NOTICE TO THE PUBLIC
WILLIAMSON COUNTY COMMISSIONER'S COURT
JUNE 19TH, 2018
9:30 A.M.

The Commissioner's Court of Williamson County, Texas will meet in regular session in the Commissioner's Courtroom, 710 Main Street, in Georgetown, Texas to consider the following items:

1. Review and approval of minutes.

2. Consider noting in minutes any off right-of-way work on any County road done by Road & Bridge Division.

3. Hear County Auditor concerning invoices, bills, Quick Check Report, wire transfers and electronic payments submitted for payment and take appropriate action including, but not limited to approval for payment provided said items are found by the County Auditor to be legal obligations of the county.

4. Citizen comments. Except when public hearings are scheduled for later in the meeting, this will be the only opportunity for citizen input. The Court invites comments on any matter affecting the county, whether on the Agenda or not. Speakers should limit their comments to three minutes. Note that the members of the Court may not comment at the meeting about matters that are not on the agenda.

CONSENT AGENDA
The Consent Agenda includes non-controversial and routine items that the Court may act on with one single vote. The Judge or a Commissioner may pull any item from the consent agenda in order that the court discuss and act upon it individually as part of the Regular Agenda.
(Items 5 – 22)

5. Discuss, consider and take appropriate action on a line item transfer within Non -Departmental.

Fiscal Impact

From/To	Acct No.	Description	Amount
From	0100.0409.004998	Contingencies	60,000.00
To	0100.0409.004100	Professional Services	60,000.00

6. Discuss, consider and take appropriate action on a line item transfer for the Tax Assessor/Collector.

Fiscal Impact

From/To	Acct No.	Description	Amount
From	0100-0499-004212	Postage	$2,000.00
To	0100-0499-003005	Office Furniture	$2,000.00

7. Discuss, consider, and take appropriate action on a line item transfer for the County Attorney's Office.

Fiscal Impact

From/To	Acct No.	Description	Amount
From	0100.0475.004902	Co Atty Leg Supp	$4,245.16
To	0100.0475.004509	Facility Enhancements	$4,245.16

8. Discuss, consider and take appropriate action on a line item transfer for the County Sheriff.

Fiscal Impact

From/To	Acct No.	Description	Amount
From	0100.0560.003601	Employee Recognition Program	$700.00
To	0100.0560.003530	Investigative Supplies	$700.00
From	0100.0560.004310	Advertising & Legal Notices	$800.00
To	0100.0560.004510	Facility Maintenance	$800.00

9. Discuss, consider and take appropriate action on budget line item transfer for Juvenile Services.

Fiscal Impact

From/To	Acct No.	Description	Amount
From	100.0576.004100	Professional Services	5000.00
To	100.0576.004510	Facility Maintence	5000.00

10. Discuss, consider and take appropriate action on authorizing the disposal of various county assets to be retired including (5) XTS/XTL, pursuant to Tx. Local Gov't code 263.152.

11. Discuss, consider and take appropriate action on authorizing the disposal of various county assets through auction including (18) Desktops, (4) Laptops, (4) Servers and (1) UPS, pursuant to Tx. Local Gov't Code 263.152.

12. Discuss, consider and take appropriate action to approve Justice of the Peace, Pct. 4, May 2018 Monthly Report in compliance with Code of Crim. Proc. § 103.005.

13. Discuss, consider and take appropriate action to accept a donation of (10) first aid kits and (15) tourniquets for the Sheriff's Office from Marilie and Carson Walker.

14. Discuss, consider and take appropriate action on appointing David Bray to the Jarrell ESD #5 open board position with the term commencing effective immediately and continuing thereafter until December 31, 2018.

15. Acknowledge and enter into the official minutes the annual financial report for ESD #2.

16. Acknowledge and enter into the official minutes the annual financial statement for ESD #5.

17. Acknowledge and enter into the official minutes the annual financial statements for ESD #8.

18. Acknowledge and enter into the official minutes the financial statements for ESD #7.

19. Approve and enter into the official minutes the application to employ personnel for County Court at Law #1.

20. Discuss, consider and take appropriate action on approving the addition of a Rock Clause to the service agreement approved by Commissioner's Court on June 5, 2018 for an animal shelter canopy to support the operations of WCRAS and authorizing execution of the clause.

21. Discuss, consider, and take appropriate action on approval of the preliminary plat for the Lennice John subdivision - Pct 4.

22. Discuss, consider, and take appropriate action on approval of the final plat for the Star Ranch Commercial, Block C, Lot 8 subdivision - Pct 4.

REGULAR AGENDA

23. Discuss, consider, and take appropriate action on a Proclamation recognizing June 19, 2018 as Juneteenth – Texas Emancipation Day in Williamson County.

24. Discuss, consider, and take appropriate action on recognizing Technology Services as a winner of the Texas Association of Government IT Managers (TAGITM) 2018 Excellence Award.

25. Discuss and take appropriate action on distribution of funds for the Hutto Education Foundation.

26. Discuss, consider and take appropriate action on the Department of Infrastructure projects and issues update.

27. Receive and acknowledge the June 2018 Construction Summary Report for the Road Bond Program.

28. Discuss, consider, and take appropriate action regarding a TCEQ Agent Authorization for the Edwards Aquifer Protection Program associated with the North Mays Extension project, a Road Bond project in Commissioner Pct. 1.

29. Discuss, consider and take appropriate action on approving a 2013 Road Bond Budget Transfer per Mike Weaver, Road Bond Manager, to move $160,000 from 2013 Road Non-Departmental (P290) to Inner Loop @ WilCo Way (P226).

30. Discuss, consider and take appropriate action on the Williamson County Animal Shelter Remodel Project, Change Order # 3 from J.T. Vaughn Construction, LLC., in the amount of $32,893.00 for additional concrete, mechanical, electrical and finish scopes of work. This change order is being funded out of the Owners and Construction Managers Contingencies.

31. Discuss, consider and take appropriate action on the Williamson County Expo RV Park Project, Change Order # 1 from Champion Site Prep, L.P., in the amount of $2,310.00 for additional underground utility concrete encasement. This change order is being funded out of the Owners Contingency.

32. Consider a resolution determining the necessity and authorizing the use of eminent domain to condemn (0.649 acres) required for the construction of CR 200, and take appropriate action. (Parcel 3-Steve Shi and Yan Zhang)

33. Consider a resolution determining the necessity and authorizing the use of eminent domain to condemn (0.06 acres) required for the construction of CR 200, and take appropriate action. (Parcel 11- Yepez/Alvarado)

34. Consider a resolution determining the necessity and authorizing the use of eminent domain to condemn (0.289 acres) required for the construction of CR 176 @ RM 2243, and take appropriate action. (Parcel 11- John B. and Cruzita R. Gordon)

35. Consider a resolution determining the necessity and authorizing the use of eminent domain to condemn (0.195 acres) required for the construction of CR 176 @ RM 2243, and take appropriate action. (Henri and Pauline Knipper- Parcel 8)

36. Consider a resolution determining the necessity and authorizing the use of eminent domain to condemn (.506 acres) required for the construction of CR 176 @ RM 2243, and take appropriate action. (Thomas and Melissa Diaz- Parcel 5)

37. Consider a resolution determining the necessity and authorizing the use of eminent domain to condemn (1.226 and 0.155 acres) required for the construction of CR 176 @ RM 2243, and take appropriate action. (Irma Diaz- Parcel 4 & 6)

38. Discuss, consider and take appropriate action on a Real Estate Contract with Kevin and Stephanie Van Antwerp for right of way needed on CR 200. (Parcel 8) Funding Source: Road Bonds P285

39. Discuss, consider and take appropriate action on a Real Estate Contract with Terry and Traci Stanley for right of way needed on CR 200. (Parcel 9) Funding Source: Road Bonds P285

40. Discuss, consider and take appropriate action on a License Agreement with Sonterra Municipal Utility District.

41. Discuss, consider, and take appropriate action on the acceptance of the Memorandum of Understanding with the State of Texas regarding statewide radio interoperability.

42. Discuss, consider and take appropriate action regarding approving the contract statement of work from Motorola Solutions, Inc. to complete hardware refresh of the NICE recording platform for integration and compatibility with the new CISCO VoIP phone platform. (Note: procurement via Houston-Galveston Area Council HGAC Contract #RA05-15).

43. Discuss, consider, and take appropriate action on authorizing the Purchasing Agent to advertise and receive sealed bids for Repairing, Milling and Overlay - Ronald Reagan Blvd SH 195 to IH 35 under IFB # 1805-235.

44. Discuss, consider, and take appropriate action on awarding IFB # 1804-226 Commercial Fans for the Williamson County Exposition Center to the only responsive bidder Kiser Arena Specialists and authorizing execution of the Services Contract.

45. Discuss, consider, and take appropriate action on awarding Invitation to Bid #1803-219 Southwest Bypass Segment 2 to the lowest responsive bidder, James Construction.

46. Discuss, consider, and take appropriate action on approving an agreement between Carahsoft Technology Corp. and Williamson County, for ServiceNow Onboarding and Asset Implementation Services under GSA contract # GS-35F-0119Y in the amount of $76,859.00.

47. Discuss, consider and take appropriate action on an order declaring an emergency and a grave necessity due to unforeseeable circumstances and approve a budget amendment to acknowledge the additional revenue for Park Donations:

Fiscal Impact

From/To	Acct No.	Description	Amount
	0100.0000.367403	Park Donations	$369.00

48. Discuss, consider and take appropriate action on an order declaring an emergency and a grave necessity due to unforeseeable circumstances and approve a budget amendment to acknowledge the additional expenditures for Park Donations:

Fiscal Impact

From/To	Acct No.	Description	Amount
	0100.0510.003670	Use of Donations	$369.00

EXECUTIVE SESSION

"The Commissioners Court for Williamson County reserves the right to adjourn into executive session at any time during the course of this meeting to discuss any of the matters listed above, as authorized by Texas Government Code Sections 551.071 (Consultations with Attorney), 551.072 (Deliberations regarding Real Property), 551.073 (Deliberations regarding Gifts and Donations), 551.074 (Personnel Matters), 551.076 (Deliberations regarding Security Devices) and 551.087 (Deliberations regarding Economic Development Negotiations)."

49. Discussion regarding economic development negotiations pursuant to Texas Government Code, Section 551.087:
a) Business prospect(s) that may locate or expand within Williamson County.
b) Discuss North Woods Road District.
c) Project Amazon
d) Wolf Lakes
e) Project Capstone
f) Project Dalton House
g) Flint Hill Resources-Taylor Fuel Storage Terminal on CR 366

50. Discuss real estate matters (EXECUTIVE SESSION as per VTCA Govt. Code sec. 551.072 Deliberation Regarding Real Estate Property if deliberation in an open meeting would have a detrimental effect on the position of the governmental body in negotiations with third person.)
A. Real Estate Owned by Third Parties
Preliminary discussions relating to proposed or potential purchase or lease of property owned by third parties
a) Discuss the acquisition of real property for right-of-way for N. Mays St. Extension
b) Discuss the acquisition of real property for SW 183 and SH 29 Loop.
c) Discuss the acquisition of real property for CR 176 at RM 2243
d) Discuss the acquisition of real property: CR 101
e) Discuss the acquisition of real property: CR 200
f) Discuss the acquisition of real property for CR 278 at Bagdad Rd.
g) Discuss the acquisition of real property for SH 29 LTP.
h) Discuss the acquisition of real property for County Facilities.
i) Discuss the acquisition of Easement interests for the Brushy Creek Trail Project.
j) Discuss the acquisition of real property and easements from San Gabriel River Ranch Subdivision.

k) Discuss the acquisition of real property for CR 278 @ Bagdad Rd.
l) Discuss the acquisition of real property for Seward Junction SE Loop.
m) Discuss the acquisition of real property for SH 29 @ DB Wood.
n) Discuss the acquisition of real property for Hairy Man Rd.
o) Discuss the acquisition of real property for SW Bypass.
p) Discuss Somerset Road Districts No. 3 & 4 reimbursements for acquisition & construction of Reagan Blvd.
q) Discuss Cedar Hollow low water crossings and Lost River.
r) Discuss the Brushy Creek Trail Easement acquisition from the Steve and Brandy Jones (a.k.a. 620 Cafe)
s) Discuss the acquisition of real property for Corridor H
t) Discuss an Interlocal Agreement with the City of Hutto regarding CR 163.
B. Property or Real Estate owned by Williamson County
Preliminary discussions relating to proposed or potential sale or lease of property owned by the County
a) Discuss County owned real estate containing underground water rights and interests.
b) Discuss wastewater easements in Berry Springs Park
c) Discuss sale of County property on Ronald Reagan Blvd.
d) Discuss possible sale of +/- 10 acres located on Chandler Road near the County Sheriff's Office Training Facility
e) Potential governmental uses for 8th Street downtown parking lot
f) Discuss possible uses of property owned by Williamson County on Main St. between 3rd and 4th Streets. (formerly occupied by WCCHD)
g) Discuss property usage at Longhorn Junction
C. Consider intervention in lawsuit regarding de-listing of Bone Cave harvestman.
D. Discuss the possible placement of agricultural-related monuments at the Williamson County Exposition Center with the participation of third parties.
E. Discuss the San Gabriel River trail easements.

51. Discuss pending or contemplated litigation, settlement matters and other confidential attorney-client legal matters (EXECUTIVE SESSION as per VTCA Govt. Code sec. 551.071 consultation with attorney.), including the following:

a) Litigation or claims or potential litigation or claims against the County or by the County
b) Status Update-Pending Cases or Claims;
c) Employee/personnel related matters
d) Other confidential attorney-client matters, including contracts and certain matters related to county defense issues in which the duty of the attorney to the governmental body within the attorney/client relationship clearly conflicts with Chapter 551 of the Texas Government Code.
e) Civil Action No. 1:15-cv-431; Herman Crisp v. Williamson County, et al; In the USDC-WD-Austin Division
f) Appeal of IRS Proposed Worker Classification Changes and Proposed Tax Adjustments 2011 -2013; and Payment of Disputed Employment Taxes Pending Appeal
g) Discuss proposed acquisition of property for SW 183 and SH 29 Loop
h) Civil Action; American Stewards of Liberty, et al. v. Sally Jewell, et al., In the Western District Court, Western District of Texas, Austin Division
i) Berry Springs Park and Preserve pipeline
j) Case No. 1:17-cv-00290, Rodney A. Hurdsman v. Williamson County Sheriff Deputies Pokluda et al, In The Unites States District Court For The Western District of Texas – Austin Division.
k) Civil Action No. 1:17-cv-153-SS, Royce Belcher v. Williamson County, Texas, In The United States District Court for the Western District of Texas, Austin Division.
l) Williamson County Sheriff's Office Training Center construction issues.
m) Application to Obtain New Municipal Solid Waste Permit – Proposed Permit No. 2398 (Applicant - Lealco, Inc.)
n) LCRA TSC Leander-Round Rock 138-Kv Transmission Line Project within the Public Right-Of-Way (Row) of New Hope Road, Ronald Reagan Boulevard, and Hero Way
o) Employment law claims of Michelle Williams, Andrenia McGowen and/or Raphaela Johnson.
p) Civil Action No. 1:17-cv-01114-LY, Elizabeth Saucedo v. Jonathon Hodgkiss, In The United States District Court for the Western District of Texas, Austin Division.

q) Civil Action No. 1:17-cv-01113-LY, Tettus Davis v. Jonathon Hodgkiss, In The United States District Court for the Western District of Texas, Austin Division.
r) Amendment to Interlocal Lease Agreement between Williamson County and City of Georgetown relating to Williamson County's property located near Martin Luther King Boulevard and 8th Streets in Georgetown, Texas
s) Civil Action No. 1:18-CV-49, Troy Mansfield v. Williamson County, In The United States District Court for the Western District of Texas, Austin Division.
t) Discuss law in relation to Williamson County compensation policies.
u) Legal matters pertaining to Cambria Cave and Brushy Creek MUD
v) Erik Olmeda vs. Williamson County and Keith LNU, In the County Court at Law No. 4 of Williamson County, Texas
w) Intergovernmental Services Agreement with ICE and Agreement with CoreCivic, Inc. relating to the T. Don Hutto Facility.

52. Deliberate the appointment, employment, evaluation, reassignment, duties, discipline and/or dismissal of Williamson County officers, directors, employees and/or positions, including but not limited to conducting deliberation and discussion pertaining to annual reviews of department heads and appointed officials (Executive Session as per Tex. Gov. Code Section 551.074 – Personnel Matters).

53. Discuss the deployment or specific occasions for implementation of security personnel or devices in relation to the Williamson County Justice Center (Executive Session as per Texas Gov't. Code § 551.076).

REGULAR AGENDA (continued)

54. Discuss and take appropriate action concerning economic development.

55. Discuss and take appropriate action concerning real estate.

56. Discuss and take appropriate action on pending or contemplated litigation, settlement matters and other confidential attorney-client legal matters, including the following:

a) Litigation or claims or potential litigation or claims against the County or by the County
b) Status Update-Pending Cases or Claims;
c) Employee/personnel related matters
d) Other confidential attorney-client matters, including contracts and certain matters related to county defense issues in which the duty of the attorney to the governmental body within the attorney/client relationship clearly conflicts with Chapter 551 of the Texas Government Code.
e) Civil Action No. 1:15-cv-431; Herman Crisp v. Williamson County, et al; In the USDC-WD-Austin Division
f) Discuss, consider and take appropriate action regarding possible appeal of IRS Proposed Worker Classification Changes and Proposed Tax Adjustments 2011 -2013; and approval of payment of disputed employment taxes pending appeal
g) Discuss proposed acquisition of property for SW 183 and SH 29 Loop
h) Civil Action; American Stewards of Liberty, et al. v. Sally Jewell, et al., In the Western District Court, Western District of Texas, Austin Division
i) Berry Springs Park and Preserve pipeline
j) Case No. 1:17-cv-00290, Rodney A. Hurdsman v. Williamson County Sheriff Deputies Pokluda et al, In The Unites States District Court For The Western District of Texas – Austin Division.
k) Civil Action No. 1:17-cv-153-SS, Royce Belcher v. Williamson County, Texas, In The United States District Court for the Western District of Texas, Austin Division.
l) Williamson County Sheriff's Office Training Center construction issues.
m) Application to Obtain New Municipal Solid Waste Permit – Proposed Permit No. 2398 (Applicant - Lealco, Inc.)
n) LCRA TSC Leander-Round Rock 138-Kv Transmission Line Project within the Public Right-Of-Way (Row) of New Hope Road, Ronald Reagan Boulevard, and Hero Way
o) Employment law claims of Michelle Williams, Andrenia McGowen and/or Raphaela Johnson.

p) Civil Action No. 1:17-cv-01114-LY, Elizabeth Saucedo v. Jonathon Hodgkiss, In The United States District Court for the Western District of Texas, Austin Division.
q) Civil Action No. 1:17-cv-01113-LY, Tettus Davis v. Jonathon Hodgkiss, In The United States District Court for the Western District of Texas, Austin Division.
r) Amendment to Interlocal Lease Agreement between Williamson County and City of Georgetown relating to Williamson County's property located near Martin Luther King Boulevard and 8th Streets in Georgetown, Texas
s) Civil Action No. 1:18-CV-49, Troy Mansfield v. Williamson County, In The United States District Court for the Western District of Texas, Austin Division.
t) Discuss law in relation to Williamson County compensation policies.
u) Legal matters pertaining to Cambria Cave and Brushy Creek MUD
v) Erik Olmeda vs. Williamson County and Keith LNU, In the County Court at Law No. 4 of Williamson County, Texas
w) Intergovernmental Services Agreement with ICE and Agreement with CoreCivic, Inc. relating to the T. Don Hutto Facility.

57. Discuss, consider and take appropriate action regarding the appointment, employment, evaluation, reassignment, duties, discipline and/or dismissal of Williamson County officers, directors or employees, including but not limited to any necessary action pertaining to conducting annual reviews of department heads and appointed officials.

58. Comments from Commissioners.

_____
Dan A. Gattis, County Judge

This notice of meeting was posted in the locked box located on the south side of the Williamson County Courthouse, a place readily accessible to the general public at all times, on the _____ day of _____, 2018 at _____ and remained posted for at least 72 continuous hours preceding the scheduled time of said meeting.

Commissioners Court - Regular Session **5.**

Meeting Date: 06/19/2018

transfer

Submitted For: Dan Gattis **Submitted By:** Rebecca Clemons, County Judge

Department: County Judge

Agenda Category: Consent

Information

Agenda Item

Discuss, consider and take appropriate action on a line item transfer within Non -Departmental.

Background

We currently have an outstanding invoice for $10,000. We would like to transfer the additional $50,000 to cover anticipated future bills. We have seen an increase in expenses to this line item due to professional services needed for flood control and asset management, as well as several pending cases.

Fiscal Impact

From/To	Acct No.	Description	Amount
From	0100.0409.004998	Contingencies	60,000.00
To	0100.0409.004100	Professional Services	60,000.00

Attachments

No file(s) attached.

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst. (Originator)	Wendy Coco	06/13/2018 09:42 AM
Form Started By: Rebecca Clemons		Started On: 06/12/2018 01:37 PM
Final Approval Date: 06/13/2018		

Commissioners Court - Regular Session **6.**

Meeting Date: 06/19/2018

Line Item Transfer

Submitted For: Larry Gaddes **Submitted By:** Judy Kocian, County Tax Assessor Collector

Department: County Tax Assessor Collector

Agenda Category: Consent

Information

Agenda Item

Discuss, consider and take appropriate action on a line item transfer for the Tax Assessor/Collector.

Background

The Round Rock tax office needs to replace file cabinets at five employee stations and one lateral file in the drive thru area. The current cabinets are old and are not able to lock as required for storing license plates or other items of monetary worth. The lateral file cabinet is broken and cannot hold the cash count machine that is needed for staff to process payments.

Fiscal Impact

From/To	Acct No.	Description	Amount
From	0100-0499-004212	Postage	$2,000.00
To	0100-0499-003005	Office Furniture	$2,000.00

Attachments

No file(s) attached.

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Wendy Coco	06/11/2018 10:22 AM
Budget Office	Wendy Coco	06/14/2018 03:58 PM
Form Started By: Judy Kocian		Started On: 06/11/2018 09:35 AM
Final Approval Date: 06/14/2018		

Commissioners Court - Regular Session **7.**

Meeting Date: 06/19/2018

Line Item Transfer

Submitted For: D. Hobbs **Submitted By:** Stephanie Lloyd, County Attorney

Department: County Attorney

Agenda Category: Consent

Information

Agenda Item

Discuss, consider, and take appropriate action on a line item transfer for the County Attorney's Office.

Background

This transfer is needed in order to pay for the installation of an Intercom system in the County Attorney's 1st floor office lobby.

Fiscal Impact

From/To	Acct No.	Description	Amount
From	0100.0475.004902	Co Atty Leg Supp	$4,245.16
To	0100.0475.004509	Facility Enhancements	$4,245.16

Attachments

No file(s) attached.

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Wendy Coco	06/14/2018 11:27 AM
Budget Office	Wendy Coco	06/14/2018 03:58 PM

Form Started By: Stephanie Lloyd Started On: 06/14/2018 09:19 AM

Final Approval Date: 06/14/2018

Commissioners Court - Regular Session **8.**

Meeting Date: 06/19/2018

Line Item Transfer for County Sheriff

Submitted For: Robert Chody **Submitted By:** Starla Hall, Sheriff

Department: Sheriff

Agenda Category: Consent

Information

Agenda Item

Discuss, consider and take appropriate action on a line item transfer for the County Sheriff.

Background

Transferring funds to cover short falls in Investigative Supplies and Facility Maintenance for necessary expenses.

Fiscal Impact

From/To	Acct No.	Description	Amount
From	0100.0560.003601	Employee Recognition Program	$700.00
To	0100.0560.003530	Investigative Supplies	$700.00
From	0100.0560.004310	Advertising & Legal Notices	$800.00
To	0100.0560.004510	Facility Maintenance	$800.00

Attachments

No file(s) attached.

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Wendy Coco	06/14/2018 11:27 AM
Budget Office	Wendy Coco	06/14/2018 03:58 PM
Form Started By: Starla Hall		Started On: 06/14/2018 10:54 AM
Final Approval Date: 06/14/2018		

Commissioners Court - Regular Session **9.**

Meeting Date: 06/19/2018

Budget Line Item Transfer

Submitted By: John Pelczar, Juvenile Services

Department: Juvenile Services

Agenda Category: Consent

Information

Agenda Item

Discuss, consider and take appropriate action on budget line item transfer for Juvenile Services.

Background

Juvenile Services is requesting a line item transfer from Professional Services into Facility Maintenance to replace two doors at the front entrance of the building. Due to normal wear and tear the current doors are not closing properly leaving the front of the building unsecured. Facility Maintenance Department has made numerous attempts to fix the issues but they have been unsuccessful due to the inability to obtain necessary parts as are no longer available. This transfer will allow us to properly secure the front entrance to the building.

Fiscal Impact

From/To	Acct No.	Description	Amount
From	100.0576.004100	Professional Services	5000.00
To	100.0576.004510	Facility Maintence	5000.00

Attachments

No file(s) attached.

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Wendy Coco	06/14/2018 12:01 PM
Form Started By: John Pelczar		Started On: 06/14/2018 11:15 AM
Final Approval Date: 06/14/2018		

Commissioners Court - Regular Session **10.**

Meeting Date: 06/19/2018

Assets to be retired 6/19/2018

Submitted For: Randy Barker **Submitted By:** Jayme Jasso, Purchasing

Department: Purchasing

Agenda Category: Consent

Information

Agenda Item

Discuss, consider and take appropriate action on authorizing the disposal of various county assets to be retired including (5) XTS/XTL, pursuant to Tx. Local Gov't code 263.152.

Background

See attached lists.

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

Asset Retired

Form Review

Inbox	Reviewed By	Date
Purchasing (Originator)	Randy Barker	06/14/2018 11:51 AM
County Judge Exec Asst.	Wendy Coco	06/14/2018 12:01 PM
Form Started By: Jayme Jasso		Started On: 06/14/2018 08:45 AM
Final Approval Date: 06/14/2018		

FrmAudASCF01 revision 07/2014

Williamson County
Asset Status Change Form

Print Form

The following asset(s) is(are) considered for: (select one)

- ○ TRANSFER bet ween county departments
- ○ SALE at the earliest auction *
- ○ TRADE-IN for new assets of similar type for the county
- ● ASSET NOT FOUND
- ○ DONATION to a non-county entity
- ○ DESTRUCTION due to Public Health / Safety
- ○ SALE to a government entity / civil or charitable organization in the county at fair market value

Asset List:

Quantity	Description (year, make, model, etc.)	Manufacturer ID# (serial, service tag, or VIN)	County Tag#	Condition of Assets (Working, Non-Working)
3	XTS/XTL motorola Radio	721CJF1915, 721CJF4864, 514CGF0419 47401		Non-Working
1	XTS/XTL Motorola Radio	514CGM0413 47464		Non-Working
	See attached e-mail from Catherine Roberts re:Lost/Stolen assets			
1	XTS/XTL Motorola Radio (0570 - Corrections)	721CJZ0053		Non-Working

Parties involved:

FROM (Transferor Department): 0560 - Sheriff's Office/ 0570 Corrections

Transferor - Elected Official/Department Head/ Authorized Staff:

Tim Ryle
Print Name

T — Ry k
Signature

May 22, 2018
Date

Contact Person:

Peggy Braun
Print Name

+1 (512) 943-1312
Phone Number

TO (Transferee Department/Auction/Trade-in/Donee): ASSET NOT FOUND

Transferee - Elected Official/Department Head/ Authorized Staff OR Donee - Representative: (If being approved for Sale or Trade-in, no signature is necessary.)

Print Name

Signature

Date

Contact Person: RECEIVED

Print Name

MAY 29 2018

Phone Number

AUDITOR'S OFFICE
WILLIAMSON COUNTY, TEXAS

* If the above asset(s) is (are) listed for sale at auction and no bids are made, the Purchasing Director may dispose of or donate this (these) asset(s). A list of the (these) asset(s) to be donated or disposed of will be sent to the Auditor's Office with a date of donation or disposal.

Forward to County Auditor's Office

This Change Status was approved as agenda item # _____ in Commissioner's Court on _____

If for Sale, the asset(s) was(were) delivered to warehouse on _____ by _____

Peggy Braun

To: Catherine Roberts
Subject: RE: 2017-2018 WCSO COMM SHOP INVENTORY

From: Catherine Roberts
Sent: Tuesday, May 01, 2018 1:23 AM
To: Robert Chody <rchody@wilco.org>; Tim Ryle <tim.ryle@wilco.org>; Roy Fikac <rfikac@wilco.org>; Randolph Doyer <RDoyer@wilco.org>; Rebecca Rodriguez <rebecca.rodriguez@wilco.org>; Peggy Braun <PBraun@wilco.org>; Shana Lincoln <slincoln@wilco.org>; Danielle White <dwhite@wilco.org>
Cc: Ashlie Koenig <akoenig@wilco.org>; Sarah Crain <sarah.crain@wilco.org>; Jennifer Templeton <jtempleton@wilco.org>; radioshop <radioshop@wilco.org>; Lisa Moore <lmoore@wilco.org>; Kelsey Rollins <krollins@wilco.org>
Subject: 2017-2018 WCSO COMM SHOP INVENTORY

Notifications for 2018

Internal agencies with LOST/STLN assets still remaining on County records regarding XTS/XTL Motorola radios are being asked to complete asset status change forms in order to purge these records from the CS360 database. Your agency has been identified to have LOST/STLN assets assigned in historical records. Please complete Asset Status disposal forms for the following radios, email the signed copy to Lisa Moore in the Auditor's office as well as cc radioshop@wilco.org :

WCSO –0570 721CJZ0053
WCSO - 0560 721CJF1915
WCSO - 0560 721CJF4864
WCSO - 0560 514CGF0419
WCSO - 0560 514CGM0413

Best Regards,

Catherine L. Roberts

Williamson County RCS &
Director of Wireless Communications
508 Holly Street
Georgetown, TX 78626
512-943-3575

RECEIVED
MAY 29 2018
AUDITOR'S OFFICE
WILLIAMSON COUNTY, TEXAS

Commissioners Court - Regular Session **11.**

Meeting Date: 06/19/2018

Asset Auction 6/19/2018

Submitted For: Randy Barker **Submitted By:** Jayme Jasso, Purchasing

Department: Purchasing

Agenda Category: Consent

Information

Agenda Item

Discuss, consider and take appropriate action on authorizing the disposal of various county assets through auction including (18) Desktops, (4) Laptops, (4) Servers and (1) UPS, pursuant to Tx. Local Gov't Code 263.152.

Background

See attached lists.

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

Auction 1

Form Review

Inbox	Reviewed By	Date
Purchasing (Originator)	Randy Barker	06/14/2018 11:52 AM
County Judge Exec Asst.	Wendy Coco	06/14/2018 12:01 PM
Form Started By: Jayme Jasso		Started On: 06/14/2018 09:03 AM
Final Approval Date: 06/14/2018		

FrmAudASCF01 revision 07/2014

Williamson County
Asset Status Change Form

Print Form

The following asset(s) is(are) considered for: (select one)

- ○ TRANSFER bet ween county departments
- ◉ SALE at the earliest auction *
- ○ TRADE-IN for new assets of similar type for the county
- ○ DONATION to a non-county entity
- ○ DESTRUCTION due to Public Health / Safety
- ○ SALE to a government entity / civil or charitable organization in the county at fair market value

Asset List:

Quantity	Description (year, make, model, etc.)	Manufacturer ID# (serial, service tag, or VIN)	County Tag#	Condition of Assets (Working, Non-Working)
1	DELL CPU (ALREADY RETIRED) 59115	6NC6MS1		Working
1	DELL CPU	1L4QDZ1		Working
1	DELL CPU 65835	GQVTDX1		Working
1	DELL LAPTOP	5FC9XC1		Working
1	DELL LAPTOP	8FC8XC1		Working

Parties involved: AUCTION PROCEEDS NOT TO BE REIMBURSED TO WCCHD

FROM (Transferor Department): WILLIAMSON COUNTY AND CITIES HEALTH DISTRICT

Transferor - Elected Official/Department Head/ Authorized Staff:

Michelle Broddrick
Print Name

Michelle Broddrick
Signature

Date

Contact Person:

Susan Carranco
Print Name

+1 (512) 943-3600
Phone Number

TO (Transferee Department/Auction/Trade-in/Donee): AUCTION

Transferee - Elected Official/Department Head/ Authorized Staff OR Donee - Representative: (If being approved for Sale or Trade-in, no signature is necessary.)

Print Name

Signature

Date

Contact Person:

RECEIVED
JUN 7 2018
AUDITOR'S OFFICE
WILLIAMSON COUNTY, TEXAS

Print Name

Phone Number

* If the above asset(s) is (are) listed for sale at auction and no bids are made, the Purchasing Director may dispose of or donate this (these) asset(s). A list of the (these) asset(s) to be donated or disposed of will be sent to the Auditor's Office with a date of donation or disposal.

Forward to County Auditor's Office

This Change Status was approved as agenda Item # _____ in Commissioner's Court on _____

If for Sale, the asset(s) was(were) delivered to warehouse on _____ by _____

FrmAudASCF01 revision 07/2014

Williamson County
Asset Status Change Form

Print Form

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- ○ DESTRUCTION due to Public Health / Safety
- ○ SALE to a government entity / civil or charitable organization in the county at fair market value

Asset List:

Quantity	Description (year, make, model, etc.) A-II	Manufacturer ID# (serial, service tag, or VIN)	County Tag#	Condition of Assets (Working, Non-Working)
1	DELL CPU	6NZBW5Z		Working
1	DELL CPU	6JK2WV1		Working
1	DELL CPU	6KF2WV1		Working
1	DELL CPU	6KG3WV1		Working
1	DELL CPU	6KC2WV1		Working

Parties involved: AUCTION PROCEEDS NOT TO BE REIMBURSED TO WCCHD

FROM (Transferor Department): WILLIAMSON COUNTY AND CITIES HEALTH DISTRICT

Transferor - Elected Official/Department Head/ Authorized Staff:

Michelle Broddrick
Print Name

Michelle Broddrick
Signature

Date

Contact Person:

Susan Carranco
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TO (Transferee Department/Auction/Trade-in/Donee): AUCTION

Transferee - Elected Official/Department Head/ Authorized Staff OR Donee - Representative: (If being approved for Sale or Trade-in, no signature is necessary.)

Print Name

Signature

Date

Contact Person:

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JUN - 7 2018
AUDITORS OFFICE
WILLIAMSON COUNTY, TEXAS

Print Name

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Asset List:

Quantity	Description (year, make, model, etc.)	A#	Manufacturer ID# (serial, service tag, or VIN)	County Tag#	Condition of Assets (Working, Non-Working)
1	DELL CPU	———	GVR6V81		Working
1	DELL CPU	65821	GQVVDX1		Working
1	DELL CPU	———	FL5N501		Working
1	DELL CPU	———	6C7N61		Working
1	DELL CPU	59121	153FMS1		Working

Parties involved: AUCTION PROCEEDS NOT TO BE REIMBURSED TO WCCHD

FROM (Transferor Department): WILLIAMSON COUNTY AND CITIES HEALTH DISTRICT

Transferor - Elected Official/Department Head/ Authorized Staff:

Michelle Broddrick
Print Name

Michelle Broddrick
Signature

Date

Contact Person:

Susan Carranco
Print Name

+1 (512) 943-3600
Phone Number

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Print Name

Signature

Date

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RECEIVED
JUN - 7 2018
AUDITOR'S OFFICE
WILLIAMSON COUNTY, TEXAS

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- ○ SALE to a government entity / civil or charitable organization in the county at fair market value

Asset List:

Quantity	Description (year, make, model, etc.) A=A	Manufacturer ID# (serial, service tag, or VIN)	County Tag#	Condition of Assets (Working, Non-Working)
1	DELL CPU	6KG1WV1		Working
1	DELL CPU	6KD2WV1		Working
1	DELL CPU	6KB1WV1		Working
1	DELL CPU	GQ85DD2		Working
1	DELL CPU	5YRD8Y1		Working

Parties involved: AUCTION PROCEEDS NOT TO BE REIMBURSED TO WCCHD

FROM (Transferor Department): WILLIAMSON COUNTY AND CITIES HEALTH DISTRICT

Transferor - Elected Official/Department Head/ Authorized Staff:

Michelle Broddrick
Print Name

Michelle Broddrick
Signature

Date

Contact Person:

Susan Carranco
Print Name

+1 (512) 943-3600
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WILLIAMSON COUNTY, TEXAS

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- ○ SALE to a government entity / civil or charitable organization in the county at fair market value

Asset List:

Quantity	Description (year, make, model, etc.) A#	Manufacturer ID# (serial, service tag, or VIN)	County Tag#	Condition of Assets (Working, Non-Working)
1	LENOVO LAPTOP	LV-D8337		Working
1	LENOVO LAPTOP	LV-D8335		Working
1	HP LASERJET PRINTER CARTRIDGE - 05A			Working
1	HP LASERJET PRINTER CARTRIDGE - CE505A			Working
1	VACCUUM CLEANER			Working

Parties involved: AUCTION PROCEEDS NOT TO BE REIMBURSED TO WCCHD

FROM (Transferor Department): WILLIAMSON COUNTY AND CITIES HEALTH DISTRICT

Transferor - Elected Official/Department Head/ Authorized Staff:

Michelle Broddrick
Print Name

Michelle Broddrick
Signature

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JUN 7 2018
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WILLIAMSON COUNTY, TEXAS

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FrmAudASCF01 revision 07/2014

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- ○ DESTRUCTION due to Public Health / Safety
- ○ SALE to a government entity / civil or charitable organization in the county at fair market value

Asset List:

Quantity	Description (year, make, model, etc.) A ~~#~~	Manufacturer ID# (serial, service tag, or VIN)	County Tag#	Condition of Assets (Working, Non-Working)
1	SERVER ———	BV1V321		Working
1	SERVER 48154	DXTMDH1		Working
1	SERVER ———	13F3321		Working
1	SERVER ———	D353B41		Working
1	APC UPS ———			Working

Parties involved: AUCTION PROCEEDS NOT TO BE REIMBURSED TO WCCHD

FROM (Transferor Department): WILLIAMSON COUNTY AND CITIES HEALTH DISTRICT

Transferor - Elected Official/Department Head/ Authorized Staff:

Michelle Broddrick
Print Name

Michelle Broddrick
Signature

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Print Name

JUN - 7 2018

Phone Number

AUDITOR'S OFFICE
WILLIAMSON COUNTY, TEXAS

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Forward to County Auditor's Office

This Change Status was approved as agenda item # _____ in Commissioner's Court on _____

If for Sale, the asset(s) was(were) delivered to warehouse on _____ by _____

Commissioners Court - Regular Session **12.**

Meeting Date: 06/19/2018

Justice of the Peace 4 MAY 2018 Monthly Report

Submitted By: Veronica Bolander, J.P. Pct. #4

Department: J.P. Pct. #4

Agenda Category: Consent

Information

Agenda Item

Discuss, consider and take appropriate action to approve Justice of the Peace, Pct. 4, May 2018 Monthly Report in compliance with Code of Crim. Proc. § 103.005.

Background

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

JP4 EOM MAY 2018

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Wendy Coco	06/13/2018 04:31 PM
Form Started By: Veronica Bolander		Started On: 06/13/2018 02:44 PM
Final Approval Date: 06/13/2018		

IN COMPLIANCE WITH ARTICLE 103
CODE OF CRIMINAL PROCEDURE

THE STATE OF TEXAS
COUNTY OF WILLIAMSON

Before me, the undersigned authority, on this day personally appeared Judy Schier Hobbs, Justice of the Peace, Precinct 4, Williamson County, who, on her oath, stated that the attached report of money collected is a true and correct report for the month of May 2018.

JUDY SCHIER HOBBS
JUSTICE OF THE PEACE
PRECINCT FOUR

On this 7th day of June 2018, to certify which witness my hand and seal of office.

NOTARY PUBLIC in and for the State of Texas

JESSICA SCHMIDT
My Notary ID # 5436361
Expires October 3, 2020

211 W. 6th St.
P.O. Box 588
Taylor, Texas 76574

Payment Register: Summary Section
Williamson County Justice of the Peace, Pct. 4
By Date 05/01/2018-05/31/2018

Date Printed: 6/7/2018
Time Printed: 9:04:39AM

FEE CODE	FEE DESC	ITEMS	TOT PAID	TOT MONEY	CASH	CHECKS	MO	HB 2398	CC	JT	CSR	OTHER	GL CODE
COPIES	COPIES	1	5.25	5.25	5.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0100-0000-341804
EVICTION	EVICTION FILING FEE	56	1,350.00	1,350.00	175.00	900.00	0.00	0.00	275.00	0.00	0.00	0.00	0100-0000-341804
INDIGENT	CIVIL INDIGENT FEE	121	708.00	708.00	54.00	576.00	0.00	0.00	78.00	0.00	0.00	0.00	0399-0000-208822
SERVE 4	CONSTABLE PRECINCT 4 SEF	84	5,880.00	5,880.00	910.00	3,990.00	0.00	0.00	980.00	0.00	0.00	0.00	0100-0000-341904
SMALLCLAM	SMALL CLAIMS FILING FEE	6	150.00	150.00	25.00	75.00	0.00	0.00	50.00	0.00	0.00	0.00	0100-0000-341804
WRIT POSS	WRIT OF POSSESSION	17	65.00	65.00	5.00	35.00	0.00	0.00	25.00	0.00	0.00	0.00	0100-0000-341804
WSERVE 4	CONSTABLE PRECINCT 4 - W	17	1,950.00	1,950.00	150.00	1,050.00	0.00	0.00	750.00	0.00	0.00	0.00	0100-0000-341904

***** The Following Fees Do Not Match Any Of The Column Definitions, Therefore Are Included In The "All Other" Column*****

FEE CODE	FEE DESC	ITEMS	TOT PAID	TOT MONEY	CASH	CHECKS	MO	HB2398	CC	JAIL TIME	CSR	OTHER	GL CODE
AUTOPSY	COPIES OF AUTOPSIES	1	10.00	10.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0100-0000-341804
CERTCOPIE	CERTIFIED COPIES	3	6.00	6.00	6.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0100-0000-341804
DEBTCLAIM	DEBTCLAIM	58	1,425.00	1,425.00	0.00	1,425.00	0.00	0.00	0.00	0.00	0.00	0.00	0100.0000.341804
EF	E-FILING STATE FEE	121	1,180.00	1,180.00	90.00	960.00	0.00	0.00	130.00	0.00	0.00	0.00	01-0399-0000-20802
JCPTF	JUDICIAL COURT PERSO!	123	590.00	590.00	45.00	480.00	0.00	0.00	65.00	0.00	0.00	0.00	01-0399-0000-20835
OCC LICENSE	OCCUPATIONAL LICENSE	1	25.00	25.00	25.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0100.0000.341804
OVER	OVER PAYMENT OF FINE	1	3.00	3.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0100-0000-209700
TCF	TRUANT CONDUCT FEE	1	50.00	50.00	0.00	0.00	0.00	0.00	50.00	0.00	0.00	0.00	01-0369-0000-34191
TRUANCY CO	TRUANCY CONTEMPT FI	9	565.00	565.00	50.00	0.00	100.00	0.00	415.00	0.00	0.00	0.00	0100-0000-351304
WRIT GARN	WRIT OF GARNISHMENT	1	5.00	5.00	0.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0100-0000-341804

TOTALS SUMMARY	621	13,967.25	13,967.25	1,550.25	9,499.00	100.00	0.00	2,818.00	$0.00	0.00	0.00

Direct Deposit	$0.00				**HB2398**	$0.00	
Cash	$1,550.25				**CSR Credit**	$0.00	**Post for Refund** $0.00
Checks	$9,499.00				**Jail Credit**	$0.00	**Over Payments** $0.00
Money Orders	$100.00						
Credit Cards :	$2,818.00	**Escrow Payments**	$0.00	**Transaction Fee**	$0.00	**Non-Monetary**	$0.00

TOTAL CURRENCY	$13,967.25	ESCROW PAID	$0.00	TRAN. FEES	$0.00	TOTAL	$0.00	TOTAL PAID	$0.00

Detailed report has been sent to Auditor's Office.

211 W. 6th St.
P.O. Box 588
Taylor, Texas 76574

Payment Register: GL Code Recap
Williamson County Justice of the Peace, Pct. 4
By Date 05/01/2018-05/31/2018

Date Printed: 6/7/2018
Time Printed: 9:04:39AM

GL CODE	GL CODE DESCRIPTION	CURRENCY	CREDIT CARD	OTHERS	DIRECT DEPOSIT	HB 2398	TOTALS
0100-0000-209700		3.00	0.00	0.00	0.00	0.00	3.00
0100-0000-341804		1,241.25	350.00	0.00	0.00	0.00	1,591.25
0100-0000-341904		6,100.00	1,730.00	0.00	0.00	0.00	7,830.00
0100-0000-351304		150.00	415.00	0.00	0.00	0.00	565.00
0100.0000.341804		1,450.00	0.00	0.00	0.00	0.00	1,450.00
0399-0000-208822		630.00	78.00	0.00	0.00	0.00	708.00
01-0399-0000-208022	E-FILING STATE FEE FOR CIVIL	1,050.00	130.00	0.00	0.00	0.00	1,180.00
01-0369-0000-341917	TRUANT CONDUCT FEE	0.00	50.00	0.00	0.00	0.00	50.00
01-0399-0000-208354	JUDICIAL COURT PERSONNEL TRAI	525.00	65.00	0.00	0.00	0.00	590.00
TOTALS :		11,149.25	2,818.00	0.00	0.00	0.00	13,967.25

Detailed report has been sent to Auditor's Office.

211 W. 6th St.
P.O. Box 588
Taylor, Texas 76574

Payment Register: Summary Section
Williamson County Justice of the Peace, Pct. 4
By Date 05/01/2018-05/31/2018

Date Printed: 6/7/2018
Time Printed: 9:02:54AM

FEE CODE	FEE DESC	ITEMS	TOT PAID	TOT MONEY	CASH	CHECKS	MO	HB 2398	CC	JT	CSR	OTHER	GL CODE
AFCAF	COUNTY ARREST FEE	54	180.46	180.46	65.77	0.00	22.80	0.00	91.89	0.00	0.00	0.00	0100-0000-341804
AFDPS	DPS ARREST FEE	288	1,188.40	1,170.70	147.40	0.00	218.65	0.00	804.65	17.70	0.00	0.00	0399-0000-208400
AFPWA	PARKS & WILDLIFE ARREST	10	44.40	44.40	6.30	0.00	0.00	0.00	38.10	0.00	0.00	0.00	0399-0000-208400
CAF	COUNTY ARREST FEE	1	1.08	1.08	0.00	0.00	1.08	0.00	0.00	0.00	0.00	0.00	0100-0000-341804
CS	CHILD SAFETY	4	60.69	60.69	40.69	0.00	0.00	0.00	20.00	0.00	0.00	0.00	0100-0000-341804
CVC	CRIME VICTIMS FUND	1	6.15	6.15	0.00	0.00	0.00	0.00	6.15	0.00	0.00	0.00	0399-0000-208300
DIS	DISMISSAL FEE	22	220.00	220.00	90.00	0.00	50.00	0.00	80.00	0.00	0.00	0.00	0100-0000-341804
DLQ	DELINQUENT COLLECTIONS	35	2,413.72	2,413.72	201.93	0.00	404.97	0.00	1,806.82	0.00	0.00	0.00	01.0100.0000.20701
DSC	DEFENSIVE DRIVING	66	613.80	613.80	58.51	0.00	316.70	0.00	238.59	0.00	0.00	0.00	0100-0000-341804
FINE	FINE	577	51,487.52	49,617.72	6,536.57	200.00	5,108.30	0.00	37,772.85	1,869.80	0.00	0.00	0100-0000-351304
JCPT	JUDICIAL COURT PERSONNE	1	0.82	0.82	0.00	0.00	0.00	0.00	0.82	0.00	0.00	0.00	0399-0000-208500
PWF	PARKS AND WILDLIFE FINE	15	927.50	927.50	170.00	0.00	118.00	0.00	639.50	0.00	0.00	0.00	0100-0000-209600
TFC	TRAFFIC	228	547.79	538.79	55.84	0.00	128.28	0.00	354.67	9.00	0.00	0.00	0100-0000-341804

***** The Following Fees Do Not Match Any Of The Column Definitions, Therefore Are Included In The "All Other" Column*****

Detailed report has been sent to Auditor's Office.

FEE CODE	FEE DESC	ITEMS	TOT PAID	TOT MONEY	CASH	CHECKS	MO	HB2398	CC	JAIL TIME	CSR	OTHER	GL CODE
AFC2.	CONTABLE ARREST FEE	1	5.00	5.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	0100-0000-341912
AFC4.	CONTABLE ARREST FEE	4	12.75	12.75	6.30	0.00	0.00	0.00	6.45	0.00	0.00	0.00	0100-0000-341914
AFHPD	HUTTO POLICE DEPARTM	1	5.00	5.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	0100-0000-341804
AFTPD	TAYLOR POLICE DEPART	1	1.10	1.10	1.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0100-0000-341804
BOND	CASH BOND	2	824.00	824.00	0.00	824.00	0.00	0.00	0.00	0.00	0.00	0.00	01-0100-0000-20700
C1W.	CONSTABLE 1 WARRANT	1	8.77	8.77	0.00	0.00	0.00	0.00	8.77	0.00	0.00	0.00	0100-0000-341911
C3W.	CONSTABLE 3 WARRANT	8	194.01	194.01	0.00	0.00	0.00	0.00	194.01	0.00	0.00	0.00	0100-0000-341913
C4W.	CONSTABLE 4 WARRANT	77	1,897.71	1,749.31	161.25	0.00	133.07	0.00	1,454.99	148.40	0.00	0.00	0100-0000-341914
CCC	CONSOLIDATED COURT (	399	12,224.22	12,077.05	1,936.16	0.00	1,958.34	0.00	8,182.55	147.17	0.00	0.00	0399-0000-208160
CHS	COURTHOUSE SECURITY	399	917.74	906.70	145.24	0.00	146.91	0.00	614.55	11.04	0.00	0.00	0360-0000-341150
CHS2A	COURTHOUSE SECURITY	396	304.51	301.37	48.40	0.00	48.99	0.00	203.98	3.14	0.00	0.00	0361-0000-341154
COM	COMMITMENT	40	111.34	77.94	10.77	0.00	39.76	0.00	27.41	33.40	0.00	0.00	0100-0000-341804
CWF	WILLIAMSON COUNTY W	11	333.04	133.04	0.00	0.00	108.00	0.00	25.04	200.00	0.00	0.00	0100-0000-341804
FA	FUGITIVE APPREHENSIOI	1	2.05	2.05	0.00	0.00	0.00	0.00	2.05	0.00	0.00	0.00	0399-0000-208170
GTWF	GEORGETOWN POLICE D	1	6.57	6.57	0.00	0.00	6.57	0.00	0.00	0.00	0.00	0.00	0100-0000-341804
GWF	GRANGER POLICE DEPAF	1	50.00	50.00	0.00	0.00	50.00	0.00	0.00	0.00	0.00	0.00	0100-0000-341804
HISDPD	HUTTO ISD POLICE DEPT	3	15.00	15.00	0.00	0.00	0.00	0.00	15.00	0.00	0.00	0.00	0100-0000-341804
HWF	HUTTO POLICE DEPARTM	5	79.53	79.53	0.00	0.00	50.00	0.00	29.53	0.00	0.00	0.00	0100-0000-341804
IDF	INDIGENT DEFENSE FEE	396	609.02	602.74	96.82	0.00	97.96	0.00	407.96	6.28	0.00	0.00	0399.0000.208703
JCD	JUVENILE CRIME & DELI	1	0.10	0.10	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0399-0000-208180
JCM	JUVENILE CASE MANAGI	389	1,518.84	1,503.14	240.94	0.00	243.39	0.00	1,018.81	15.70	0.00	0.00	0103690000370000
JCTF	JUSTICE COURT TECHNO	398	1,222.06	1,207.34	193.64	0.00	195.89	0.00	817.81	14.72	0.00	0.00	0372-0000-341144
JRF	STATE JURY REIMBURSE	396	1,218.06	1,205.50	193.64	0.00	195.89	0.00	815.97	12.56	0.00	0.00	0399-0000-208235
JSF	JUDICIAL SUPPORT FEE	396	1,827.02	1,808.19	290.45	0.00	293.82	0.00	1,223.92	18.83	0.00	0.00	0399-0000-208352
MISC REV	MISCELLANIOUS REVENI	1	1.00	1.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0100-0000-370500
MV	STATE CIVIL JUSTICE DA	232	19.18	18.88	2.69	0.00	4.18	0.00	12.01	0.30	0.00	0.00	0399-0000-208415
OGW	OVER GROSS WEIGHT	7	200.00	200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0399-0000-208850
OVER	OVER PAYMENT OF FINE	1	(310.10)	(310.10)	(310.10)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0100-0000-209700
PPDWF	PFLUGERVILLE POLICE I	1	50.00	50.00	0.00	0.00	50.00	0.00	0.00	0.00	0.00	0.00	0100-0000-341804
REL	RELEASE	40	111.34	77.94	10.77	0.00	39.76	0.00	27.41	33.40	0.00	0.00	0100-0000-341804
RRWF	ROUND ROCK POLICE DE	2	95.40	95.40	0.00	0.00	45.40	0.00	50.00	0.00	0.00	0.00	0100-0000-341804
SPF	SPECIAL PROCESSING FE	6	649.55	649.55	99.55	0.00	0.00	0.00	550.00	0.00	0.00	0.00	0100-0000-341804
STF	STATE TRAFFIC FEE	228	5,477.91	5,387.91	558.34	0.00	1,282.83	0.00	3,546.74	90.00	0.00	0.00	0399-0000-208425
SUB	SUBPOENA FEE	36	128.24	128.24	25.00	0.00	28.70	0.00	74.54	0.00	0.00	0.00	0100-0000-341914
SUM	SUMMONS FEE	34	93.28	91.88	40.68	0.00	0.00	0.00	51.20	1.40	0.00	0.00	0100-0000-341914
TP	TIME PAYMENT	125	1,723.91	1,620.43	209.94	0.00	139.96	0.00	1,270.53	103.48	0.00	0.00	0399-0000-208860
TPDF	TRUANCY PREVENTION .	363	579.50	573.50	90.38	0.00	97.02	0.00	386.10	6.00	0.00	0.00	01-0399-0000-20803
TWF	TAYLOR POLICE DEPART	1	5.98	5.98	5.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0100-0000-341804
TWFIN	TOLLWAY ADMINISTRAT	20	736.54	722.76	0.92	0.00	33.65	0.00	688.19	13.78	0.00	0.00	0100-0000-207027

Detailed report has been sent to Auditor's Office.

TOTALS SUMMARY	5726	90,641.50	87,885.40	11,431.87	1,024.00	11,859.87	0.00	63,569.66	$2,756.10	0.00	0.00

Direct Deposit	$0.00			**HB2398**	$0.00	
Cash	$11,431.87			**CSR Credit**	$0.00	**Post for Refund** $0.00
Checks	$1,024.00			**Jail Credit**	$2,756.10	**Over Payments** $0.00
Money Orders	$11,859.87					
Credit Cards :	$63,569.66	**Escrow Payments**	$0.00	**Transaction Fee** $0.00	**Non-Monetary**	$0.00

TOTAL CURRENCY	$87,885.40	**ESCROW PAID**	$0.00	**TRAN. FEES**	$0.00	**TOTAL**	$2,756.10	**TOTAL PAID**	$0.00

Detailed report has been sent to Auditor's Office.

CRIMINAL

211 W. 6th St.
P.O. Box 588
Taylor, Texas 76574

Payment Register: GL Code Recap
Williamson County Justice of the Peace, Pct. 4
By Date 05/01/2018-05/31/2018

Date Printed: 6/7/2018
Time Printed: 9:02:54AM

GL CODE	GL CODE DESCRIPTION	CURRENCY	CREDIT CARD	OTHERS	DIRECT DEPOSIT	HB 2398	TOTALS
01-0100-0000-207008		824.00	0.00	0.00	0.00	0.00	824.00
0100-0000-209600		288.00	639.50	0.00	0.00	0.00	927.50
0100-0000-209700		(310.10)	0.00	0.00	0.00	0.00	(310.10)
0100-0000-341804		1,347.33	1,514.54	275.80	0.00	0.00	3,137.67
0100-0000-341911		0.00	8.77	0.00	0.00	0.00	8.77
0100-0000-341912		0.00	5.00	0.00	0.00	0.00	5.00
0100-0000-341913		0.00	194.01	0.00	0.00	0.00	194.01
0100-0000-341914		395.00	1,587.18	149.80	0.00	0.00	2,131.98
0100-0000-351304		11,844.87	37,772.85	1,869.80	0.00	0.00	51,487.52
0100-0000-370500		1.00	0.00	0.00	0.00	0.00	1.00
0360-0000-341150		292.15	614.55	11.04	0.00	0.00	917.74
0361-0000-341154		97.39	203.98	3.14	0.00	0.00	304.51
0372-0000-341144		389.53	817.81	14.72	0.00	0.00	1,222.06
0399-0000-208160		3,894.50	8,182.55	147.17	0.00	0.00	12,224.22
0399-0000-208170		0.00	2.05	0.00	0.00	0.00	2.05
0399-0000-208180		0.00	0.10	0.00	0.00	0.00	0.10
0399-0000-208235		389.53	815.97	12.56	0.00	0.00	1,218.06
0399-0000-208300		0.00	6.15	0.00	0.00	0.00	6.15
0399-0000-208352		584.27	1,223.92	18.83	0.00	0.00	1,827.02
0399-0000-208400		372.35	842.75	17.70	0.00	0.00	1,232.80
0399-0000-208425		1,841.17	3,546.74	90.00	0.00	0.00	5,477.91
0399-0000-208500		0.00	0.82	0.00	0.00	0.00	0.82
0399-0000-208850		200.00	0.00	0.00	0.00	0.00	200.00
0399-0000-208860		349.90	1,270.53	103.48	0.00	0.00	1,723.91
0399.0000.208703		194.78	407.96	6.28	0.00	0.00	609.02
0399-0000-208415		6.87	12.01	0.30	0.00	0.00	19.18
0100-0000-207027		34.57	688.19	13.78	0.00	0.00	736.54
01.0100.0000.207017	DLQ FEE	606.90	1,806.82	0.00	0.00	0.00	2,413.72
0103690000370000	JUVENILE CASE MANAGER FUND	484.33	1,018.81	15.70	0.00	0.00	1,518.84
01-0399-0000-208034	TRUANCY PREVENTION AND DIVEI	187.40	386.10	6.00	0.00	0.00	579.50
TOTALS :		24,315.74	63,569.66	2,756.10	0.00	0.00	90,641.50

Detailed report has been sent to Auditor's Office.

CRIMINAL

Commissioners Court - Regular Session **13.**

Meeting Date: 06/19/2018

Donation of first aid kits and tourniquets for Sheriff's Office

Submitted For: Robert Chody **Submitted By:** Starla Hall, Sheriff

Department: Sheriff

Agenda Category: Consent

Information

Agenda Item

Discuss, consider and take appropriate action to accept a donation of (10) first aid kits and (15) tourniquets for the Sheriff's Office from Marilie and Carson Walker.

Background

Marilie and Carson Walker donated (10) FA-187 Military IFAK First Aid Kits and (15) CAT Recon Medical Tourniquets Gen 3 to the Williamson County Sheriff's Office. This is the Walker's 3rd donation to the Sheriff's Office. They previously donated ballistic body armor plates and plate carriers in 2017.

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

No file(s) attached.

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Wendy Coco	06/12/2018 12:44 PM
Form Started By: Starla Hall		Started On: 06/11/2018 08:26 AM
Final Approval Date: 06/12/2018		

Commissioners Court - Regular Session **14.**

Meeting Date: 06/19/2018

ESD 5 Appointment of David Bray

Submitted For: Valerie Covey **Submitted By:** Debra Babcock, Commissioner Pct. #3

Department: Commissioner Pct. #3

Agenda Category: Consent

Information

Agenda Item

Discuss, consider and take appropriate action on appointing David Bray to the Jarrell ESD #5 open board position with the term commencing effective immediately and continuing thereafter until December 31, 2018.

Background

David Bray will fill the unexpired term left by the resignation of Dale Herrmann.. Application and resume are available on request. Candidate was interviewed by Commissioner Covey.

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

No file(s) attached.

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Wendy Coco	06/11/2018 09:41 AM
Form Started By: Debra Babcock		Started On: 06/08/2018 04:02 PM
Final Approval Date: 06/11/2018		

Commissioners Court - Regular Session **15.**

Meeting Date: 06/19/2018

ESD2

Submitted By: Rebecca Clemons, County Judge

Department: County Judge

Agenda Category: Consent

Information

Agenda Item

Acknowledge and enter into the official minutes the annual financial report for ESD #2.

Background

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

ESD.2

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst. (Originator)	Wendy Coco	06/11/2018 03:30 PM
Form Started By: Rebecca Clemons		Started On: 06/11/2018 02:48 PM
Final Approval Date: 06/11/2018		

WILLIAMSON COUNTY EMERGENCY SERVICES DISTRICT NO. 2

WILLIAMSON COUNTY, TEXAS

ANNUAL FINANCIAL REPORT

DECEMBER 31, 2017

McCALL GIBSON SWEDLUND BARFOOT PLLC
Certified Public Accountants

WILLIAMSON COUNTY EMERGENCY SERVICES DISTRICT NO. 2

WILLIAMSON COUNTY, TEXAS

ANNUAL FINANCIAL REPORT

DECEMBER 31, 2017

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McCALL GIBSON SWEDLUND BARFOOT PLLC

Certified Public Accountants

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INDEPENDENT AUDITOR'S REPORT

Board of Commissioners
Williamson County Emergency
Services District No. 2
Williamson County, Texas

We have audited the accompanying financial statements of the governmental activities and major fund of Williamson County Emergency Services District No. 2 (the "District"), as of and for the year ended December 31, 2017, and the related notes to the financial statements, which collectively comprise the District's basic financial statements as listed in the table of contents.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express opinions on these financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

Opinions

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the governmental activities and major fund of the District as of December 31, 2017, and the respective changes in financial position for the year then ended in accordance with accounting principles generally accepted in the United States of America.

Other Matters

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the Management's Discussion and Analysis and the Schedule of Revenues, Expenditures, and Changes in Fund Balance – Budget and Actual – General Fund be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Other Information

Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise the District's basic financial statements. The other supplementary information is presented for purposes of additional analysis and is not a required part of the basic financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the basic financial statements. The supplementary information, excluding that portion marked "Unaudited" on which we express no opinion or provide any assurance, has been subjected to the auditing procedures applied in the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the information is fairly stated, in all material respects, in relation to the basic financial statements as a whole.

McCall Gibson Swedlund Barfoot PLLC
Certified Public Accountants
Houston, Texas

April 19, 2018

WILLIAMSON COUNTY EMERGENCY SERVICES DISTRICT NO. 2
MANAGEMENT'S DISCUSSION AND ANALYSIS
FOR THE YEAR ENDED DECEMBER 31, 2017

Management's discussion and analysis of Williamson County Emergency Services District No. 2's (the "District") financial performance provides an overview of the District's financial activities for the fiscal year ended December 31, 2017. Please read it in conjunction with the District's financial statements.

USING THIS ANNUAL REPORT

This annual report consists of a series of financial statements. The basic financial statements include: (1) combined fund financial statements and government-wide financial statements and (2) notes to the financial statements. The combined fund financial statements and government-wide financial statements combine both: (1) the Statement of Net Position and Governmental Funds Balance Sheet and (2) the Statement of Activities and Governmental Fund Statement of Revenues, Expenditures and Changes in Fund Balance. This report also includes required and other supplementary information in addition to the basic financial statements.

GOVERNMENT-WIDE FINANCIAL STATEMENTS

The District's annual report includes two financial statements combining the government-wide financial statements and the fund financial statements. The government-wide financial statements provide both long-term and short-term information about the District's overall status. Financial reporting at this level uses a perspective similar to that found in the private sector with its basis in full accrual accounting and elimination or reclassification of internal activities.

The Statement of Net Position includes all the District's assets, liabilities and deferred inflows and outflows of resources, with the difference reported as net position. Over time, increases or decreases in net position may serve as a useful indicator of whether the financial position of the District as a whole is improving or deteriorating. Evaluation of the overall health of the District would extend to other non-financial factors.

The Statement of Activities reports how the District's net position changed during the current fiscal year. All current year revenues and expenses are included regardless of when cash is received or paid.

FUND FINANCIAL STATEMENTS

The combined statements also include fund financial statements. A fund is a grouping of related accounts that is used to maintain control over resources that have been segregated for specific activities or objectives. The District has one governmental fund type. The General Fund accounts for resources not accounted for in another fund, property tax revenues, costs of assessing and collecting taxes, and general expenditures.

FUND FINANCIAL STATEMENTS (Continued)

Governmental funds are reported in each of the financial statements. The focus in the fund financial statements provides a distinctive view of the District's governmental funds. These statements report short-term fiscal accountability focusing on the use of spendable resources and balances of spendable resources available at the end of the year. They are useful in evaluating annual financing requirements of the District and the commitment of spendable resources for the near-term.

Since the government-wide focus includes the long-term view, comparisons between these two perspectives may provide insight into the long-term impact of short-term financing decisions. The adjustments columns, the Reconciliation of the Governmental Funds Balance Sheet to the Statement of Net Position and the Reconciliation of the Governmental Fund Statement of Revenues, Expenditures and Changes in Fund Balance to the Statement of Activities explain the differences between the two presentations and assist in understanding the differences between these two perspectives.

NOTES TO THE FINANCIAL STATEMENTS

The accompanying notes to the financial statements provide information essential to a full understanding of the government-wide and fund financial statements.

OTHER INFORMATION

In addition to the financial statements and accompanying notes, this report also presents certain required supplementary information ("RSI"). The budgetary comparison schedule is included as RSI for the General Fund.

GOVERNMENT-WIDE FINANCIAL ANALYSIS

Net position may serve over time as a useful indicator of the District's financial position. In the case of the District, assets exceeded liabilities and deferred inflows of resources by $4,489,941 as of December 31, 2017.

A portion of the District's net position reflects its net investment in capital assets (buildings, vehicles and equipment less any debt used to acquire those assets that is still outstanding). The District uses these assets to provide for firefighting and emergency services.

GOVERNMENT-WIDE FINANCIAL ANALYSIS (Continued)

The following is a comparative analysis of government-wide changes in net position:

	Summary of Changes in the Statement of Net Position		
	2017	2016	Change Positive (Negative)
Current and Other Assets	$ 9,652,330	$ 4,557,221	$ 5,095,109
Capital Assets (Net of Accumulated Depreciation)	3,050,766	2,156,158	894,608
Total Assets	$ 12,703,096	$ 6,713,379	$ 5,989,717
Long -Term Liabilities	$ 4,933,570	$	$ (4,933,570)
Other Liabilities	271,027	77,498	(193,529)
Total Liabilities	$ 5,204,597	$ 77,498	$ (5,127,099)
Deferred Inflows of Resources	$ 3,008,558	$ 2,768,261	$ (240,297)
Net Position:			
Net Investment in Capital Assets	$ 2,401,049	$ 2,094,499	$ 306,550
Unrestricted	2,088,892	1,773,121	315,771
Total Net Position	$ 4,489,941	$ 3,867,620	$ 622,321

The following table provides a summary of the District's operations for the years ended December 31, 2017, and December 31, 2016.

	Summary of Changes in the Statement of Activities		
	2017	2016	Change Positive (Negative)
Revenues:			
Property Taxes	$ 2,766,916	$ 2,520,825	$ 246,091
Mutual Aid Revenues	25,138	24,293	845
Other Revenues	63,509	26,533	36,976
Total Revenues	$ 2,855,563	$ 2,571,651	$ 283,912
Expenses for Services	(2,233,242)	(1,804,661)	(428,581)
Change in Net Position	$ 622,321	$ 766,990	$ (144,669)
Net Position, Beginning of Year	3,867,620	3,100,630	766,990
Net Position, End of Year	$ 4,489,941	$ 3,867,620	$ 622,321

FINANCIAL ANALYSIS OF THE DISTRICT'S GOVERNMENTAL FUNDS

The District's General Fund fund balance as of December 31, 2017, was $6,620,302, an increase of $4,880,080 from the prior year. This increase was primarily due to capital lease and note proceeds.

GENERAL FUND BUDGETARY HIGHLIGHTS

The Board of Commissioners amended the budget during the current fiscal year, increasing expected capital outlay and debt payments. Actual revenues were $108,359 more than budgeted revenues. Actual expenditures were $164,697 less than budgeted expenditures.

CAPITAL ASSETS

Capital assets as of December 31, 2017, total $3,050,766 (net of accumulated depreciation) and include buildings, vehicles and equipment. Significant capital asset events during the current fiscal year included engineering and architect costs for construction of fire station no. 3 and the purchase of a 2018 Pierce Pumper, all of which is included in construction in progress.

Capital Assets At Year-End, Net of Accumulated Depreciation

	2017	2016	Change Positive (Negative)
Capital Assets Not Being Depreciated:			
Land and Land Improvements	$ 209,694	$ 209,694	$
Construction in Progress	1,183,452	102,721	1,080,731
Capital Assets, Net of Accumulated Depreciation:			
Buildings and Improvements	1,261,523	1,316,296	(54,773)
Firefighting Vehicles and Equipment	396,097	527,447	(131,350)
Total Net Capital Assets	$ 3,050,766	$ 2,156,158	$ 894,608

Additional information on the District's capital assets can be found in Note 6 of this report.

LONG-TERM DEBT ACTIVITY

At the end of the current fiscal year, the District had total long-term debt payable of $5,149,717. The changes in the debt position of the District during the fiscal year ended December 31, 2017, are summarized as follows:

Capital Lease Payable, January 1, 2017	$	
Add: Capital Lease Proceeds		731,806
Less: Capital Lease Principal Paid		82,089
Capital Lease Payable, December 31, 2017	$	649,717

Notes Payable, January 1, 2017	$	61,659
Add: Note Proceeds		4,500,000
Less: Note Principal Paid		61,659
Notes Payable, December 31, 2017	$	4,500,000

CONTACTING THE DISTRICT'S MANAGEMENT

This financial report is designed to provide a general overview of the District's finances. Questions concerning any of the information provided in this report or requests for additional information should be addressed to Williamson County Emergency Services District No. 2, 16248 Great Oaks Drive, Round Rock, TX 78681.

WILLIAMSON COUNTY EMERGENCY SERVICES DISTRICT NO. 2
STATEMENT OF NET POSITION AND
GOVERNMENTAL FUNDS BALANCE SHEET
DECEMBER 31, 2017

	General Fund	Adjustments	Statement of Net Position
ASSETS			
Cash	$ 38,633	$	$ 38,633
Investments	8,605,101		8,605,101
Receivables:			
Property Taxes	990,858		990,858
Penalty and Interest on Delinquent Taxes		6,744	6,744
Accrued Interest	6,284		6,284
Prepaid Costs	4,710		4,710
Land		209,694	209,694
Construction in Progress		1,183,452	1,183,452
Capital Assets (Net of Accumulated Depreciation)		1,657,620	1,657,620
TOTAL ASSETS	$ 9,645,586	$ 3,057,510	$ 12,703,096
LIABILITIES			
Accounts Payable	$ 4,641	$	$ 4,641
Accrued Interest Payable		50,239	50,239
Long-Term Liabilities:			
Capital Leases Payable Within One Year		64,872	64,872
Capital Leases Payable After One Year		584,845	584,845
Notes Payable Within One Year		151,275	151,275
Notes Payable After One Year		4,348,725	4,348,725
TOTAL LIABILITIES	$ 4,641	$ 5,199,956	$ 5,204,597
DEFERRED INFLOWS OF RESOURCES			
Property Taxes	$ 3,020,643	$ (12,085)	$ 3,008,558
FUND BALANCE			
Nonspendable:			
Prepaid Costs	$ 4,710	$ (4,710)	$
Restricted for Station Construction	4,500,000	(4,500,000)	
Assigned to 2018 Budget	411,075	(411,075)	
Unassigned	1,704,517	(1,704,517)	
TOTAL FUND BALANCE	$ 6,620,302	$ (6,620,302)	$ - 0 -
TOTAL LIABILITIES, DEFERRED INFLOWS OF RESOURCES AND FUND BALANCE	$ 9,645,586		
NET POSITION			
Net Investment in Capital Assets		$ 2,401,049	$ 2,401,049
Unrestricted		2,088,892	2,088,892
TOTAL NET POSITION		$ 4,489,941	$ 4,489,941

The accompanying notes to the financial statements are an integral part of this report.

WILLIAMSON COUNTY EMERGENCY SERVICES DISTRICT NO. 2
RECONCILIATION OF THE GOVERNMENTAL FUNDS BALANCE SHEET TO THE STATEMENT OF NET POSITION
DECEMBER 31, 2017

Total Fund Balance - Governmental Funds		$ 6,620,302
Amounts reported for governmental activities in the Statement of Net Position are different because:		
Land, construction in progress and capital assets used in governmental activities are not financial resources and, therefore, are not reported as assets in the governmental funds.		3,050,766
Deferred inflows of resources related to property tax revenues and uncollected penalty and interest revenues on delinquent taxes for the 2016 and prior tax levies became part of recognized revenues in the governmental activities of the District.		18,829
Certain liabilities are not due and payable in the current period and, therefore, are not reported as liabilities in the governmental funds. These liabilities at year end consist of:		
Accrued Interest Payable	$ 50,239	
Capital Leases Payable Within One Year	64,872	
Capital Leases Payable After One Year	584,845	
Notes Payable Within One Year	151,275	
Notes Payable After One Year	4,348,725	(5,199,956)
Total Net Position - Governmental Activities		$ 4,489,941

The accompanying notes to the financial statements are an integral part of this report.

WILLIAMSON COUNTY EMERGENCY SERVICES DISTRICT NO. 2
STATEMENT OF ACTIVITIES AND GOVERNMENTAL FUND STATEMENT OF REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCE
FOR THE YEAR ENDED DECEMBER 31, 2017

	General Fund	Adjustments	Statement of Activities
REVENUES			
Property Taxes	$ 2,775,600	$ (8,684)	$ 2,766,916
Mutual Aid Revenues	25,138		25,138
Penalty and Interest	6,463	(5,386)	1,077
Investment Revenues	27,413		27,413
Miscellaneous Revenues	19	35,000	35,019
TOTAL REVENUES	$ 2,834,633	$ 20,930	$ 2,855,563
EXPENDITURES/EXPENSES			
Service Operations:			
District Services - Sam Bass Fire Department	$ 1,890,592	$	$ 1,890,592
Accounting and Auditing Fees	39,135		39,135
Appraisal District Fees	18,534		18,534
Commissioner Fees	4,450		4,450
Legal Fees-General	2,004		2,004
Legal Fees-Delinquent Tax Collections	807		807
Tax Assessor/Collector Fees	2,388		2,388
Depreciation		186,123	186,123
Other	30,980		30,980
Capital Outlay	1,080,731	(1,080,731)	
Debt Service:			
Capital Lease Principal	82,089	(82,089)	
Note Principal	61,659	(61,659)	
Capital Lease Interest		3,249	3,249
Note Interest	240	46,990	47,230
Debt Issuance Costs	7,750		7,750
TOTAL EXPENDITURES/EXPENSES	$ 3,221,359	$ (988,117)	$ 2,233,242
EXCESS (DEFICIENCY) OF REVENUES OVER EXPENDITURES	$ (386,726)	$ 386,726	$ -0-
OTHER FINANCING SOURCES (USES)			
Capital Lease Proceeds	$ 731,806	$ (731,806)	$
Note Proceeds	4,500,000	(4,500,000)	
Proceeds from Sale of Assets	35,000	(35,000)	
TOTAL OTHER FINANCING SOURCES (USES)	$ 5,266,806	$ (4,535,000)	$ -0-
NET CHANGE IN FUND BALANCE	$ 4,880,080	$ (4,880,080)	$
CHANGE IN NET POSITION		622,321	622,321
FUND BALANCE/NET POSITION - JANUARY 1, 2017	1,740,222	2,127,398	3,867,620
FUND BALANCE/NET POSITION - DECEMBER 31, 2017	$ 6,620,302	$ (2,130,361)	$ 4,489,941

The accompanying notes to the financial statements are an integral part of this report.

WILLIAMSON COUNTY EMERGENCY SERVICES DISTRICT NO. 2
RECONCILIATION OF THE GOVERNMENTAL FUND STATEMENT OF REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCE TO THE STATEMENT OF ACTIVITIES FOR THE YEAR ENDED DECEMBER 31, 2017

Net Change in Fund Balance - Governmental Funds	$	4,880,080
Amounts reported for governmental activities in the Statement of Activities are different because:		
Governmental funds report tax revenues when collected. However, in the government-wide financial statements, revenues are recorded in the accounting period for which the taxes are levied.		(8,684)
Governmental funds report penalty and interest revenues on delinquent property taxes when collected. However, in the government-wide financial statements, revenues are recorded when penalty and interest are assessed.		(5,386)
Governmental funds do not account for depreciation. However, in the government-wide financial statements, capital assets are depreciated and depreciation expense is recorded in the Statement of Activities.		(186,123)
Governmental funds report capital asset purchases as expenditures in the period purchased. However, in the government-wide financial statements, capital assets are increased by new purchases that meet the District's threshold for capitalization, and are owned and maintained by the District. All other capital asset purchases are expensed in the Statement of Activities.		1,080,731
Governmental funds report principal payments on long-term liabilities as expenditures. However, in the government-wide financial statements, principal payments decrease long-term liabilities and the Statement of Activities is not affected.		143,748
Governmental funds report note and capital lease proceeds as other financing sources. However, in the government-wide financial statements, the issuance of debt increases long-term liabilities in the Statement of Net Position and does not affect the Statement of Activities.		(5,231,806)
Governmental funds report interest payments on capital leases and notes as expenditures in the year paid. However, in the Statement of Net Position, interest is accrued on leases and notes through fiscal year-end.		(50,239)
Change in Net Position - Governmental Activities	$	622,321

The accompanying notes to the financial statements are an integral part of this report.

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NOTE 1. CREATION OF DISTRICT

Williamson County Rural Fire Prevention District No. 2 was created November 3, 1987, under Chapter 794 of the Health and Safety Code. At an election held on August 9, 1997, voters approved to convert the District to an emergency services district. Effective September 8, 1997, the District became Williamson County Emergency Services District No. 2 (the "District"). The District now operates under Chapter 775 of the Health and Safety Code. The District was established to provide operating and capital funds for the contracting of fire protection services to the residents of the District.

NOTE 2. SIGNIFICANT ACCOUNTING POLICIES

The accompanying financial statements have been prepared in accordance with accounting principles generally accepted in the United States of America as promulgated by the Governmental Accounting Standards Board ("GASB").

The District is a political subdivision of the State of Texas governed by an appointed board. GASB has established the criteria for determining whether an entity is a primary government or a component unit of a primary government. The primary criteria are that it has a separately elected governing body, it is legally separate, and it is fiscally independent of other state and local governments. Under these criteria, the District is considered a primary government and is not a component unit of any other government. Additionally, no other entities meet the criteria for inclusion in the District's financial statement as component units.

Financial Statement Presentation

These financial statements have been prepared in accordance with GASB Codification of Governmental Accounting and Financial Reporting Standards Part II, Financial Reporting.

GASB Codification sets forth standards for external financial reporting for all state and local government entities, which include a requirement for a Statement of Net Position and a Statement of Activities. It requires the classification of net position into three components: Net Investment in Capital Assets; Restricted; and Unrestricted. These classifications are defined as follows:

- Net Investment in Capital Assets – This component of net position consists of capital assets, including restricted capital assets, net of accumulated depreciation and reduced by the outstanding balances of any bonds, mortgages, notes, or other borrowings that are attributable to the acquisition, construction, or improvements of those assets.

NOTE 2. SIGNIFICANT ACCOUNTING POLICIES (Continued)

Financial Statement Presentation (Continued)

- Restricted Net Position – This component of net position consists of external constraints placed on the use of assets imposed by creditors (such as through debt covenants), grantors, contributors, or laws or regulation of other governments or constraints imposed by law through constitutional provisions or enabling legislation.

- Unrestricted Net Position – This component of net position consists of assets that do not meet the definition of Restricted or Net Investment in Capital Assets.

When both restricted and unrestricted resources are available for use, generally it is the District's policy to use restricted resources first.

Government-Wide Financial Statements

The Statement of Net Position and the Statement of Activities display information about the District as a whole. The District's Statement of Net Position and Statement of Activities are combined with the governmental fund financial statements. The District is viewed as a special-purpose government and has the option of combining these financial statements.

The Statement of Net Position is reported by adjusting the governmental fund types to report on the full accrual basis, economic resource basis, which recognizes all long-term assets and receivables as well as long-term debt and obligations. Any amounts recorded due to and due from other funds are eliminated in the Statement of Net Position.

The Statement of Activities is reported by adjusting the governmental fund types to report only items related to current year revenues and expenditures. Items such as capital outlay are allocated over their estimated useful lives as depreciation expense. Internal activities between governmental funds, if any, are eliminated by adjustment to obtain net total revenues and expenses in the government-wide Statement of Activities.

Fund Financial Statements

As discussed above, the District's fund financial statements are combined with the government-wide financial statements. The fund financial statements include a Governmental Funds Balance Sheet and Governmental Fund Statement of Revenues, Expenditures and Changes in Fund Balance.

NOTE 2. SIGNIFICANT ACCOUNTING POLICIES (Continued)

Financial Statement Presentation (Continued)

Fund Financial Statements (Continued)

Governmental Funds

The District has one governmental fund; therefore, it is a major fund.

General Fund - To account for resources not required to be accounted for in another fund, property tax revenues, costs of assessing and collecting taxes and general expenditures.

Basis of Accounting

The District uses the modified accrual basis of accounting for governmental fund types. The modified accrual basis of accounting recognizes revenues when both "measurable and available." Measurable means the amount can be determined. Available means collectible within the current period or soon enough thereafter to pay current liabilities. The District considers revenues reported in governmental funds to be available if they are collectible within 60 days after year-end. Also, under the modified accrual basis of accounting, expenditures are recorded when the related fund liability is incurred, except for principal and interest on long-term debt, which are recognized as expenditures when payment is due.

Property taxes considered available by the District and recorded as revenues include the 2016 tax levy collections during the period October 1, 2016, to December 31, 2017, and taxes collected from January 1, 2017, to December 31, 2017, for all prior tax levies. The 2017 tax levy has been fully deferred to meet the District's planned expenditures in the 2018 fiscal year.

Capital Assets

Capital assets, which include land, buildings and equipment, are reported in the government-wide Statement of Net Position. All capital assets are valued at historical cost or estimated historical cost if actual historical cost is not available. Donated assets are valued at their fair market value on the date donated. Repairs and maintenance are recorded as an expenditure in the governmental fund incurred and as an expense in the government-wide Statement of Activities. Capital asset additions, improvements and preservation costs that extend the life of an asset are capitalized and depreciated over the estimated useful life of the asset.

NOTE 2. SIGNIFICANT ACCOUNTING POLICIES (Continued)

Capital Assets (Continued)

All capital assets are capitalized if they have an original cost of $5,000 or more and a useful life of at least two years. Depreciation is calculated on each class of depreciable property using no salvage value and the straight-line method of depreciation. Estimated useful lives are as follows:

	Years
Buildings and Improvements	40
Firefighting Vehicles	5-15
Equipment	4-15
Office Equipment and Furnishings	2-10

Budgeting

In compliance with governmental accounting principles, the Board of Commissioners annually adopts an unappropriated budget for the General Fund. The budget was amended during the current fiscal year.

Pensions

The District has not established a pension plan as the District does not have employees. The Internal Revenue Service has determined that fees of office received by Commissioners are wages subject to federal income tax withholding for payroll tax purposes only.

Measurement Focus

Measurement focus is a term used to describe which transactions are recognized within the various financial statements. In the government-wide Statement of Net Position and Statement of Activities, the governmental activities are presented using the economic resources measurement focus. The accounting objectives of this measurement focus are the determination of operating income, changes in net position, financial position, and cash flows. All assets, liabilities, and deferred inflows and outflows of resources associated with the activities are reported. Fund equity is classified as net position.

Governmental fund types are accounted for on a spending or financial flow measurement focus. Accordingly, only current assets and current liabilities are included on the Governmental Funds Balance Sheet, and the reported fund balances provide an indication of available spendable or appropriable resources. Operating statements of governmental fund types report increases and decreases in available spendable resources. Fund balances in governmental funds are classified using the following hierarchy:

NOTE 2. SIGNIFICANT ACCOUNTING POLICIES (Continued)

Measurement Focus (Continued)

Nonspendable: amounts that cannot be spent either because they are in nonspendable form or because they are legally or contractually required to be maintained intact.

Restricted: amounts that can be spent only for specific purposes because of constitutional provisions, or enabling legislation, or because of constraints that are imposed externally. Note proceeds of $4,500,000 are restricted for the construction of station no. 3. See Note 9.

Committed: amounts that can be spent only for purposes determined by a formal action of the Board of Commissioners. The Board is the highest level of decision-making authority for the District. This action must be made no later than the end of the fiscal year. Commitments may be established, modified, or rescinded only through ordinances or resolutions approved by the Board. The District does not have any committed fund balances.

Assigned: amounts that do not meet the criteria to be classified as restricted or committed, but that are intended to be used for specific purposes. The District has not adopted a formal policy regarding the assignment of fund balances. As of December 31, 2017, the District assigned $411,075 of the current balance to cover a portion of the 2018 budget.

Unassigned: all other spendable amounts in the General Fund.

When expenditures are incurred for which restricted, committed, assigned or unassigned fund balances are available, the District considers amounts to have been spent first out of restricted funds, then committed funds, then assigned funds, and finally unassigned funds.

Accounting Estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amount of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenditures during the reporting period. Actual results could differ from those estimates.

NOTE 3. TAX LEVY

During the year ended December 31, 2017, the District levied an ad valorem tax at the rate of $.10 per $100 of assessed valuation, which resulted in a tax levy of $3,008,558 on the adjusted taxable valuation of $3,008,387,260 for the 2017 tax year.

NOTE 3. TAX LEVY (Continued)

The District's tax calendar is as follows:

Levy Date	- Before the later of September 30 or the 60th day after receipt of certified tax roll
Lien Date	- January 1.
Due Date	- Not later than January 31.
Delinquent Date	- February 1, at which time the taxpayer is liable for penalty and interest.

NOTE 4. DEPOSITS AND INVESTMENTS

Deposits

Custodial credit risk is the risk that, in the event of the failure of a depository financial institution, a government will not be able to recover deposits or will not be able to recover collateral securities that are in the possession of an outside party. The District's deposit policy for custodial credit risk requires compliance with the provisions of Texas statutes.

Texas statutes require that any cash balance in any fund shall, to the extent not insured by the Federal Deposit Insurance Corporation or its successor, be continuously secured by a valid pledge to the District of securities eligible under the laws of Texas to secure the funds of the District, having an aggregate market value, including accrued interest, at all times equal to the uninsured cash balance in the fund to which such securities are pledged. At fiscal year-end, the carrying amount of the District's deposits was $1,958,633 and the bank balance was $2,040,851. The bank balance was fully covered by federal depository insurance.

The carrying values of the deposits are included in the Governmental Funds Balance Sheet and the Statement of Net Position at December 31, 2017, as listed below:

	Cash	Certificates of Deposit	Total
GENERAL FUND	$ 38,633	$ 1,920,000	$ 1,958,633

Investments

Under Texas law, the District is required to invest its funds under written investment policies that primarily emphasize safety of principal and liquidity and that address investment diversification, yield, maturity, and the quality and capability of investment management, and all District funds must be invested in accordance with the following investment objectives: understanding the suitability of the investment to the District's financial requirements, first; preservation and safety of principal, second; liquidity, third; marketability of the investments if the need arises to liquidate the investment before maturity, fourth; diversification of the investment portfolio, fifth; and yield,

NOTE 4. DEPOSITS AND INVESTMENTS (Continued)

Investments (Continued)

sixth. The District's investments must be made "with judgment and care, under prevailing circumstances, that a person of prudence, discretion, and intelligence would exercise in the management of the person's own affairs, not for speculation, but for investment, considering the probable safety of capital and the probable income to be derived." No person may invest District funds without express written authority from the Board of Commissioners.

Texas statutes include specifications for and limitations applicable to the District and its authority to purchase investments as defined in the Public Funds Investment Act. The District has adopted a written investment policy to establish the guidelines by which it may invest. This policy is reviewed annually. The District's investment policy may be more restrictive than the Public Funds Investment Act.

The District invests in TexPool, an external investment pool that is not SEC-registered. The Texas Comptroller of Public Accounts has oversight of the pool. Federated Investors, Inc. manages the daily operations of the pool under a contract with the Comptroller. TexPool meets the criteria established in GASB Statement No. 79 and measures all of its portfolio assets at amortized cost. As a result, the District also measures its investments in TexPool at amortized cost for financial reporting purposes. There are no limitations or restrictions on withdrawals from TexPool.

As of December 31, 2017, the District had the following investments and maturities:

Fund and Investment Type	Fair Value	Maturities in Years: Less Than 1	1-5	6-10	More Than 10
GENERAL FUND					
TexPool	$ 6,685,101	$ 6,685,101	$	$	$
Certificates of Deposit	1,920,000	1,920,000			
TOTAL INVESTMENTS	$ 8,605,101	$ 8,605,101	$ - 0 -	$ - 0 -	$ - 0 -

Credit risk is the risk that the issuer or other counterparty to an investment will not fulfill its obligations. At December 31, 2017, the District's investment in TexPool was rated AAAm by Standard and Poor's. The District also manages credit risk by investing in certificates of deposit covered by FDIC coverage.

Interest rate risk is the risk that changes in interest rates will adversely affect the fair value of an investment. The District considers the investments in TexPool to have a maturity of less than one year due to the fact the share position can usually be redeemed each day at the discretion of the District, unless there has been a significant change in value. The District also manages interest rate risk by investing in certificates of deposit with maturities of approximately one year or less.

NOTE 5. FIRE PROTECTION SERVICES

The District has contracted with Sam Bass Fire Department (the "Department") to provide fire protection and suppression services to the residents of the District. The term of the current agreement is from December 25, 2013, through December 31, 2014, and will continue on a year-to-year basis unless terminated by either party upon 90 days written notice to the other party. Under the terms of the agreement, the Department agrees to provide fire prevention, protection and fighting services as well as an emergency medical first responder program to all the residents and commercial interests within the geographic area of the District and those requesting mutual aid.

The District agrees to reimburse the Department for the actual allowable costs incurred in performance of this contract. The contract amount is annually established and budgeted by the District after consultation with the Department concerning its needs. The District agrees to pay the Department on a monthly basis. The District will not reimburse the Department for costs in excess of the amount that is established and budgeted annually. During the current fiscal year, the District paid $1,890,592 to the Department.

Title to all property owned or acquired by the Department will remain with the Department, but in the event of dissolution of the Department, any equipment or property acquired with District funds will revert to the District.

NOTE 6. CAPITAL ASSETS

The following is a summary of changes in capital assets for the year ended December 31, 2017:

	January 1, 2017	Increases	Decreases	December 31, 2017
Capital Assets Not Being Depreciated				
Land and Land Improvements	$ 209,694	$	$	$ 209,694
Construction in Progress	102,721	1,080,731		1,183,452
Total Capital Assets Not Being Depreciated	$ 312,415	$ 1,080,731	$ - 0 -	$ 1,393,146
Capital Assets Subject to Depreciation				
Buildings and Improvements	$ 2,190,946	$	$	$ 2,190,946
Firefighting Vehicles and Equipment	2,726,636		174,000	2,552,636
Total Capital Assets Subject to Depreciation	$ 4,917,582	$ - 0 -	$ 174,000	$ 4,743,582
Less Accumulated Depreciation				
Buildings and Improvements	$ 874,650	$ 54,773	$	$ 929,423
Firefighting Vehicles and Equipment	2,199,189	131,350	174,000	2,156,539
Total Accumulated Depreciation	$ 3,073,839	$ 186,123	$ 174,000	$ 3,085,962
Total Depreciable Capital Assets, Net of Accumulated Depreciation	$ 1,843,743	$ (186,123)	$ - 0 -	$ 1,657,620
Total Capital Assets, Net of Accumulated Depreciation	$ 2,156,158	$ 894,608	$ - 0 -	$ 3,050,766

NOTE 7. RISK MANAGEMENT

The District is exposed to various risks of loss related to torts; theft of, damage to and destruction of assets; and errors and omissions for which the District carries commercial insurance. There have been no significant reductions in coverage from the prior year and settlements have not exceeded coverage in the past three years.

NOTE 8. LEASES

Capital Lease

On October 13, 2017, the District executed a capital lease agreement with Frost Bank, in the amount of $731,806, for the purchase of a Pierce Pumper Truck. As of December 31, 2017, the truck is under construction. Lease payments and related interest of $82,089.28 are due annually each October 25 beginning October 25, 2017 and ending October 25, 2026. The District's incremental borrowing rate is 2.65%.

The following is a summary of transactions regarding the capital lease for the year ended December 31, 2017:

Capital Leases Payable, January 1, 2017	$
Add: Capital Lease Proceeds	731,806
Less: Capital Leases Principal Paid	82,089
Capital Leases Payable, December 31, 2017	$ 649,717

Capital Lease Payable:	
Due Within One Year	$ 64,872
Due After One Year	584,845
Capital Lease Payable, December 31, 2017	$ 649,717

As of December 31, 2017, the future minimum lease payments under the capital lease are as follows:

Fiscal Year	Principal	Interest	Total
2018	$ 64,872	$ 17,218	$ 82,090
2019	66,591	15,498	82,089
2020	68,356	13,734	82,090
2021	70,167	11,922	82,089
2022	72,026	10,063	82,089
2023-2026	307,705	20,652	328,357
	$ 649,717	$ 89,087	$ 738,804

NOTE 8. LEASES (Continued)

Operating Leases

The land located at 16248 Great Oaks Drive, which is owned by Sam Bass Volunteer Fire Department, Inc., is leased to the District for 30 years expiring February 28, 2032. Rent is $1.00 per year. The leased premises shall be specifically used for emergency services and related activities only.

The land located at 17503/17505 Great Oaks Drive, also known as 1001 Great Oaks Drive, which is owned by Sam Bass Volunteer Fire Department, Inc., is leased to the District for 99 years expiring November 20, 2112. Lease payments of $1.00 are payable in advance.

NOTE 9. NOTES PAYABLE

On September 20, 2012, the District executed a note with Wells Fargo Bank, NA, in the amount of $1,385,444, of which $512,889 was disbursed in 2012 and $872,555 was disbursed in 2013. Proceeds were used to refinance three previous Lease Purchase and Option Agreements with Wells Fargo Brokerage Services, LLC, which were used to purchase a fire station, fire trucks and related equipment. The interest rate was 2.61%. During the current year, this note was paid in full.

On September 20, 2017, the District executed a note with Government Capital Corporation, in the amount of $4,500,000. Proceeds will be used to construct Station No. 3. The interest rate is 3.99%. Note payments and interest of $330,824.74 are due annually on September 25, beginning September 25, 2018 and ending September 25, 2037.

The following is a summary of transactions regarding notes payable for the year ended December 31, 2017:

Notes Payable, January 1, 2017	$ 61,659
Add: Note Proceeds	4,500,000
Less: Note Principal Paid	61,659
Notes Payable, December 31, 2017	$ 4,500,000

Notes Payable:	
Due Within One Year	$ 151,275
Due After One Year	4,348,725
Notes Payable, December 31, 2017	$ 4,500,000

NOTE 9. NOTES PAYABLE (Continued)

As of December 31, 2017, debt service requirements on the note are as follows:

Fiscal Year	Principal	Interest	Total
2018	$ 151,275	$ 179,550	$ 330,825
2019	157,311	173,514	330,825
2020	163,587	167,238	330,825
2021	170,114	160,710	330,824
2022	176,902	153,923	330,825
2023-2027	996,190	657,934	1,654,124
2028-2032	1,211,434	442,689	1,654,123
2033-2037	1,473,187	180,937	1,654,124
	$ 4,500,000	$ 2,116,495	$ 6,616,495

NOTE 10. MUTUAL AID AGREEMENT

The District entered into an agreement with Williamson County, Texas, and the following Williamson County Emergency Services Organizations ("ESO"): Williamson County Emergency Service Districts Nos. 1, 3, 4, 5, 6, 7, 8, 9 and 10, the City of Cedar Park, Texas, the City of Georgetown, Texas, the City of Leander, Texas, the City of Round Rock, Texas, the City of Taylor, Texas, the Bartlett Volunteer Fire Department, the Coupland Volunteer Fire Department, the Florence Volunteer Fire Department, the Granger Volunteer Fire Department, the Jarrell Volunteer Fire Department, the Jollyville Volunteer Fire Department, the Sam Bass Volunteer Fire Department, the Taylor Volunteer Fire Department, the Thrall Volunteer Fire Department and the Weir Volunteer Fire Department. To ensure that the ESOs are treated equally while providing emergency services that are needed by individuals in the county, Williamson County and the ESOs agree to establish minimum services that must be provided by each agency. The initial term of this agreement is deemed to be effective as of October 1, 2010 through September 20, 2011 and shall automatically renew each year unless notice not to renew is sent to all other parties at least 90 days prior to last day of the then current term.

Each ESO agrees and acknowledges that Williamson County Emergency Medical Services will be the 911 emergency medical services provider within each ESOs jurisdiction. The ESOs will operate a first responder program under the Williamson County Medical Director; participate in jointly developed quality assurance and quality improvement programs, credentialing programs and training programs. As part of this agreement, emergency medical service supplies will be exchanged between Williamson County and the ESOs on a one for one basis used on a medical call. In consideration of this agreement, Williamson County agrees to reimburse each ESO an amount of money based on the following reimbursement formula: 1). $200 for each square mile of an ESOs district, plus 2). $0.70 for each person that resides in the district covered by the ESO; paid annually in two installments. The amount of the reimbursement will be adjusted annually taking into account population changes. During the current year, the District received $25,138 from Williamson County related to this agreement.

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WILLIAMSON COUNTY EMERGENCY SERVICES DISTRICT NO. 2

REQUIRED SUPPLEMENTARY INFORMATION

DECEMBER 31, 2017

WILLIAMSON COUNTY EMERGENCY SERVICES DISTRICT NO. 2
SCHEDULE OF REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCE - BUDGET AND ACTUAL - GENERAL FUND
FOR THE YEAR ENDED DECEMBER 31, 2017

	Original Budget	Final Amended Budget	Actual	Variance Positive (Negative)
REVENUES				
Property Taxes	$ 2,698,699	$ 2,698,699	$ 2,775,600	$ 76,901
Mutual Aid Revenues	20,000	20,000	25,138	5,138
Penalty and Interest	2,500	2,500	6,463	3,963
Investment Revenues	5,075	5,075	27,413	22,338
Miscellaneous Revenues			19	19
TOTAL REVENUES	$ 2,726,274	$ 2,726,274	$ 2,834,633	$ 108,359
EXPENDITURES				
Services Operations:				
District Services - Sam Bass Fire Department	$ 1,855,592	$ 1,855,592	$ 1,890,592	$ (35,000)
Accounting and Auditing Fees	36,650	36,650	39,135	(2,485)
Appraisal District Fees	18,250	18,250	18,534	(284)
Commissioner Fees	4,000	4,000	4,450	(450)
Legal Fees-General	20,000	20,000	2,004	17,996
Legal Fees-Delinquent Tax Collections			807	(807)
Tax Assessor/Collector Fees		2,400	2,388	12
Other	28,370	28,370	30,980	(2,610)
Capital Outlay	505,000	1,276,806	1,080,731	196,075
Debt Service:				
Capital Lease Principal		82,089	82,089	
Note Principal	181,635	61,659	61,659	
Note Interest	416	240	240	
Debt Issuance Costs			7,750	(7,750)
TOTAL EXPENDITURES	$ 2,649,913	$ 3,386,056	$ 3,221,359	$ 164,697
EXCESS (DEFICIENCY) OF REVENUES OVER EXPENDITURES	$ 76,361	$ (659,782)	$ (386,726)	$ 273,056
OTHER FINANCING SOURCES (USES)				
Capital Lease Proceeds	$	$	$ 731,806	$ 731,806
Note Proceeds			4,500,000	4,500,000
Proceeds from Sale of Assets			35,000	35,000
TOTAL OTHER FINANCING SOURCES (USES)	$ - 0 -	$ - 0 -	$ 5,266,806	$ 5,266,806
NET CHANGE IN FUND BALANCE	$ 76,361	$ (659,782)	$ 4,880,080	$ 5,539,862
FUND BALANCE - JANUARY 1, 2017	1,740,222	1,740,222	1,740,222	
FUND BALANCE - DECEMBER 31, 2017	$ 1,816,583	$ 1,080,440	$ 6,620,302	$ 5,539,862

See accompanying independent auditor's report.

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WILLIAMSON COUNTY EMERGENCY SERVICES DISTRICT NO. 2

OTHER SUPPLEMENTARY INFORMATION

DECEMBER 31, 2017

WILLIAMSON COUNTY EMERGENCY SERVICES DISTRICT NO. 2
COMPUTATION OF NET LONG-TERM DEBT PER CAPITA
DECEMBER 31, 2017
(UNAUDITED)

Long-Term Debt at December 31, 2017	$ 5,149,717
Less: Amount in Debt Service Fund	
Net Long-Term Debt at December 31, 2017	$ 5,149,717
Estimated District Population*	28,351
Net Long-Term Debt Per Capita at December 31, 2017	$ 181.64

* Williamson County Office of Emergency Management - 2014

See accompanying independent auditor's report.

WILLIAMSON COUNTY EMERGENCY SERVICES DISTRICT NO. 2
LISTING OF THE NUMBER OF EMERGENCY RESPONSES MADE WITHIN AND OUTSIDE THE DISTRICT FOR THE YEAR ENDED DECEMBER 31, 2017 (UNAUDITED)

Number of emergency responses made within the District	1,253
Number of emergency responses made outside of the District	127
Total emergency responses	1,380

See accompanying independent auditor's report.

WILLIAMSON COUNTY EMERGENCY SERVICES DISTRICT NO. 2
SCHEDULE OF INSURANCE AND BONDING COVERAGE
DECEMBER 31, 2017

Type of Coverage	From To	Amount of Coverage	Insurer/Name
TAX COLLECTOR BOND Tim Hunsberger	04/17/17 04/17/18	$ 2,000,000	The Cincinnati Insurance Company
PUBLIC EMPLOYEE DISHONESTY BLANKET BOND Per Employee	10/28/17 10/28/18	$ 250,000	American Alternative Insurance Corporation
POSITION SCHEDULE BOND Treasurer	10/28/17 10/28/18	$ 250,000	American Alternative Insurance Corporation
GENERAL LIABILITY General Aggregate Per Occurrence	10/28/17 10/28/18	$ 3,000,000 1,000,000	American Alternative Insurance Corporation
MANAGEMENT LIABILITY General Aggregate Per Occurrence	10/28/17 10/28/18	$ 3,000,000 1,000,000	American Alternative Insurance Corporation
EXCESS LIABILITY General Aggregate Per Occurrence	10/28/17 10/28/18	$ 2,000,000 1,000,000	American Alternative Insurance Corporation
HIRED AND NON-OWNED AUTOMOBILE LIABILITY Combined Single Limit	10/28/17 10/28/18	$ 1,000,000	American Alternative Insurance Corporation
PROPERTY COVERAGE Building	10/28/17 10/28/18	$ 3,383,847	American Alternative Insurance Corporation

See accompanying independent auditor's report.

WILLIAMSON COUNTY EMERGENCY SERVICES DISTRICT NO. 2
STATEMENT OF ACTIVITIES
SAM BASS FIRE DEPARTMENT
FOR THE YEAR ENDED DECEMBER 31, 2017
(UNAUDITED)

REVENUES		
Williamson County Emergency Services District No. 2	$	1,855,592
Williamson County Emergency Services District No. 9		217,679
Billing Revenues		1,600
Inspection Fees		5,611
Rent		8,400
Interest Revenues		19
Miscellaneous Revenues		57,638
TOTAL REVENUES	$	2,146,539
EXPENSES		
Administration	$	226,244
Apparatus		79,957
Building & Grounds		107,735
Communications		166,469
OPS Supply & Equipment		70,697
Payroll Expenses		1,257,430
Training		14,232
TOTAL EXPENSES	$	1,922,764
CHANGE IN NET ASSETS	$	223,775
NET ASSETS - January 1, 2017		681,213
NET ASSETS - December 31, 2017	$	904,988

See accompanying independent auditor's report.

WILLIAMSON COUNTY EMERGENCY SERVICES DISTRICT NO. 2
TAXES LEVIED AND RECEIVABLE
FOR THE YEAR ENDED DECEMBER 31, 2017

	Property Taxes	
TAXES RECEIVABLE - JANUARY 1, 2017	$ 966,811	
Adjustments to Beginning Balance	(1,345)	$ 965,466
Original 2017 Tax Levy	$ 3,007,690	
Adjustment to 2017 Tax Levy	868	3,008,558
TOTAL TO BE ACCOUNTED FOR		$ 3,974,024
TAX COLLECTIONS:		
Prior Years	$ 953,381	
Current Year	2,029,785	2,983,166
TAXES RECEIVABLE - DECEMBER 31, 2017		$ 990,858
TAXES RECEIVABLE BY YEAR:		
2017		$ 978,773
2016		3,544
2015		1,709
2014		1,556
2013		1,497
2012		741
2011		630
2010		669
2009		738
2008		609
2007		376
2006		8
2005		3
2004		5
TOTAL TAXES RECEIVABLE BY YEAR		$ 990,858

See accompanying independent's auditor report.

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WILLIAMSON COUNTY EMERGENCY SERVICES DISTRICT NO. 2
TAXES LEVIED AND RECEIVABLE
FOR THE YEAR ENDED DECEMBER 31, 2017

	2017	2016	2015	2014
TOTAL PROPERTY VALUATIONS, NET	$ 3,008,387,260	$ 2,768,019,000	$ 2,516,898,140	$ 2,279,493,045
TAX RATE PER $100 VALUATION	$ 0.10	$ 0.10	$ 0.10	$ 0.10
ADJUSTED TAX LEVY*	$ 3,008,558	$ 2,768,261	$ 2,516,898	$ 2,277,741
PERCENTAGE OF TAXES COLLECTED TO TAXES LEVIED	67.47 %	99.87 %	99.93 %	99.93 %

* Based upon the adjusted tax levy at the time of the audit for the fiscal year in which the tax was levied.

See accompanying independent's auditor report.

WILLIAMSON COUNTY EMERGENCY SERVICES DISTRICT NO. 2
COMPARATIVE SCHEDULE OF REVENUES AND EXPENDITURES
GENERAL FUND – FIVE YEARS

	Amounts		
	2017	2016	2015
REVENUES			
Property Taxes	$ 2,775,600	$ 2,510,326	$ 2,283,611
Mutual Aid Revenues	25,138	24,293	23,440
Penalty and Interest	6,463	5,986	8,050
Investment Revenues	27,413	8,417	6,690
Miscellaneous Revenues	19		
TOTAL REVENUES	$ 2,834,633	$ 2,549,022	$ 2,321,791
EXPENDITURES			
Services Operations:			
District Services - Sam Bass Fire Department	$ 1,890,592	$ 1,517,383	$ 1,306,554
Accounting and Auditing Fees	39,135	32,042	29,517
Appraisal District Fees	18,534	18,114	17,208
Commissioner Fees	4,450	4,100	4,350
Legal Fees-General	2,004	6,259	18,774
Legal Fees-Delinquent Tax Collections	807	984	1,325
Tax Assessor/Collector Fees	2,388	2,295	2,196
Other	30,980	34,731	29,737
Capital Outlay	1,080,731	251,582	184,376
Debt Service:			
Capital Lease Principal	82,089		
Note Principal	61,659	358,313	348,988
Capital Lease Interest			
Note Interest	240	6,818	16,144
Debt Issuance Costs	7,750		
TOTAL EXPENDITURES	$ 3,221,359	$ 2,232,621	$ 1,959,169
EXCESS (DEFICIENCY) OF REVENUES OVER EXPENDITURES	$ (386,726)	$ 316,401	$ 362,622
OTHER FINANCING SOURCES (USES)			
Capital Lease Proceeds	$ 731,806	$	$
Note Proceeds	4,500,000		
Proceeds from Sale of Assets	35,000		
TOTAL OTHER FINANCING SOURCES (USES)	$ 5,266,806	$ - 0 -	$ - 0 -
NET CHANGE IN FUND BALANCE	$ 4,880,080	$ 316,401	$ 362,622
BEGINNING FUND BALANCE	1,740,222	1,423,821	1,061,199
ENDING FUND BALANCE	$ 6,620,302	$ 1,740,222	$ 1,423,821

See accompanying independent auditor's report.

		Percentage of Total Revenues				
2014	2013	2017	2016	2015	2014	2013
$ 2,041,713	$ 1,910,679	97.9 %	98.5 %	98.4 %	98.3 %	98.4 %
21,973	20,213	0.9	1.0	1.0	1.1	1.0
8,867	5,042	0.2	0.2	0.3	0.4	0.3
5,018	4,970	1.0	0.3	0.3	0.2	0.3
	146					
$ 2,077,571	$ 1,941,050	100.0 %	100.0 %	100.0 %	100.0 %	100.0 %
$ 1,560,001	$ 1,010,954	66.7 %	59.5 %	56.3 %	75.1 %	52.1 %
28,737	23,077	1.4	1.3	1.3	1.4	1.2
15,629	14,899	0.6	0.7	0.7	0.8	0.8
2,950	1,950	0.2	0.2	0.2	0.1	0.1
14,275	33,470	0.1	0.2	0.8	0.7	1.7
1,498	891			0.1	0.1	
2,165	2,452			0.1	0.1	0.1
27,756	24,428	1.1	1.4	1.3	1.3	1.3
31,643	283,424	38.1	9.9	7.9	1.5	14.6
18,215	900,152	2.9			0.9	46.4
339,897	276,586	2.2	14.1	15.0	16.4	14.3
646	47,364					2.4
25,235	31,957		0.3	0.7	1.2	1.6
		0.3				
$ 2,068,647	$ 2,651,604	113.6 %	87.6 %	84.4 %	99.6 %	136.6 %
$ 8,924	$ (710,554)	(13.6) %	12.4 %	15.6 %	0.4 %	(36.6) %
$	$					
	872,555					
	12,500					
$ - 0 -	$ 885,055					
$ 8,924	$ 174,501					
1,052,275	877,774					
$ 1,061,199	$ 1,052,275					

See accompanying independent auditor's report.

WILLIAMSON COUNTY EMERGENCY SERVICES DISTRICT NO. 2
BOARD OF COMMISSIONERS AND CONSULTANTS
DECEMBER 31, 2017

District Mailing Address - Williamson County Emergency Services District No. 2
16248 Great Oaks Drive
Round Rock, TX 78681

District Telephone Number - (512) 255-0100

Commissioners	Term of Office Appointed Expires	Fees of Office for the year ended December 31, 2017	Expense Reimbursement for the year ended December 31, 2017	Title
Thomas E. Nanninga	01/01/17 12/31/18	$ 1,400	$ 162	President
Russell Strahan	01/01/16 12/31/17	$ 600	$ -0-	Vice President
Darryl Pool	01/01/16 12/31/17	$ 800	$ 61	Secretary
Tim Hunsberger	01/01/16 12/31/17	$ 1,650	$ -0-	Treasurer
Sherri Wright	01/01/17 12/31/18	$ -0-	$ -0-	Assistant Secretary/ Treasurer

The limit on fees of office that a Commissioner may receive during a year was $3,000 as set by the Health and Safety Code-Chapter 775. Effective September 1, 2017, a Commissioner is entitled to receive compensation in the same manner and amount as are provided by Section 49.060 of the Texas Water Code, currently $7,200 per fiscal year. The above fees of office and expense reimbursements are the amounts paid to a Commissioner during the District's current fiscal year.

See accompanying independent auditor's report.

WILLIAMSON COUNTY EMERGENCY SERVICES DISTRICT NO. 2
BOARD OF COMMISSIONERS AND CONSULTANTS
DECEMBER 31, 2017

Consultants:	Date Hired	Fees for the year ended December 31, 2017*	Title
Dietz & Jarrard, P.C.	02/26/14	$ 16,942	Attorney
McCall Gibson Swedlund Barfoot PLLC	01/16/14	$ 12,950	Auditor
Municipal Accounts & Consulting, L.P.	03/22/12	$ 34,136	Bookkeeper
McCreary, Veselka, Bragg & Allen	1989	$ 807	Delinquent Tax Attorney
Mark M. Burton	03/22/12	$ -0-	Investment
Autumn Phillips		$ -0-	Officers
Williamson County Tax Assessor/Collector	Legislative Action	$ 2,388	Tax Assessor/ Collector

* Accrual basis

See accompanying independent auditor's report.

Commissioners Court - Regular Session **16.**

Meeting Date: 06/19/2018

ESD5

Submitted By: Rebecca Clemons, County Judge

Department: County Judge

Agenda Category: Consent

Information

Agenda Item

Acknowledge and enter into the official minutes the annual financial statement for ESD #5.

Background

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

ESD.5

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst. (Originator)	Wendy Coco	06/11/2018 03:30 PM
Form Started By: Rebecca Clemons		Started On: 06/11/2018 03:04 PM
Final Approval Date: 06/11/2018		

RECEIVED
1/15/18

Williamson County
Emergency Services District #5
Financial Statements
September 30, 2017

Williamson County Emergency Services District #5
For the Year Ending September 30, 2017

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Medack & Oltmann, LLP
Certified Public Accountants

PARTNERS
James E. Medack, CPA
Melodi J. Oltmann, CPA

PROFESSIONAL STAFF
Remington O'Dell, CPA

MEMBERS
American Institute of
Certified Public Accountants
Texas Society of
Certified Public Accountants

INDEPENDENT AUDITOR'S REPORT

To the Board of Directors
Williamson County Emergency Services District No. 5

We have audited the accompanying financial statements of the governmental activities, and each major fund, of Williamson County Emergency Services District No. 5, as of and for the year ended September 30, 2017, and the related notes to the financial statements, which collectively comprise the District's basic financial statements as listed in the table of contents.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express opinions on these financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment including the assessment of the risks of material misstatements of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

Opinions

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the governmental activities, and each major fund, of Williamson County Emergency Services District No. 5, as of September 30, 2017, and the respective changes in financial position thereof for the year then ended in accordance with accounting principles generally accepted in the United States of America.

PO Box 2153, 115 W Loop 150 • Bastrop, Texas 78602 • ph 512.321.3951 fax 512.321.5014
PO Box 237, 321 N Main St • Giddings, Texas 78942 • ph 979.542.3713 fax 979.542.0061

Other Matters

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis, budgetary comparison information, schedule of changes in net pension liability and related ratios, and schedule of employer contributions on pages 3 through 8 and pages 29 through 32 be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Medack & Oltmann, LLP

Medack & Oltmann, LLP
Giddings, TX
December 28, 2017

Williamson County Emergency Services District No. 5
Jarrell Fire Department
P.O. Box 88 Jarrell, Texas 76537
512-746-2505
"Serving Northern Williamson County, Texas"

This is the discussion and analysis of the Williamson County Emergency Services District No. 5 (the District) for fiscal year ending September 30, 2017. We encourage readers to consider it in conjunction with the additional information presented in the accompanying basic financial statement and the notes to the financial statements.

Financial Highlights

- The net position of the District increased by $241,318 as a result of the current year's operations.
- As of year-end, the District's governmental fund reported an ending fund balance of $539,022, an increase of $210,179.

Using This Annual Report

This annual report consists of a series of financial statements. GASB Statement No. 34 provides that for governments engaged in a single governmental program, the fund financial statements and the government-wide statements may be combined. The District presents the governmental funds in the first two columns and a total in the third column. The next column is an adjustments column, reconciling the amounts reported in the governmental funds to show how each would change when reported on the full-accrual basis of accounting. The last column of these combination statements shows the amounts that normally would appear in the government-wide statements. For governmental activities, this last column tells how these services were financed in the short term as well as what remains for future spending. Fund financial statements report the District's operations in more detail than the government-wide statements by providing information about the District's most significant funds.

Reporting the District as a Whole

The Statement of Net Position and the Statement of Activities present information about the District as a whole. These statements (as reported in the last column of each of the statements) include all of the District's assets and liabilities, utilizing the accrual basis of accounting which is similar to the accounting used by most private sector companies. All of the current year's revenues and expenses are taken into account regardless of when cash is received or paid.

These two columns report the District's net position and changes in them. The difference between assets and liabilities, net position, are one way to measure the District's financial health. Over time, increases or decreases in net position may serve as a useful indicator of whether the financial position of the District is improving or deteriorating. However, other non-financial factors such as changes in the District's property tax base must also be considered in an assessment of the overall financial health of the District.

The statement of activities presents information showing how the District's net position changed during the most recent twelve-month period. All changes in net position are reported as soon as the underlying event giving rise to the change occurs, regardless of the timing of related cash flows. Thus, revenues and expenses are reported in this statement for some items that will result in cash flows in future fiscal periods.

Reporting the District's Funds

A fund is a grouping of related accounts that is used to maintain control over resources that have been segregated for specific activities or objectives. The District, like other state and local governments, uses fund accounting to ensure and demonstrate compliance with finance-related legal requirements. The District may establish other funds to help in control and manage money for particular purposes or to show that it is meeting its legal responsibilities for using certain taxes, grants, and other money. These funds are reported using an accounting method called the Modified Accrual accounting which measures cash and all other financial assets that can be readily converted to cash.

Governmental Funds. Governmental funds are used to account for essentially the same functions reported as governmental activities in the government-wide financial statements. However, unlike the government-wide financial statements, governmental fund statements focus on near-term inflows and outflows of spendable resources, as well as on balances of spendable resources available at the end of the fiscal year. Because the focus of governmental funds is narrower that that of the government-wide financial statements, it is useful to compare that information presented for governmental funds with similar information presented for governmental activities in the government-wide financial statements.

The ESD maintains only one governmental fund – the General Fund. Information is presented in the Balance Sheets and in the Revenues, Expenditures, and Changes in Fund Balances.

Notes to the Financial Statements. The notes provide additional information that is essential to a full understanding of the data provided in the government-wide and fund financial statements.

The District as a Whole

Governmental activities increased the Department's net position by $241,318. Our analysis below focuses on the net position (Table 1) and the changes in net position (Table 2) of the Department's governmental activities:

Table 1
Governmental Activities
Net Position

Assets:	**9/30/16**	**9/30/17**
Current Assets	$ 360,180	$ 574,208
Capital Assets	1,325,019	1,276,633
Total Assets	$ 1,685,199	$ 1,850,841
Deferred Outflows of Resources	$ 6,832	$ 14,163
Liabilities		
Current Liabilities	$ 93,739	$ 92,188
Long Term Liabilities	1,232,676	1,166,418
Total Liabilities	$ 1,326,415	$ 1,258,606
Deferred Inflows of Resources	$ 7,505	$ 6,969
Net Position:		
Net Investment in Capital Assets	$ 23,263	$ 42,645
Unrestricted	334,848	556,784
Restricted	-0-	-0-
Total Net Position	$ 358,111	$ 599,429

Table 2
Changes in Net Position

Revenues:		
	09/30/16	**09/30/17**
Operating Grants and Contributions	$ 55,933	$ 14,407
Property Taxes	470,565	550,986
Sales Taxes	-0-	190,029
Penalty & Interest	3,366	4,194
Interlocal Agreement	94,446	94,633
Miscellaneous Income	6,138	6,457
Fire Recovery	13,140	9,582
Loss from Disposal of Capital Asset	(2,343)	-0-
Total Revenues	**$ 641,245**	**$ 870,288**
Expenses:		
General Government	$ 551,262	$ 628,970
Total Expenses	**$ 551,262**	**$ 628,970**
Change in Net Position:		
Increase (decrease) in Net Position	$ 89,983	$ 241,318
Net Position – Beginning	268,128	358,111
Net Position – Ending	**$ 358,111**	**$ 599,429**

Financial Analysis of the Government's Funds

As noted earlier, the Department uses fund accounting to ensure and demonstrate compliance with finance-related legal requirements. For the year ending September 30, 2017, the District's total fund balance was $539,022 which reflects an increase of $210,179.

63.3% of all Department funds come from Ad Valorem taxes. The remaining revenues come from sources such as grants and contributions.

Budgetary Highlights

The Department's annual budget includes estimated revenues and expenditures. The annual budget is a line-item document that allows the Board of Commissioners a high degree of control over Department expenditures. Estimates of taxable value for the forthcoming year are provided by the Williamson County Tax Appraiser's Office. That estimate, combined with an estimate of historical tax collection rates for the Department is used with the proposed tax rate to estimate Ad Valorem Revenue. The

District Commissioners amended the budget during the year ended September 30, 2017. Changes are reflected in the final/amended columns of the budget to actual report found on page 29.

Capital Asset and Debt Administration
Capital Assets:

At the end of the fiscal year September 30, 2017, capital assets are as follows:

Table 3
Capital Assets at Year-end

	9/30/16	9/30/17
Land	$ 77,989	$ 77,989
Vehicles	375,223	375,223
Machinery & Equipment	106,396	106,396
Building	1,439,106	1,439,106
Total capital assets	$ 1,998,714	$ 1,998,714

Depreciation expense charged to the general fund was $ 48,386.

More detailed information about the District's Capital Assets is presented in Note 3 of the financial statements.

Debt:

As of September 30, 2016, and 2017, the District was obligated on the following debt:

	9/30/2016	9/30/2017
Notes Payable	$ 1,217,300	$ 1,163,353
Capital Lease Obligation	84,456	70,635
Compensated Absences	7,227	7,929
Net Pension Liability (Asset)	(3,411)	(4,608)
Total	$ 1,305,572	$ 1,237,309

The District incurred interest expense of $ 44,130 for the year ending September 30, 2016, and $42,202 for the year ending September 30, 2017.

More detailed information about the District's notes payable is presented in the *Notes to Basic Financial Statements.*

Currently Known Facts, Decisions, or Conditions

The District's tax revenues continue to increase as the District experiences the rapid increase in residential and commercial properties. These revenues are supplemented by the addition of funds derived from the allocation of a 2% sales tax in areas within our district that lie outside of the limits of the City of Jarrell. The district began receiving revenues from the sales tax in April of 2017 and is receiving an average of $40,000 monthly.

The number of request for services continues to slowly climb along with the population growth.

The District has developed a policy for the allocation of the sales tax funds received each month. The main emphasis of the policy is to build an emergency reserve fund to support three months of operating expenses as well as have emergency funds set aside for emergency apparatus repairs.

The remaining sales tax funds will be directed at replacing one of our frontline fire apparatus that is 17 years old and our handheld radios that are 12 years old.

The District has recently hired three more full time personnel to increase our daily staffing for operational response to three. The district has added a full-time fire chief and full-time deputy chief to properly oversee the administration and fire code requirements of a growing department.

The District expects continued growth by the addition of residential and commercial structures.

Contacting the District's Financial Management

This financial report is designed to provide a general overview of the District's finances for all those with an interest in the government's finances. Questions concerning any of the information provided in this report or requests for additional financial information should be addressed to:

Williamson County Emergency Services District #5
P.O. Box 88
Jarrell, Texas 76537

WILLIAMSON COUNTY EMERGENCY SERVICES DISTRICT NO. 5
GOVERNMENTAL FUND BALANCE SHEET AND
STATEMENT OF NET POSITION
SEPTEMBER 30, 2017

	General Fund	Adjustments (Note 11)	Statement of Net Position
ASSETS			
Cash	$ 507,810	$ -	$ 507,810
Property Taxes Receivable	19,012	-	19,012
Receivables-Other	47,386	-	47,386
Capital Assets (net of accumulated depreciation)	-	1,276,633	1,276,633
TOTAL ASSETS	$ 574,208	$ 1,276,633	$ 1,850,841
DEFERRED OUTFLOWS OF RESOURCES			
Deferred Pension Amounts		$ 14,163	$ 14,163
TOTAL DEFERRED OUTFLOWS OF RESOURCES		$ 14,163	$ 14,163
LIABILITIES			
Accounts Payable	$ 4,596	$ -	$ 4,596
Accrued Interest Payable	-	5,123	5,123
Accrued Payroll	11,578	-	11,578
Long Term Liabilities - Due within one year	-	70,891	70,891
Long Term Liabilities - Due after one year	-	1,166,418	1,166,418
TOTAL LIABILITIES	$ 16,174	$ 1,242,432	$ 1,258,606
DEFERRED INFLOWS OF RESOURCES			
Property Taxes	$ 19,012	$ (19,012)	$ -
Deferred Pension Amounts	-	6,969	6,969
TOTAL DEFERRED INFLOWS OF RESOURCES	$ 19,012	$ (12,043)	$ 6,969
FUND BALANCES/NET POSITION			
Fund balances:			
Non-Spendable	-	-	-
Spendable	-	-	-
Unassigned	539,022	(539,022)	-
Total fund balances	539,022	(539,022)	-
Total liabilities and fund balances	$ 555,196	$ -	
Net Position:			
Net Investment in Capital Assets		42,645	42,645
Unrestricted		556,784	556,784
Restricted		-	-
Total Net Position		$ 599,429	$ 599,429

See Accompanying Notes to the Financial Statements

WILLIAMSON COUNTY EMERGENCY SERVICES DISTRICT NO. 5
GOVERNMENTAL FUND REVENUES, EXPENDITURES, AND
CHANGES IN FUND BALANCES AND STATEMENT OF ACTIVITIES
FOR THE YEAR ENDING SEPTEMBER 30, 2017

	General Fund	Adjustments (Note 11)	Statement of Activities
EXPENDITURES/EXPENSES			
Firefighting Equipment	197	-	197
Personnel Expense	392,236	(8,362)	383,874
Fleet Expense	21,807	-	21,807
Repairs & Maintenance	15,563	-	15,563
Emergency Equipment/Supplies	6,255		6,255
Professional Fees	6,985	-	6,985
Office Expenses/Postage	1,964	-	1,964
Computer Expense	9,249	-	9,249
Insurance	21,347	-	21,347
Appraisal District & Tax Collector Fees	4,723	-	4,723
Training	-		-
Utilities	13,170	-	13,170
Communications	16,534	-	16,534
Miscellaneous	13,092	-	13,092
Personal Protective Equipment	12,985	-	12,985
Sales Tax Election	10,637		10,637
Capital Outlay	-	-	-
Depreciation	-	48,386	48,386
Debt Service:			
Principal	67,765	(67,765)	-
Interest	39,228	2,974	42,202
Total expenditures/expenses	$ 653,737	$ (24,767)	$ 628,970
PROGRAM REVENUES			
Grants/Contributions	1,500	-	1,500
Net program expense			627,470
GENERAL REVENUES			
Ad valorem taxes	544,614	6,372	550,986
Penalties and Interest	4,194	-	4,194
Sales taxes	190,029		190,029
Interlocal Agreements	94,633	-	94,633
Fire Recovery	9,582	-	9,582
Donations	12,907	-	12,907
Loss on Disposal of Assets	-	-	-
Miscellaneous	6,457	-	6,457
Total general revenues	$ 862,416	$ 6,372	$ 868,788
Excess (Deficiency) of revenues over expenditures	$ 210,179	$ (210,179)	$ -
OTHER FINANCING SOURCES/(USES):			
Loan Proceeds	-	-	-
Total Other Financing Sources/(Uses):	-	-	-
Net Change in Fund Balance	210,179	(210,179)	-
Change in Net Position	-	$ 241,318	$ 241,318
Fund Balance/Net Position Beginning of the year	328,843	(9,235)	358,111
End of the year	$ 539,022	$ 60,407	$ 599,429

See Accompanying Notes to the Financial Statements

NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

The District complies with generally accepted accounting principles (GAAP). GAAP includes all relevant Governmental Accounting Standards Board (GASB) pronouncements. In the government-wide financial statements, Financial Accounting Standards Board (FASB) pronouncements and Accounting Principles Board (APB) opinions issued on or before November 30, 1989, have been applied unless those pronouncements conflict with GASB pronouncements, in which case, GASB prevails. The District currently reports under the financial reporting requirements of GASB Statement No. 34. The accounting and reporting framework and the more significant accounting policies are discussed in subsequent subsections of this note.

Financial Reporting Entity

Williamson County Emergency Services District #5 (hereafter referred to as the District) was formed in November 2001. With few exceptions, all powers of the District are vested in a board of commissioners (the Board), which adopts budgets and determines policies. The District receives its revenues from the Williamson County Tax Office, which collects property taxes from the county's property-owners.

In evaluating how to define the government, for financial reporting purposes, management has considered all potential component units. The decision to include a potential component unit in the reporting entity was made by applying the criteria set forth in GAAP. The basic - but not the only - criterion for including a potential component unit with the reporting entity is the governing body's ability to exercise oversight responsibility. The most significant manifestation of this ability is financial interdependency. Other manifestations of the ability to exercise oversight responsibility include, but are not limited to, the selection of governing authority, the designation of management, the ability to significantly influence operations, and accountability for fiscal matters. A second criterion used in evaluating potential component units is the scope of public service. Application of this criterion involves considering whether the activity benefits the government and/or its citizens, or whether the activity is conducted within the geographic boundaries of the government and is generally available to its citizens. A third criterion used to evaluate potential component units for inclusion or exclusion from the reporting entity is the existence of special financing relationships, regardless of whether the government is able to exercise oversight responsibilities. Based upon the application of these criteria, no potential component units appear to exist.

Basis of Presentation

Government-Wide Financial Statements

The Statement of Net Position and the Statement of Activities display information about the reporting entity. Governmental activities generally are financed through taxes, intergovernmental and non-exchange revenues. The District currently does not have any business-type activities.

Fund Financial Statements

Fund financial statements of the reporting entity are organized into funds, each of which is considered to be a separate accounting entity. Each fund is accounted for by providing a separate set of self-balancing accounts that constitute its assets, liabilities, fund equity, revenues,

NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

and expenditures/expenses. Funds are organized into three major categories: governmental, proprietary, and fiduciary. An emphasis is placed on major funds within the governmental and proprietary categories. A fund is considered major if it is the primary operating fund of the District or meets the following criteria:

A. Total assets, liabilities, revenues, or expenditures/expenses of that individual governmental fund or enterprise fund are at least 10% of the corresponding total for all funds of that category or type; and

B. Total assets, liabilities, revenues, or expenditures/expenses of the individual governmental fund or enterprise fund are at least 5% of the corresponding total for all governmental and enterprise funds combines.

The funds of the financial reporting entity are described below:

Governmental Funds

General Fund – The General Fund is the general operating fund of the District. It is used to account for all financial resources except those required to be accounted for in other funds.

Measurement Focus and Basis of Accounting

Measurement focus is a term used to describe "which" transactions are recorded within the various financial statements. Basis of accounting refers to "when" transactions are recorded regardless of the measurement focus applied.

Measurement Focus

On the government-wide Statement of Net Position and the Statement of Activities, the governmental activities are presented using the economic resources measurement focus as defined in item A below.

In the fund financial statements, the "current financial resources" measurement focus is used as appropriate. All government funds utilize a "current financial resources" measurement focus. Only current financial assets and liabilities are generally included on their balance sheets. Their operating statements present sources and uses of available financial resources during a given period. These funds use fund balance as their measure of available financial resources at the end of the period.

Basis of Accounting

In the government-wide Statement of Net Position and Statement of Activities, the governmental activities are presented using the accrual basis of accounting. Under the accrual basis of accounting, revenues are recognized when earned and expenses are recorded when the liability is incurred or economic asset used. Revenues, expenses, gains, losses, assets, and liabilities resulting from exchange and exchange-like transactions are recognized when the exchange takes place.

NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

In the fund financial statements, governmental funds are presented on the modified accrual basis of accounting. Under this modified accrual basis of accounting, revenues are recognized when "measurable and available." Measurable means knowing or being able to reasonably estimate the amount. Available means collectible within the current period or within sixty days after year-end. Expenditures, including capital outlay, are recorded when the related fund liability is incurred, except for general obligation bond principal and interest which are reported when due.

Assets, Liabilities, and Equity

Cash

Cash deposits and investments are reported at the carrying amount, which reasonably estimates fair value.

Receivables

In the government-wide statements, receivables consist of all revenues earned at year-end and not yet received. Allowances for uncollectible accounts receivable are based upon historical trends and the periodic aging of accounts receivable. Property taxes are the District's only major receivable.

Capital Assets

All capital assets are valued at historical cost, or estimated historical cost if actual is unavailable, except for donated capital assets, which are recorded at their estimated fair value at the date of donation.

Depreciation of all exhaustible capital assets is recorded as n allocated expense in the Statement of Activities, with accumulated depreciation reflected in the Statement of Net Position. Depreciation expense is allocated over the assets' estimated useful lives using the straight-line method of depreciation.

The District currently maintains a policy of capitalizing all items that meet or exceed $5,000, individually. All items that meet this policy are capitalized. Those items that do not meet the capitalization requirements are expenses accordingly.

The range of estimated useful lives by type of assets is as follows:

Buildings	40 years
Fire Trucks	10 years
Vehicles	10 years
Equipment	5 years

The District does not own any infrastructure assets.

NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

Fund Financial Statements

In the fund financial statements, capital assets used in governmental fund operations are accounted for as capital outlay expenditures of the governmental fund upon acquisition.

Long-Term Debt

The accounting treatment of long-term debt depends on whether the assets are used in governmental fund operations and whether they are reported in the government-wide or fund financial statements.

All long-term debt to be repaid from governmental resources is reported as liabilities in the government-wide statements. The long-term debt consists of capital leases and notes payable.

Long-term debt for governmental funds is not reported as liabilities in the fund financial statements. The debt proceeds are reported as other financing sources and payment of principal and interest reported as expenditures.

Source of Funds

Ad valorem taxes, penalties, and interest are reported as revenue in the fiscal year in which they become available to finance expenditures of the District. Property taxes accounted for approximately 63.3% of the District's revenue for the year ended September 30, 2017.

Equity Classifications

Government-Wide Statements

Equity is classified as net position and displayed in three components.

A. Net Investment in capital assets – Consists of capital assets including restricted capital assets, net of accumulated depreciation and reduced by the outstanding balances of any bonds, mortgages, notes or other borrowings that are attributable to the acquisition, construction or improvements.

B. Restricted net position – Consists of net position with constraints placed on the use either by (1) external groups such as creditors, grantors, contributors or laws or regulations of other governments; or (2) law through constitutional provisions or enabling legislation.

C. Unrestricted net position – All other net position that do not meet the definition of "restricted" or "Net Investment in capital assets."

The District currently does not carry any restricted position.

NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

Fund Statements

Governmental fund equity is classified as fund balance. Fund balance is further classified as non-spendable or spendable with spendable being further classified into restricted, committed, assigned or unassigned.

Compensated Absences

Compensated absences represent the estimate liability for employees' accrued vacation for which employees are entitled to be paid upon termination. The retirement of this liability is paid from the General Fund.

Revenue

Property Taxes

Property taxes are collected by the Williamson County Tax Assessor Collector, and are forwarded to the District through bank transfer. The tax rate held by the District was $0.10/$100 for 2016. Property tax revenues are considered available when they become due or past due and are considered receivable within the current period, including those property taxes expected to be collected during a sixty-day period after the close of the District's fiscal year.

Other

Use of Estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenue and expenses during the reporting period. Actual results could differ from these estimates.

Pensions

For purposes of measuring the net pension liability, deferred outflows of resources and deferred inflows of resources related to pensions, and pension expense, information about the fiduciary net position of the Pension Plan and additions to/deductions from the Pension Plan's fiduciary net position have been determined on the same basis as they are reported by Texas County & District Retirement System (TCDRS). For this purpose, benefit payments (including refunds of employee contributions) are recognized when due and payable in accordance with the benefit terms. Investments are reported at fair value.

NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

Budgets

The District follows these procedures in establishing the budget reflected in the financial statements:

1. Prior to the beginning of each fiscal year, the District prepares a budget. The operating budget includes proposed expenditures and the means of financing those expenditures and is prepared in accordance with the basis of accounting utilized by that fund.

2. Public meetings are conducted at which all interested persons' comments concerning the budget are heard. After such meetings, the Board of Commissioners formally adopts the budget through passage of a motion in a public meeting.

3. The District amends the budget throughout the year approving such additional expenses. The amended budget is used in presenting the Statement of Revenues, Expenditures and Changes in Fund Balance - Budget and Actual.

4. All annual appropriations lapse at fiscal year end.

NOTE 2: CASH

Deposits

It is the policy for deposits to be 100% secured by collateral valued at market or par, whichever is lower, less the amount of Federal Deposit Insurance Corporation insurance. The District's deposits are categorized to give an indication of the level of risk assumed by the District at the fiscal year-end. As of year-end, deposits exceed FDIC coverage by $261,623. However; securities were pledged to cover this excess (Category 2) with a market value of $631,977. At September 30, 2017, the carrying amount of the District's deposits was $507,810 and the bank balance was $ 511,623.

The categories are described below:

Category 1 – Insured or collateralized by securities held by the District or by its agent in the District's name.

Category 2 – Collateralized with securities held by the pledging institution's trust department or agent in the District's name.

Category 3 – Uncollateralized.

NOTE 2: CASH (continued)

Deposits categorized by risk:

	Category 1	2	3	Deposit Balance	Carrying Amount
Governmental Activities					
Major Funds:					
2017 General Fund And Total Deposits	$ 250,000	$ 261,623	$ -0-	$511,623	$507,810

NOTE 3: CAPITAL ASSETS

Capital asset activity for the year ended September 30, 2017, was as follows:

	Balance 10/1/2016	Additions/ Completions	Retirements/ Adjustments	Balance 9/30/2017
Land	77,989	-	-	77,989
Total Assets-not Depreciated	77,989	-	-	77,989
Assets-Depreciated				
Vehicles	375,223	-	-	375,223
Equipment	106,396	-	-	106,396
Buildings and Structures	1,439,106	-	-	1,439,106
Total assets- Depreciated	1,920,725	-	-	1,920,725
Accumulated Depreciation	(673,695)	(48,386)	-	(722,081)
Governmental activities capital assets, net	1,247,030	(48,386)	-	1,198,644
Total Governmental Capital Assets	1,325,019	(48,386)	-	1,276,633

In prior years, the District entered into capital leases for a truck, equipment, and radios (see Note 4). At September 30, 2017, the gross amount of the asset was $124,522 and accumulated amortization was $106,756. Amortization expense is included in depreciation expense.

Depreciation expense charged to the government wide statements was $48,386.

NOTE 4: CAPITAL LEASE OBLIGATIONS

The District maintains the following capital leases:

Loan Amount:	$94,604
Maturity Date:	November 1, 2018
Interest Rate:	3.5% annum
Payment Terms:	Payments are due and payable in bi-annual installments of $4,143 beginning May 1, 2008 and ending November 1, 2018. The lease is collateralized with the radios. The total outstanding balance at September 30, 2017, was $12,006.

Loan Amount:	$30,000
Maturity Date:	January 30, 2025
Interest Rate:	3.92% annum
Payment Terms:	Payments are due and payable in annual installments of $3,733 beginning January 30, 2016 and ending January 30, 2025. The lease is collateralized with a vehicle, equipment and tax revenue. The total outstanding balance at September 30, 2017, was $25,127.

Loan Amount:	$40,000
Maturity Date:	January 30, 2025
Interest Rate:	3.92% annum
Payment Terms:	Payments are due and payable in annual installments of $4,977 beginning January 30, 2016 and ending January 30, 2025. The lease is collateralized with equipment and tax revenue. The total outstanding balance at September 30, 2017, was $33,502.

The future debt service for capital leases payable is as follows:

Year Ending September 30	Principal	Interest	Total
2018	$ 14,338	$ 2,658	$ 16,996
2019	10,726	2,126	12,852
2020	6,915	1,794	8,709
2021	7,186	1,523	8,709
2022	7,468	1,242	8,710
2023-2027	24,002	1,922	25,924
Total	$ 70,635	$ 11,265	$ 81,900

NOTE 5: NOTE PAYABLE

Changes in Outstanding Debt

Transactions for the year ended September 30, 2017, are summarized as follows:

Governmental Activities:	Balance October 1	Additions	Reductions	Balance September 30	Due within one year
Notes Payable	$ 1,217,300	0	$ 53,947	$ 1,163,353	$ 56,553
Capital Lease Obligations	84,456	0	13,821	70,635	14,338
Compensated Absences	7,227	702	0	7,929	0
Net Pension Liability	(3,411)	1,197	0	(4,608)	0
Total Governmental Activities	$ 1,305,572	$ 1,899	$ 67,768	$ 1,237,309	$ 70,891

The District has a loan with Eagle Bank, a note for the fire station at a fixed rate of 3.25% with monthly payments of $7,775, maturing September 30, 2033. The balance due as of September 30, 2017, is $1,163,353.

The future principal payments for these notes are as follows:

Year Ending September 30	Principal	Interest	Total
2018	$ 56,553	$ 36,742	$ 93,295
2019	58,419	34,876	93,295
2020	60,346	32,949	93,295
2021	62,337	30,958	93,295
2022	64,393	28,902	93,295
2023-2027	355,266	111,209	466,475
2028-2032	506,039	49,884	555,923
Total	$ 1,163,353	$ 325,520	$ 1,488,873

NOTE 6: PROPERTY TAXES

The District property tax is levied each October 1 on the assessed value listed as of the previous January 1 for all real property located in the District. The District's property tax is levied each October 1 on the assessed value listed as of the prior January 1 for all real and business personal property located in the District. An enforceable lien is attached to the property as of January 1. The assessed value of the roll as of January 1, 2016, upon which the 2016 levy was based, was $540,462,090 as certified by the Williamson County Central Appraisal District.

Taxes are due by January 31 following the October 1 levy date. The total 2016 levy was $ 540,462 and the tax rate was $ 0.10 per $100 assessed valuation. Property taxes are considered fully collectible and therefore no allowance for uncollectible taxes is provided. The appraisal of property within the District is the responsibility of the Williamson County Central Appraisal District. The Appraisal District is required under the Property Tax Code to assess all property within the appraisal district on the basis of 10% of its appraisal value and is prohibited from applying any assessment ratios.

NOTE 7: RISK MANAGEMENT

During the ordinary course of business, the District becomes exposed to various risks of loss related to torts, theft of, damage and destruction of assets; business interruption; error and omissions; and natural disasters, for which it carries commercial insurance at levels consistent with that of prior years. Risk retention is substantially confined to customarily nominal policy deductibles. Resulting risk management liabilities, if any, are reported when it is probable that a loss has occurred and the amount of the loss can be reasonably estimated. There are no risk management liabilities that have been made known to management, or are reported in these financial statements.

NOTE 8: RELATED PARTY TRANSACTIONS

During the course of the year, the District conducted related party transactions. The Commissioners of the District analyzed the transactions, and prior to initiating it was determined the transactions to be arm's length transactions. There are not any related party receivables or payables at year end.

NOTE 9: DATE OF MANAGEMENT'S REVIEW

Management has evaluated all subsequent events for disclosure and/or recognition through the date of the *Independent Auditor's Report*, which is the date the financial statements were available to be issued. No events occurred that would impact the financial statements.

NOTE 10: FUND BALANCE CLASSIFICATION

The District complies with GASB Statement No. 54, *Fund Balance Reporting and Governmental Fund Type Definitions*, which establishes fund balance classifications that comprise a hierarchy based primarily on the extent to which a government is bound to observe constraints imposed upon the use of the resources reported in governmental funds. Those fund balance classifications are described below.

Nonspendable - Amounts that cannot be spent because they are either not in a spendable form or are legally or contractually required to be maintained intact.

Restricted - Amounts that can be spent only for specific purposes because of constraints imposed by external providers, or imposed by constitutional provisions or enabling legislation.

Committed - Amounts that can only be used for specific purposes pursuant to approval by formal action by the Board.

Assigned - For the General Fund, amounts that are appropriated by the Board or Board designee that are to be used for specific purposes. For all other governmental funds, any remaining positive amounts not previously classified as nonspendable, restricted or committed.

Unassigned - Amounts that are available for any purpose; these amounts can be reported only in the District's General Fund.

NOTE 10: FUND BALANCE CLASSIFICATION (continued)

Fund balance of the District may be committed for a specific purpose by formal action of the Board, the District's highest level of decision-making authority. Commitments may be established, modified, or rescinded only through a resolution approved by the Board. The Board has delegated the authority to assign fund balance for a specific purpose to the District's Chief or Assistant Chief.

In circumstances where an expenditure is to be made for a purpose for which amounts are available in multiple fund balance classifications, the order in which resources will be expended is as follows: restricted fund balance, committed fund balance, assigned fund balance, and lastly, unassigned fund balance.

As of September 30, 2017, the District has not adopted a minimum fund balance policy.

The detail of the fund balance is included in the Governmental Fund Balance Sheet on page 9.

NOTE 11: EXPLANATION OF DIFFERENCES BETWEEN GOVERNMENTAL FUND AND GOVERNMENT-WIDE STATEMENTS

Differences between the Governmental Fund Balance Sheet and the Statement of Net Position:

The differences (as reflected in the adjustments column) primarily result from the long-term economic resources focus of the statement of net position versus the current financial resources focus of the governmental fund balance sheet.

When capital assets (land, buildings, equipment) that are to be used in governmental activities are purchased or constructed, the costs of those assets are reported as expenditures in governmental funds. However, the statement of net position includes those capital assets among the assets of the District as a whole.

Cost of capital assets	$ 1,998,714
Accumulated Depreciation	(722,081)
	$ 1,276,633

Interest on long-term debt is not accrued in governmental funds, but rather is recognized as an expenditure when due.

Accrued interest payable	$ 5,123

Taxes receivable are offset by deferred revenues in the governmental funds and thus are not included in fund balance.

Deferred revenue	$ (19,012)

Long-term liabilities applicable to the district's governmental activities are not due and payable in the current period and accordingly are not reported as fund liabilities. All liabilities – both current and long-term—are reported in the statement of net position.

Due within one year	$ 70,891
Due after one year	1,166,418

NOTE 11: EXPLANATION OF DIFFERENCES BETWEEN GOVERNMENTAL FUND AND GOVERNMENT-WIDE STATEMENTS (Continued)

Differences between the Governmental Fund Operating Statement and the Statement of Net Activities:

The differences (as reflected in the adjustments column) arise primarily from the long-term economic resources focus of the statement of activities versus the current financial resources focus of the governmental funds.

Some expenses reporting the statement of activities do not require the use of current financial resources and therefore are not reported as expenditures in governmental funds.

Adjustment for Compensated Leave	$ 702
Adjustment for Pension Liability	(1,197)
Change in Deferred Inflows/Outflows related to Pension	(7,867)
	$(8,362)

When capital assets that are to be used in governmental activities are purchased or constructed, the resources expended for those assets are reported as expenditures in governmental funds. However, in the statement of activities the cost of those assets is allocated over their estimated useful lives and reported as depreciation expense.

Capital Outlay	$	-0-
Depreciation Expense	$	48,386

Repayment of capital lease obligations is reported as an expenditure in governmental funds. For the district as a whole, however, the principal payments reduce the liabilities in the statement of net position and do not result in an expense in the statement of activities.

Payment of Principal	$	(67,765)

Interest expense in the statement of activities differs from the amount reported in governmental funds because additional accrued interest was calculated for capital lease obligations.

Change in Accrued interest	$	2,974

Because some property taxes will not be collected for several months after the district's year end, they are not considered as "available" revenues in the governmental funds.

Adjustment for property taxes collected after year-end	$	6,372

NOTE 12: SUBSEQUENT EVENTS

The plan to reimburse the City of Jarrell, as agreed upon in the City of Jarrell Resolution 2016-1-23E, is 24 equal payment installments of $6,250 per month. The first installment payment will be in October 2018, and will be included in the ESD budget for FY 2018-2019 for the first 12 installments. The FY2019-2020 budget year will include funding for the remaining 12 months.

NOTE 13: PENSION PLAN

Plan Description. Williamson County Emergency Services District #5 participates in the Texas County & District Retirement System (TCDRS), which is a statewide, agent multiple-employer, public employee retirement system.

a. A brief description of benefit terms:

   1) All full- and part-time non-temporary employees participate in the plan, regardless of the number of hours they work in a year. Employees in a temporary position are not eligible for membership.

   2) The plan provides retirement, disability and survivor benefits.

   3) TCDRS is a savings-based plan. For the district's plan, 4% of each employee's pay is deposited into his or her TCDRS account. By law, employee accounts earn 7% interest on beginning of year balances annually. At retirement, the account is matched at an employer set percentage (current match is 100%) and is then converted to an annuity.

   4) There are no automatic COLAs. Each year, the district may elect an ad hoc COLA for its retirees (if any). There are two COLA types, each limited by actual inflation.

   5) Benefit terms are established under the TCDRS Act. They may be amended as of Jan. 1 each year, but must remain in conformity with the Act.

b. The district's contribution rate is calculated annually on an actuarial basis, although the employer may elect to contribute at a higher rate. The Williamson County Emergency Services District #5 contribution rate is based on the TCDRS funding policy adopted by the TCDRS Board of Trustees and must conform with the TCDRS Act. The employee contribution rates are set by the district and are currently 4%. Contributions to the pension plan from the district for 2015 are shown in the chart on the prior page.

c. The most recent comprehensive annual financial report for TCDRS can be found at the following link, www.tcdrs.org.

Employee membership data related to the Plan, as of the valuation date of December 31, 2016, was as follows:

Number of inactive employees entitled to but not yet receiving benefits	3
Number of active employees	8
Total	11

NOTE 13: PENSION PLAN (continued)

Net Pension Liability

The District's net pension liability was measured as of December 31, 2016, and the total pension liability used to calculate the net pension liability was determined by an actuarial valuation as of that date.

Actuarial Assumptions. The total pension liability in the December 31, 2016, actuarial valuation was determined using the following actuarial assumptions, applied to all periods included in the measurement:

Valuation Timing Actuarially determined contribution rates are calculated on a calendar year basis as of December 31, two years prior to the end of the fiscal year in which the contributions are reported.

Actuarial Cost Method Entry Age Normal

Amortization Method

Recognition of economic/demographic gains or losses
Straight-Line amortization over Expected Working Life

Recognition of assumptions changes or inputs
Straight-Line amortization over Expected Working Life

Asset Valuation Method

Smoothing period	5 years
Recognition method	Non-asymptotic
Corridor	None

Inflation 3.0%

Salary Increases The annual salary increase rates assumed for individual members vary by length of service and by entry-age group. The annual rates consist of a general wage inflation component of 3.5% (made up of 3.0% inflation and 0.5% productivity increase assumptions) and a merit, promotion and longevity component that on average approximates 1.4% per year for a career employee. (See Table 1 for Merit Salary Increases.)

Investment Rate of Return 8.10%

Cost-of-Living Adjustments Cost-of-Living Adjustments for Williamson County Emergency Services District #5 are not considered to be substantively automatic under GASB 68. Therefore, no assumption for future cost-of-living adjustments is included in the GASB calculations. No assumption for future cost-of-living adjustments is included in the funding valuation.

Retirement Age Deferred members are assumed to retire (100% probability) at the later of: a) age 60 b) earliest retirement eligibility.
(For all eligible members ages 75 and later, retirement is assumed to occur immediately.)

Turnover Same as funding valuation

Mortality

Depositing members	The RP-2000 Active Employee Mortality Table for males with a two-year set-forward and the RP-2000 Active Employee Mortality Table for females with a four-year setback, both projected to 2014 with scale AA and then projected with 110% of the MP-2014 Ultimate scale after that.
Service retirees, beneficiaries and non-depositing members	The RP-2000 Combined Mortality Table projected to 2014 with scale AA and then projected with 110% of the MP-2014 Ultimate scale after that, with a one-year set-forward for males and no age adjustment for females.
Disabled retirees	RP-2000 Disabled Mortality Table projected to 2014 with scale AA and then projected with 110% of the MP-2014 Ultimate scale after that, with no age adjustment for males and a two-year set-forward for females.

NOTE 13: PENSION PLAN (continued)

Long-Term Expected Rate of Return

The long-term expected rate of return on TCDRS assets is determined by adding expected inflation to expected long-term real returns, and reflecting expected volatility and correlation. The capital market assumptions and information shown below are provided by TCDRS' investment consultant, Cliffwater LLC. The numbers shown are based on January 2017 information for a 7-10 year time horizon.

Note that the valuation assumption for long-term expected return is re-assessed at a minimum of every four years, and is set based on a 30-year time horizon; the most recent analysis was performed in 2013. See Milliman's TCDRS Investigation of Experience report for the period January 1, 2009 – December 31, 2012 for more details.

Asset Class	Benchmark	Target Allocation(1)	Geometric Real Rate of Return (Expected minus inflation)(2)
US Equities	Dow Jones US Total Stock Market Index	13.50%	4.70%
Private Equity	Cambridge Associates Global Private Equity & Venture Capital Index (3)	16.00%	7.70%
Global Equities	MSCI World (net) Index	1.50%	5.00%
International Equities – Developed	MSCI World Ex USA (net)	10.00%	4.70%
International Equities – Emerging	MSCI EM Standard (net) Index	7.00%	5.70%
Investment-Grade Bonds	Bloomberg Barclays U.S. Aggregate Bond Index	3.00%	0.60%
High-Yield Bonds	Citigroup High-Yield Cash-Pay Capped Index	3.00%	3.70%
Opportunistic Credit	Citigroup High-Yield Cash-Pay Capped Index	2.00%	3.83%
Direct Lending	S&P/LSTA Leveraged Loan Index	10.00%	8.15%
Distressed Debt	Cambridge Associates Distressed Securities Index (4)	3.00%	6.70%
REIT Equities	67% FTSE NAREIT Equity REITs Index +33% FRSE EPRA/NAREIT Global Real Estate Index	2.00%	3.85%
Master Limited Partnerships (MLPs)	Alerian MLP Index	3.00%	5.60%
Private Real Estate Partnerships	Cambridge Associates Real Estate Index(5)	6.00%	7.20%
Hedge Funds	Hedge Fund Research, Inc. (HFRI) Fund of Funds Composite Index	20.00%	3.85%

(1) Target asset allocation adopted at the April 2017 TCDRS Board meeting.
(2) Geometric real rates of return in addition to assumed inflation of 1.6%, per Cliffwater's 2017 capital market assumptions.
(3) Includes vintage years 2006-present of Quarter Pooled Horizon IRRs.
(4) Includes vintage years 2005-present of Quarter Pooled Horizon IRRs.
(5) Includes vinage years 2007-present of Quarter Pooled Horizon IRRs.

NOTE 13: PENSION PLAN (continued)

Net Pension Liability / (Asset)

Net Pension Liability / (Asset)	December 31, 2016	December 31, 2015
Total pension liability	$50,078	$28,046
Fiduciary net position	54,686	31,456
Net pension liability / (asset)	(4,608)	(3,411)
Fiduciary net position as a % of total pension liability	109.20%	112.16%
Pensionable covered payroll[(1)]	$269,821	$218,921
Net pension liability as a % of covered payroll	(1.71%)	(1.56%)

The total pension liability was determined by an actuarial valuation as of the valuation date, calculated based on the discount rate and actuarial assumptions below.

Note: Rounding differences may exist above or in other tables in this report.
(1) Payroll is calculated based on contributions as reported to TCDRS.

Discount Rate		
Discount rate[(2)]	8.10%	8.10%
Long-term expected rate of return, net of investment expense[(2)]	8.10%	8.10%
Municipal bond rate[(3)]	Does not apply	Does not apply

NOTE 13: PENSION PLAN (continued)

Changes in Net Pension Liability / (Asset)

Changes in Net Pension Liability/(Asset)	Total Pension Liability (a)	Fiduciary Net Position (b)	Net Pension Liability/(Asset) (a) – (b)
Balances as of December 31, 2015	$28,046	$31,456	$(3,411)
Changes for the year:			
Service cost	12,952		12,952
Interest on total pension liability[1]	2,778		2,778
Effect of plan changes[2]	(215)		(215)
Effect of economic/demographic gains or losses	6,518		6,518
Effect of assumptions changes or inputs	0		0
Refund of contributions	0	0	0
Benefit payments	0	0	0
Administrative expenses		(26)	26
Member contributions		10,793	(10,793)
Net investment income		2,407	(2,407)
Employer contributions		8,708	(8,708)
Other[3]	0	1,349	(1,349)
Balances as of December 31, 2016	$50,078	$54,686	$(4,608)

(1) Reflects the change in the liability due to the time value of money. TCDRS does not charge fees or interest.
(2) No plan changes valued.
(3) Relates to allocation of system-wide items.

Sensitivity Analysis

The following presents the net pension liability of the district, calculated using the discount rate of 8.10%, as well as what the ESD net pension liability would be if it were calculated using a discount rate that is 1 percentage point lower or 1 percentage point higher than the current rate.

	1% Decrease 7.10%	Current Discount Rate 8.10%	1% Increase 9.10%
Total Pension Liability	$ 59,768	$50,078	$42,259
Fiduciary Net Position	54,686	54,686	54,686
Net pension liability/(asset)	$5,081	$(4,608)	($12,427)

NOTE 13: PENSION PLAN (continued)

As of December 31, 2016, the deferred inflows and outflows of resources are as follows:

Deferred Inflows/Outflows of Resources

	Deferred Inflows of Resources	Deferred Outflows of Resources
Differences between expected and actual experience	$ 6.969	$ 6.031
Changes of assumption	0	143
Net difference between projected and actual earnings	0	2,260
Contributions made subsequent to measurement date	N/A	5,729
Totals	$ 6,969	$ 14,163

Amounts currently reported as deferred outflows of resources and deferred inflows of resources related to pensions, excluding contributions made subsequent to the measurement date, will be recognized in pension expense as follows:

Year ended December 31:	
2017	$704
2018	704
2019	591
2020	171
2021	(23)
Thereafter(3)	(682)

(3) Total remaining balance to be recognized in future years, if any. Note that additional future deferred inflows and outflows of resources may impact these numbers.

Payable to the Pension Plan

At September 30, 2017, the District reported a payable of $1,701 for the outstanding amount of employer and employee contributions to the pension plan required for the year ended September 30, 2017.

Supplementary Information

WILLIAMSON COUNTY EMERGENCY SERVICES DISTRICT NO. 5
GOVERNMENTAL FUND REVENUES, EXPENDITURES, AND
BUDGET TO ACTUAL COMPARISON - GENERAL FUND
FOR THE YEAR ENDING SEPTEMBER 30, 2017

	Budget		Actual Amounts	Variance Favorable/
	Original	Final	Budgetary Basis	(Unfavorable)
GENERAL REVENUES				
Ad Valorem Taxes	$ 512,000	$ 541,438	$ 544,614	3,176
Penalty & Interest	-	-	4,194	4,194
Sales Taxes	-	-	190,029	190,029
Interlocal Agreement	110,997	93,997	94,633	636
Cost Recovery	15,000	15,000	9,582	(5,418)
Interest Income	-	-	-	-
Grants/Contributions	10,000	30,000	14,407	(15,593)
Miscellaneous	3,950	3,950	6,457	2,507
Total General Revenues	$ 651,947	$ 684,385	$ 863,916	179,531
EXPENDITURES/EXPENSES				
Fire Fighting Equipment	$ -	$ -	$ 197	(197)
Personnel Expense	439,331	422,258	392,236	30,022
Supplies-Fleet	23,150	23,150	21,807	1,343
Supplies-Emergency Equipment	11,300	11,300	6,255	5,045
Maintenance	12,500	12,500	15,563	(3,063)
Professional Fees	10,000	10,000	6,985	3,015
Office Expense/Postage	2,050	2,050	1,964	86
Computer Expense	3,000	10,228	9,249	979
Insurance	16,990	19,991	21,347	(1,356)
Appraisal District & Tax Collector Fees	4,500	4,500	4,723	(223)
Utilities	10,100	11,900	13,170	(1,270)
Communications	8,500	8,500	16,534	(8,034)
Miscellaneous	45,272	64,774	13,092	51,682
Personal Protective Equipment	16,200	16,200	12,985	3,215
Sales Tax Election	-	11,372	10,637	735
Capital Outlay	9,000	9,000	-	9,000
Debt Service:				
Principal	111,445	111,445	67,765	43,680
Interest	3,346	3,346	39,228	(35,882)
Total expenditures/expenses	$ 726,684	$ 752,514	$ 653,737	98,777
Excess (Deficiency) of revenues over expenditures	(74,737)	(68,129)	210,179	278,308
Net Change in Fund Balance	$ (74,737)	$ (68,129)	$ 210,179	
Fund Balance Beginning of the year			328,843	
End of the year			$ 539,022	

Williamson County Emergency Services District #5
Schedule of Changes in Net Pension Liability and Related Ratios

	Year Ended December 31									
	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007
Total Pension Liability										
Service cost	12,952	16,088	18,202	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Interest on total pension liability	2,778	2,131	723	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Effect of plan changes	(215)	(1,239)	-	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Effect of assumption changes or inputs	-	166	-	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Effect of economic/demographic (gains) or losses	6,518	(8,041)	17	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Benefit payments/refunds of contributions	-	-	-	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Net change in total pension liability	22,033	9,105	18,943	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total pension liability, beginning	28,048	18,943	-	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total pension liability, ending (a)	50,081	28,048	18,943	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Fiduciary Net Position										
Employer contributions	8,708	7,224	7,060	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Member contributions	10,793	8,757	8,558	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Investment income net of investment expenses	2,407	(178)	62	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Benefit payments/refunds of contributions	-	-	-	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Administrative expenses	(26)	(18)	(6)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Other	1,349	(2)	-	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Net change in fiduciary net position	23,231	15,783	15,673	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Fiduciary net position, beginning	31,456	15,673	-	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Fiduciary net position, ending (b)	54,687	31,456	15,673	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Net pension liability / (asset), ending = (a) - (b)	(4,606)	(3,408)	3,270	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Fiduciary net position as a % of total pension liability	109.20%	112.15%	82.74%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Pensionable covered payroll	269,821	218,921	213,948	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Net pension liability as a % of covered payroll	-1.71%	-1.56%	1.53%	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Williamson County Emergency Services District #5
Schedule of Employer Contributions

Year Ending December 31	Actually Determined Contribution	Actual Employer Contibution	Contribution Deficiency (Excess)	Pensionable Covered Payroll	Actual Contribution as a % of Covered Payroll
2007	Not Available	Not Available	Not Available	Not Available	Not Available
2008	**	**	**	**	**
2009	**	**	**	**	**
2010	**	**	**	**	**
2011	**	**	**	**	**
2012	**	**	**	**	**
2013	**	**	**	**	**
2014	7,060	7,060	0	213,948	3.30%
2015	72	72	0	218,921	3.30%
2016	8,688	8,708	-20	269,821	3.23%

Williamson County Emergency Services District #5
Notes to the Schedule of Employer Contributions
For the year ending September 30, 2017

Valuation Date:	Actuarially determined contribution rates are calculated each December 31, two years prior to the end of the fiscal year in which contributions are reported.
Methods and assumptions used to determine contribution rates:	
Actuarial Cost Method	Entry Age
Amortization Method	Level percentage of payroll, closed
Remaining Amortization Period	12.0 years (based on contribution rate calculated in 12/31/2016 valuation)
Asset Valuation Method	5-year smoothed market
Inflation	3.0%
Salary Increases	Varies by age and service. 4.9% average over career including inflation.
Investment rate of Return	8.00%, net of investment expenses, including inflation
Retirement Age	Members who are eligible for service retirement are assumed to commence receiving benefit payments based on age. The average age at service retirement for recent retirees is 61.
Mortality	In the 2015 actuarial valuation, assumed life expectancies were adjusted as a result of adopting a new projection scale (110% of the MP-2014 Ultimate Scale) for 2014 and later. Previously Scale AA had been used. The base table is the RP-2000 table projected with Scale AA to 2014.
Changes in Plan Provisions Reflected in the Schedule*	No changes in plan provisions are reflected in the Schedule of Employer Contributions.

**Only changes effective 2015 and later are shown in the Notes to Schedule.*

Commissioners Court - Regular Session **17.**

Meeting Date: 06/19/2018

ESD8

Submitted By: Rebecca Clemons, County Judge

Department: County Judge

Agenda Category: Consent

Information

Agenda Item

Acknowledge and enter into the official minutes the annual financial statements for ESD #8.

Background

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

ESD.8

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst. (Originator)	Wendy Coco	06/11/2018 03:30 PM
Form Started By: Rebecca Clemons		Started On: 06/11/2018 03:06 PM
Final Approval Date: 06/11/2018		

Williamson County
Emergency Services District No. Eight
Financial Statements
September 30, 2017

Williamson County Emergency Services District No. 8
For the Year Ending September 30, 2017

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Medack & Oltmann, LLP
Certified Public Accountants

PARTNERS
James E. Medack, CPA
Melodi J. Oltmann, CPA

PROFESSIONAL STAFF
Remington O'Dell, CPA

MEMBERS
American Institute of Certified Public Accountants
Texas Society of Certified Public Accountants

INDEPENDENT AUDITOR'S REPORT

To the Board of Directors
Williamson County Emergency Services District No. 8

We have audited the accompanying financial statements of the governmental activities, and each major fund, of Williamson County Emergency Services District No. 8, as of and for the year ended September 30, 2017, and the related notes to the financial statements, which collectively comprise the District's basic financial statements as listed in the table of contents.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express opinions on these financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment including the assessment of the risks of material misstatements of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

Opinions

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the governmental activities, and each major fund, of Williamson County Emergency Services District No. 8, as of September 30, 2017, and the respective changes in financial position thereof for the year then ended in accordance with accounting principles generally accepted in the United States of America.

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Other Matters

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis and budgetary comparison information on pages 3 through 10 and 26 be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Medack & Oltmann, LLP
Giddings, TX
February 2, 2018



Management's Discussion and Analysis

This is the discussion and analysis of the Williamson County ESD #8 for fiscal year ending September 30, 2017.

Citizens and taxpayers want a clear picture of the financial health of their governments, which includes Emergency Services Districts. They also want to know how their tax dollars were spent and how much it costs to provide major services such as firefighting, fire prevention and rescue services. The concept of financial accountability of elected or appointed officials is reflected in the standards adopted by the Governmental Accounting Standards Board (GASB) for annual financial reporting.

This Management Discussion and Analysis (MD&A) is composed with the GASB concepts in mind. Please read it in conjunction with the District's financial statements, which follow this section.

Financial Highlights

- *The Districts total net position for the fiscal year exceeded the liabilities of $39,625 by $ 4,615,013.*
- *Change in net position from current operations was $ 589,991 resulting in cash reserves of $ 4,186,680 at the end of the fiscal year.*
- *The District continued the Fire Protection Services contract with the City of Georgetown at an annual cost of $1,679,587.*
- The District approved the preliminary design for the construction of Fire Station 6 with a probable cost of $4,302,730.
- The District's annexation of the Whitetail Subdivision will provide additional tax revenue in the coming years.

Using This Annual Report

This annual report consists of two financial statements. GASB Statement No. 34 provides that for governments engaged in a single government program, the fund financial statements and the government-wide statements may be combined. These combined statements appear on pages 11 and 12. The second column is an adjustments column, reconciling the amounts reported in the government funds to show how each would change when reported on the full-accrual basis of accounting. The last column of these combination statements shows the amounts that normally would appear in the government-wide statements.

Reporting the District as a Whole

The Statement of Net Position and the Statement of Activities present information about the District as a whole. These statements (as reported in the last column of each of the statements) include all of the District's assets and liabilities, utilizing the accrual basis of accounting which is similar to the accounting used by most private sector companies. All of the current year's revenues and expenses are taken into account regardless of when cash is received or paid.

These two columns report the District's net position and changes in them. The difference between assets and liabilities, net assets, are one way to measure the District's financial health. Over time, increases or decreases in net position may serve as a useful indicator of whether the financial position of the District is improving or deteriorating. However, other non-financial factors such as changes in the District's property tax base must also be considered in an assessment of the overall financial health of the District.

The Statement of Activities, also included on page 12, presents information showing how the District's net position changed during the most recent twelve-month period. All changes in net position are reported as soon as the underlying event giving rise to the change occurs, regardless of the timing of related cash flows. Thus, revenues and expenses are reported in this statement for some items that will result in cash flows in future fiscal periods.

Reporting the District's Funds

A fund is a grouping of related accounts that is used to maintain control over resources that have been segregated for specific activities or objectives. The District, like other state and local governments, uses fund accounting to ensure and demonstrate compliance with finance-related legal requirements. The District may establish other funds to help in control and manage money for particular purposes or to show that it is meeting its legal responsibilities for using certain taxes, grants and other money. These funds are reported using and accounting method called Modified Accrual accounting

which measures cash and all other financial assets that can be readily converted to cash.

Governmental Funds

Governmental funds are used to account for essentially the same functions reported as governmental activities in the government-wide financial statements. However, unlike the government-wide financial statements, governmental fund statements focus on near-term inflows and outflows of spend-able resources, as well as on balances of spend-able resources available at the end of the fiscal year. Because the focus of governmental funds is narrower than that of the government-wide financial statements, it is useful to compare that information presented for governmental funds with similar information presented for governmental activities in the government-wide financial statements. The District only reports using one fund that being the General Fund.

Notes to the Financial Statements

The notes provide additional information that is essential to a full understanding of the data provided in the government-wide and fund financial statements.

The District as a Whole

Governmental activities increased the District's net position by $ 589,991, approximately 14.66%. Our analysis below focuses on the net position (Table 1) and the changes in net position (Table 2) of the District's governmental activities:

Table 1
Government Activities
Net Position

Assets	**9/30/2017**	**9/30/2016**
Current Assets	4,227,584	3,621,171
Other Assets	-	-
Capital Assets	427,054	414,480
Total Assets	**$ 4,654,638**	**$ 4,035,651**
Liabilities		
Current Liabilities	39,625	10,629
Long-Term Liablilites		-
Total Liabilities	**$ 39,625**	**$ 10,629**
Net Position		
Investment in capital assets	427,054	414,480
Restricted	-	-
Unrestricted	4,187,959	3,610,542
Total Net Position	**$ 4,615,013**	**$ 4,025,022**

Table 2
Government Activities
Changes in Net Position

	9/30/2017	9/30/2016
General Revenues		
Ad Valorem Taxes	2,412,804	2,142,589
Penalties & Interest on Taxes	9,179	8,249
Interest	10,973	9,552
Grant		
Other	-	-
Total General Revenues	**$ 2,432,956**	**$ 2,160,390**
Program Revenues		
Operating Grants and Contributions		
County Aid	-	-
Expenditures/Expenses		
Legal Notices	1,402	1,243
Tax Collector/Appraisal District Fees	18,279	17,315
Insurance & Bonds	4,191	3,551
Professional Services	21,767	14,697
Contracted Services	1,701,187	1,477,076
Miscellaneous	7	690
Training Prevention Staffing Study	1,203	2,870
Association Dues	1,100	1,100
Office Supplies	-	119
Hydrant Project	50,000	-
Long Range Strategic Training	-	18,668
Election Expense	9,498	-
Depreciation Expense	34,331	34,331
Debt Service		
Principal	-	-
Interest	-	761
Total Expenditures/Expenses	**$ 1,842,965**	**$ 1,572,421**
Change in Net Postion	**$ 589,991**	**$ 587,969**
Net Position - Fund Balance Beginning of Year	$ 4,025,022	$ 3,437,053
Net Position - Fund Balance Ending of Year	$ 4,615,013	$ 4,025,022
Change in Net Position		
Percent Increase or (decrease)	14.66%	17.11%

Capital Assets:

At the end of the fiscal year September 30, 2017, capital assets are as follows:

	2017	2016
Land	271,706	271,706
Construction in Progress	52,433	5,528
Vehicles	342,528	342,528
Furniture & Fixtures	-	-
Equipment	392	392
Buildings and Structures	-	-
Accumulated Depreciation	(240,005)	(205,674)
Governmental activities capital assets, net	427,054	414,480

Depreciation expense charged to the general fund was $ 34,331.

More detailed information about the District's Capital Assets is presented in Note 5 of the financial statements.

Financial Analysis of the Government's Funds

As noted earlier the District uses Fund accounting to ensure and demonstrate compliance with finance-related legal requirements. For the year ending 09/30/17, the District's total fund balance was $ 4,154,396 which reflects a net combined increase of $ 576,435.

Approximately 99% of the District's FY 2017 income is derived from Ad Valorem property taxes, while the remainder is primarily Money Market Interest income. Interest rates have remained extremely low in the last year and the District received only about .45% of its total income on its cash investments.

Revenues		**Oct. 2016 to Sep. 2017**	
Property Taxes	$	2,411,822	99.17%
Penalties & Interest		9,179	0.38%
Interest Income		10,973	0.45%
Grants		-0-	0.00%
Miscellaneous		-0-	0.00%
Total	**$**	**2,431,974**	**100%**

Budgetary Highlights

The District's annual budget includes estimated revenues and expenditures for fiscal year that begins each October 1. The annual budget is a "line-item" document that helps guide the Board of Commissioners through the year with a high degree of financial control over District expenditures.

Estimates of taxable value for the year are provided by the Williamson County Tax Appraisal Office. That estimate, combined with an estimate of historical tax collection rates for the District is used to estimate Ad Valorem Revenues and Establish a Tax Rate for the District.

In the fiscal year ending September 30, 2017, the Net Taxable (Assessed) Valuation of the District was $ 2,530,095,826 resulting in a total tax levy of $ 2,378,290 based on a tax rate of $ 0.094 per $100 valuation.

The District's 2016/2017 Budget resulted in actual expenditures of $1,855,539 vs the budget of $2,385,887.

Total revenues were $ 2,431,974 or $184,116 greater than the final budgeted amount. Ad Valorem tax revenue was $ 2,411,822 or $183,464, greater than the budgeted amounts. This resulted in the actual surplus being $576,435 more than the budgeted deficit of $138,029.

Review of the financial operations of the District during the year yielded several Board directed changes to policy and operations. The district continues to be a low tax rate District with the lowest tax rate of current Districts in Williamson County. The contract with the City of Georgetown Fire Services Division is one of the primary reasons for that low cost and exceptional level of service delivery. Other significant decisions were elimination of duplicate funding of services provided by GMAT within the service contract area with Georgetown Fire Services and allocation of Williamson County funds for mutual aide services to equipment and service enhancement within the District.

Currently Known Facts, Decisions and Economic Conditions

For the 2017 fiscal year, the tax rate for Williamson County Emergency Services District No. 8 was set at $0.094/$100 of assessed property value, which was a reduction from the previous year, and a property valuation increase of 12.56%. For the same period, the contract price with the City of Georgetown for fire and emergency services increased by 15.17%. The contract price is based on the percentage of call volume in the ESD compared to the City. The ESD8 Board of Emergency Services Commissioners has provided the highest level of service while keeping the ad valorem tax rate from increasing. Thus, ESD8 continued to have one of the lowest property tax rates of any ESD in Williamson County.

ESD8 is executing long-range and strategic plans by moving forward with the construction of Fire Station 6. The Board has approved the schematic design for the station and the architect is beginning the detail design phase. The design includes space for an ESD8 office and meeting room. The station will be built on property already owned by the District near the intersection of FM3405 and Andice Road which is an area with high call volume and long response times. ESD8 will fund the construction of the station and the City of Georgetown will assume the maintenance costs as well as providing staff to operate the station. Its presence will greatly improve the coverage and response times in both the ESD and the City, and may also serve to reduce homeowner's insurance premiums for residents in that area.

ESD8 continues to fund the installation of fire hydrants, where feasible, in areas of the district that have minimal or no coverage. Installations were completed and more are expected this year in the Jonah water district and on the portion of the City of Georgetown water system that is located in the ESD. Additionally, the City of Georgetown has capped the cost of each hydrant installed on their system at $5,000.

ESD8 has successfully completed the annexation of the Whitetail Subdivision after voters approved the annexation in the May 2017 general election. The addition of Whitetail to the ESD8 district will provide fire protection to the residents as well as provide ESD8 with additional tax revenue.

ESD8 has also successfully completed the annexation of Garey Park after voters approved the annexation in the November 2017 general election. This tract of land was donated to the City of Georgetown by Mr. Garey to be used as a park. The addition of Garey Park to the ESD8 district will not provide additional tax revenue due to it being park land, but will enable ESD8 to provide fire and emergency services to the area.

Financial management of funds and payment for services continue to be handled through a contracted CPA firm with oversight and approvals by the Treasurer and President. The board retains this CPA firm to perform their bookkeeping which results in improvements in account organization, reserve accounting, and management of disbursements. All of these improvements are made without sacrificing checks and balances. The ESD's financial policy includes financial guidelines and firm practices related to capital financing, debt service coverage, reserve balances, cash management, and investing of public funds in compliance with Governmental Accounting Standards Board accounting principles.

The ESD Board's meeting schedule is the third Wednesday of each month to provide a consistent date and time which facilitates attendance by Commissioners, Fire Department personnel, and visitors. Also, ESD8 holds special meetings and workshops, as needed, to meet needs that cannot be achieved during monthly sessions.

The Emergency Services District's administration is located in dedicated office space at 3500 D B Wood Road, in Georgetown's Public Safety Operations and Training Center. This physical space provides security for our documents, contracts, and financial records.

Administratively, the ESD Policies and Procedures are current, comprehensive and comprehendible. ESD8 has a fire code that is in sync with that of the City of Georgetown. In an effort to help taxpayers stay informed about the ESD's activities, we continue to maintain and enhance our website as well as pursue other actions to increase public awareness.

Contacting the District's Financial Management

This financial report is designed to provide a general overview of the District's finances for all those with an interest in the government's finances. Comments and/or questions concerning any of the information provided in this report or requests for additional financial information should be addressed to:

Williamson County ESD #8

Bobby Bunte - ESD 8 President
3500 D B Woods Rd.
Georgetown, TX 78628
Phone: 512-819-3104

WILLIAMSON COUNTY EMERGENCY SERVICES DISTRICT NO. EIGHT
GOVERNMENTAL FUNDS BALANCE SHEET AND
STATEMENT OF NET POSITION
SEPTEMBER 30, 2017

	General Fund	Adjustments (Note 9)	Statement of Net Position
ASSETS			
Cash	$ 4,186,680	$ -	$ 4,186,680
Property Taxes Receivable	33,563	-	33,563
Due from Other Governments	115	-	115
Prepaid Expenses	7,226	-	7,226
Capital Assets (net of accumulated depreciation)	-	427,054	427,054
TOTAL ASSETS	$ 4,227,584	$ 427,054	$ 4,654,638
DEFERRED OUTFLOWS OF RESOURCES	$	$ -	$ -
LIABILITIES			
Accounts Payable	$ 39,625	$ -	$ 39,625
Deferred Revenues	-	-	-
Accrued Interest Payable	-		-
Long Term Liabilities-Due within one year	-	-	-
Long Term Liabilities-Due after one year	-	-	-
TOTAL LIABILITIES	$ 39,625	$ -	$ 39,625
DEFERRED INFLOWS OF RESOURCES	$ 33,563	$ (33,563)	$ -
FUND BALANCES/NET POSITION			
Fund balances:			
Non-Spendable	$ 7,226	$ (7,726)	$ -
Spendable	-	-	-
Assigned	3,577,961	(3,577,961)	
Unassigned	569,209	(569,209)	
Total fund balances	4,154,396	(4,154,896)	-
Total liabilities and fund balances	$ 4,227,584	$ -	$
Net Position:			
Net Investment in Capital Assets		$ 427,054	427,054
Unrestricted		4,187,959	4,187,959
Restricted		-	-
Total Net Position		$ 4,615,013	$ 4,615,013

See Accompanying Notes to the Financial Statements

WILLIAMSON COUNTY EMERGENCY SERVICES DISTRICT NO. EIGHT
GOVERNMENTAL FUND REVENUES, EXPENDITURES, AND
CHANGES IN FUND BALANCES AND STATEMENT OF ACTIVITIES
FOR THE YEAR ENDING SEPTEMBER 30, 2017

	General Fund	Adjustments (Note 9)	Statement of Activities
EXPENDITURES/EXPENSES			
Legal Notices	$ 1,402	$ -	$ 1,402
Tax Collector/Appraisal District Fees	18,279	-	18,279
Insurance & Bonds	4,191	-	4,191
Professional Services	21,767	-	21,767
Contracted Services	1,701,187	-	1,701,187
Miscellaneous	7	-	7
Training	1,203	-	1,203
Association Dues	1,100	-	1,100
Office Supplies	-	-	-
Special Projects-Fire Hydrants	50,000	-	50,000
Election Expense	9,498	-	9,498
Capital Outlay	46,905	(46,905)	-
Depreciation Expense	-	34,331	34,331
Debt Service:			
Principal	-	-	-
Interest	-	-	-
Total expenditures/expenses	$ 1,855,539	$ (12,574)	$ 1,842,965
PROGRAM REVENUES	-	-	
Operating Grants and Contributions:			
County Aid	-	-	-
Net program expense			1,842,965
GENERAL REVENUES			
Ad valorem taxes	2,411,822	982	2,412,804
Penalties and Interest	9,179	-	9,179
Interest income	10,973	-	10,973
Miscellaneous	-		-
Total general revenues	$ 2,431,974	$ 982	$ 2,432,956
Excess (Deficiency) of revenues over expenditures	576,435	(576,435)	-
Change in net position	-	589,991	589,991
Fund Balance/Net Position Beginning of the year	3,577,961	447,061	4,025,022
End of the year	$ 4,154,396	$ 460,617	$ 4,615,013

See Accompanying Notes to the Financial Statements

WILLIAMSON COUNTY EMERGENCY SERVICES DISTRICT NO. EIGHT
NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDING SEPTEMBER 30, 2017

NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

The financial statements for the District have been prepared in accordance with generally accepted accounting principles (GAAP) as applied to governmental units. The Governmental Accounting Standards Board (GASB) is the standard-setting body for governmental accounting and financial reporting. The GASB periodically updates its codification of the existing Governmental Accounting and Financial Reporting Standards which, along with subsequent GASB pronouncements (Statements and Interpretations), constitutes GAAP for governmental units. More significant of these accounting policies are described below.

REPORTING ENTITY

The Williamson County Emergency Services District No. Eight (the District) was created by Article III, Section 48-e of the Constitution of Texas as proposed by SJR, No. 27, Acts of the 70th Legislature, Regular Session 1987, and adopted by the voters at an election held May 7, 2005, to protect life and property from fire and to conserve natural and human resources.

In evaluating how to define the government, for financial reporting purposes, management has considered all potential component units. The decision to include a potential component unit in the reporting entity was made by applying the criteria set forth in GAAP. The basic - but not the only - criterion for including a potential component unit with the reporting entity is the governing body's ability to exercise oversight responsibility. The most significant manifestation of this ability is financial interdependency. Other manifestations of the ability to exercise oversight responsibility include, but are not limited to, the selection of governing authority, the designation of management, the ability to significantly influence operations, and accountability for fiscal matters. A second criterion used in evaluating potential component units is the scope of public service. Application of this criterion involves considering whether the activity benefits the government and/or its citizens, or whether the activity is conducted within the geographic boundaries of the government and is generally available to its citizens. A third criterion used to evaluate potential component units for inclusion or exclusion from the reporting entity is the existence of special financing relationships, regardless of whether the government is able to exercise oversight responsibilities. Based upon the application of these criteria, no potential component units appear to exist.

NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (continued)

BASIS OF PRESENTATION

Basic Financial Statements

GASB sets forth minimum criteria for the determination of major funds based on a percentage of the assets, liabilities, revenues or expenditures/expenses or either fund category or governmental and enterprise combined. Due to the fund structure of the District, all funds have been classified as major funds. As a part of this Statement, there is a reporting requirement regarding the local government's infrastructure (road, bridges, etc.) The District does not own any infrastructure assets and therefore is unaffected by this requirement.

The basic financial statements include both government-wide (based on the District as a whole) and fund financial statements. The reporting model focus is on either the District as a whole or major individual funds (within the fund financial statements). In the government-wide Statement of Net Position both the governmental and business-type activities columns are presented on a consolidated basis by column, and are reflected on a full accrual, economic resources basis, which incorporates long-term assets and receivables as well as long-term debt and obligations. The District does not have any business-type activities.

The government-wide Statement of Activities reflects both the gross and net cost per functional category which are otherwise being supported by general government revenues. The Statement of Activities reduces gross expenses (including depreciation) by related program revenues, operating and capital grants. The program revenues must be directly associated with the function. However, the District does not have any program revenues for this fiscal period.

The net cost by function is normally covered by general revenues (intergovernmental revenues, interest income, etc). The District does not currently employ indirect cost allocation systems.

The government-wide focus is more on the sustainability of the District as an entity and the change in aggregate financial position resulting from the activities of the fiscal period. The governmental fund statements are presented on a current financial resource and modified accrual basis of accounting. This presentation is deemed appropriate to (a) demonstrate legal compliance, (b) demonstrate the source and use of liquid resources, and (c) demonstrate how the District's actual experience conforms to the budget or fiscal plan.

GASB provides that for governments engaged in a single governmental program, the fund financial statements and the government-wide statements may be combined. The District presents the general fund in the first column. The next column is an adjustments column. It reconciles the amounts reported in the governmental funds to show how each would change

NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (continued)

when reported on the full-accrual basis of accounting. The last column of these combination statements shows the amounts that normally would appear in the government-wide statements.

Expenses are reported by category, rather than by function since the District has only one function – fire-fighting.

BASIS OF ACCOUNTING

Basis of accounting refers to the point at which revenues or expenditures/expenses are recognized in the accounts and reported in the financial statements. It relates to the timing of the measurements made, regardless of the measurement focus applied.

The government-wide financial statements are presented on an accrual basis of accounting. Under the accrual basis of accounting, revenues are recognized when earned and expenses are recorded when the liability is incurred or economic asset used. Revenues, expenses, gains, losses, assets, and liabilities resulting from exchange and exchange-like transactions are recognized when the exchange takes place.

Governmental fund financial statements are reported using the current financial resources measurement focus and are accounted for using the modified accrual basis of accounting. Under the modified accrual basis of accounting, revenues are recognized when susceptible to accrual; i.e., when they become both measurable and available. "Measurable" means the amount of the transaction can be determined and "available" means collectible within the current period or soon enough thereafter to be used to pay liabilities of the current period. The District considers all revenues as available if they are collected within 60 days after year-end. Expenditures are recorded when the related fund liability is incurred.

In applying the "susceptible to accrual" concept to intergovernmental revenues pursuant to GASB Statement #33, the provider should recognize liabilities and expenses and the recipient should recognize receivables and revenues when the applicable eligibility requirements including time requirements, are met. Resources transmitted before the eligibility requirements are met, under most circumstances, should be reported as advances by the provider and deferred revenue by the recipient.

NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (continued)

BUDGETS

The District follows these procedures in establishing the budget reflected in the financial statements:

1. Prior to the beginning of each fiscal year, the District prepares a budget. The operating budget includes proposed expenditures and the means of financing those expenditures and is prepared in accordance with the basis of accounting utilized by that fund.

2. Public meetings are conducted at which all interested persons' comments concerning the budget are heard. After such meetings, the Board of Commissioners formally adopts the budget through passage of a motion in a public meeting.

3. The District amends the budget throughout the year approving such additional expenses. The amended budget is used in presenting the Statement of Revenues, Expenditures and Changes in Fund Balance - Budget and Actual.

4. All annual appropriations lapse at fiscal year end.

The General Fund did not have expenditures in excess of appropriations.

CAPITAL ASSETS

The accounting treatment over property, plant, and equipment (capital assets) depends on whether the assets are reported in the government-wide or fund financial statements.

Government-wide Statements

In the government-wide financial statements, fixed assets are accounted for as capital assets. Property, plant and equipment purchased or acquired is carried at historical cost or estimated historical cost. Contributed assets are recorded at the fair market value as of the date received. Additions, improvements and other capital outlays that significantly extend the useful life of an asset are capitalized. Other costs incurred for repairs and maintenance are expensed as incurred.

NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (continued)

Depreciation of all exhaustible capital assets is recorded as an allocated expense in the Statement of Activities, with accumulated depreciation reflected in the Statement of Net Position. Depreciation on all assets is provided on the straight-line basis over the estimated useful lives with no salvage value. The range of estimated useful lives by type of asset is as follows:

Buildings and Structures	40 years
Vehicles	7-20 years
Other Equipment	10-20 years

The District does not own any infrastructure assets.

Fund Financial Statements

In the fund financial statements, capital assets are accounted for as capital outlay expenditures of the governmental fund upon acquisition.

EQUITY CLASSIFICATIONS

Government-wide Statements

Equity is classified as net position and displayed in three components:

a. Net Investment in capital assets – Consists of capital assets including restricted capital assets, net of accumulated depreciation and reduced by the outstanding balances of any bonds, mortgages, notes, or other borrowings that are attributable to the acquisition, construction, or improvement of those assets.

b. Restricted net position – Consists of net position with constraints placed on the use either by (1) external groups such as creditors, grantors, contributors, or laws or regulation of other government; or (2) law through constitutional provisions or enabling legislation.

c. Unrestricted net position – All other net position that does not meet the definition of "restricted" or "net investment in capital assets."

NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (continued)

Fund Statements

Governmental fund equity is classified as fund balance. Fund balance is further classified as non-spendable or spendable with spendable being further classified into restricted, committed, assigned or unassigned.

COMPENSATED ABSENCES

The District had no employees as of year-end.

RISK MANAGEMENT

The District is exposed to various risks of losses related to torts; theft of, damage to, and destruction of assets; errors and omissions; injuries to employees; and natural disasters. The District purchases its insurance from regular commercial companies. As of September 30, 2017, no claims or losses have been incurred that were not covered by insurance. There is no liability due to any claim or suit having ever been filed.

USE OF ESTIMATES

The preparation of financial statements requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities as of the date of the financial statements and the reported amounts of income and expenses during the period. Operating results in the future could vary from the amounts derived from management's estimates.

DEFERRED OUTFLOWS/INFLOWS OF RESOURCES

In addition to assets, the statement of financial position will sometimes report a separate section for deferred outflows of resources. This separate financial statement element, *deferred outflows of resources*, represents a consumption of net position that applies to a future period(s) and so will not be recognized as an outflow of resources (expense/expenditure) until then.

In addition to liabilities, the statement of financial position will sometimes report a separate section for deferred inflows of resources. This separate financial statement element, *deferred inflows of resources*, represents an acquisition of net position that applies to a future period(s) and so will not be recognized as an inflow of resources (revenue) until that time.

RECENTLY ISSUED ACCOUNTING PRONOUNCEMENTS

In June 2017, the GASB issued GASB Statement No. 87, *Leases*, effective for fiscal years beginning after December 15, 2019. The objective of GASB Statement No. 87 is to improve accounting and financial reporting for leases by governments by requiring recognition of certain lease assets and liabilities that previously were classified as operating leases and recognized as inflows of resources or outflows of resources based on the payment provisions of the contract. GASB Statement no. 87 establishes a single model for lease accounting based on the foundational principle that leases are financings of the right to use an underlying asset. Under GASB Statement No. 87, a lessee is required to recognize a lease liability and an intangible right-to-use asset, and a lessor is required to recognize a lease receivable and deferred inflow of resources. Management is evaluating the effects that the full implementation of GASB Statement No. 87 will have on its financial statements for the year ended September 30, 2021.

NOTE 2: CASH

Deposits were with a contracted depository bank, Union State Bank. As of year-end, deposits exceeded FDIC coverage. Therefore, in accordance with the depository contract, Union State Bank has pledged additional collateral. This collateral consisted of U.S. Government Securities, having a market value of $5,569,435 (Category 2). At September 30, 2017, the carrying amount of the District's deposits was $4,186,680, and the bank balance was $4,186,680.

The collateral pledged is represented by specific identifiable investment securities and classified as to credit risk by the three categories described below:

Category 1 - Insured by FDIC or collateralized with securities held by the District or by its agent in its name.
Category 2 - Uninsured but collateralized with securities held by the pledging financial institution's trust department or agent in the District's name.
Category 3 - Uncollateralized.

	Carrying Value	Bank Balance
Category 1	$ 250,000	$ 250,000
Category 2	3,936,680	3,936,680
Category 3	-0-	-0-
	$4,186,680	$ 4,186,680

NOTE 3: PROPERTY TAXES

The District uses the Williamson County Tax Assessor Collector to bill and collect its property tax. The District's property tax is levied each October 1 on the assessed value listed as of the prior January 1 for all real and business personal property located in the District. An enforceable lien is attached to the property as of January 1. The assessed value of the roll as of January 1, 2016, upon which the 2016 levy was based, was $2,530,095,826 as certified by the Williamson County Central Appraisal District.

Taxes are due by January 31 following the October 1 levy date. The total 2016 levy was $2,378,290 and the tax rate was $ .09400 per $100 assessed valuation. Property taxes are considered fully collectible and therefore no allowance for uncollectible taxes is provided.

NOTE 4: COMMITMENTS

The District has entered into an agreement with the City of Georgetown Fire Department to provide fire protection and suppression, fire prevention, hazardous material control, emergency rescue and other assistance to the public as necessary. Payments are made quarterly and totaled $1,679,587 for the year. This contract and the related fee are renegotiated annually.

The District purchased a fire engine and has leased it to the City of Georgetown Fire Department. The lease agreement is the same term as the agreement for fire protection services. The lease payment is $1.00 per year.

NOTE 5: CAPITAL ASSETS

Capital asset activity for the year ended September 30, 2017, was as follows:

	Balance 10/1/2016	Additions/ Completions	Retirements/ Adjustments	Balance 9/30/2017
Governmental Activities:				
Capital assets not being depreciated:				
Land	271,706	-	-	271,706
Construction in Progress	5,528	46,905	-	52,433
Total capital assets not being depreciated	277,234	46,905	-	324,139
Capital assets, being depreciated				
Vehicles	342,528	-	-	342,528
Furniture & Fixtures	-	-		-
Equipment	392	-	-	392
Buildings and Structures	-	-	-	-
Total capital assets being depreciated	342,920	-	-	342,920
Less accumulated depreciation for:				
Vehicles	(205,517)	(34,253)	-	(239,770)
Furniture & Fixtures	-	-	-	-
Equipment	(157)	(78)	-	(235)
Buildings and Structures	-	-	-	-
Total accumulated depreciation	(205,674)	(34,331)	-	(240,005)
Total capital assets, being depreciated, net	137,246	34,331	-	102,915
Governmental activities capital assets, net	414,480	34,331	-	427,054

Current year depreciation expense was $34,331.

In FY September 2017 the District began construction of a new fire station which will eventually be leased to the City of Georgetown. As of year-end no formal lease agreement has been made. The construction is estimated to be completed sometime in FY 2018. The project is estimated to cost $5 to $5.5 million and indebtedness is excepted not to exceed $2 million, the remainder of the cost to come from funds on hand.

NOTE 6: ANNEXATION OF DISTRICT LAND BY THE CITY OF GEORGETOWN

The City of Georgetown has the right to annex property within the District which could in the future result in a reduction of the total value of property within the District and a reduction in the total tax revenue to be collected. For the year ending September 30, 2017, the District has been made aware that the City of Georgetown will be annexing certain portions of the ESD. However, the tax revenue loss is expected to be minimal.

NOTE 7: FUND BALANCE

The District complies with GASB Statement No. 54, *Fund Balance Reporting and Governmental Fund Type Definitions*, which establishes fund balance classifications that comprise a hierarchy based primarily on the extent to which a government is bound to observe constraints imposed upon the use of the resources reported in governmental funds. Those fund balance classifications are described below.

Non-spendable - Amounts that cannot be spent because they are either not in a spendable form or are legally or contractually required to be maintained intact.

Restricted - Amounts that can be spent only for specific purposes because of constraints imposed by external providers, or imposed by constitutional provisions or enabling legislation.

Committed - Amounts that can only be used for specific purpose pursuant to approval by formal action by the Board.

Assigned - For the General Fund, amounts that are appropriated by the Board or Board designee that are to be used for specific purposes. For all other governmental funds, any remaining positive amounts not previously classified as non-spendable, restricted or committed.

Unassigned - Amounts that are available for any purpose; these amounts can be reported only in the District's General Fund.

Fund balance of the District may be committed for a specific purpose by formal action of the Board, the District's highest level of decision-making authority. Commitments may be established, modified, or rescinded only through a resolution approved by the Board. The Board has delegated the authority to assign fund balance for a specific purpose to the District's Chief or Assistant Chief.

NOTE 7: FUND BALANCE (continued)

In circumstances where an expenditure is to be made for a purpose for which amounts are available in multiple fund balance classifications, the order in which resources will be expended is as follows: restricted fund balance, committed fund balance, assigned fund balance, and lastly, unassigned fund balance.

As of September 30, 2017, the District has not adopted a minimum fund balance policy.

Fund Balance:

Nonspendable	
Prepaid Expenses	$ 7,226
Assigned	
Fire Hydrants:	
Chisholm Trail	-0-
Jonah Water SUD	-0-
Capital Projects-Facilities	2,163,546
Contingency Reserve	1,414,415
Total Assigned	$ 3,577,961
Unassigned	569,209
Total Fund Balance:	$ 4,154,396

NOTE 8: ANNEXATION

In August 2017 the District held an election for the approval to annex an adjoining subdivision into the District. Approval passed and taxes from this new subdivision will begin to be collected in FY 2018. The increase in tax revenue cannot be determined as yet.

NOTE 9: EXPLANATION OF DIFFERENCES BETWEEN GOVERNMENTAL FUND AND GOVERNMENT-WIDE STATEMENTS

Differences between the Governmental Fund Balance Sheet and the Statement of Net Position:

The differences (as reflected in the adjustments column) primarily result from the long-term economic resources focus of the statement of net position versus the current financial resources focus of the governmental fund balance sheet.

When capital assets (land, buildings, equipment) that are to be used in governmental activities are purchased or constructed, the costs of those assets are reported as expenditures in governmental funds. However, the statement of net position includes those capital assets among the assets of the District as a whole.

Cost of capital assets	$ 667,059
Accumulated Depreciation	(240,005)
	$ 427,054

Taxes receivable are offset by deferred revenues in the governmental funds and thus are not included in fund balance.

Deferred revenue	$ (33,563)

Differences between the Governmental Fund Operating Statement and the Statement of Net Activities:

The differences (as reflected in the adjustments column) arise primarily from the long-term economic resources focus of the statement of activities versus the current financial resources focus of the governmental funds.

NOTE 9: EXPLANATION OF DIFFERENCES BETWEEN GOVERNMENTAL FUND AND GOVERNMENT-WIDE STATEMENTS (continued)

When capital assets that are to be used in governmental activities are purchased or constructed, the resources expended for those assets are reported as expenditures in governmental funds. However, in the statement of activities the cost of those assets is allocated over their estimated useful lives and reported as depreciation expense.

Capital outlay	$ (46,905)
Depreciation Expense	34,331

Because some property taxes will not be collected for several months after the district's fiscal year ends, they are not considered as "available" revenues in the governmental funds.

Adjustment for property taxes collected after year-end	$ 982

NOTE 10: DATE OF MANAGEMENT'S REVIEW

Management has evaluated subsequent events through the date of the auditor's report, the date the financial statements were available to be issued.

Required Supplemental Information

WILLIAMSON COUNTY EMERGENCY SERVICES DISTRICT NO. EIGHT
GOVERNMENTAL FUND REVENUES, EXPENDITURES, AND
BUDGET TO ACTUAL COMPARISON - GENERAL FUND
FOR THE YEAR ENDING SEPTEMBER 30, 2017

	Budget		Actual Amounts	Favorable/
	Original	Final	Budgetary Basis	(Unfavorable)
GENERAL REVENUES				
Ad Valorem Taxes	$ 2,217,500	$ 2,228,358	$ 2,411,822	183,464
Penalties and Interest	10,500	10,500	9,179	(1,321)
Interest Income	9,000	9,000	10,973	1,973
Grants	-	-	-	-
Miscellaneous			-	-
Total Revenues	$ 2,237,000	$ 2,247,858	$ 2,431,974	184,116
				-
EXPENDITURES/EXPENSES				-
Legal Notices	$ 1,500	$ 1,500	$ 1,402	98
Tax Collector/Appraisal District Fees	19,000	19,000	18,279	721
District Voter Info/Ed	5,000	5,000	-	5,000
Insurance & Bonds	4,100	4,100	4,191	(91)
Membership Dues	1,200	1,200	1,100	100
Fire Hydrant Grant Program	100,000	100,000	50,000	50,000
Professional Services	28,600	28,600	21,767	6,833
Contracted Services	1,701,187	1,701,187	1,701,187	-
Miscellaneous	2,800	2,800	7	2,793
Office Supplies	1,000	1,000	-	1,000
Election Expense	15,000	15,000	9,498	5,502
Training & Travel	6,500	6,500	1,203	5,297
Capital Outlay	500,000	500,000	46,905	453,095
Debt Service:				-
Principal	-	-	-	-
Interest	-	-	-	-
Total expenditures/expenses	$ 2,385,887	$ 2,385,887	$ 1,855,539	530,348
Excess (Deficiency) of revenues over expenditures	$ (148,887)	$ (138,029)	$ 576,435	714,464
Fund Balance Beginning of the year			3,577,961	
End of the year			$ 4,154,396	

See Accompanying Notes to the Financial Statements

Commissioners Court - Regular Session **18.**

Meeting Date: 06/19/2018

ESD7

Submitted By: Rebecca Clemons, County Judge

Department: County Judge

Agenda Category: Consent

Information

Agenda Item

Acknowledge and enter into the official minutes the financial statements for ESD #7.

Background

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

ESD.7

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst. (Originator)	Wendy Coco	06/13/2018 09:42 AM
Form Started By: Rebecca Clemons		Started On: 06/13/2018 08:41 AM
Final Approval Date: 06/13/2018		

Williamson County
Emergency Services District No. 7
Financial Statements
September 30, 2017

Williamson County Emergency Services District No. 7
For the Year Ending September 30, 2017

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Medack & Oltmann, LLP
Certified Public Accountants

PARTNERS
James E. Medack, CPA
Melodi J. Oltmann, CPA

PROFESSIONAL STAFF
Remington O'Dell, CPA

MEMBERS
American Institute of Certified Public Accountants
Texas Society of Certified Public Accountants

INDEPENDENT AUDITOR'S REPORT

To the Board of Directors
Williamson County Emergency Services District No. 7

We have audited the accompanying financial statements of the governmental activities, and each major fund, of Williamson County Emergency Services District No. 7, as of and for the year ended September 30, 2017, and the related notes to the financial statements, which collectively comprise the District's basic financial statements as listed in the table of contents.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express opinions on these financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment including the assessment of the risks of material misstatements of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

Opinions

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the governmental activities, and each major fund, of Williamson County Emergency Services District No. 7, as of September 30, 2017, and the respective changes in financial position thereof for the year then ended in accordance with accounting principles generally accepted in the United States of America.

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PO Box 237, 321 N Main St • Giddings, Texas 78942 • ph 979.542.3713 fax 979.542.0061

Other Matters

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis and the budgetary comparison information on pages 3 through 8 and page 24 be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Medack & Oltmann, LLP

Medack & Oltmann, LLP
Giddings, TX
February 11, 2018

As management of the Williamson County Emergency Services District #7 (the District), we are pleased to offer readers of the District's financial statements this narrative overview and analysis of the District's financial activities for the year ended September 30, 2017. We encourage readers to consider it in conjunction with the additional information presented in the accompanying basic financial statements and the notes to the financial statements.

Financial Statements

- The net position of the District increased by $440,519 primarily the result of a large donation made by a local resident of $350,000. Net position at year end consisted of net investment in capital assets of $518,083 and unrestricted net assets of $314,464, for a total of $832,547.
- Total revenues from all sources were $835,775 which represents a increase of $246,521 from the prior year, which includes the in-kind donation of $350,000.
- Total expenditures from operations were $359,256 which was a decrease of $212,329 from the prior year.
- The District received a donation from a private citizen of land and a building shell valued at $350,000, which will be completed as the new Andice Fire Station.
- As of September 30, 2017, the District's governmental fund reported an ending fund balance of $303,599, an increase of $83,459 from the prior fiscal year.

Using this Annual Report

This annual report presents the following three components of the financial statements:

1. Government-wide financial statements provide information for the District as a whole.
2. Fund financial statements provide detailed information for the District's significant funds.
3. Notes to the financial statements provide additional information that is essential to understanding the government-wide and fund financial statements.

This report also contains other supplementary information in addition to the basic financial statements themselves. This information includes a management's discussion and analysis as well as a budgetary comparison schedule.

Government-Wide Financial Statements

The *government-wide financial statements* are designed to provide readers with a broad overview of the District's finances, in a manner similar to a private-sector business.

The *Statement of Net Position* presents information on all of the assets and liabilities of the District. The difference between assets and liabilities is reported as net position. Over time, increases or decreases in net position may service as a useful indicator of whether the financial position of the District is improving or deteriorating.

The *Statement of Activities* presents information on how the District's net position changed during the most recent fiscal year. This statement is presented using the accrual basis of accounting, which means that all of the current year revenues and expenses are taken into account regardless of when the cash is received or paid.

Both the Statement of Net Position and the Statement of Activities present information for the following:

- Government activities – This includes all of the District's emergency protection services which are primarily supported by property taxes.

The government-wide financial statements begin on page 9. The following is a summary of net position as of September 30, 2017, and September 30, 2016.

Table 1
Net Position

	Governmental Activities	
	2017	2016
Assets:		
Current & Other Assets	$ 317,345	$ 235,862
Capital Assets,Net	629,842	296,960
Total Assets	$ 947,187	$ 532,822
Deferred Outflows of Resources		-
Liabilities:		
Current Liabilities	$ 29,322	$ 29,065
Long term liabilities	85,318	111,759
Total Liabilities	$ 114,640	$ 140,824
Deferred Inflows of Resources	$	-
Net Position:		
Net Investment in Capital Assets	$ 518,083	$ 159,731
Unrestricted	314,464	232,297
Total Net Position	$ 832,547	$ 392,028

The following table is a summary of changes in net position for the year ended September 30, 2017 and 2016.

Table 2
Changes in Net Position

	Governemental Activities	
	2017	2016
Revenues		
Operating Grants & Contributions	$ 27,976	$ 162,617
Property Taxes	364,649	345,146
Penalty/Interest	3,911	3,694
Sales Tax	88,363	76,567
Interest	719	854
Miscellaneous	157	376
InKind Donation	350,000	
Total Revenues	$ 835,775	$ 589,254
Expenses:		
General Government	$ 395,256	$ 607,585
Total Expense	$ 395,256	$ 607,585
Change in Net Postion	$ 440,519	$ (18,331)
Net Position-Beginning of Year	392,028	410,359
Net Position-End of Year	$ 832,547	$ 392,028

Fund Financial Statements

A fund is a grouping of related accounts that is used to maintain control over resources that have been segregated for specific activities or objectives. The District, like other state and local governments, uses fund accounting to ensure and demonstrate compliance with finance-related legal requirements.

The fund financial statements provide detailed information about the District's significant funds – not the District as a whole. The District's funds fall into one category – governmental funds.

The focus of the District's *governmental fund* is to provide information on near-term inflows, outflows, and balances of spendable resources. Such information is useful in assessing the District's financing requirements. In particular, *unassigned fund balance* may serve as a useful measure of a government's net resources available for spending at the end of the fiscal year.

The *governmental funds statements* provide a detailed short-term view of the government operations and the basic services it provided, and are reported on the modified accrual basis of accounting which focuses on available spendable resources. This allows the reader to evaluate the District's short-term financing requirements. Both the governmental fund *Balance Sheet* and the governmental fund *Statement of Revenues, Expenditures, and Changes in Fund Balances* provide a reconciliation to the government-wide financial statements.

The District adopts an annual budget for the general fund. A budgetary comparison statement has been provided to demonstrate compliance. The governmental fund financial statements begin on page 9, and the budgetary comparison schedule is on page 23.

Notes to the Financial Statements

The notes provide additional information that is essential to a full understanding of the data provided in the government-wide and fund financial statements. The notes to the financial statements can be found on pages 11 through 22 of this report.

General Fund Budgetary Highlights

The budgeted revenues were $22,304 less than actual revenues and budgeted expenses were $61,155 more than actual expenses for the year ended September 30, 2017.
Actual results for expenditures were 13.1% less than budgeted expenditures, while the District's overall actual revenue were 4.8% more than budgeted.

Capital Assets

The District's investment in capital assets for its governmental activities as of September 30, 2017, amounts to $518,083 (net of accumulated depreciation). This investment in capital assets includes vehicles, machinery and equipment.

Capital Assets
Governmental Activities
(net of depreciation)

	Balance 09/30/2017	Balance 9/30/2016
Land	77,482	-
Construction in Progress	284,336	-
Vehicles	581,183	581,183
Furniture & Fixtures	-	-
Equipment	225,721	224,400
Buildings and Structures	-	-
Accumulated Depreciation	(538,880)	(508,593)
Governmental activities capital assets, net	629,842	296,990

Additional information on the District's capital assets can be found in Note 4 of this report.

Debt Administration

As of September 30, 2017, and September 30, 2016, the District was obligated on the following debt:

Outstanding Debt at Year End

	9/30/2017	9/30/2016
Capital Lease-Government Capital Corp	$ 111,758	$ 137,258
Total	$ 111,758	$ 137,258

The District incurred $ 5,062 in interest expense as of September 30, 2017.

Additional information on the District's non-current liabilities can be found in Note 5 of this report.

Economic Factors and Next Year's Budgets and Rates

The District's tax revenues are expected to remain consistent for the coming tax year levy. These funds will be used for funding of the volunteer fire department as needed.

In 2015, Williamson County Emergency Services District #7 received a verbal land gift commitment and cash donations for the purpose of building a new fire station in Andice. In the fiscal year 2015/2016 the District returned the $200,000 of private donation. The Board returned this donation as its felt it could not fully fund the fire station project plan presented by the building committee. The District has since been offered a donation of a newly constructed building and 2 acres of land in a new location in the Andice community which the District has accepted. The property is in the process of being surveyed and a new building committee has been formed. The District received in the current year the donated building (shell) and expects to complete the remaining part (finish out) in the 2017/2018 fiscal year.

The ESD#7 Commissioners look forward to the challenge of building a new station to better serve the tax payers of Williamson County.

The District has also been offered, by donation, a building/fire station and land located at 301 S Patterson by the City of Florence. The transaction of transferring this is expected to be completed in the current fiscal year.

Contacting the District's Financial Management

This financial report is designed to provide a general overview of the District's finances and to demonstrate the District's accountability for the money it receives from the citizens of the Williamson County Emergency Services District #7. If you have any questions about this report or need further information, contact the Williamson County Emergency Services District #7, P.O. Box 523, Florence, TX 76527, or call 254-793-2591.

WILLIAMSON COUNTY EMERGENCY SERVICES DISTRICT NO. 7
GOVERNMENTAL FUND BALANCE SHEET AND
STATEMENT OF NET POSITION
SEPTEMBER 30, 2017

	General Fund	Adjustments (Note 9)	Statement of Net Position
ASSETS			
Cash	$ 234,611	$ -	$ 234,611
Property Taxes Receivable	13,746	-	13,746
Accounts Receivable	13,988	-	13,988
Other Asset	55,000	-	55,000
Capital Assets (net of accumulated depreciation)	-	629,842	629,842
TOTAL ASSETS	$ 317,345	$ 629,842	$ 947,187
DEFERRED OUTFLOWS OF RESOURCES		$ -	$ -
LIABILITIES			
Accounts Payable	$ -	$ -	$ -
Accrued Interest Payable	-	2,881	2,881
Deferred Revenues	-	-	-
Long Term Liabilities - Due within one year	-	26,441	26,441
Long Term Liabilities - Due after one year	-	85,318	85,318
TOTAL LIABILITIES	$ -	$ 114,640	$ 114,640
DEFERRED INFLOWS OF RESOURCES			
Property Taxes	$ 13,746	$ (13,746)	$ -
FUND BALANCES/NET POSITION			
Fund balances:			
Non-Spendable	-		
Committed	-		
Assigned	-		
Unassigned	303,599		
Total fund balances	303,599		
Total liabilities and fund balances	$ 317,345	$	
Net Position:			
Net investment in capital assets		518,083	518,083
Unrestricted		314,464	314,464
Restricted		-	-
Total net position		$ 832,547	$ 832,547

See Accompanying Notes to the Financial Statements

WILLIAMSON COUNTY EMERGENCY SERVICES DISTRICT NO. 7
GOVERNMENTAL FUND REVENUES, EXPENDITURES, AND
CHANGES IN FUND BALANCES AND STATEMENT OF ACTIVITIES
FOR THE YEAR ENDING SEPTEMBER 30, 2017

	General Fund	Adjustments (Note 9)	Statement of Activities
EXPENDITURES/EXPENSES			
VFD Contract	324,545	-	324,545
Dues & Subscriptions	650	-	650
Publications	72	-	72
Supplies	-	-	-
Professional Fees	8,858	-	8,858
Office Expenses/Postage	84	-	84
Insurance	13,431	-	13,431
Appraisal District & Tax Collector Fees	2,440	-	2,440
Miscellaneous	(306)	-	(306)
Training	5,000	-	5,000
Capital Outlay	18,929	(18,929)	-
Depreciation	-	36,077	36,077
Debt Service:			-
Principal	25,500	(25,500)	-
Interest	5,062	(657)	4,405
Total expenditures/expenses	$ 404,265	$ (9,009)	$ 395,256
PROGRAM REVENUES			
Grants/Contributions	27,976	-	27,976
Net program expense			367,280
GENERAL REVENUES			
Ad valorem taxes	366,598	(1,949)	364,649
Penalties and Interest	3,911	-	3,911
Sales Tax	88,363	-	88,363
Interest income	719	-	719
Miscellaneous	157	-	157
Inkind Contribution	-	350,000	350,000
Total general revenues	$ 459,748	$ 348,051	$ 807,799
Excess (Deficiency) of revenues over expenditures	$ 83,459	$ (83,459)	$ -
Change in Net Position	-	$ 440,519	$ 440,519
Fund Balance/Net Position Beginning of the year	220,140	171,888	392,028
End of the year	$ 303,599	$ 528,948	$ 832,547

See Accompanying Notes to the Financial Statements

NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

The financial statements for the District have been prepared in accordance with generally accepted accounting principles (GAAP) as applied to governmental units. The Governmental Accounting Standards Board (GASB) is the standard-setting body for governmental accounting and financial reporting. The GASB periodically updates its codification of the existing Governmental Accounting and Financial Reporting Standards which, along with subsequent GASB pronouncements (Statements and Interpretations), constitutes GAAP for governmental units. More significant of these accounting policies are described below.

REPORTING ENTITY

The Williamson County Emergency Services District No. 7 (the District) was created by Article III, Section 48-e of the Constitution of Texas as proposed by SJR, No. 27, Acts of the 70th Legislature, Regular Session 1987, and adopted by the voters at an election held on February 15, 2005, to protect life and property from fire and to conserve natural and human resources. The District's governing body consist of a Board of Commissioners appointed by the Williamson County Commissioners Court.

In evaluating how to define the government, for financial reporting purposes, management has considered all potential component units. The decision to include a potential component unit in the reporting entity was made by applying the criteria set forth in GAAP. The basic - but not the only - criterion for including a potential component unit with the reporting entity is the governing body's ability to exercise oversight responsibility. The most significant manifestation of this ability is financial interdependency. Other manifestations of the ability to exercise oversight responsibility include, but are not limited to, the selection of governing authority, the designation of management, the ability to significantly influence operations, and accountability for fiscal matters. A second criterion used in evaluating potential component units is the scope of public service. Application of this criterion involves considering whether the activity benefits the government and/or its citizens, or whether the activity is conducted within the geographic boundaries of the government and is generally available to its citizens. A third criterion used to evaluate potential component units for inclusion or exclusion from the reporting entity is the existence of special financing relationships, regardless of whether the government is able to exercise oversight responsibilities. Based upon the application of these criteria, no potential component units appear to exist.

NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (continued)

BASIS OF PRESENTATION

Basic Financial Statements

GASB sets forth minimum criteria for the determination of major funds based on a percentage of the assets, liabilities, revenues or expenditures/expenses or either fund category or governmental and enterprise combined. Due to the fund structure of the District, all funds have been classified as major funds. As a part of this Statement, there is a reporting requirement regarding the local government's infrastructure (road, bridges, etc.) The District does not own any infrastructure assets and therefore is unaffected by this requirement.

The basic financial statements include both government-wide (based on the District as a whole) and fund financial statements. The reporting model focus is on either the District as a whole or major individual funds (within the fund financial statements). In the government-wide Statement of Net Position, both the governmental and business-type activities columns are presented on a consolidated basis by column, and are reflected on a full accrual, economic resources basis, which incorporates long-term assets and receivables as well as long-term debt and obligations. The District does not have any business-type activities.

The government-wide Statement of Activities reflects both the gross and net cost per functional category which are otherwise being supported by general government revenues. The Statement of Activities reduces gross expenses (including depreciation) by related program revenues, operating and capital grants. The program revenues must be directly associated with the function. However, the District does not have any program revenues for this fiscal period.

The net cost by function is normally covered by general revenues (intergovernmental revenues, interest income, etc). The District does not currently employ indirect cost allocation systems.

The government-wide focus is more on the sustainability of the District as an entity and the change in aggregate financial position resulting from the activities of the fiscal period. The governmental fund statements are presented on a current financial resource and modified accrual basis of accounting. This presentation is deemed appropriate to (a) demonstrate legal compliance, (b) demonstrate the source and use of liquid resources, and (c) demonstrate how the District's actual experience conforms to the budget or fiscal plan.

GASB provides that for governments engaged in a single governmental program, the fund financial statements and the government-wide statements may be combined. The District presents the general fund in the first column. The next column is an adjustments column. It reconciles the amounts reported in the governmental funds to show how each would change

NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (continued)

when reported on the full-accrual basis of accounting. The last column of these combination statements shows the amounts that normally would appear in the government-wide statements.

Expenses are reported by category, rather than by function since the District has only one function – providing emergency services to the residents of the District.

BASIS OF ACCOUNTING

Basis of accounting refers to the point at which revenues or expenditures/expenses are recognized in the accounts and reported in the financial statements. It relates to the timing of the measurements made, regardless of the measurement focus applied.

The government-wide financial statements are presented on an accrual basis of accounting. Under the accrual basis of accounting, revenues are recognized when earned and expenses are recorded when the liability is incurred or economic asset used. Revenues, expenses, gains, losses, assets, and liabilities resulting from exchange and exchange-like transactions are recognized when the exchange takes place.

Governmental fund financial statements are reported using the current financial resources measurement focus and are accounted for using the modified accrual basis of accounting. Under the modified accrual basis of accounting, revenues are recognized when susceptible to accrual; i.e., when they become both measurable and available. "Measurable" means the amount of the transaction can be determined and "available" means collectible within the current period or soon enough thereafter to be used to pay liabilities of the current period. The District considers all revenues as available if they are collected within 60 days after year-end. Expenditures are recorded when the related fund liability is incurred.

In applying the "susceptible to accrual" concept to intergovernmental revenues, the provider should recognize liabilities and expenses and the recipient should recognize receivables and revenues when the applicable eligibility requirements including time requirements, are met. Resources transmitted before the eligibility requirements are met, under most circumstances, should be reported as advances by the provider and deferred revenue by the recipient.

NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (continued)

BUDGETS

The District follows these procedures in establishing the budget reflected in the financial statements:

1. Prior to the beginning of each fiscal year, the District prepares a budget. The operating budget includes proposed expenditures and the means of financing those expenditures and is prepared in accordance with the basis of accounting utilized by that fund.

2. Public meetings are conducted at which all interested persons' comments concerning the budget are heard. After such meetings, the Board of Commissioners formally adopts the budget through passage of a motion in a public meeting.

3. The District amends the budget throughout the year approving such additional expenses. The original and final amended budgets are used in presenting the Statement of Revenues, Expenditures and Changes in Fund Balance - Budget and Actual.

4. All annual appropriations lapse at fiscal year end.

The General Fund did not have expenditures in excess of appropriations.

CAPITAL ASSETS

The accounting treatment over property, plant, and equipment (capital assets) depends on whether the assets are reported in the government-wide or fund financial statements.

Government-wide Statements

In the government-wide financial statements, fixed assets are accounted for as capital assets. Property, plant and equipment purchased or acquired is carried at historical cost or estimated historical cost. Contributed assets are recorded at the fair market value as of the date received. Additions, improvements and other capital outlays that significantly extend the useful life of an asset are capitalized. Other costs incurred for repairs and maintenance are expensed as incurred.

NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (continued)

Depreciation of all exhaustible capital assets is recorded as an allocated expense in the Statement of Activities, with accumulated depreciation reflected in the Statement of Net Position. Depreciation on all assets is provided on the straight-line basis over the estimated useful lives with no salvage value. The range of estimated useful lives by type of asset is as follows:

Vehicles	5-10 years
Other Equipment	5-20 years

The District does not own any infrastructure assets.

EQUITY CLASSIFICATIONS

Government-wide Statements

Equity is classified as net position and displayed in three components:

a. Net Investment in capital assets– Consists of capital assets including restricted capital assets, net of accumulated depreciation and reduced by the outstanding balances of any bonds, mortgages, notes, or other borrowings that are attributable to the acquisition, construction, or improvement of those assets.

b. Restricted net position – Consists of net position with constraints placed on the use either by (1) external groups such as creditors, grantors, contributors, or laws or regulation of other government; or (2) law through constitutional provisions or enabling legislation.

c. Unrestricted net position – All other net position that do not meet the definition of "restricted" or "net investment in capital assets."

Fund Financial Statements

Governmental fund equity is classified as fund balance. Fund balance is further classified as non-spendable or spendable with spendable being further classified into restricted, committed, assigned or unassigned.

RISK MANAGEMENT

The District is exposed to various risks of losses related to torts; theft of, damage to, and destruction of assets; errors and omissions; injuries to employees; and natural disasters.

NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (continued)

The District purchases its insurance from regular commercial companies. As of September 30, 2017, no claims or losses have been incurred that were not covered by insurance. There is no liability due to any claim or suit having ever been filed.

USE OF ESTIMATES

The preparation of financial statements requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities as of the date of the financial statements and the reported amounts of income and expenses during the period. Operating results in the future could vary from the amounts derived from management's estimates.

DEFERRED OUTFLOWS/INFLOWS OF RESOURCES

In addition to assets, the statement of financial position will sometimes report a separate section for deferred outflows of resources. This separate financial statement element, *deferred outflows of resources*, represents a consumption of net position that applies to a future period(s) and so will not be recognized as an outflow of resources (expense/expenditure) until then.

In addition to liabilities, the statement of financial position will sometimes report a separate section for deferred inflows of resources. This separate financial statement element, *deferred inflows of resources,* represents an acquisition of net position that applies to a future period(s) and so will not be recognized as an inflow of resources (revenue) until that time.

RECENTLY ISSUED ACCOUNTING PRONOUNCEMENTS

In June 2017, the GASB issued GASB Statement No. 87, *Leases*, effective for fiscal years beginning after December 15, 2019. The objective of GASB Statement No. 87 is to improve accounting and financial reporting for leases by governments by requiring recognition of certain lease assets and liabilities that previously were classified as operating leases and recognized as inflows of resources or outflows of resources based on the payment provisions of the contract.

GASB Statement No. 87 establishes a single model for lease accounting based on the foundational principle that leases are financings of the right to use an underlying asset. Under GASB Statement No. 87, a lessee is required to recognize a lease liability and an intangible right-to-use asset, and a lessor is required to recognize a lease receivable and deferred inflow of resources. Management is evaluating the effects that the full implementation of GASB Statement No. 87 will have on its financial statements for the year ended June 30, 2021.

NOTE 2: PROPERTY TAXES

The District property tax is levied each October 1 on the assessed value listed as of the previous January 1 for all real property located in the District. The District's property tax is levied each October 1 on the assessed value listed as of the prior January 1 for all real and business personal property located in the District. An enforceable lien is attached to the property as of January 1. The assessed value of the roll as of January 1, 2016, upon which the 2016 levy was based, was $379,350,871 as certified by the Williamson County Central Appraisal District.

Taxes are due by January 31 following the October 1 levy date. The total 2016 levy was $365,694 and the tax rate was $ 0.10 per $100 assessed valuation. Property taxes are considered fully collectible and therefore no allowance for uncollectible taxes is provided.

NOTE 3: DEPOSITS, SECURITIES AND INVESTMENTS

Deposits were with a contracted depository bank, Union State Bank. As of year-end, deposits exceed FDIC coverage by $39,611. However; securities were pledged to cover this excess (Category 2) with a market value of $664,530. At September 30, 2017, the carrying amount of the District's deposits was $234,611 and the bank balance was $ 289,611.

The collateral pledged is represented by specific identifiable investment securities and classified as to credit risk by the three categories described below:

Category 1 - Insured by FDIC or collateralized with securities held by the District or by its agent in its name.
Category 2 - Uninsured but collateralized with securities held by the pledging financial institution's trust department or agent in the District's name.
Category 3 - Uncollateralized.

NOTE 4: CAPITAL ASSETS

Capital asset activity for the year ended September 30, 2017, was as follows:

	Balance 10/1/2016	Additions/ Completions	Retirements/ Adjustments	Balance 9/30/2017
Governmental Activities:				
Capital assets not being depreciated:				
Land	-	77,482	-	77,482
Construction in Progress	-	284,336	-	284,336
Total capital assets not being depreciated	-	361,818	-	361,818
Capital assets, being depreciated:				
Vehicles	581,183	-	-	581,183
Equipment	224,400	7,111	(5,790)	225,721
Total capital assets being depreciated	805,583	7,111	(5,790)	806,904
Total capital assets	805,583	368,929	(5,790)	1,168,722
Less accumulated depreciation:	(508,593)	(36,077)	5,790	(538,880)
Total capital assets, net of depreciation	296,990	(28,966)	-	268,024
Governmental activities capital assets, net	296,990	(28,966)	-	629,842

Current year depreciation expense was $36,077.

The District received donation of land and building shell from a citizen of the District. It was capitalized at its fair market value of $350,000. The building is included in Construction In Progress, as it is the District's obligation to complete the building. The District anticipates completion in fiscal year 2018 at a cost of $750,000, which will be partial funded with new debt.

In prior years, the District entered into capital leases for a truck (see Note 5). At September 30, 2017, the gross amount of the asset was $313,350 and accumulated amortization was $169,731. Amortization expense is included in depreciation expense.

The District leases a building from the City of Florence for $1 per year for a term of 99 years to house the operations of the Florence Volunteer Fire Department. The value of the building is approximately $300,000. Because there is no alternative use for the facility, no contribution revenue has been recorded for the year ended September 30, 2017.

NOTE 5: LIABILITIES

Transactions for the year ended September 30, 2017, are summarized as follows:

	Balance 9/30/2016	Additions	Payments	Balance 09/30/2017	Due within one year
Capital Lease-Government Capital Corp	137,259	-	25,500	111,759	26,441

Payee and Terms	Per Annum Interest Rate	Principal Balance at September 30, 2017
Capital lease obligation for a 2007 Pierce Fire Truck dated May 2006,(refinanced January 2012), payable in annual installments of $30,563, with final payment due February 2021.	3.688%	111,759
Less current portion		(26,441)
Total Long-Term Debt		85,318

Annual Payments required to amortize lease obligation outstanding as of September 30, 2017, including interest payments, are as follows:

Year ending	Principal	Interest	Total
2018	26,441	4,122	30,563
2019	27,416	3,147	30,563
2020	28,427	2,135	30,562
2021	29,475	1,087	30,562
	$ 111,759	$10,491	$ 122,250

NOTE 6: COMMITMENTS

Effective July 25, 2006, the District entered into an agreement with the Florence Volunteer Fire Department (the Department) under which the District will provide funding and equipment to the Department. The Department agreed to provide emergency services to all persons and property within the Emergency Services District, including response to life-threatening emergencies and rescue calls making available adequate staff and administrative assistance.

Amounts to be paid to the Volunteer Fire Department shall be distributed at the discretion of the Commissioners and may include expenses for operations and other expenditures approved by the District for maintaining emergency services within the District. In addition, the District provides equipment that it owns for the Volunteer Fire Department's use. Total payments made to the VFD for the year were $324,545.

NOTE 7: DATE OF MANAGEMENT'S REVIEW

Management has evaluated subsequent events through the date the financial statements were available to be issued.

NOTE 8: FUND BALANCE CLASSIFICATION

The District complies with GASB Statement No. 54, *Fund Balance Reporting and Governmental Fund Type Definitions*, which establishes fund balance classifications that comprise a hierarchy based primarily on the extent to which a government is bound to observe constraints imposed upon the use of the resources reported in governmental funds. Those fund balance classifications are described below.

Non-spendable - Amounts that cannot be spent because they are either not in a spendable form or are legally or contractually required to be maintained intact.

Restricted - Amounts that can be spent only for specific purposes because of constraints imposed by external providers, or imposed by constitutional provisions or enabling legislation.

Committed - Amounts that can only be used for a specific purpose pursuant to approval by formal action by the Board.

Assigned - For the General Fund, amounts that are appropriated by the Board or Board designee that are to be used for specific purposes. For all other governmental funds, any remaining positive amounts not previously classified as non-spendable, restricted or committed.

NOTE 8: FUND BALANCE CLASSIFICATION (continued)

Unassigned - Amounts that are available for any purpose; these amounts can be reported only in the District's General Fund.

The detail of the fund balance is included in the Governmental Fund Balance Sheet on page 9.

Fund balance of the District may be committed for a specific purpose by formal action of the Board, the District's highest level of decision-making authority. Commitments may be established, modified, or rescinded only through a resolution approved by the Board. The Board has delegated the authority to assign fund balance for a specific purpose to the District's Chief or Assistant Chief.

In circumstances where an expenditure is to be made for a purpose for which amounts are available in multiple fund balance classifications, the order in which resources will be expended is as follows: restricted fund balance, committed fund balance, assigned fund balance, and lastly, unassigned fund balance.

As of September 30, 2017, the District has not adopted a minimum fund balance policy.

NOTE 9: EXPLANATION OF DIFFERENCES BETWEEN GOVERNMENTAL FUND AND GOVERNMENT-WIDE STATEMENTS

Differences between the Governmental Fund Balance Sheet and the Statement of Net Position:

The differences (as reflected in the adjustments column) primarily result from the long-term economic resources focus of the statement of net position versus the current financial resources focus of the governmental fund balance sheet.

When capital assets (land, buildings, equipment) that are to be used in governmental activities are purchased or constructed, the costs of those assets are reported as expenditures in governmental funds. However, the statement of net position includes those capital assets among the assets of the District as a whole.

Cost of capital assets	$ 1,168,722
Accumulated Depreciation	(538,880)
	$ 629,842

Interest on long-term debt is not accrued in governmental funds, but rather is recognized as an expenditure when due.

Accrued interest payable	$ 2,881

NOTE 9: EXPLANATION OF DIFFERENCES BETWEEN GOVERNMENTAL FUND AND GOVERNMENT-WIDE STATEMENTS (continued)

Taxes receivable are offset by deferred revenues in the governmental funds and thus are not included in fund balance.

Deferred revenue	$ (13,746)

Long-term liabilities applicable to the district's governmental activities are not due and payable in the current period and accordingly are not reported as fund liabilities. All liabilities – both current and long-term—are reported in the statement of net assets.

Due within one year	$ 26,411
Due after one year	85,318

Differences between the Governmental Fund Operating Statement and the Statement of Net Activities:

The differences (as reflected in the adjustments column) arise primarily from the long-term economic resources focus of the statement of activities versus the current financial resources focus of the governmental funds.

When capital assets that are to be used in governmental activities are purchased or constructed, the resources expended for those assets are reported as expenditures in governmental funds. However, in the statement of activities the cost of those assets is allocated over their estimated useful lives and reported as depreciation expense.

Capital Outlay	$ (18,929)
Depreciation Expense	36,077

Repayment of capital lease obligations is reported as an expenditure in governmental funds. For the district as a whole, however, the principal payments reduce the liabilities in the statement of net assets and do not result in an expense in the statement of activities.

Payment of Principal	$ (25,500)

Interest expense in the statement of activities differs from the amount reported in governmental funds because additional accrued interest was calculated for capital lease obligations.

Change in accrued interest payable	(657)

Because some property taxes will not be collected for several months after the district's year end, they are not considered as "available" revenues in the governmental funds.

Adjustment for property taxes collected after year-end	$ (1,949)

NOTE 9: EXPLANATION OF DIFFERENCES BETWEEN GOVERNMENTAL FUND AND GOVERNMENT-WIDE STATEMENTS (continued)

Donated assets are not reported in the governmental funds, but revenues are reported in the statement of activities as the acquisition value of an asset with equivalent service potential.

$ 350,000

NOTE 10: LINE OF CREDIT

The District has obtained a line of credit with Union State Bank of Florence, Texas. The total credit line was for $50,000. The District had not drawn any amounts as of September 30, 2017.

Note 11: SUBSQUENT EVENT

The District entered into an agreement with Williamson County to house EMS ambulance and personnel in the new fire station at Andice. Under the terms of the agreement the County will pay the District $300,000 to be used towards the construction cost of the station.

Required Supplemental Information

WILLIAMSON COUNTY EMERGENCY SERVICES DISTRICT NO. 7
GOVERNMENTAL FUND REVENUES, EXPENDITURES, AND
BUDGET TO ACTUAL COMPARISON - GENERAL FUND
FOR THE YEAR ENDING SEPTEMBER 30, 2017

	Budget		Actual Amounts	Variance Favorable/
	Original	Final	Budgetary Basis	(Unfavorable)
GENERAL REVENUES				
Ad Valorem Taxes	$ 361,982	$ 361,982	$ 366,598	4,616
Penalty & Interest	3,000	3,000	3,911	911
Sales Tax	72,000	72,000	88,363	16,363
Interest Income	500	500	719	219
Grants/Contributions	27,800	27,800	27,976	176
Donations	-	-	-	-
Miscellaneous	138	138	157	19
Total General Revenues	$ 465,420	$ 465,420	$ 487,724	22,304
EXPENDITURES/EXPENSES				
VFD Contract	$ 314,545	$ 314,545	$ 324,545	(10,000)
Dues & Subscriptions	900	900	650	250
Professional Fees	21,900	21,900	8,858	13,042
Insurance	13,300	13,300	13,431	(131)
Communications	7,200	7,200	-	7,200
Appraisal District & Tax Collector Fees	2,500	2,500	2,440	60
Miscellaneous	-	-	(306)	306
Repair	8,000	8,000	-	8,000
Donation Refund	-	-	-	-
Travel & Training	1,000	1,000	5,000	(4,000)
Publications	900	900	72	828
Office Expense/Postage	175	175	84	91
Capital Outlay	10,000	10,000	18,929	(8,929)
Debt Service:		-		-
. Principal	85,000	85,000	25,500	59,500
Interest	-	-	5,062	(5,062)
Total expenditures/expenses	$ 465,420	$ 465,420	$ 404,265	61,155
			-	
Excess (Deficiency) of revenues over expenditure	-	-	83,459	83,459
OTHER FINANCING SOURCES/(USES):				
Financing Proceeds	-	-	-	-
Total Other Financing Sources/(Uses):	-	-	-	-
Fund Balance Beginning of the year			220,140	
End of the year			$ 303,599	

See Accompanying Notes to the Financial Statements

Commissioners Court - Regular Session **19.**

Meeting Date: 06/19/2018

application.CClaw1

Submitted By: Rebecca Clemons, County Judge

Department: County Judge

Agenda Category: Consent

Information

Agenda Item

Approve and enter into the official minutes the application to employ personnel for County Court at Law #1.

Background

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

CCLAW.employ

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst. (Originator)	Wendy Coco	06/11/2018 03:30 PM
Form Started By: Rebecca Clemons		Started On: 06/11/2018 03:07 PM
Final Approval Date: 06/11/2018		

APPLICATION TO COMMISSIONERS COURT TO EMPLOY PERSONNEL

To the Honorable Commissioners Court of Williamson County:

I BRANDY HALLFORD, JUDGE, COUNTY COURT AT LAW NO. ONE **of Williamson County, Texas, hereby make application to employ the following personnel:**

Proposed Effective Date	Position	Proposed Salary
June 4, 2018	Office Specialist	43.717.61
June 4, 2018	Court Report	101.778.56
June 4, 2018	Court Administrator	72.448.22

Date: 6/6/2018

Brandy Hallford

Williamson County, Texas

Revised 10/16

Commissioners Court - Regular Session **20.**

Meeting Date: 06/19/2018

Rock Clause Agreement

Submitted By: Jayme Jasso, Purchasing

Department: Purchasing

Agenda Category: Consent

Information

Agenda Item

Discuss, consider and take appropriate action on approving the addition of a Rock Clause to the service agreement approved by Commissioner's Court on June 5, 2018 for an animal shelter canopy to support the operations of WCRAS and authorizing execution of the clause.

Background

The original agreement is funded through 01.0546.0546.0004509.

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

Rock Clause agreement

Form Review

Inbox	Reviewed By	Date
Purchasing (Originator)	Randy Barker	06/14/2018 11:46 AM
County Judge Exec Asst.	Wendy Coco	06/14/2018 12:01 PM
Form Started By: Jayme Jasso		Started On: 06/13/2018 09:04 AM
Final Approval Date: 06/14/2018		

BUYBOARD QUOTE

103 Red Bird Lane
Austin, Texas
78745-3122

TO: Williamson Co. Regional Animal Shelter
Attn: Cheryl Schneider
Address: 1855 SE Inner Loop, Georgetown, TX 78626
Install Site:
Phone: 512-943-3597
Email: cschneider@wilco.org

CONTRACT #512-16

FOR PURCHASE THRU BUYBOARD. PLEASE FAX YOUR PURCHASE ORDER AND SIGNED QUOTE TO BUYBOARD AND T.F. HARPER & ASSOCIATES LP TO INSURE COMPLIANCE & RECEIPT OF YOUR ORDER.

QUOTE#: 052318-06tb
DATE: May 23, 2018

4 Post Residential Grade Shade Structure

QTY	DESCRIPTION OF EQUIPMENT		UNIT PRICE TOTAL COST
1	Modern Shade 4 Post HIP Shade Canopy, 22' X 23' X 7' Eave Height, Residential Grade, In-Ground		$3,719.00
	Less Buyboard Discount		($298.00)
1	Freight on Above Equipment		$287.00
1	Installation of Above Equipment		$2,663.00
	Residential grade shade structures are designed for 60 mph winds at 3 second gusts; membranes		
	(tops) must be removed if weather conditions are expected to exceed design limits.		
	Permits & Sealed Engineered Drawings are not available for residential grade shade structures.		
		Sales Tax	Exempt
	TOTAL		**$6,371.00**

QUOTE IS VALID FOR 30 DAYS FROM DATE OF QUOTE OR FROM DATE OF REVISION
PRICING IS BASED ON REMOVING / REPLACING A FENCE SECTION FOR TRUCK / BOBCAT ACCESS.
PERMITTING & SEALED ENGINEERED DRAWINGS ARE NOT AVAILABLE FOR RESIDENTIAL GRADE SHADE STRUCTURES.
IF ROCK IS ENCOUNTERED WHEN DRILLING, THERE MAY BE AN ADDITIONAL CHARGE.

NOT INCLUDED: Sales Tax, Permits/Bonds/Fees (if required), Site Work in Excess of Normal Installation (example: site prep - excavation/infill, concrete slab, french drains, excess rock removal, landscaping), Sealed Engineered Drawings.

Any installation charges quoted are based upon a soil work site (not rocky) that is freely accessible by truck, no fencing, tree/landscaping or utility obstacles, etc.), and level (+/- 1-2% max slope). Any site work not expressly described is excluded. All underground utilities must be located and clearly marked before any work can begin. Installation of all products (equipment, borders, ground cover, amenities) are as quoted and approved by acceptance of quote/drawings. The installer is not responsible for any damages or re-work resulting from after-hours events or activities during the work in progress period. The customer is responsible for maintaining the integrity of completed installation work until components have seated and/or cured (concrete footings, etc.).

Payment Terms: 50% due ($3,185.50) with signed quote; Balance due upon completion of work and receipt of invoice
Estimated Delivery & Installation: 10 weeks after receipt of signed quote & color selection.

PLEASE SIGN & RETURN ATTACHED ROCK/UNDERGROUND UTILITY CLAUSE WITH YOUR SIGNED QUOTE.

Accepted by: _____

Date: _____ **P.O. # (if applicable):** _____

Thank you for giving us the opportunity to quote this equipment.
Jessica Carter, Sales Consultant

Commercial Play and Recreational Equipment
www.tfharper.com - - 800.976-0107 - - local: 512.440.0707 - - fax: 512.440.0736

ROCK CLAUSE

IN THE EVENT THAT SITE SOIL OR ROCK CONDITIONS ARE SUCH TO PREVENT NORMAL INSTALLATION TIME AND PROCEDURES, THE OWNER/CUSTOMER WILL BE RESPONSIBLE FOR ADDITIONAL EQUIPMENT AND LABOR EXPENSES IN THE AMOUNT OF SIX HUNDRED AND FIFTY AND NO/100 DOLLARS ($650.00) PER DAY IN ORDER TO ACCOMPLISH THE INSTALLATION.

UNDERGROUND UTILITY CLAUSE

NEITHER T. F. HARPER & ASSOCIATES, ITS EMPLOYEES OR ITS SUB-CONTRACTORS ARE RESPONSIBLE FOR ANY DAMAGE DONE TO ANY TYPE OF UNDERGROUND UTILITIES ON THE SITE CHOSEN BY THE PROPERTY OWNER/MANAGER TO INSTALL THE EQUIPMENT UNLESS THE OWNER/MANAGER HAS THESE LINES ACCURATELY STAKED PRIOR TO INSTALLATION COMMENCEMENT. WITHOUT PROPER AND ACCURATE STAKING OF THESE UNDERGROUND LINES, ANY COSTS INCURRED TO REPAIR DAMAGED LINES OR TO RENDER MEDICAL TREATMENT IN THE EVENT OF INJURY TO A T. F. HARPER & ASSOCIATES EMPLOYEE OR SUB-CONTRACTOR DUE TO CONTACT WITH UNMARKED UNDERGROUND LINES, SHALL BE THE SOLE RESPONSIBILITY OF THE PROPERTY OWNER/MANAGER. T.F. HARPER & ASSOCIATES, ITS EMPLOYEES OR SUB-CONTRACTORS CANNOT PROCEED WITH ANY JOB WHERE UNDERGROUND LINES ARE THOUGHT TO BE PRESENT WITHOUT ACCURATE MARKINGS.

THE TERMS OF THIS PROPOSAL ARE UNDERSTOOD AND AGREED UPON BY THE UNDERSIGNED. THE UNDERSIGNED, AS THE OWNER OR REPRESENTATIVE OF THE OWNER, SWEARS TO BE AUTHORIZED TO SIGN THIS LEGAL AND BINDING AGREEMENT, THEREFORE ACCEPTING LEGAL RESPONSIBILITY AND LIABILITY FOR THE FULFILLMENT OF THE ABOVE TERMS.

Accepted By: _____

Date: _____



modern shade LLC

Residential COLOR CHART

Actual colors may vary from this sample

Powder Coat Colors

(Hot Dip Galvanized finish available upon request)



Beige



Black

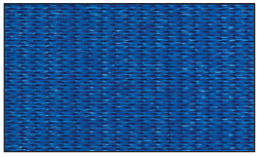


Gray



Brown

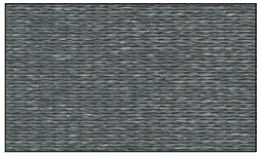
Shade Net Colors



Blue



Beige



Gray



Green

Modern Shade LLC.
Toll Free: 1.877.385.3444
Fax: 512.385.4103
modernshadellc.com

PHTHALATE FREE

Pb LEAD FREE

Commissioners Court - Regular Session **21.**

Meeting Date: 06/19/2018

Discuss consider and take appropriate action on approval of the preliminary plat for the Lennice John subdivision - Pct 4

Submitted For: Terron Evertson **Submitted By:** Adam Boatright, Infrastructure

Department: Infrastructure **Division:** Road & Bridge

Agenda Category: Consent

Information

Agenda Item

Discuss, consider, and take appropriate action on approval of the preliminary plat for the Lennice John subdivision - Pct 4.

Background

This proposed subdivision consists of a single lot and no new public roads.

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

Preliminary Plat - Lennice John subdivision

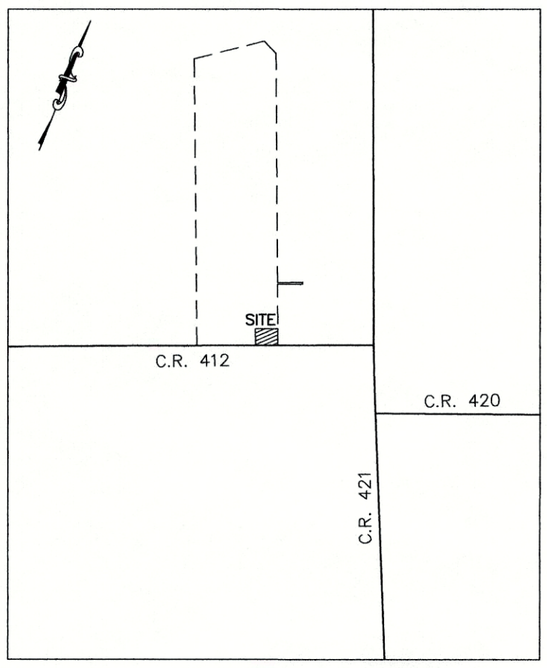
Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Wendy Coco	06/14/2018 12:01 PM
Form Started By: Adam Boatright		Started On: 06/14/2018 11:30 AM
Final Approval Date: 06/14/2018		

PRELIMINARY PLAT
LENNICE JOHN SUBDIVISION

25 0 25 50
SCALE 1" = 50'

LEGEND	
⊙	1" IRON PIPE FOUND
⊙	1/2" IRON ROD WITH PLASTIC CAP SET STAMPED "INLAND-5050"
⊙	1/2" IRON ROD WITH PLASTIC CAP FOUND STAMPED "INLAND C.A LLC"
●	1/2" IRON ROD FOUND UNLESS NOTED OTHERWISE
✉	MAILBOX
○	POWER POLE
↓	DOWN GUY
CO	CLEANOUT
ℰ	ELECTRICAL METER
P.O.B.	POINT OF BEGINNING
℄	PROPERTY LINE
O.P.R.W.C.T.	OFFICIAL PUBLIC RECORDS WILLIAMSON COUNTY, TEXAS
O.R.W.C.T.	OFFICIAL RECORDS WILLIAMSON COUNTY, TEXAS
( )	RECORD INFORMATION



LOCATION MAP
NOT TO SCALE

(N57°05'00"E 836.70')

(S62°30'00"E 200.00')

(N19°11'00"W 3346.40')

(S19°00'00"E 2669.20')

(N71°00'00"E 293.00')

(S71°00'00"W 293.00')

(S19°00'00"E (24.00')

(N19°00'00"W 709.40')
N21°59'07"W 503.93'
(N21°58'59"W 693.72')

P.J. MAHAN SURVEY
ABSTRACT No. 451

DAVID KNAPEK, a/k/a
DAVID R. KNAPEK and wife
LORETTA KNAPEK, a/k/a/
LORETTA KUBICEK KNAPEK
TRACT 2
(36.631 AC.)
DOC. NO. 2017038498
O.P.R.W.C.T.

LENNICE L. JOHN
REMAINDER OF 75 ACRE TRACT
(EXHIBIT "A")
DOC. NO. 9606485
O.R.W.C.T.

KELLY KRUSE AND WIFE,
PENNY KRUSE
(22.00 AC.)
DOC. NO. 2016119182
O.P.R.W.C.T.

N68°25'35"E 260.00'

APPROXIMATE END OF SEPTIC FIELD

N21°59'07"W 190.00'

S21°59'07"E 190.00'

LOT 1
(1.134 AC.)

APPROXIMATE LOCATION OF SEPTIC TANK

SEPTIC ALARM

1-Story Wood Frame
38.5' 28.1' 24.4' 25.5' 12.8' 22.9'

25' BUILDING LINE

35.7'

+/- N06°30'W, 4350' To Northeast Corner P. J. Mahan Survey

1100'+/- To West ROW Line CR 421

S68°25'35"W 674.45'
EXISTING R.O.W.
(S68°25'12"W 934.45')

S68°25'35"W 260.00'

N68°25'08"E 121.83'

P.O.B.

N21°41'41"W 80.15'

WILLIAMSON COUNTY
(0.315 AC.)
DOC. NO. 2002029722
& 2002060334
O.P.R.W.C.T.

C.R. 412
(80' R.O.W. WIDTH)

CMP-37.5' X 18"

ASPHALT

CMPA-24' X 18"

PROPOSED WATER METER

GRAVEL

MAILBOX

EXISTING R.O.W.

575 576 577 578 579

NOTES:
1) BEARINGS SHOWN HEREON ARE BASED ON THE TEXAS STATE PLANE COORDINATE SYSTEM, NAD 83, CENTRAL ZONE. DISTANCES ARE SURFACE DISTANCES.

2) THIS SURVEY WAS PERFORMED WITHOUT BENEFIT OF A TITLE ABSTRACT. THERE MAY BE OTHER INSTRUMENTS OF RECORD THAT AFFECT THIS TRACT NOT DEPICTED HEREON.

3) THIS PROPERTY DOES NOT LIE WITHIN ANY ETJ OR CITY LIMITS.

4) RIGHT OF WAY EASEMENT TO SW. MILAM WATER SUPPLY RECORDED IN VOL. 626, PG. 47, LOCATION CANNOT BE DETERMINED.

GENERAL INFORMATION:	
OWNER:	LENNICE L. JOHN 3101 COUNTY ROAD 412 TAYLOR, TX 76574
SURVEYOR:	INLAND GEODETICS, LLC 1504 CHISHOLM TRAIL RD. STE. 103 ROUND ROCK, TX. 78681
TOTAL NUMBER OF LOTS:	1
TOTAL ACREAGE:	1.134 AC. (49,399 SQ. FT.)
PATENT SURVEY:	P.J. MAHAN SURVEY ABSTRACT 451
DATE OF PREPARATION:	03/21/2018
SUBMITTAL DATE:	03/26/2018

I HEREBY CERTIFY THAT THIS PLAT IS TRUE AND CORRECT AND THAT THE PROPERTY SHOWN HEREON WAS DETERMINED BY A SURVEY MADE ON THE GROUND UNDER MY DIRECT SUPERVISION.

Lawrence M. Russo 06/05/2018

LAWRENCE M. RUSSO DATE
REGISTERED PROFESSIONAL LAND SURVEYOR NO. 5050
INLAND GEODETICS, LLC
FIRM REGISTRATION NO. 100591-00
1504 CHISHOLM TRAIL ROAD, SUITE 103
ROUND ROCK, TX 78681

STATE OF TEXAS REGISTERED LAWRENCE M. RUSSO 5050 PROFESSIONAL LAND SURVEYOR

NO PORTION OF LOT 1 IS WITHIN THE BOUNDARIES OF THE 100-YEAR FLOOD PLAIN OR ANY WATERWAY THAT IS WITHIN THE LIMITS OF STUDY OF THE FEDERAL FLOOD INSURANCE ADMINISTRATION, FIRM PANEL # 48491C0575E DATED SEPTEMBER 26, 2008 FOR TRAVIS COUNTY, TEXAS

INLAND GEODETICS
PROFESSIONAL LAND SURVEYORS
1504 CHISHOLM TRAIL RD. STE. 103
ROUND ROCK, TX. 78681
PH. (512) 238-1200, FAX (512) 238-1251

S:_JOHN LENNICE\BOUNDARY\LENNICE-JOHN-1.13 ACRE-PLAT.dwg

Commissioners Court - Regular Session **22.**

Meeting Date: 06/19/2018

Discuss consider and take appropriate action on approval of the final plat for the Star Ranch Commercial Block C Lot 8 subdivision - Pct 4

Submitted For: Terron Evertson **Submitted By:** Adam Boatright, Infrastructure

Department: Infrastructure **Division:** Road & Bridge

Agenda Category: Consent

Information

Agenda Item

Discuss, consider, and take appropriate action on approval of the final plat for the Star Ranch Commercial, Block C, Lot 8 subdivision - Pct 4.

Background

This proposed subdivision consists of a single lot and no new public roads.

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

Final Plat - Star Ranch Commercial Block C Lot 8 (Service King)

Form Review

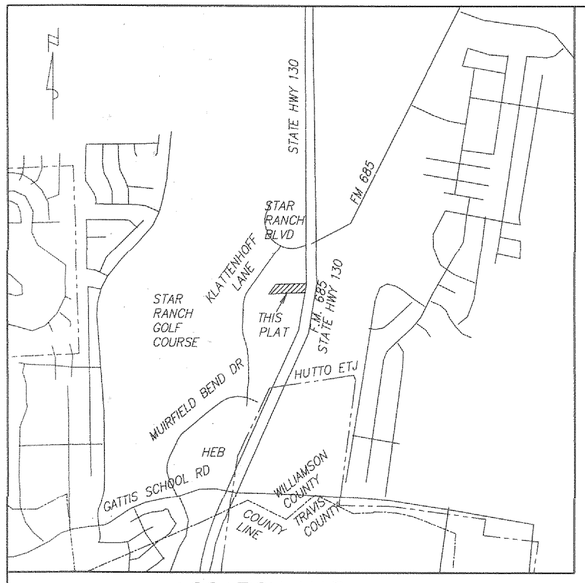
Inbox	Reviewed By	Date
County Judge Exec Asst.	Wendy Coco	06/14/2018 12:01 PM
Form Started By: Adam Boatright		Started On: 06/14/2018 11:50 AM
Final Approval Date: 06/14/2018		

FINAL PLAT OF

STAR RANCH COMMERCIAL, BLOCK C, LOT 8

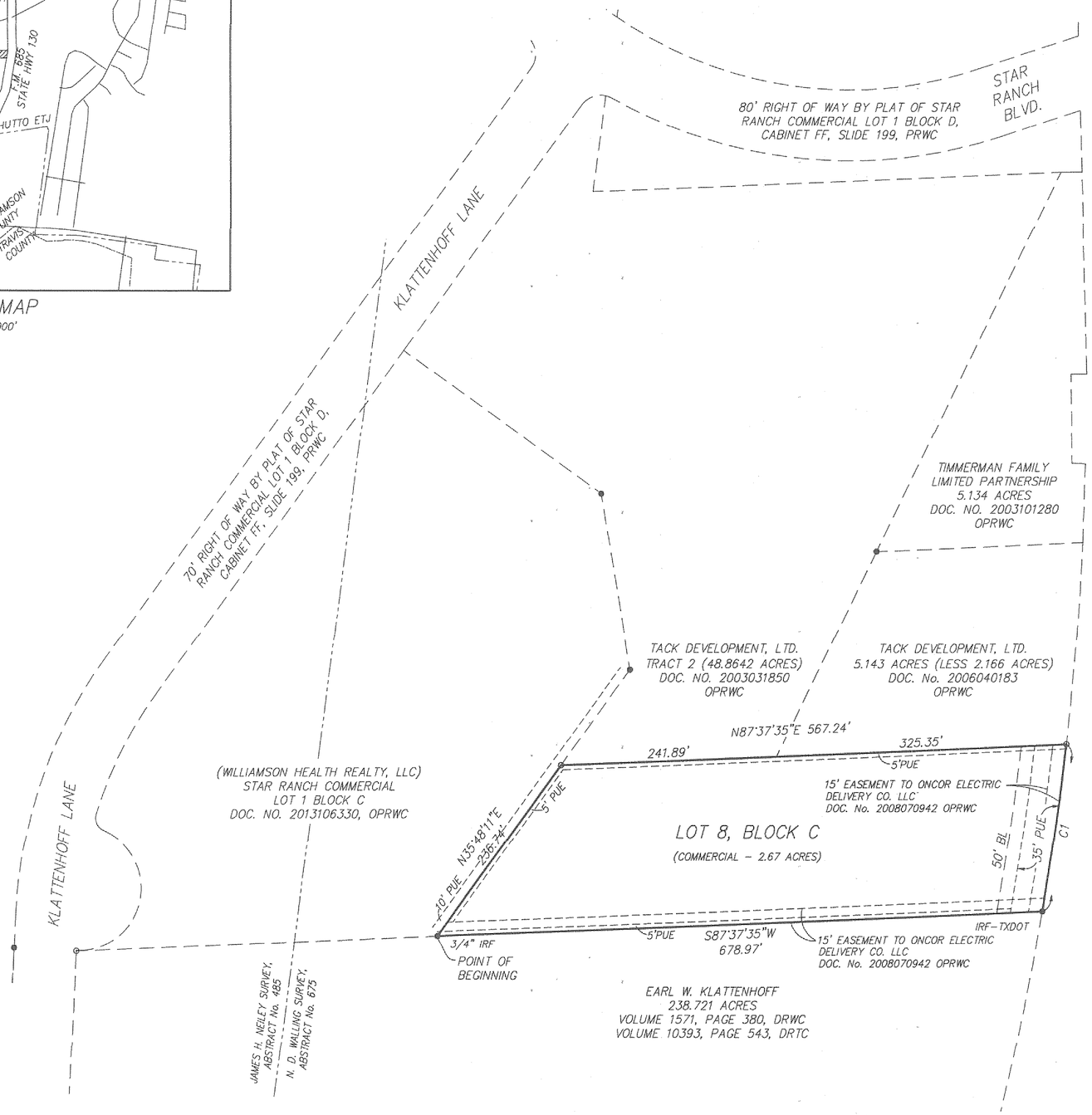
SCALE: 1"=100'

0 100' 200' 300' 400'



LOCATION MAP

SCALE: 1" = 2000'



1. NO BUILDING, FENCING, LANDSCAPING OR STRUCTURES ARE ALLOWED WITHIN ANY DRAINAGE OR WASTEWATER EASEMENT UNLESS EXPRESSLY PERMITTED BY THE CITY OF HUTTO.
2. ALL SETBACKS SHALL BE IN ACCORDANCE WITH THE 2006 ZONING ORDINANCE. A FIFTY (50) FOOT SETBACK LINE IS REQUIRED ALONG STATE HIGHWAY 130.
3. A FIVE (5) FOOT PUBLIC UTILITY EASEMENT (PUE) IS HEREBY DEDICATED ALONG AND ADJACENT TO ALL SIDE PROPERTY LINES. A FIVE (5) FOOT PUBLIC UTILITY EASEMENT (PUE) IS HEREBY DEDICATED ON EACH SIDE OF ALL REAR LOT LINES. A 35' PUBLIC UTILITY EASEMENT IS HEREBY DEDICATED ALONG STATE HIGHWAY 130.
4. NO LOT IN THIS SUBDIVISION SHALL BE OCCUPIED UNTIL CONNECTION IS MADE TO PUBLIC WATER AND WASTEWATER UTILITIES.
5. WATER WILL BE AVAILABLE THROUGH WCWSID No. 3 AFTER THE APPROPRIATED WATER SYSTEM IS INSTALLED TO THIS SITE.
6. WASTEWATER WILL BE AVAILABLE THROUGH WCWSID No. 3 AFTER THE APPROPRIATED WASTEWATER SYSTEM IS INSTALLED TO THIS SITE.
7. NO PORTION OF THIS TRACT IS ENCROACHED BY THE ULTIMATE 1% ANNUAL CHANCE FLOODPLAIN.
8. NO PORTION OF THIS TRACT IS ENCROACHED BY ANY SPECIAL FLOOD HAZARD AREA INUNDATED BY THE 1% ANNUAL CHANCE FLOODPLAIN AS IDENTIFIED BY THE U. S. FEDERAL EMERGENCY MANAGEMENT AGENCY BOUNDARY MAP (FLOOD INSURANCE RATED MAP) COMMUNITY PANEL NUMBER 48491C0515E, EFFECTIVE DATE 9–26–2008 FOR WILLIAMSON COUNTY, TEXAS.
9. IN ORDER TO PROMOTE DRAINAGE AWAY FROM A STRUCTURE, THE SLAB SLAB ELEVATION SHOULD BE BUILT AT LEAST ONE FOOT ABOVE THE SURROUNDING GROUND AND THE GROUND SHOULD BE GRADED AWAY FROM THE STRUCTURE AT A SLOPE OF 1/2" PER FOOT FOR A DISTANCE OF 10 FEET.
10. THE MINIMUM LOWEST FINISHED FLOOR ELEVATION SHALL BE ONE FOOT HIGHER THAN THE HIGHEST SPOT ELEVATION THAT IS LOCATED WITHIN FIVE FEET OUTSIDE OF THE PERIMETER OF THE BUILDING OR ONE FOOT ABOVE THE BASE FLOOD ELEVATION, WHICHEVER IS HIGHER.
11. ALL SUBDIVISION CONSTRUCTION SHALL CONFORM TO THE CITY OF HUTTO UNIFIED DEVELOPMENT CODE. CONSTRUCTION STANDARDS AND GENERALLY ACCEPTED ENGINEERING PRACTICES.
12. ON–SITE STORMWATER DETENTION FACILITIES WILL BE PROVIDED TO REDUCE POST–DEVELOPMENT PEAK RATES OF DISCHARGE OF THE 2, 10, 25 AND 100–YEAR FLOOD EVENTS TO THE RATE OF DISCHARGE OF THE LAND IN ITS NATURAL STATE.
13. ALL EASEMENTS ON PRIVATE PROPERTY SHALL BE MAINTAINED BY THE PROPERTY OWNER OR HIS OR HER ASSIGNS.
14. THIS SUBDIVISION IS WHOLLY CONTAINED WITH THE EXTRATERRITORIAL JURISDICTION OF THE CITY OF HUTTO, TEXAS.
15. SIDEWALKS SHALL BE PROVIDED ALONG ALL STREETS BOUNDING THIS SUBDIVISION. ALL SIDEWALKS ARE TO BE MAINTAINED BY EACH OF THE ADJACENT PROPERTY OWNERS.
16. MAXIMUM IMPERVIOUS COVER IS 65%.
17. BEARINGS ARE TEXAS STATE PLANE CENTRAL ZONE NAD 83.
18. THIS SUBDIVISION IS SUBJECT TO STORMWATER MANAGEMENT CONTROLS AS REQUIRED BY WILLIAMSON COUNTY SUBDIVISION REGULATIONS, SECTION B11.1, ON NEW DEVELOPMENT THAT WOULD EVOKE SUCH CONTROLS BEYOND EXISTING CONDITIONS.
19. A DE FACTO CERTIFICATE OF COMPLIANCE IS HEREBY ISSUED FOR ALL LOTS WITHIN THE SUBDIVISION, THIS CERTIFICATE IS VALID UNTIL SUCH TIME AS FEMA REVISES OR NEWLY ADOPTS FLOODPLAIN BOUNDARIES IN THIS AREA.

CURVE TABLE					
CURVE	LENGTH	RADIUS	DELTA	CHORD BRNG.	CHORD
C1	189.31	3343.41	3°14'39"	S08°09'23"W	189.29

LEGEND

○	= SET 1/2" IRON ROD WITH RJ SURVEYING CAP
●	= FOUND IRON ROD
IRF	= FOUND IRON ROD
TxDOT	= FOUND IRON ROD WITH TEXAS DEPT OF TRANSPORTATION CAP
BL	= BUILDING SETBACK LINE
DRWC	= DEED RECORDS OF WILLIAMSON COUNTY, TEXAS
DRTC	= DEED RECORDS OF TRAVIS COUNTY, TEXAS
OPRWC	= OFFICIAL PUBLIC RECORDS OF WILLIAMSON COUNTY, TEXAS

SITE DATA:
AREA OF THIS PLAT: 2.67 ACRES
LINEAR FEET OF NEW STREETS: 0

OWNER
TACK DEVELOPMENT, LTD.
2490 FM 685
HUTTO, TEXAS 78634

DATE: APRIL 2, 2018 SCALE: 1" = 100'

RANDALL JONES & ASSOCIATES ENGINEERING, INC.
2900 JAZZ STREET, ROUND ROCK, TEXAS, 78664
(512) 836–4793 FAX: (512) 836–4817 F–9784

RJ SURVEYING & ASSOCIATES, INC.
2900 JAZZ STREET, ROUND ROCK, TEXAS, 78664
(512) 836–4793 FAX: (512) 836–4817 F–10015400

S:\LAND\2551-7600\2594\dwg\2594-Plat.dwg, 4/30/2018 1:31:39 PM

FINAL PLAT OF

STAR RANCH COMMERCIAL, BLOCK C, LOT 8

THAT PART OF THE N. D. WALLING SURVEY, ABSTRACT No. 675, IN WILLIAMSON COUNTY, TEXAS, BEING A PART OF THAT 48.8642 ACRE TRACT OF LAND CONVEYED TO TACK DEVELOPMENT, LTD., BY DEED RECORDED IN DOCUMENT No. 2003031850 OF THE OFFICIAL PUBLIC RECORDS OF WILLIAMSON COUNTY, TEXAS, AND A PART OF THAT 5.143 ACRE TRACT (LESS AND NOT INCLUDING 2.166 ACRES) CONVEYED TO TACK DEVELOPMENT, LTD., BY DEED RECORDED IN DOCUMENT No. 2006040183 OF THE OFFICIAL PUBLIC RECORDS OF WILLIAMSON COUNTY, TEXAS, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGIN at a 3/4" iron rod found in the Southerly Line of said 48.8642 Acre Tract at the Southeast Corner of Lot 1, Block C, Star Ranch Commercial, according to the plat thereof recorded in Document No. 2013106330 of the Official Public Records of Williamson County, Texas;

THENCE N.35°48'11"E. along the Southeasterly Line of said Lot 1 and across said 48.8642 Acre Tract a distance of 236.74 feet to a 1/2" iron rod set;

THENCE N.87°37'35"E. across said 48.8642 Acre Tract (at 245.02 feet pass the West Line of said 5.143 Acre Tract and continue across said 5.143 Acre Tract) in all a distance of 567.24 feet to the West Line of said 2.166 Acre Tract and to a point on a non-tangent curve to the right in the West Line of State Highway 130;

THENCE southerly along the arc of said curve, the West Line of said 2.166 Acre Tract, and the West Line of State Highway 130, a distance of 189.31 feet, said curve having a radius of 3343.41 feet, a central angle of 03°14'39" and a chord bearing S.08°09'23"W., feet to an iron rod found with TxDOT cap found in the South Line of said 5.143 Acre at the Southwest Corner of said 2.166 Acre Tract;

THENCE S.87°37'35"W. along the South Line of said 5.143 Acre Tract (at 330.16 feet pass a 1/2" iron rod found at the Southwest Corner of said 5.143 Acre Tract and continue along the Southerly Line of said 48.8642 Acre Tract) in all a distance of 678.97 feet to the said Point of Beginning.

Containing 2.67 acres, more or less.

STATE OF TEXAS {
KNOW ALL MEN BY THESE PRESENTS
COUNTY OF WILLIAMSON {

I, STEPHEN R. LAWRENCE, REGISTERED PROFESSIONAL LAND SURVEYOR IN THE STATE OF TEXAS, DO HEREBY CERTIFY THAT THIS PLAT IS TRUE AND CORRECTLY MADE FROM AN ACTUAL SURVEY MADE ON THE GROUND OF THE PROPERTY LEGALLY DESCRIBED HEREON, AND THAT THERE ARE NO APPARENT DISCREPANCIES, CONFLICTS, OVERLAPPING OF IMPROVEMENTS, VISIBLE UTILITY LINES OR ROADS IN PLACE, EXCEPT AS SHOWN ON THE ACCOMPANYING PLAT, AND THAT THE CORNER MONUMENTS SHOWN THEREON WERE PROPERLY PLACED UNDER MY SUPERVISION IN ACCORDANCE WITH THE CODES AND ORDINANCES OF THE CITY OF HUTTO, TEXAS.

TO CERTIFY WHICH, WITNESS MY HAND AND SEAL AT ROUND ROCK, WILLIAMSON COUNTY, TEXAS, THIS 30 DAY OF April, 20 18.

4/30/18

STEPHEN R. LAWRENCE
REGISTERED PROFESSIONAL LAND SURVEYOR NO. 6352
STATE OF TEXAS
2900 JAZZ STREET
ROUND ROCK, TX 78664
512-836-4793

STATE OF TEXAS REGISTERED STEPHEN R. LAWRENCE 6352 PROFESSIONAL LAND SURVEYOR

STATE OF TEXAS {
KNOW ALL MEN BY THESE PRESENTS
COUNTY OF WILLIAMSON {

I, ISRAEL RAMIREZ, REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF TEXAS, DO HEREBY CERTIFY THAT THIS PLAT IS IN COMPLIANCE WITH THE CODES AND ORDINANCES OF THE CITY OF HUTTO, TEXAS.

TO CERTIFY WHICH, WITNESS MY HAND AND SEAL AT ROUND ROCK, WILLIAMSON COUNTY, TEXAS, THIS 30 DAY OF April, 20 18.

4.30.18

ISRAEL RAMIREZ
REGISTERED PROFESSIONAL ENGINEER No. 114495
STATE OF TEXAS
2900 JAZZ STREET
ROUND ROCK, TX 78664
512-836-4793

STATE OF TEXAS ISRAEL RAMIREZ 114495 LICENSED PROFESSIONAL ENGINEER

STATE OF TEXAS {
KNOW ALL MEN BY THESE PRESENTS:
COUNTY OF WILLIAMSON {

TACK DEVELOPMENT, LTD., SOLE OWNER OF THE CERTAIN TRACT OF LAND SHOWN HEREON AND DESCRIBED IN A DEED RECORDED IN DOCUMENT NUMBER 2006040183 OF THE OFFICIAL PUBLIC RECORDS OF WILLIAMSON COUNTY, TEXAS, AND BEING THE SOLE OF THE CERTAIN TRACT OF LAND SHOWN HEREON AND DESCRIBED IN A DEED RECORDED IN DOCUMENT NUMBER 2003031850 OF THE OFFICIAL PUBLIC RECORDS OF WILLIAMSON COUNTY, TEXAS, DOES HEREBY STATE THAT THERE ARE NO LIEN HOLDERS OF THE CERTAIN TRACT OF LAND, AND DOES HEREBY SUBDIVIDE 2.67 ACRES OUT OF SAID SAID TRACTS AS SHOWN HEREON. AND DOES HEREBY CONSENT TO ALL PLAT NOTE REQUIREMENTS SHOWN HEREON, AND DOES HEREBY DEDICATE TO THE PUBLIC THE ROADS, ALLEYS, RIGHTS-OF-WAY, EASEMENTS AND PUBLIC PLACES SHOWN HEREON FOR SUCH PUBLIC PURPOSES AS WILLIAMSON COUNTY MAY DEEM APPROPRIATE, AND DOES HEREBY STATE THAT ALL PUBLIC ROADWAYS AND EASEMENTS AS SHOWN ON THIS PLAT ARE FREE OF LIENS. THIS SUBDIVISION IS TO BE KNOWN AS STAR RANCH COMMERCIAL, BLOCK C, LOT 8

TO CERTIFY WHICH, WITNESS BY MY HAND THIS 4th DAY OF May, 20 18.

BY: TACK DEVELOPMENT, LTD.

BY: _____
TIM TIMMERMAN, PRESIDENT
2490 FM 685
HUTTO, TEXAS 78634

STATE OF TEXAS {
KNOW ALL MEN BY THESE PRESENTS
COUNTY OF WILLIAMSON {

BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED TIM TIMMERMAN KNOWN TO ME TO BE THE PERSON WHOSE NAME IS SUBSCRIBED TO THE FOREGOING INSTRUMENT AND ACKNOWLEDGED TO ME THAT THEY EXECUTED THE SAME FOR THE PURPOSES AND CONSIDERATION THEREIN EXPRESSED, IN THE CAPACITY THEREIN STATED.

GIVEN UNDER MY HAND AND SEAL OF OFFICE THIS 4th DAY OF May, 20 18.

_____
NOTARY PUBLIC IN AND FOR THE STATE OF TEXAS

AMY LITTLE
Notary Public, State of Texas
Notary ID# 13073626-8
My Commission Expires
JULY 19, 2020

Amy Little
NOTARY PUBLIC PRINTED OR TYPED NAME

SEAL

MY COMMISSION EXPIRES ON: July 19, 2020

IN APPROVING THIS PLAT BY THE COMMISSIONERS' COURT OF WILLIAMSON COUNTY, TEXAS, IT IS UNDERSTOOD THAT THE BUILDING OF ALL STREETS, ROADS, AND OTHER PUBLIC THOROUGHFARES AND ANY BRIDGES OR CULVERTS NECESSARY TO BE CONSTRUCTED OR PLACED IS THE RESPONSIBILITY OF THE OWNERS OF THE TRACT OF LAND COVERED BY THIS PLAT IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS PRESCRIBED BY THE COMMISSIONERS' COURT OF WILLIAMSON COUNTY, TEXAS. SAID COMMISSIONERS' COURT ASSUMES NO OBLIGATION TO BUILD ANY OF THE STREETS, ROADS, OR OTHER PUBLIC THOROUGHFARES SHOWN ON THIS PLAT OR OF CONSTRUCTING ANY OF THE BRIDGES OR DRAINAGE IMPROVEMENTS IN CONNECTION THEREWITH. THE COUNTY WILL ASSUME NO RESPONSIBILITY FOR DRAINAGE WAYS OR EASEMENTS IN THE SUBDIVISION, OTHER THAN THOSE DRAINING OR PROTECTING THE ROAD SYSTEM AND STREETS.

THE COUNTY ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF REPRESENTATIONS BY OTHER PARTIES IN THIS PLAT. FLOOD PLAIN DATA, IN PARTICULAR, MAY CHANGE DEPENDING ON SUBSEQUENT DEVELOPMENT. IT IS FURTHER UNDERSTOOD THAT THE OWNERS OF THE TRACT OF LAND COVERED BY THIS PLAT MUST INSTALL AT THEIR OWN EXPENSE ALL TRAFFIC CONTROL DEVICES AND SIGNAGE THAT MAY BE REQUIRED BEFORE THE STREETS IN THE SUBDIVISION HAVE FINALLY BEEN ACCEPTED FOR MAINTENANCE BY THE COUNTY.

STATE OF TEXAS
COUNTY OF WILLIAMSON

KNOW ALL MEN BY THESE PRESENTS;

I, DAN A. GATTIS, COUNTY JUDGE OF WILLIAMSON COUNTY, TEXAS, DO HEREBY CERTIFY THAT THIS MAP OR PLAT, WITH FIELD NOTES HEREON, THAT A SUBDIVISION HAVING BEEN FULLY PRESENTED TO THE COMMISSIONERS' COURT OF WILLIAMSON COUNTY, TEXAS, AND BY THE SAID COURT DULY CONSIDERED, WERE ON THIS DAY APPROVED AND PLAT IS AUTHORIZED TO BE REGISTERED AND RECORDED IN THE PROPER RECORDS OF THE COUNTY CLERK OF WILLIAMSON COUNTY, TEXAS.

_____ _____
DAN A. GATTIS, COUNTY JUDGE DATE
WILLIAMSON COUNTY, TEXAS

STATE OF TEXAS
COUNTY OF WILLIAMSON

I, NANCY E. RISTER, CLERK OF WILLIAMSON COUNTY, DO HEREBY CERTIFY THAT THE FOREGOING INSTRUMENT IN WRITING, WITH ITS CERTIFICATION OF AUTHENTICATION, WAS FILED FOR RECORD IN MY OFFICE ON THE ____ DAY OF _____ A. D. _____, AT ___ O'CLOCK __ M. AND DULY RECORDED ON THE ____ DAY OF _____, A. D. _____ AT ___ O'CLOCK __ M IN THE PLAT RECORDS OF SAID COUNTY, IN DOCUMENT No.

WITNESS MY HAND AND SEAL OF THE COUNTY COURT OF SAID COUNTY, AT OFFICE IN GEORGETOWN, TEXAS, THE DATE LAST WRITTEN ABOVE.

NANCY RISTER, COUNTY CLERK,
WILLIAMSON COUNTY, TEXAS

BY: _____
DEPUTY

APPROVAL
CITY OF HUTTO

THIS PLAT WAS APPROVED FOR RECORDING BY THE CITY COUNCIL ON THE 19th DAY OF April, 20 18.

Doug Gaul 6/6/18
DOUG GAUL, DATE
MAYOR

Lisa L. Brown 6/6/18
CITY SECRETARY DATE
LISA L. BROWN

THIS SUBDIVISION IS LOCATED WITHIN THE EXTRA TERRITORIAL JURISDICTION OF THE CITY OF HUTTO, THIS 5th DAY OF June, 20 18.

_____
ASHLEY LUMPKIN, AICP
CITY OF HUTTO, DEVELOPMENT SERVICES DEPARTMENT

ROAD NAME AND ADDRESS ASSIGNMENTS VERIFIED THIS THE 23rd DAY OF May, 2018

Cindy Bridges
WILLIAMSON COUNTY ADDRESSING COORDINATOR
Cindy Bridges

DATE: APRIL 2, 2017

RANDALL JONES & ASSOCIATES ENGINEERING, INC.
2900 JAZZ STREET, ROUND ROCK, TEXAS, 78664
(512) 836-4793 FAX: (512) 836-4817 F-9784

RJ SURVEYING & ASSOCIATES, INC.
2900 JAZZ STREET, ROUND ROCK, TEXAS, 78664
(512) 836-4793 FAX: (512) 836-4817 F-10015400

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Commissioners Court - Regular Session **23.**

Meeting Date: 06/19/2018

Juneteenth 2018

Submitted For: Terry Cook **Submitted By:** Garry Brown, Commissioner Pct. #1

Department: Commissioner Pct. #1

Agenda Category: Regular Agenda Items

Information

Agenda Item

Discuss, consider, and take appropriate action on a Proclamation recognizing June 19, 2018 as Juneteenth – Texas Emancipation Day in Williamson County.

Background

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

Juneteenth 2018 Proclamation

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Wendy Coco	06/14/2018 11:27 AM
Form Started By: Garry Brown		Started On: 06/14/2018 11:22 AM
Final Approval Date: 06/14/2018		

PROCLAMATION

WHEREAS, Juneteenth recognizes that on June 19, 1865, almost three years after President Lincoln issued the Emancipation Proclamation, Union General Gordon Granger announced in Galveston the freedom of all slaves throughout Texas, which read in part: *"The people of Texas are informed that in accordance with a proclamation from the Executive of the United States, all slaves are free;"* and

WHEREAS, this announcement ended the last major vestige of slavery in the United States; and

WHEREAS, Juneteenth is the oldest African American holiday, and in 1980, Texas established Juneteenth as a state holiday; and

WHEREAS, this Commissioners Court recognizes that the early Black inhabitants of Williamson County were brought here as slaves; and

WHEREAS, in the 153 years since General Granger's Proclamation, the struggle against bigotry, hate, and violence continues today; and

WHEREAS, we believe that peace, love, and respect for one another and an emphasis on historical accuracy can overcome deep-seated mistrust and move our society towards a goal of a more inclusive and equitable community;

NOW THEREFORE BE IT PROCLAMED, that the Williamson County Commissioners Court hereby recognizes and proclaims, June 19, 2018 as:

"JUNETEENTH – TEXAS EMANCIPATION DAY"

in Williamson County, and encourages all Williamson County employees and residents to learn more about Juneteenth and support the noble purpose of this day.

Signed on this date: _____

_____

Dan Gattis, County Judge

_____ _____

Terry Cook, Commissioner Precinct 1 Valerie Covey, Commissioner Precinct 3

_____ _____

Cynthia Long, Commissioner Precinct 2 Larry Madsen, Commissioner Precinct 4

Commissioners Court - Regular Session **24.**

Meeting Date: 06/19/2018

TAGITM Excellence award to Technology Services

Submitted By: Richard Semple, Information Technology

Department: Information Technology

Agenda Category: Regular Agenda Items

Information

Agenda Item

Discuss, consider, and take appropriate action on recognizing Technology Services as a winner of the Texas Association of Government IT Managers (TAGITM) 2018 Excellence Award.

Background

Williamson County was selected as one of three Excellence Award winners at the statewide conference for the Technology Project Request and Evaluation Process. Technology Services designed and implemented new procedures to help streamline technology projects in the County and help get the appropriate information from the vendors in a timely manner. These processes have already helped several projects become a success and saved many hours of staff time in IT and other departments. A representative from the TAGITM board will be here to present.

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

No file(s) attached.

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Wendy Coco	06/14/2018 11:26 AM
Form Started By: Richard Semple		Started On: 06/14/2018 10:14 AM
Final Approval Date: 06/14/2018		

Commissioners Court - Regular Session **25.**

Meeting Date: 06/19/2018

Hutto Education Foundation

Submitted For: Larry Madsen **Submitted By:** Julia Cooper, Commissioner Pct. #4

Department: Commissioner Pct. #4

Agenda Category: Regular Agenda Items

Information

Agenda Item

Discuss and take appropriate action on distribution of funds for the Hutto Education Foundation.

Background

Kristen Smith will offer a presentation to the Commissioners Court on behalf of the Hutto Education Foundation.

The Hutto Education Foundation is a conduit for the distribution of funds allocated by the Commissioners Court to the Hutto Education Foundation. Per the Memorandum of Understanding between the Commissioners Court and HEF, we have an agreement that 25% or a minimum of $20,000 goes into the Permanent Endowment Fund. The recommendation for last year was $150,000 total with $146,500 for the Endowment Fund.

This year's recommendation is $150,000 to be divided as follows:
$ 146,500 for the Endowment Fund.
$ 3,500 for administration expenses.
This increase will allow the Foundation's Endowment to reach the Minimum Fund Balance of $500,000 as agreed by HISD and the Williamson County Commissioner's Court per the MOU.

Once the minimum fund balance requirement of $500,000.00 is attained, interest that is above the $500,000.00 mark may be used for scholarships for higher education opportunities of Hutto High School students.

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

Endowment Report
Endowment Funding Policy
HEF Presentation

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Wendy Coco	06/13/2018 04:31 PM
Form Started By: Julia Cooper		Started On: 06/13/2018 02:56 PM
Final Approval Date: 06/13/2018		

Greater Round Rock Community Foundation, Inc.
Hutto Education Foundation
As of April 30, 2018

Date	Name	Memo	Paid Amount
Ordinary Income/Expense			
Income			
Contributions			
Restricted			
08/29/2011	Hutto Education Foundat...	Hutto Education Foundation...	20,000.00
11/02/2011	Hutto Education Foundat...	2nd Installment	22,500.00
12/29/2012	Hutto Education Foundat...	3rd Installment	26,250.00
06/24/2014	Hutto Education Foundat...	4th Installment	87,000.00
12/01/2015	Hutto Education Foundat...	5th Installment	86,500.00
12/16/2016	Hutto Education Foundat...	6th Installment	91,500.00
12/19/2017	Hutto Education Foundat...	Donation to Hutto Educatio...	146,500.00
Total Restricted			480,250.00
Total Contributions			480,250.00
Investment Income			
Cap Gain Distributions (Div)			
12/31/2013		Cap Gain Distrib Inc-Dec 20...	41.34
01/31/2014		Cap Gain Distrib Inc-Jan 20...	0.06
04/30/2014		Cap Gain Distrib Inc-Apr 20...	2.26
12/31/2014		Cap Gain Distrib Inc-Dec 20...	184.94
04/30/2015		Cap Gain Distrib Inc-Apr 20...	4.05
12/31/2015		Cap Gain Distrib Inc-Dec 20...	262.47
12/31/2016		Cap Gain Distrib Inc-Dec 20...	48.48
04/30/2017		Cap Gain Distrib Inc-Apr 20...	0.63
12/31/2017		Cap Gain Distrib Inc-Dec 20...	7.25
Total Cap Gain Distributions (Div)			551.48
Dividend Income			
10/31/2013		Dividend Inc-Oct 2013	70.79
11/30/2013		Dividend Inc-Nov 2013	65.57
12/31/2013		Dividend Inc-Dec 2013	174.07
01/31/2014		Dividend Inc-Jan 2014	45.15
02/28/2014		Dividend Inc-Feb 2014	47.97
03/31/2014		Dividend Inc-Mar 2014	87.22
04/30/2014		Dividend Inc-Apr 2014	75.79
05/31/2014		Dividend Inc-May 2014	44.50
06/30/2014		Dividend Inc-Jun 2014	89.36
07/31/2014		Dividend Inc-Jul 2014	227.81
08/31/2014		Dividend Inc-Aug 2014	67.75
09/30/2014		Dividend Inc-Sep 2014	99.06
10/31/2014		Dividend Inc-Oct 2014	98.25
11/30/2014		Dividend Inc-Nov 2014	77.03
12/31/2014		Dividend Inc-Dec 2014	286.61
01/31/2015		Dividend Inc-Jan 2015	96.76
02/28/2015		Dividend Inc-Feb 2015	146.16
03/31/2015		Dividend Inc-Mar 2015	117.74
04/30/2015		Dividend Inc-Apr 2015	108.26
05/31/2015		Dividend Inc-May 2015	71.68
06/30/2015		Dividend Inc-Jun 2015	152.01
07/31/2015		Dividend Inc-Jul 2015	215.22
08/31/2015		Dividend Inc-Aug 2015	80.39
09/30/2015		Dividend Inc-Sep 2015	132.02
10/31/2015		Dividend Inc-Oct 2015	145.38
11/30/2015		Dividend Inc-Nov 2015	74.47
12/31/2015		Dividend Inc-Dec 2015	573.42
01/31/2016		Dividend Inc-Jan 2016	137.33
02/29/2016		Dividend Inc-Feb 2016	146.41
03/31/2016		Dividend Inc-Mar 2016	220.98
04/30/2016		Dividend Inc-Apr 2016	245.96
05/31/2016		Dividend Inc-May 2016	152.99
06/30/2016		Dividend Inc-Jun 2016	539.37
07/31/2016		Dividend Inc-Jul 2016	280.92
08/31/2016		Dividend Inc-Aug 2016	169.11

Greater Round Rock Community Foundation, Inc.
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Date	Name	Memo	Paid Amount
09/30/2016		Dividend Inc-Sep 2016	269.47
10/31/2016		Dividend Inc-Oct 2016	216.28
11/30/2016		Dividend Inc-Nov 2016	157.70
12/31/2016		Dividend Inc-Dec 2016	617.30
01/31/2017		Dividend Inc-Jan 2017	198.00
02/28/2017		Dividend Inc-Feb 2017	206.57
03/31/2017		Dividend Inc-Mar 2017	273.97
04/30/2017		Dividend Inc-Apr 2017	254.87
05/31/2017		Dividend Inc-May 2017	314.41
06/30/2017		Dividend Inc-Jun 2017	709.05
07/31/2017		Dividend Inc-Jul 2017	255.51
08/31/2017		Dividend Inc-Aug 2017	218.01
09/30/2017		Dividend Inc-Sep 2017	267.09
10/31/2017		Dividend Inc-Oct 2017	305.40
11/30/2017		Dividend Inc-Nov 2017	201.03
12/31/2017		Dividend Inc-Dec 2017	904.58
01/31/2018		Dividend Inc-Jan 2018	263.52
02/28/2018		Dividend Inc-Feb 2018	232.49
03/31/2018		Dividend Inc-Mar 2018	410.32
04/30/2018		Dividend Inc-Apr 2018	403.18
Total Dividend Income			12,042.26
Interest Income			
10/31/2013		Interest Inc-Oct 2013	0.99
11/30/2013		Interest Inc-Nov 2013	1.17
12/31/2013		Interest Inc-Dec 2013	1.17
01/31/2014		Interest Inc-Jan 2014	1.00
02/28/2014		Interest Inc-Feb 2014	0.91
03/31/2014		Interest Inc-Mar 2014	1.03
04/30/2014		Interest Inc-Apr 2014	1.06
05/31/2014		Interest Inc-May 2014	1.16
06/30/2014		Interest Inc-Jun 2014	1.35
07/31/2014		Interest Inc-Jul 2014	2.18
08/31/2014		Interest Inc-Aug 2014	2.08
09/30/2014		Interest Inc-Sep 2014	2.46
10/31/2014		Interest Inc-Oct 2014	2.55
11/30/2014		Interest Inc-Nov 2014	2.44
12/31/2014		Interest Inc-Dec 2014	3.29
01/31/2015		Interest Inc-Jan 2015	2.89
02/28/2015		Interest Inc-Feb 2015	2.50
03/31/2015		Interest Inc-Mar 2015	2.24
04/30/2015		Interest Inc-Apr 2015	2.28
05/31/2015		Interest Inc-May 2015	1.81
06/30/2015		Interest Inc-Jun 2015	2.03
07/31/2015		Interest Inc-Jul 2015	1.99
08/31/2015		Interest Inc-Aug 2015	1.81
09/30/2015		Interest Inc-Sep 2015	1.86
10/31/2015		Interest Inc-Oct 2015	1.95
11/30/2015		Interest Inc-Nov 2015	1.99
12/31/2015		Interest Inc-Dec 2015	3.02
01/31/2016		Interest Inc-Jan 2016	3.33
02/29/2016		Interest Inc-Feb 2016	2.87
03/31/2016		Interest Inc-Mar 2016	3.11
04/30/2016		Interest Inc-Apr 2016	2.75
05/31/2016		Interest Inc-May 2016	2.52
06/30/2016		Interest Inc-Jun 2016	2.39
07/31/2016		Interest Inc-Jul 2016	2.25
08/31/2016		Interest Inc-Aug 2016	2.75
09/30/2016		Interest Inc-Sep 2016	2.75
10/31/2016		Interest Inc-Oct 2016	2.69
11/30/2016		Interest Inc-Nov 2016	2.42
12/31/2016		Interest Inc-Dec 2016	3.00
01/31/2017		Interest Inc-Jan 2017	3.51
02/28/2017		Interest Inc-Feb 2017	3.32

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Date	Name	Memo	Paid Amount
03/31/2017		Interest Inc-Mar 2017	3.55
04/30/2017		Interest Inc-Apr 2017	3.23
05/31/2017		Interest Inc-May 2017	6.61
06/30/2017		Interest Inc-Jun 2017	11.27
07/31/2017		Interest Inc-Jul 2017	51.06
08/31/2017		Interest Inc-Aug 2017	51.69
09/30/2017		Interest Inc-Sep 2017	34.88
10/31/2017		Interest Inc-Oct 2017	18.53
11/30/2017		Interest Inc-Nov 2017	8.09
12/31/2017		Interest Inc-Dec 2017	7.49
01/31/2018		Interest Inc-Jan 2018	94.58
02/28/2018		Interest Inc-Feb 2018	2.88
03/31/2018		Interest Inc-Mar 2018	3.49
04/30/2018		Interest Inc-Apr 2018	192.80
Total Interest Income			581.02
Interest/Dividend Income			
09/30/2011		Dividends & Interest-Sep 2...	35.49
10/31/2011		Dividends & Interest-Oct 2...	22.23
11/30/2011		Dividends & Interest-Nov 2...	35.45
12/31/2011		Dividends & Interest-Dec 2...	91.69
01/31/2012		Dividends & Interest-Jan 2...	45.91
02/29/2012		Dividends & Interest-Feb 2...	64.15
03/31/2012		Dividends & Interest-Mar 2...	162.53
04/30/2012		Dividends & Interest-Apr 2...	73.47
05/31/2012		Dividends & Interest-May 2...	49.17
06/30/2012		Dividends & Interest-Jun 2...	88.55
07/31/2012		Dividends & Interest-Jul 2012	43.12
08/31/2012		Dividends & Interest-Aug 2...	70.38
09/30/2012		Dividends & Interest-Sep 2...	94.65
10/31/2012		Dividends & Interest-Oct 2...	58.61
11/30/2012		Dividends & Interest-Nov 2...	40.85
12/31/2012		Dividends & Interest-Dec 2...	117.56
01/31/2013		Dividends & Interest-Jan 2...	43.97
02/28/2013		Dividends & Interest-Feb 2...	61.66
03/31/2013		Dividends & Interest-Mar 2...	102.62
04/30/2013		Dividends & Interest-Apr 2...	89.68
05/31/2013		Dividends & Interest-May 2...	50.74
06/30/2013		Dividends & Interest-Jun 2...	105.56
07/31/2013		Dividends & Interest-Jul 2013	138.57
08/31/2013		Dividends & Interest-Aug 2...	58.83
09/30/2013		Dividends & Interest-Sep 2...	94.71
Total Interest/Dividend Income			1,840.15
Realized Gain/Loss-Securities			
09/30/2011		Market Gain/Loss-Sep 2011	144.41
11/30/2011		Market Gain/Loss-Nov 2011	50.92
01/31/2012		Market Gain/Loss-Jan 2012	56.28
02/29/2012		Market Gain/Loss-Feb 2012	1,112.80
03/31/2012		Market Gain/Loss-Mar 2012	-36.01
04/30/2012		Market Gain/Loss-Apr 2012	168.54
05/31/2012		Market Gain/Loss-May 2012	-29.55
06/30/2012		Market Gain/Loss-Jun 2012	79.45
07/31/2012		Market Gain/Loss-Jul 2012	-115.62
08/31/2012		Market Gain/Loss-Aug 2012	-171.00
10/31/2012		Market Gain/Loss-Oct 2012	-20.48
12/31/2012		Market Gain/Loss-Dec 2012	1.60
01/31/2013		Market Gain/Loss-Jan 2013	-51.89
02/28/2013		Market Gain/Loss-Feb 2013	1,333.39
03/31/2013		Market Gain/Loss-Mar 2013	-45.16
04/30/2013		Market Gain/Loss-Apr 2013	-8.45
05/31/2013		Market Gain/Loss-May 2013	67.99
06/30/2013		Market Gain/Loss- Jun 2013	66.10
07/31/2013		Market Gain/Loss- Jul 2013	99.08

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Date	Name	Memo	Paid Amount
08/31/2013		Market Gain/Loss- Aug 2013	154.60
09/30/2013		Market Gain/Loss- Sep 2013	698.58
10/31/2013		Market Gain/Loss- Oct 2013	415.10
11/30/2013		Market Gain/Loss- Nov 2013	70.19
12/31/2013		Market Gain/Loss- Dec 2013	-44.28
03/31/2014		Market Gain/Loss- Mar 2014	123.99
04/30/2014		Market Gain/Loss- Apr 2014	-164.23
05/31/2014		Market Gain/Loss- May 2014	749.75
07/31/2014		Market Gain/Loss- Jul 2014	1,261.73
08/31/2014		Market Gain/Loss- Aug 2014	-12.36
09/30/2014		Market Gain/Loss- Sep 2014	-6.30
10/31/2014		Market Gain/Loss- Oct 2014	3.53
11/30/2014		Market Gain/Loss- Nov 2014	170.22
02/28/2015		Market Gain/Loss- Feb 2015	1,479.67
03/31/2015		Market Gain/Loss- Mar 2015	398.41
08/31/2015		Market Gain/Loss- Aug 2015	-55.73
09/30/2015		Market Gain/Loss- Sep 2015	55.83
10/31/2015		Market Gain/Loss- Oct 2015	625.50
11/30/2015		Market Gain/Loss- Nov 2015	-64.18
12/31/2015		Market Gain/Loss- Dec 2015	-739.41
01/31/2016		Market Gain/Loss- Jan 2016	154.18
02/29/2016		Market Gain/Loss- Feb 2016	-2,647.87
05/31/2016		Market Gain/Loss- May 2016	825.32
06/30/2016		Market Gain/Loss- Jun 2016	364.71
07/31/2016		Market Gain/Loss- Jul 2016	693.57
08/31/2016		Market Gain/Loss- Aug 2016	520.57
10/31/2016		Market Gain/Loss- Oct 2016	5.91
11/30/2016		Market Gain/Loss- Nov 2016	-39.93
12/31/2016		Market Gain/Loss- Dec 2016	707.41
01/31/2017		Market Gain/Loss- Jan 2017	878.31
02/28/2017		Market Gain/Loss- Feb 2017	442.45
05/31/2017		Market Gain/Loss- May 2017	-29.45
06/30/2017		Market Gain/Loss- Jun 2017	-17.60
08/31/2017		Market Gain/Loss- Aug 2017	705.47
09/30/2017		Market Gain/Loss- Sep 2017	1,273.00
10/31/2017		Market Gain/Loss- Oct 2017	1,192.01
11/30/2017		Market Gain/Loss- Nov 2017	-101.96
12/31/2017		Market Gain/Loss- Dec 2017	1.79
01/31/2018		Market Gain/Loss- Jan 2018	1,857.99
03/31/2018		Market Gain/Loss- Mar 2018	5,073.47
04/30/2018		Market Gain/Loss- Apr 2018	397.13
Total Realized Gain/Loss-Securities			20,079.49
Unrealized Gain/Loss-Securities			
09/30/2011		Market Change-Sep 2011	-768.83
10/31/2011		Market Change-Oct 2011	816.70
11/30/2011		Market Change-Nov 2011	-96.42
12/31/2011		Market Change-Dec 2011	-24.83
01/31/2012		Market Change-Jan 2012	972.77
02/29/2012		Market Change-Feb 2012	-398.06
03/31/2012		Market Change-Mar 2012	-133.85
04/30/2012		Market Change-Apr 2012	-359.98
05/31/2012		Market Change-May 2012	-1,648.02
06/30/2012		Market Change-Jun 2012	665.96
07/31/2012		Market Change-Jul 2012	309.97
08/31/2012		Market Change-Aug 2012	497.41
09/30/2012		Market Change-Sep 2012	344.11
10/31/2012		Market Change-Oct 2012	-404.73
11/30/2012		Market Change-Nov 2012	403.88
12/31/2012		Market Change-Dec 2012	138.68
01/31/2013		Market Change-Jan 2013	2,139.32
02/28/2013		Market Change-Feb 2013	-1,576.31
03/31/2013		Market Change-Mar 2013	1,087.99
04/30/2013		Market Change-Apr 2013	393.96

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Date	Name	Memo	Paid Amount
05/31/2013		Market Change-May 2013	170.74
06/30/2013		Market Change-Jun 2013	-1,265.84
07/31/2013		Market Change-Jul 2013	1,914.56
08/31/2013		Market Change-Aug 2013	-1,657.16
09/30/2013		Market Change-Sep 2013	1,176.80
10/31/2013		Market Change-Oct 2013	1,356.48
11/30/2013		Market Change-Nov 2013	1,244.05
12/31/2013		Market Change-Dec 2013	943.31
01/31/2014		Market Change-Jan 2014	-1,258.27
02/28/2014		Market Change-Feb 2014	1,567.37
03/31/2014		Market Change-Mar 2014	108.65
04/30/2014		Market Change-Apr 2014	469.64
05/31/2014		Market Change-May 2014	100.88
06/30/2014		Market Change-Jun 2014	510.04
07/31/2014		Market Change-Jul 2014	-2,435.61
08/31/2014		Market Change-Aug 2014	1,488.36
09/30/2014		Market Change-Sep 2014	-1,487.31
10/31/2014		Market Change-Oct 2014	1,731.39
11/30/2014		Market Change-Nov 2014	1,358.71
12/31/2014		Market Change-Dec 2014	-968.43
01/31/2015		Market Change-Jan 2015	-1,010.73
02/28/2015		Market Change-Feb 2015	1,152.48
03/31/2015		Market Change-Mar 2015	-1,215.92
04/30/2015		Market Change-Apr 2015	611.89
05/31/2015		Market Change-May 2015	226.44
06/30/2015		Market Change-Jun 2015	-1,733.82
07/31/2015		Market Change-Jul 2015	843.49
08/31/2015		Market Change-Aug 2015	-3,836.09
09/30/2015		Market Change-Sep 2015	-1,819.63
10/31/2015		Market Change-Oct 2015	3,536.19
11/30/2015		Market Change-Nov 2015	327.84
12/31/2015		Market Change-Dec 2015	-3,185.62
01/31/2016		Market Change-Jan 2016	-4,119.27
02/29/2016		Market Change-Feb 2016	934.16
03/31/2016		Market Change-Mar 2016	6,012.14
04/30/2016		Market Change-Apr 2016	1,100.50
05/31/2016		Market Change-May 2016	59.42
06/30/2016		Market Change-Jun 2016	169.54
07/31/2016		Market Change-Jul 2016	2,473.82
08/31/2016		Market Change-Aug 2016	-449.93
09/30/2016		Market Change-Sep 2016	262.14
10/31/2016		Market Change-Oct 2016	-2,598.83
11/30/2016		Market Change-Nov 2016	1,697.33
12/31/2016		Market Change-Dec 2016	1,333.48
01/31/2017		Market Change-Jan 2017	2,104.58
02/28/2017		Market Change-Feb 2017	3,327.56
03/31/2017		Market Change-Mar 2017	659.61
04/30/2017		Market Change-Apr 2017	2,485.74
05/31/2017		Market Change-May 2017	1,408.90
06/30/2017		Market Change-Jun 2017	-1,162.41
07/31/2017		Market Change-Jul 2017	2,572.55
08/31/2017		Market Change-Aug 2017	16.13
09/30/2017		Market Change-Sep 2017	551.33
10/31/2017		Market Change-Oct 2017	2,365.91
11/30/2017		Market Change-Nov 2017	3,075.91
12/31/2017		Market Change-Dec 2017	1,008.45
01/31/2018		Market Change-Jan 2018	5,761.88
02/28/2018		Market Change-Feb 2018	-7,834.77
03/31/2018		Market Change-Mar 2018	-7,049.56
04/30/2018		Market Change-Apr 2018	61.75
Total Unrealized Gain/Loss-Securities			17,552.66
Total Investment Income			52,647.06

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Date	Name	Memo	Paid Amount
Total Income			532,897.06
Gross Profit			532,897.06
Expense			
Operational Expenses			
Investment Fees			
10/31/2011		Investment Fees-Oct 2011	17.07
12/31/2011		Investment Fees-Dec 2011	1.62
01/31/2012		Investment Fees-Jan 2012	41.99
02/29/2012		Investment Fees-Feb 2012	0.13
04/30/2012		Investment Fees-Apr 2012	109.38
07/31/2012		Investment Fees-Jul 2012	63.42
08/31/2012		Investment Fees-Aug 2012	0.48
10/31/2012		Investment Fees-Oct 2012	61.55
01/31/2013		Investment Fees-Jan 2013	131.85
02/28/2013		Investment Fees, Net Refu...	-40.46
04/30/2013		Investment Fees-Apr 2013	102.04
07/31/2013		Investment Fees-Jul 2013	103.15
10/31/2013		Investment Fees-Oct 2013	92.15
01/31/2014		Investment Fees-Jan 2014	93.63
04/30/2014		Investment Fees-Apr 2014	95.23
07/31/2014		Investment Fees-Jul 2014	118.14
10/31/2014		Investment Fees-Oct 2014	133.03
01/31/2015		Investment Fees-Jan 2015	139.61
04/30/2015		Investment Fees-Apr 2015	130.96
05/31/2015		Investment Fees-May 2015	-38.32
06/30/2015		Investment Fees-Jun 2015	42.39
07/31/2015		Investment Fees-Jul 2015	56.28
08/31/2015		Investment Fees-Aug 2015	46.68
09/30/2015		Investment Fees-Sep 2015	45.83
10/31/2015		Investment Fees-Oct 2015	45.21
11/30/2015		Investment Fees-Nov 2015	49.28
12/31/2015		Investment Fees-Dec 2015	64.37
01/31/2016		Investment Fees-Jan 2016	78.04
02/29/2016		Investment Fees-Feb 2016	76.32
03/31/2016		Investment Fees-Mar 2016	76.06
04/30/2016		Investment Fees-Apr 2016	79.75
04/30/2016		Foreign Div Tax-Apr 2016	9.89
05/31/2016		Investment Fees-May 2016	81.58
06/30/2016		Investment Fees-Jun 2016	80.45
07/31/2016		Investment Fees-Jul 2016	80.42
07/31/2016		Foreign Div Tax-Jul 2016	12.13
08/31/2016		Investment Fees-Aug 2016	82.52
09/30/2016		Investment Fees-Sep 2016	83.11
09/30/2016		Foreign Div Tax Adj-Sep 20...	-3.08
10/31/2016		Foreign Div Tax Adj-Oct 2016	8.90
10/31/2016		Investment Fees-Oct 2016	83.46
11/30/2016		Investment Fees-Nov 2016	82.09
12/31/2016		Investment Fees-Dec 2016	91.50
01/31/2017		Investment Fees-Jan 2017	98.76
01/31/2017		Foreign Div Tax-Jan 2017	10.16
02/28/2017		Investment Fees-Feb 2017	96.94
03/31/2017		Investment Fees-Mar 2017	98.12
04/30/2017		Investment Fees-Apr 2017	98.10
04/30/2017		Foreign Div Tax-Apr 2017	9.59
05/31/2017		Investment Fees-May 2017	97.23
06/30/2017		Investment Fees-Jun 2017	97.09
06/30/2017		Foreign Div Tax-Jun 2017	9.89
07/31/2017		Investment Fees-Jul 2017	96.82
08/31/2017		Investment Fees-Aug 2017	98.61
09/30/2017		Investment Fees-Sep 2017	89.15
10/31/2017		Investment Fees-Oct 2017	88.85
10/31/2017		Foreign Div Tax-Oct 2017	10.11
11/30/2017		Investment Fees-Nov 2017	87.20

Greater Round Rock Community Foundation, Inc.
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Date	Name	Memo	Paid Amount
12/31/2017		Investment Fees-Dec 2017	113.28
01/31/2018		Investment Fees-Jan 2018	101.60
01/31/2018		Foreign Div Tax-Jan 2018	11.93
02/28/2018		Investment Fees-Feb 2018	103.00
03/31/2018		Investment Fees-Mar 2018	98.86
04/30/2018		Investment Fees-Apr 2018	97.25
04/30/2018		Foreign Div Tax-Apr 2018	10.63
Total Investment Fees			4,333.00
Total Operational Expenses			4,333.00
Programs Expense			
Admin Fees			
09/30/2011	Greater Round Rock Co...	Admin Fee - Balance of ann...	41.67
10/31/2011	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-...	16.14
11/30/2011	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-...	30.88
12/31/2011	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-...	35.53
01/31/2012	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-J...	35.55
02/29/2012	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-F...	36.38
03/31/2012	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-...	37.00
04/30/2012	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-A...	36.97
05/31/2012	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-...	36.75
06/30/2012	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-J...	35.36
07/31/2012	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-J...	36.02
08/31/2012	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-A...	36.14
09/30/2012	Greater Round Rock Co...	Admin Fee - Balance of ann...	127.28
10/31/2012	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-...	36.70
11/30/2012	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-...	36.31
12/31/2012	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-...	42.12
01/31/2013	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-J...	58.71
02/28/2013	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-F...	60.32
03/31/2013	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-...	60.16
04/30/2013	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-A...	61.06
05/31/2013	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-...	61.32
06/30/2013	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-J...	61.51
07/31/2013	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-J...	60.55
08/31/2013	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-A...	62.21
09/30/2013	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-S...	60.95
10/31/2013	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-...	62.54
11/30/2013	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-...	63.95
12/31/2013	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-...	65.05
01/31/2014	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-J...	65.92
02/28/2014	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-F...	64.78
03/31/2014	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-...	66.07
04/30/2014	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-A...	66.28
05/31/2014	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-...	66.47
06/30/2014	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-J...	85.29
07/31/2014	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-J...	140.09
08/31/2014	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-A...	139.09
09/30/2014	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-S...	140.26
10/31/2014	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-...	138.98
11/30/2014	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-...	140.29
12/31/2014	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-...	141.51
01/31/2015	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-J...	140.98
02/28/2015	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-F...	139.99
03/31/2015	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-...	142.19
04/30/2015	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-A...	141.49
05/31/2015	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-...	141.87
06/30/2015	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-J...	142.03
07/31/2015	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-J...	140.56
08/31/2015	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-A...	141.28
09/30/2015	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-S...	137.95
10/31/2015	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-...	136.44
11/30/2015	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-...	139.88

Greater Round Rock Community Foundation, Inc.
Hutto Education Foundation
As of April 30, 2018

Date	Name	Memo	Paid Amount
12/31/2015	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-...	212.09
01/31/2016	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-J...	209.28
02/29/2016	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-F...	205.86
03/31/2016	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-...	204.32
04/30/2016	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-A...	209.28
05/31/2016	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-...	210.16
06/30/2016	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-J...	210.78
07/31/2016	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-J...	211.44
08/31/2016	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-A...	214.06
09/30/2016	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-S...	214.01
10/31/2016	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-...	214.21
11/30/2016	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-...	211.98
12/31/2016	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-...	251.37
01/31/2017	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-J...	291.47
02/28/2017	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-F...	293.79
03/31/2017	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-...	296.78
04/30/2017	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-A...	297.23
05/31/2017	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-...	299.18
06/30/2017	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-J...	300.27
07/31/2017	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-J...	299.55
08/31/2017	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-A...	301.62
09/30/2017	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-S...	302.11
10/31/2017	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-...	303.55
11/30/2017	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-...	306.45
12/31/2017	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-...	369.82
01/31/2018	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-J...	432.07
02/28/2018	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-F...	438.26
03/31/2018	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-...	431.48
04/30/2018	Greater Round Rock Co...	Admin Fee @ 1/12 of 1%-A...	429.73
Total Admin Fees			12,367.02
Total Programs Expense			12,367.02
Total Expense			16,700.02
Net Ordinary Income			516,197.04
Net Income			**516,197.04**

Hutto Education Foundation
Endowment Investment Policy

Preamble:

The investment policy for endowment funds should emphasize conservation of principal as the priority and preserving purchasing power as the second priority.

Section I: Purpose:

1. To specify assets allocation, including the distribution of assets among classes of securities such as bonds, cash equivalents and equities.

2. To formulate parameters of risk, such as bond ratings and measures of volatility for equities.

3. To establish investment guidelines/goals to be achieved.

4. To communicate these investment criteria to the Greater Round Rock Community Foundation (Trustee).

Section II: Investment Objectives for Total Funds:

1. The primary investment objective is to provide the needed funds for the distribution of The Hutto Education Foundation Endowment (Endowment) Scholarship Program.

2. The Foundation's goal is for the weighted average return of all funds to exceed the inflation rate (as defined by the Consumer Price Index) by 4%.

3. There is a preference for capital gains. Access to realized capital gains on principal is not considered a source for operating budget purposes but will be considered in computing weighted average investment return.

4. Guidelines and performance objectives will be developed individually for each trustee of funds. An Appendix of these guidelines will be attached as an integral part of this statement of Investment Policy for each trustee, as needed. Each appendix will be tailored to reflect the types of assets managed and the particular style of approach to ensure that the site manager adds value while fulfilling its defined role within the overall fund.

Section III: Asset Allocation:

1. **Asset Mix Guidelines:** It shall be the policy of the foundation to invest the assets in accordance with the maximum and minimum range for each asset category as stated below:

Asset Category	**Minimum**	**Maximum**
Common Stocks	30%	70%
Fixed Income (Bonds & CDs)	30%	70%
Short Term	0%	20%
Other Assets	0%	20%

   a. No holding shall exceed 10% of the value of the total fund except federal government notes, bills, bonds and agency issues. In general, individual holdings are not expected to exceed 5% of the total fund.
   b. Investment in banks and savings and loan institutions shall be federally insured and not exceed $250,000.00 in any single institution unless approved by the Board of Directors.
   c. The Asset Mix Policy and acceptable minimum and maximum ranges established by the Investment Committee represent a long-term view. Designated funds will not be included when determining asset mix ratios. As such, rapid and significant market movements may cause the Foundation's actual asset mix to fall outside the policy range, but any divergence should be of a short-term nature.

2. **Summary** This policy should be reviewed periodically and modifications made to reflect significant changes. The Foundation Board of Directors may approve exceptions to this policy by majority vote of Board members present at any legally called Board Meeting.
   a. The allocation of assets should be redistributed quarterly to ensure that we maintain compliance with the Asset Mix Guidelines. The HEF Endowment Committee will review the Quarterly Investment Report to determine redistribution.

Section IV: Communications:

1. The HEF Endowment Investment Committee shall provide reports to the Foundation Executive Committee on a quarterly basis and to the entire Board annually.
   Such reviews and reports shall consist of:
   - Quarterly portfolio valuations
   - A review of past investment performance and an evaluation of the current investment strategy
   - Information regarding major changes in investments policy that may result in major investment strategy changes

2. The Trustee is to have full investment discretion within the defined statement of objectives and policies. This recognizes that active investment management will involve reallocating funds among assets classes listed in Section III, Item No. 1, indicated above.

Section V: Portfolio Limitations

Portfolio Limitations (such a quality ratings, diversification, and selection criteria)

1. **Equities**: Equity securities shall mean common stocks or equivalents plus issues convertible into common stock and mutual funds whose funds are invested primarily in equity securities.
    b. Diversification: The equity portfolio should be well diversified to avoid undue exposure to any single economic sector, industry group, or individual security. Quality and Marketability: Common and convertible preferred stocks should be of good quality and listed on either the New York or American Stock Exchange or in the NASDAQ system with the requirement that such stocks have adequate market liquidity relative to the size of the investment.
    c. Concentration by Issuer: No more than 10% of the equity portfolio based on market value shall be invested in the securities of any one issuing corporation at the time of purchase.
    d. Concentration by Industry: No more than 20% of the equity portfolio based on market value should be invested in any one industry at the time of purchase.

2. **Fixed Income Investments**: Funds not invested in cash equivalents (securities maturing in one year or less) may be invested entirely in marketable debt securities issued by either the United States Government, or agencies of the United States government, domestic corporations, including industrials and utilities, and domestic banks and other United States financial institutions.
    a. Quality: Only fixed income securities will be a minimum of investment grade rated (BAA, A or better).

3. **Cash and Cash Equivalents**: Investments and deposits maturing in one year or less may be placed in FDIC insured bank accounts or short-term investment funds whose investments would qualify as acceptable fixed income investments under this policy.

4. **Other Investments**: Any other investments not specifically covered by this policy may only be made after unanimous vote of approval of the Board members present at any legally called Board meeting.

5. **Restricted Investments**: Categories of investments that are not eligible for investment include:

1. Short sales
2. Margin purchases or other use of lending or borrowing of money
3. Commodities
4. Direct loans or extension lines of credit to any interested party
5. Options or futures
6. C.M.O.s
7. Direct Participation Programs (DPPs)

Section VI: Implementation:

1. **Trustees:** The Executive Committee of the Foundation will be responsible for selecting all HEF Endowment Committee members. The HEF Endowment Committee will recommend selection in light of investment performance, market outlook, and changes in investment objectives at least annually. The Committee reserves the right to recommend changing the Trustee with Foundation Board Approval at any time.

2. **Performance Measurements:** The Executive Committee of the Foundation shall review the performance of the Trustee, relative to the objectives and guidelines described, at least annually as presented by the HEF Endowment Committee. The investment of performance review will include comparisons with unmanaged market indices, a broad universe of possible Trustees and the consumer Price Index. Such comparisons are to be prepared and submitted by the Trustee in a format previously approved by the Foundation Executive Committee.

3. **Meetings:** Each Trustee will meet with the HEF Endowment Committee at least annually to review the portfolio under management and investment results in the context of this Statement of Investment Policy.

4. **Review and Modification of the Investment Policy:** The Foundation Executive Committee shall review this Statement of Investment Policy as recommended by the HEF Endowment Committee at least once a year to determine if modifications are appropriate. Any modifications will promptly be communicated to the Trustee.

Hutto Education Foundation	**(Name of Trust Agency/Agent)**
_____	_____
(Signature)	(Signature)
_____	_____
(Print Name and Title)	(Print Name and Title
_____	_____
(Date)	(Date)

Hutto Education Foundation Endowment Presentation

Solid Waste Funding Policy Update and Fund Request for 2018-19

HEF is utilizing the funds received in Two Ways

1) HEF Endowment – held by the Greater Round Rock Community Foundation, Inc.

2) $3,500 used for the audit or review to keep us transparent and ensure we are using our funds properly.

Where the money goes…

Endowment

Our central goal for the use of the funds is the establishment of an endowment aimed at creating a fund for our students to attend 2-year, 4-year or a technical trade school. We have established that endowment and made progress with six years of deposits.

Endowment Fund Overview

Initial contribution	$20,000
11/2011	$22,500
12/2012	$26,250
06/2014 (double ask)	$87,000
10/2015	$86,500
10/2016	$91,500
12/2017	$146,500
Total contributions :	$480,250.00
Total Investment Income:	$51,592.20
Gross Profit:	$531,842.20
Total Program Expenses:	($16,162.41)
Net Income 3.31.18:	**$515,679.79**

History of HEF Requests & New Request

	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	**2018-19**
Request	$70,000	$75,000	$80,000	$85,000	$90,000	$95,000	$150,000	**$150,000**
HISD programming grants								
EAFK	$45000	----------	----------	----------	----------	----------		
EAFK & Success	----------	$45,000	$37,000	----------	----------	----------		
EAFK & Istation	----------	----------	----------	$35,000	----------	----------		
Endowment	$22,500	$26,250	$40,000	$47,000	$86,500	$91,500	$146,500	**$146,000**
Operations	$2,500	$3,750	$3,000	$3,000	$3,500	$3,500	$3,500	**$3,500**

With this grant funding, we will reach the Minimum Fund Balance of $500,000 stated in the Memorandum of Understanding, as well as begin to work toward growing the interest to use on scholarships for Hutto ISD Students!

HEF Endowment Fund Policies

- Updated MOU to ensure we are staying constant with the purpose of this agreement by looking forward and ensuring there are goals set in place for future growth.

- We have created the Hutto Education Foundation Endowment Investment Policies (attached) in order to maximize the investment of the money given to us by the Williamson County Commissioners' Court.

- We have created the Hutto Education Foundation Endowment Donor Policies to begin securing donations from other sources for scholarships and general Endowment Fund monies.

Conclusion

As we were $15,000 short of reaching the “Minimum Fund Balance” last year, HEF would like to keep the request at $150,000 one more year, in order to cover that threshold and prepare the Endowment Fund for 2019 scholarships for Hutto ISD Seniors.

Commissioners Court - Regular Session **26.**

Meeting Date: 06/19/2018

Discuss consider and take appropriate action on the Department of Infrastructure projects and issues update

Submitted For: Robert Daigh **Submitted By:** Kelly Murphy, Infrastructure

Department: Infrastructure

Agenda Category: Regular Agenda Items

Information

Agenda Item

Discuss, consider and take appropriate action on the Department of Infrastructure projects and issues update.

Background

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

No file(s) attached.

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Wendy Coco	05/24/2018 09:08 AM
Form Started By: Kelly Murphy		Started On: 05/23/2018 01:18 PM
Final Approval Date: 05/24/2018		

Commissioners Court - Regular Session **27.**

Meeting Date: 06/19/2018

Road Bond Construction Summary Report

Submitted By: Dawn Haggard, Road Bond

Department: Road Bond

Agenda Category: Regular Agenda Items

Information

Agenda Item

Receive and acknowledge the June 2018 Construction Summary Report for the Road Bond Program.

Background

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

June 2018 CSR

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Wendy Coco	06/14/2018 08:37 AM
Form Started By: Dawn Haggard		Started On: 06/11/2018 11:36 AM
Final Approval Date: 06/14/2018		

ROAD BOND PROGRAM

Construction Summary Report

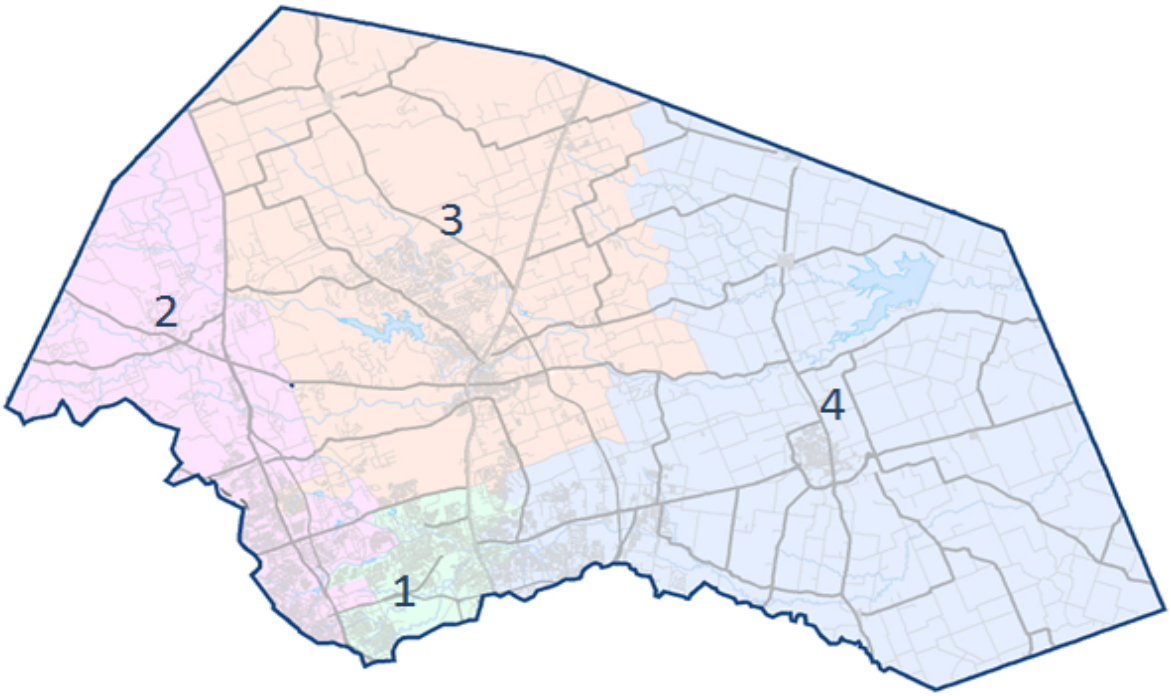
County Judge
Dan Gattis

Commissioners
Terry Cook
Cynthia Long
Valerie Covey
Larry Madsen

June 2018

WWW.ROADBOND.ORG

Volume XVII - Issue No.06



Presented By:

PRIME STRATEGIES, INC.

HNTB

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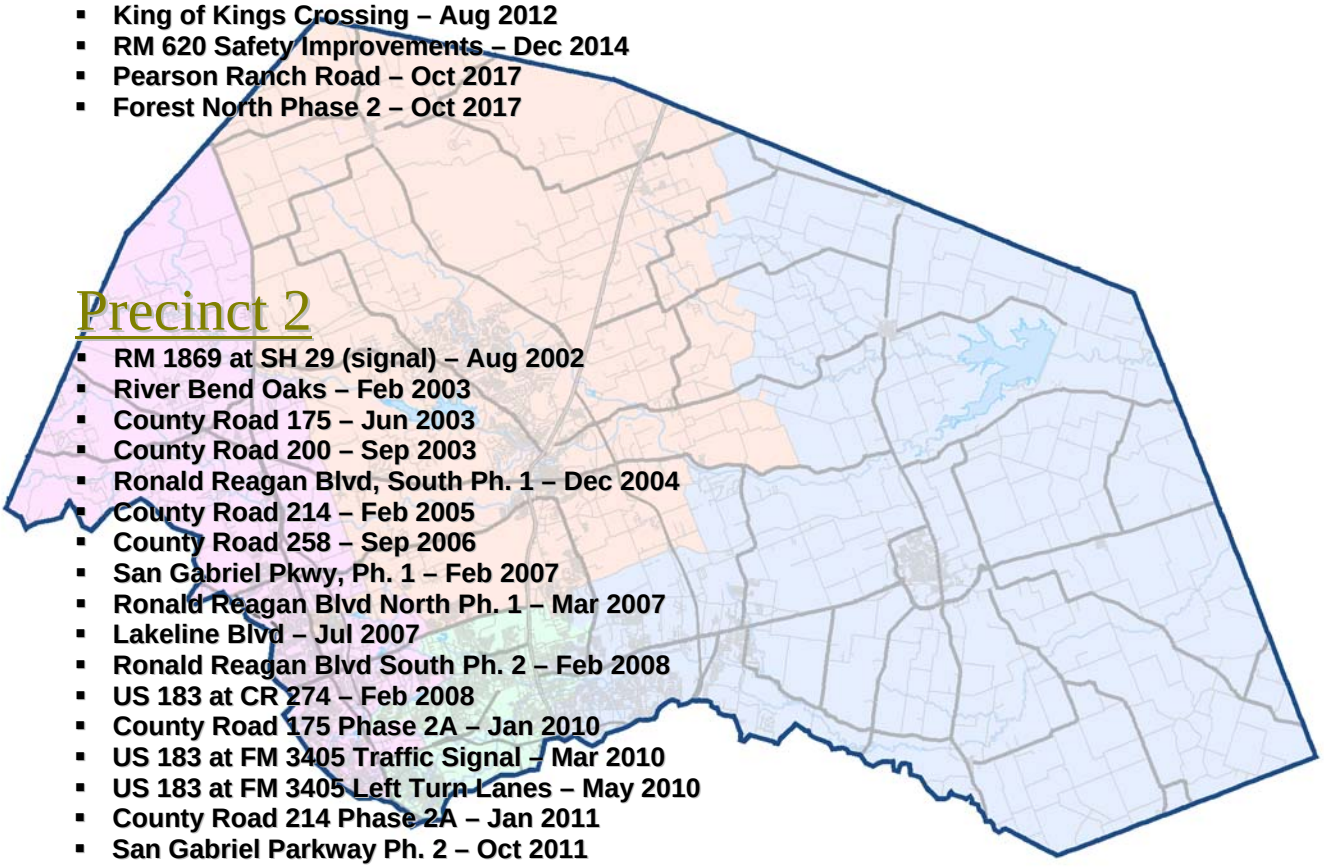
WILLIAMSON COUNTY
ROAD BOND PROGRAM

COMPLETED PROJECTS

CONSTRUCTION SUBSTANTIALLY COMPLETE/OPEN TO TRAFFIC - AS OF MAY 2018

Precinct 1

- **Pond Springs Road (signal) – Apr 2002**
- **McNeil Road, Phase 1 – Jan 2005**
- **McNeil Road, Phase 2 – Feb 2007**
- **RM 620, Phase 1 – Jan 2009**
- **Pond Springs Road – Sep 2010**
- **County Road 174 at Brushy Creek – Jun 2011**
- **O'Connor Drive Extension – Apr 2012**
- **King of Kings Crossing – Aug 2012**
- **RM 620 Safety Improvements – Dec 2014**
- **Pearson Ranch Road – Oct 2017**
- **Forest North Phase 2 – Oct 2017**



Precinct 2

- **RM 1869 at SH 29 (signal) – Aug 2002**
- **River Bend Oaks – Feb 2003**
- **County Road 175 – Jun 2003**
- **County Road 200 – Sep 2003**
- **Ronald Reagan Blvd, South Ph. 1 – Dec 2004**
- **County Road 214 – Feb 2005**
- **County Road 258 – Sep 2006**
- **San Gabriel Pkwy, Ph. 1 – Feb 2007**
- **Ronald Reagan Blvd North Ph. 1 – Mar 2007**
- **Lakeline Blvd – Jul 2007**
- **Ronald Reagan Blvd South Ph. 2 – Feb 2008**
- **US 183 at CR 274 – Feb 2008**
- **County Road 175 Phase 2A – Jan 2010**
- **US 183 at FM 3405 Traffic Signal – Mar 2010**
- **US 183 at FM 3405 Left Turn Lanes – May 2010**
- **County Road 214 Phase 2A – Jan 2011**
- **San Gabriel Parkway Ph. 2 – Oct 2011**
- **US 183 (PTF) – Apr 2012**
- **SH 29 TWLTL Liberty Hill – Dec 2012**
- **Hero Way – Feb 2013**
- **County Roads 260/266 – Apr 2013**
- **County Road 277 – Jul 2014**
- **Lakeline Blvd at US 183 – Nov 2014**
- **Lakeline Blvd Ph. 2 – Apr 2015**
- **County Road 258 – Jul 2017**

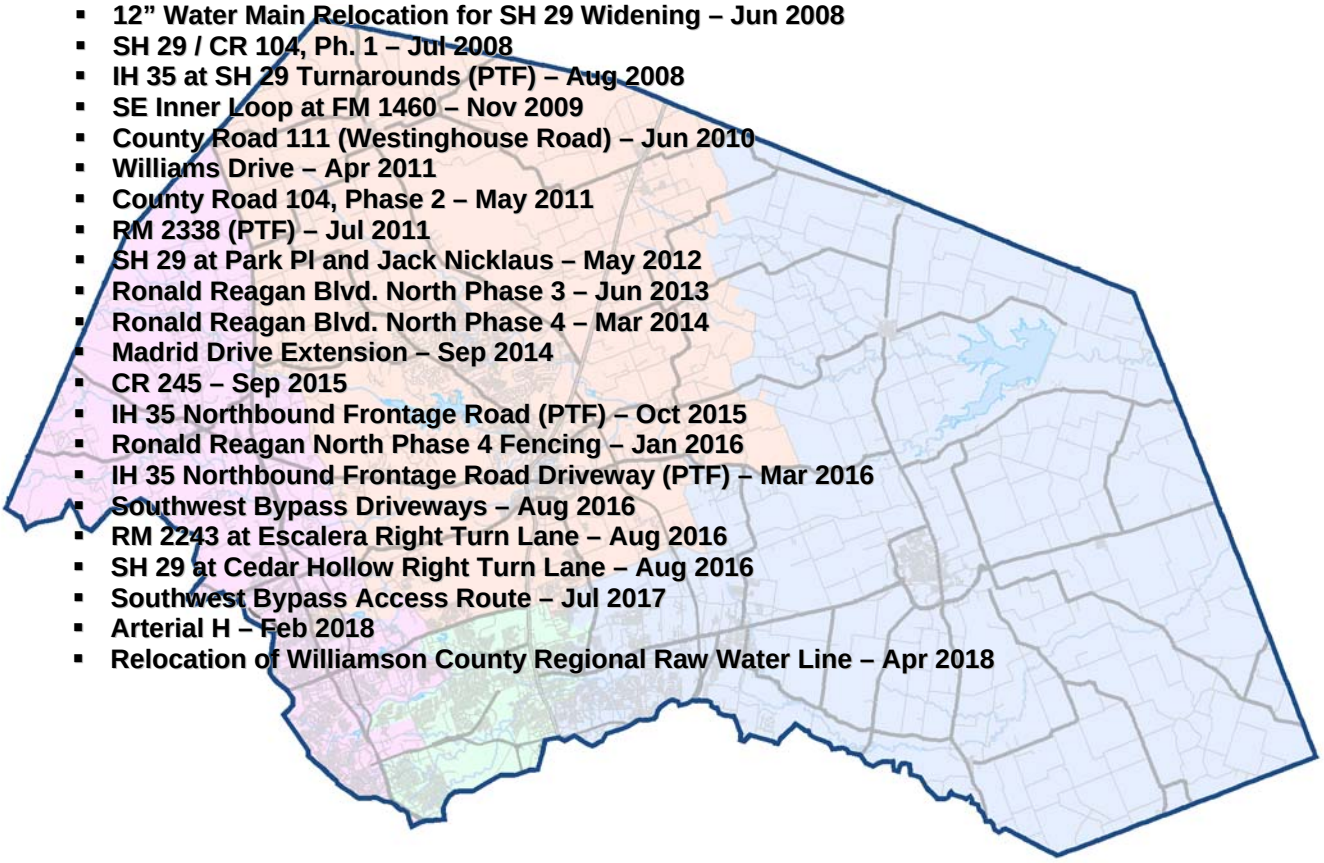
WILLIAMSON COUNTY
ROAD BOND PROGRAM

COMPLETED PROJECTS

CONSTRUCTION SUBSTANTIALLY COMPLETE/OPEN TO TRAFFIC - AS OF MAY 2018

Precinct 3

- **Cedar Hollow at SH 29 (signal) – Aug 2002**
- **Georgetown Inner Loop Project 2 – Aug 2003**
- **Georgetown Inner Loop Project 1 – Jun 2004**
- **Georgetown Inner Loop East Extension – Sep 2004**
- **County Road 152 Bridge Replacement – Sep 2004**
- **Inner Loop East (CR 151 to Bus 35) – Oct 2005**
- **Ronald Reagan Blvd North, Ph. 2 – May 2008**
- **12" Water Main Relocation for SH 29 Widening – Jun 2008**
- **SH 29 / CR 104, Ph. 1 – Jul 2008**
- **IH 35 at SH 29 Turnarounds (PTF) – Aug 2008**
- **SE Inner Loop at FM 1460 – Nov 2009**
- **County Road 111 (Westinghouse Road) – Jun 2010**
- **Williams Drive – Apr 2011**
- **County Road 104, Phase 2 – May 2011**
- **RM 2338 (PTF) – Jul 2011**
- **SH 29 at Park Pl and Jack Nicklaus – May 2012**
- **Ronald Reagan Blvd. North Phase 3 – Jun 2013**
- **Ronald Reagan Blvd. North Phase 4 – Mar 2014**
- **Madrid Drive Extension – Sep 2014**
- **CR 245 – Sep 2015**
- **IH 35 Northbound Frontage Road (PTF) – Oct 2015**
- **Ronald Reagan North Phase 4 Fencing – Jan 2016**
- **IH 35 Northbound Frontage Road Driveway (PTF) – Mar 2016**
- **Southwest Bypass Driveways – Aug 2016**
- **RM 2243 at Escalera Right Turn Lane – Aug 2016**
- **SH 29 at Cedar Hollow Right Turn Lane – Aug 2016**
- **Southwest Bypass Access Route – Jul 2017**
- **Arterial H – Feb 2018**
- **Relocation of Williamson County Regional Raw Water Line – Apr 2018**



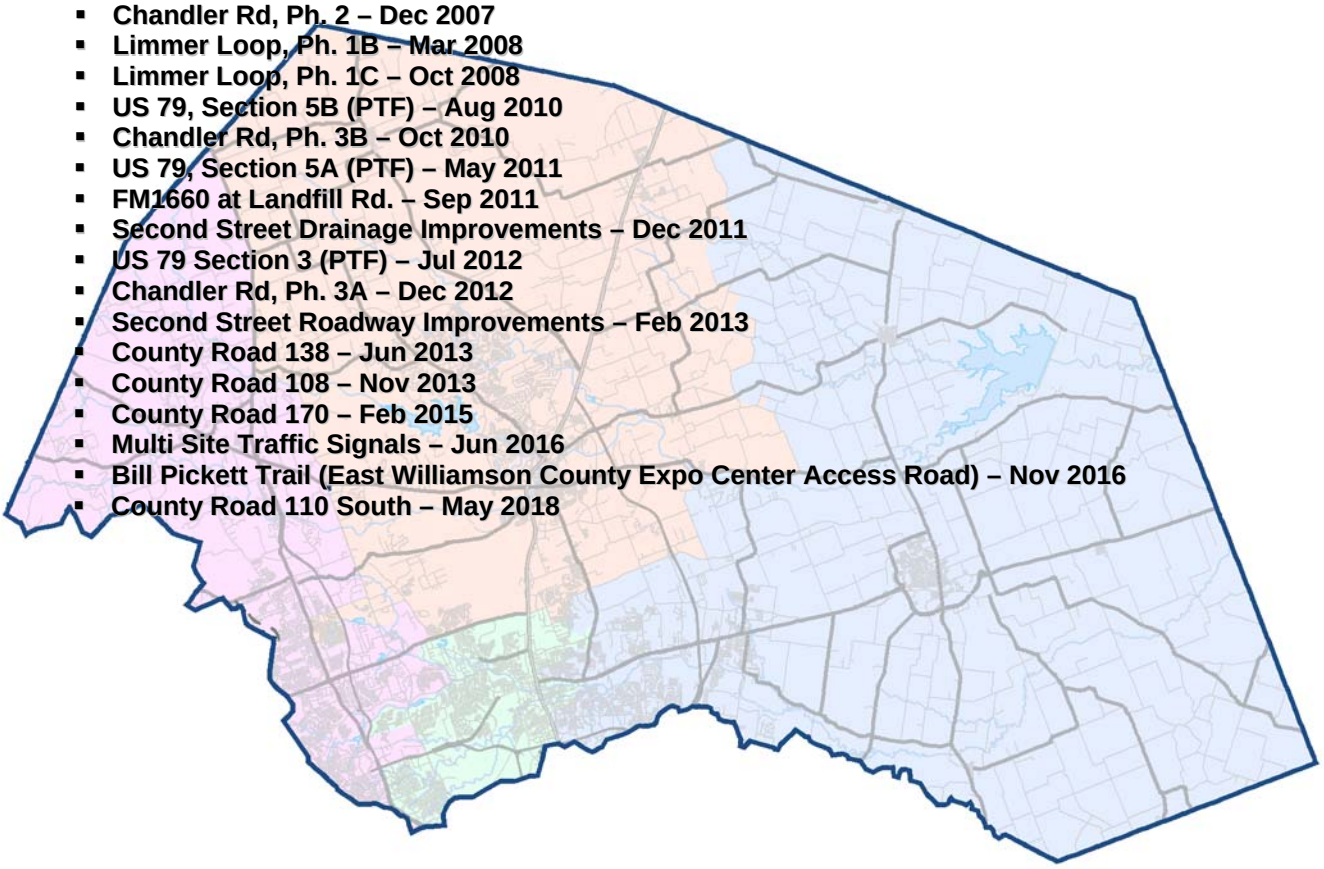
WILLIAMSON COUNTY
ROAD BOND PROGRAM

COMPLETED PROJECTS

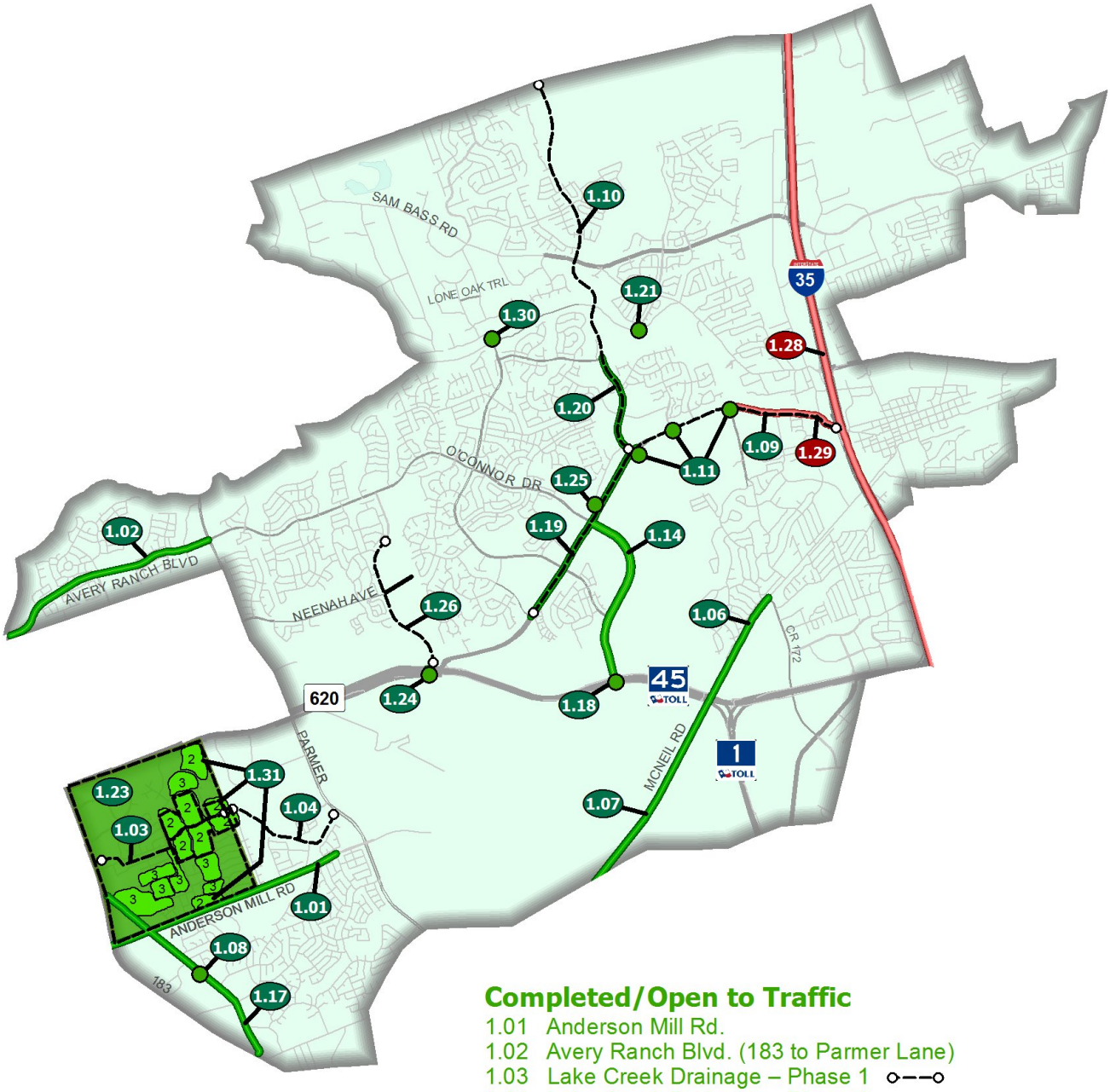
CONSTRUCTION SUBSTANTIALLY COMPLETE/OPEN TO TRAFFIC - AS OF MAY 2018

Precinct 4

- **Bridge Replacements (CR 390, 406 & 427) – Nov 2002**
- **County Road 368 and 369 – Nov 2002**
- **County Road 412 – Aug 2003**
- **County Road 300 and 301 – Dec 2003**
- **County Road 424 Bridge Replacement – Jan 2004**
- **Chandler Rd. Extension, Ph. 1 – Mar 2005**
- **County Road 112, Ph. 1 – Aug 2005**
- **County Road 137 – Oct 2005**
- **Limmer Loop, Ph. 1A – Jul 2006**
- **Chandler Rd, Ph. 2 – Dec 2007**
- **Limmer Loop, Ph. 1B – Mar 2008**
- **Limmer Loop, Ph. 1C – Oct 2008**
- **US 79, Section 5B (PTF) – Aug 2010**
- **Chandler Rd, Ph. 3B – Oct 2010**
- **US 79, Section 5A (PTF) – May 2011**
- **FM1660 at Landfill Rd. – Sep 2011**
- **Second Street Drainage Improvements – Dec 2011**
- **US 79 Section 3 (PTF) – Jul 2012**
- **Chandler Rd, Ph. 3A – Dec 2012**
- **Second Street Roadway Improvements – Feb 2013**
- **County Road 138 – Jun 2013**
- **County Road 108 – Nov 2013**
- **County Road 170 – Feb 2015**
- **Multi Site Traffic Signals – Jun 2016**
- **Bill Pickett Trail (East Williamson County Expo Center Access Road) – Nov 2016**
- **County Road 110 South – May 2018**



2006 Road Bond Program Projects
Precinct 1 - Commissioner Cook



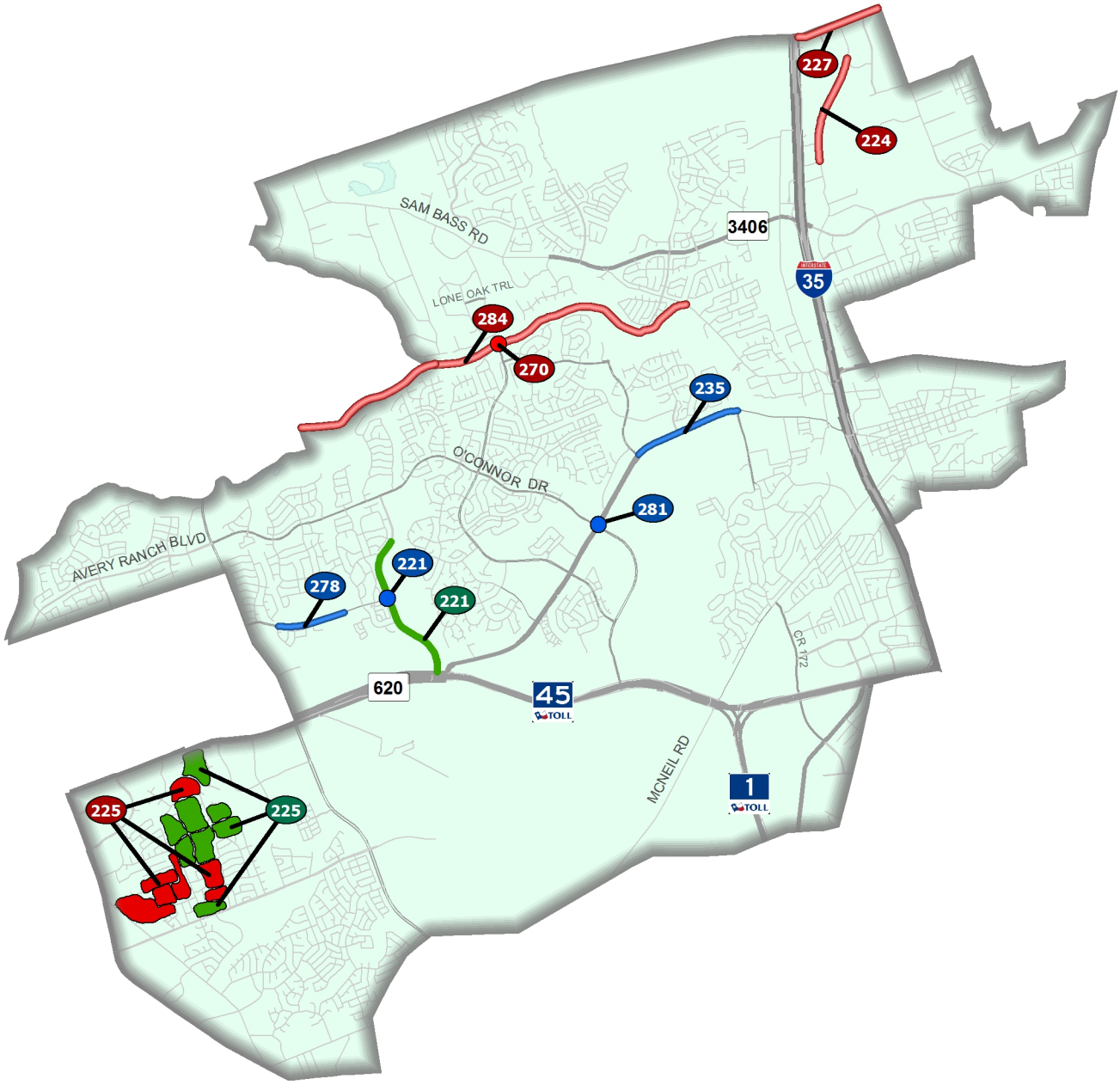
Completed/Open to Traffic

1.01 Anderson Mill Rd.
1.02 Avery Ranch Blvd. (183 to Parmer Lane)
1.03 Lake Creek Drainage – Phase 1
1.04 Lake Creek Drainage – Phase 2
1.06 McNeil Road - Phase 1
1.07 McNeil Road - Phase 2
1.08 Pond Springs at Turtle Rock Signal
1.09 RM 620 Feasibility Study
1.10 Wyoming Springs North Study
1.11 RM 620 Interim Improvements – Phase 1
1.14 O'Connor Extension
1.17 Pond Springs Road
1.18 O'Connor Overpass at SH 45
1.19 RM 620 (Cornerwood Dr. to Wyoming Springs)
1.20 Wyoming Springs (620 to Brightwater Blvd.)
1.21 CR 174 (Hairy Man Rd.) Bridge Rail Rehab
1.23 Forest North Drainage Study - Phase 1
1.25 King of Kings Crossing
1.26 Pearson Ranch Road (Design)
1.24 Pearson Ranch Underpass at SH 45/ RM 620
1.30 Great Oaks at Brushy Creek (design)
1.31 Forest North Drainage Improvements - Phase 2 (design)
1.31 Forest North Drainage Improvements - Phase 3 (design)

In Design

1.28 IH 35 Operational Analysis
1.29 RM 620 (IH 35 to Deep Wood Dr.)

2013 Road Bond Program Projects
Precinct 1 - Commissioner Cook



Completed/Open to Traffic

221 Pearson Ranch Road
225 Forest North Drainage Improvements - Phase 2

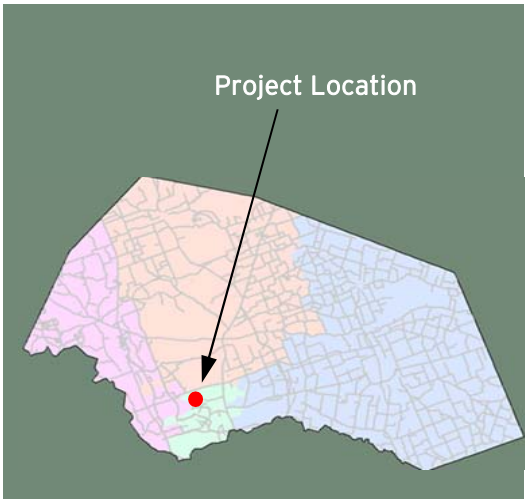
Under Construction/Bidding

221 Pearson Ranch Road (Signal)
235 RM 620 Phase 2 (Wyoming Springs to Deep Wood Drive)
278 Neenah Avenue Widening (Olive Hill Drive to end)
281 O'Connor Drive North of RM 620 (Traffic Signal)

In Design

224 North Mays Street Extension (La Paloma to Oakmont Dr.)
225 Forest North Drainage Improvements - Phase 3
227 University Blvd Widening (IH 35 to Sunrise Rd.)
270 Great Oaks at Brushy Creek
284 Hairy Man Rd/Brushy Creek Rd Safety Improvements (Arrowhead Trail to Sam Bass Road)





RM 620 Phase 2

(Wyoming Springs to Deep Wood Drive / O'Connor Drive North of RM 620)

Project Length: .9 Miles
Roadway Classification: Urban Principal Arterial

Project Schedule: January 2017-June 2018
Estimated Construction Cost: $6.2 Million



MAY 2018 IN REVIEW

5/4/2018: Cox Commercial Construction processed flexible base from the Hospital Entrance to Oakwoods. Subcontractor Greater Austin placed riprap in the median islands from Deep Wood to Oakwoods and formed and placed sidewalk from west of the Hospital Entrance to Walgreens.

5/11/2018: Backfill was placed in the median from Oaklands to Oakwoods. Subcontractor Austin Traffic Signal wired control boxes at Deep Wood and Oaklands.

5/18/2018: Flexible base was placed from the Hospital driveway to the west end. Subcontractor Austin Materials paved center median crossing west of to the end of the project.

5/25/2018: The medians at O'Conner were potholed for utilities. Subcontractor ESSI placed sod in the median from Deep Wood to Oakwoods. Greater Austin slipformed curb and gutter from Oakwoods to the west.

6/1/2018: Curb and gutter was removed on the O'Connor portion. Greater Austin placed riprap in the median islands from Oakwoods to the west. The concrete median driveway was placed at the Hospital Emergency Entrance.



Design Engineer: Halff Associates
Contractor: Cox Commercial Construction
Construction Observation: Clayton Weber, HNTB

Williamson County Road Bond Program

HNTB

PRIME STRATEGIES, INC.

RM 620 Safety Improvements (Wyoming Springs to Deep Wood)
Project No. 1608-108 Original Contract Price = $6,082,225.70

Letting	Award	Notice To Proceed	Begin Work	Substantially Complete	Work Accepted		Total Bid Days	Days Added	Total Days
9/28/2016	11/30/2016	1/3/2017	1/13/2017				425	30	455

Invoice Number	Beginning Date	Ending Date	Days Charged	Current Invoice	Invoice Total	% ($) Used	% Time Used
1	1/13/2017	1/31/2017	19	$459,169.50	$459,169.50	7	4
2	2/1/2017	2/28/2017	28	$280,194.00	$739,363.50	12	10
3	3/1/2017	3/31/2017	31	$389,047.00	$1,128,410.50	18	17
4	4/1/2017	4/30/2017	30	$516,962.84	$1,645,373.34	26	24
5	5/1/2017	5/31/2017	31	$285,725.66	$1,931,099.00	31	31
6	6/1/2017	6/30/2017	30	$313,267.57	$2,244,366.57	36	37
7	7/1/2017	7/31/2017	31	$274,834.20	$2,519,200.77	40	44
8	8/1/2017	8/31/2017	31	$285,281.13	$2,804,481.90	45	51
9	9/1/2017	9/30/2017	30	$368,485.34	$3,172,967.24	51	57
10	10/1/2017	10/31/2017	31	$299,932.60	$3,472,899.84	55	64
11	11/1/2017	11/30/2017	30	$234,228.72	$3,707,128.56	59	71
12	12/1/2017	12/31/2017	31	$154,371.19	$3,861,499.75	62	78
13	1/1/2018	1/31/2018	31	$349,918.70	$4,211,418.45	67	84
14	2/1/2018	2/28/2018	28	$331,786.31	$4,543,204.76	73	91
15	3/1/2018	3/31/2018	31	$171,318.93	$4,714,523.69	75	97
16	4/1/2018	4/30/2018	30	$203,885.15	$4,918,408.84	79	104
17	5/1/2018	5/31/2018	31	$335,106.74	$5,253,515.58	84	111

Change Order Number	Approved	Cost This CO	Total COs
01	10/3/2017	7,495.80	7,495.80

2E: Differing Site Conditions (unforeseeable). Miscellaneous difference in site conditions (unforeseeable). This change order adds revisions to the drainage system along Oaklands Drive, and the west end connection to the existing box culvert. 3H: County Convenience. Cost savings opportunity discovered during construction. This Change Order changed the full depth reconstruction on the east end of the project to level up with hot mix on the existing pavement which eliminated traffic control phases that results in a cost savings for the County.

Change Order Number	Approved	Cost This CO	Total COs
02	1/30/2018	49,456.20	56,952.00

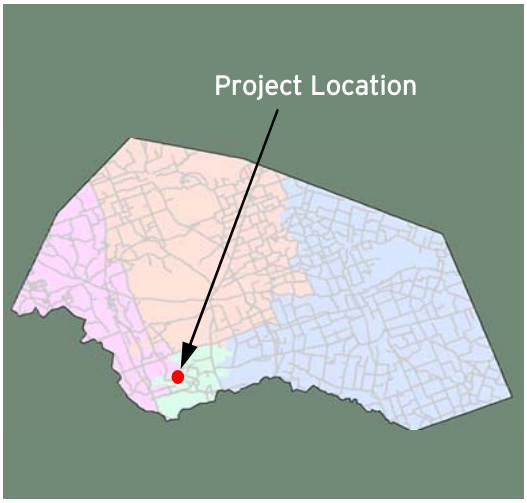
2E: Differing Site Conditions (unforeseeable). Miscellaneous difference in site conditions (unforeseeable). This Change Order revises the drainage inlets along Oaklands Drive. 3E: County Convenience. Reduction of future maintenance. This Change Order revises the signal conduits and controller cabinet at Oaklands Drive and RM 620.

Change Order Number	Approved	Cost This CO	Total COs
03	5/25/2018	118,664.23	175,616.23

3F: County Convenience. Additional work desired by the County. This Change Order adds modifications to the left turn lane median turn bay on O'Connor Drive, north of RM 620. This is considered a major change order because it changes the project limits. This work was requsted by the County.

Adjusted Price = $6,257,841.93





Neenah Avenue Widening
(Olive Drive to the end of the road)

Project Length: .56 miles
Roadway Classification: Minor Arterial

Project Schedule: February 2018 - January 2019
Estimated Construction Cost: $2.5 Million



MAY 2018 IN REVIEW



5/4/2018: Smith Contracting continued forming and pouring the shared use path (SUP) in various locations for Phase 1 and excavating Swale A between St. Vincent's two driveways.

5/11/2018: The SUP and ramps continued to be formed and poured in various locations for Phase 1. Swale A continued to be excavated between St. Vincent's two driveways and clearing and grubbing trees began for phase III work.

5/18/2018: The SUP continued to be formed and poured in various locations for Phase 1 and 3 and continued clearing ROW for Phase 3.

5/25/2018: Existing sidewalk was removed for Phase 3 work. Backfilling began against the SUP at the west end and excavation for the proposed SUP between the Church and Holy Family School. Shaping Swale A resumed in front of the Church.

6/1/2018: The SUP continued to be formed and poured in various locations for Phase 3. Backfilling continued against the existing SUP and excavation continued for the additional SUP between the Church and Holy Family School. The AT&T subcontractor began relocating line in conflict in front of Church.

Design Engineer: Stantec Consulting
Contractor: Smith Contracting
Construction Observation:
Ryan Rivera, HNTB

Williamson County
Road Bond Program

HNTB

PRIME STRATEGIES, INC.

Neenah Avenue Widening (Olive Drive to end of road)
Project No. 1710-194

Original Contract Price = $2,529,398.54

Letting	Award	Notice To Proceed	Begin Work	Substantial Completion	Work Accepted		Total Bid Days	Days Added	Total Days
10/17/2017	12/6/2017	1/26/2018	2/5/2018				350	0	350

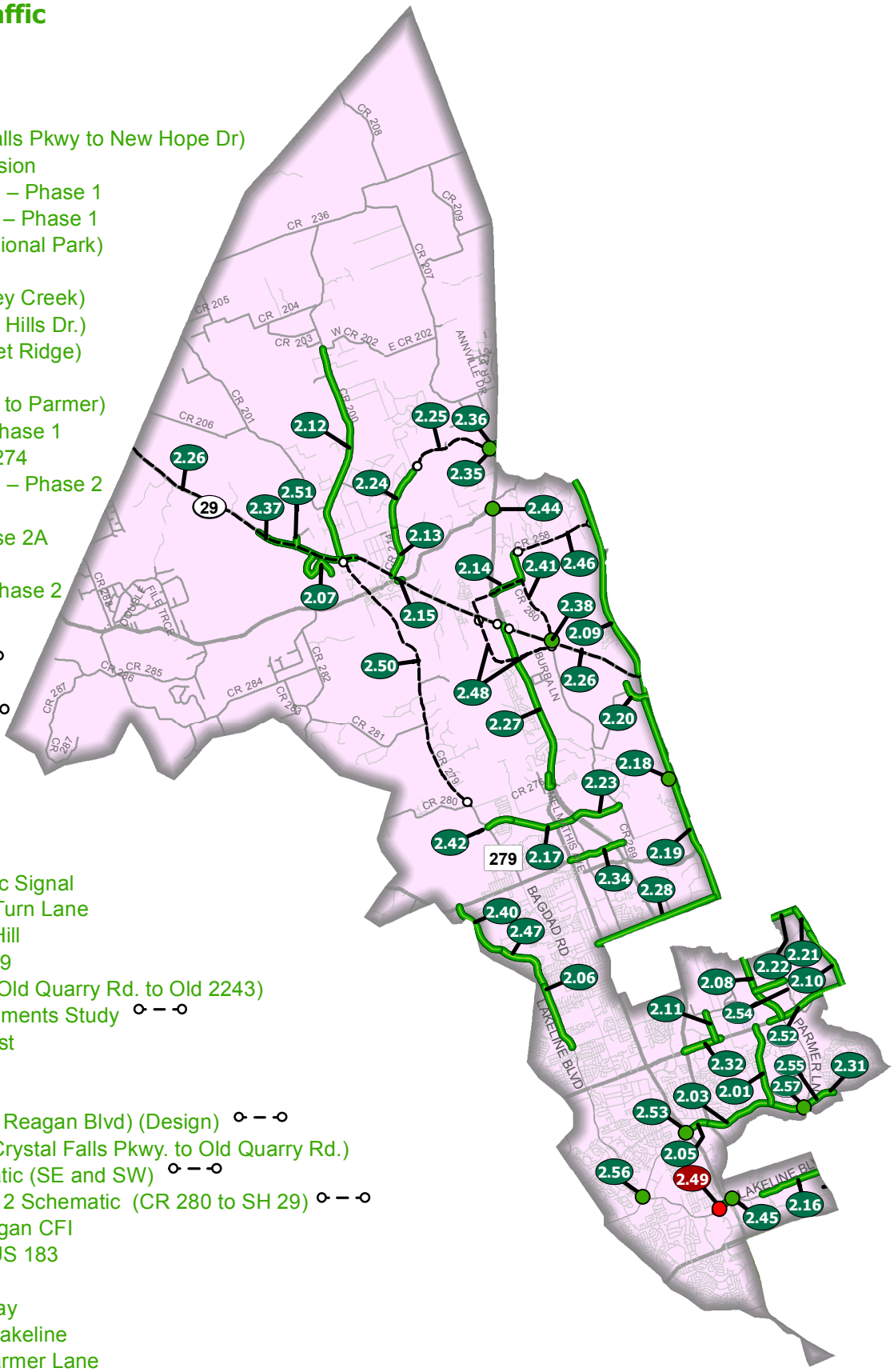
Invoice Number	Beginning Date	Ending Date	Days Charged	Current Invoice	Invoice Total	Current Retainage	Total Retainage	% ($) Used	% Time Used
1	2/5/2018	2/23/2018	19	$125,365.50	$125,365.50	$13,929.50	$13,929.50	5.5	5
2	2/24/2018	3/23/2018	28	$150,775.20	$276,140.70	$16,752.80	$30,682.30	12.1	13
3	3/24/2018	4/25/2018	33	$191,501.10	$467,641.80	$21,277.90	$51,960.20	20.5	23
4	4/26/2018	5/25/2018	30	$161,682.75	$629,324.55	$17,964.75	$69,924.95	27.6	31

Adjusted Price = $2,529,398.54

2006 Road Bond Program Projects
Precinct 2 - Commissioner Long

Completed/Open to Traffic

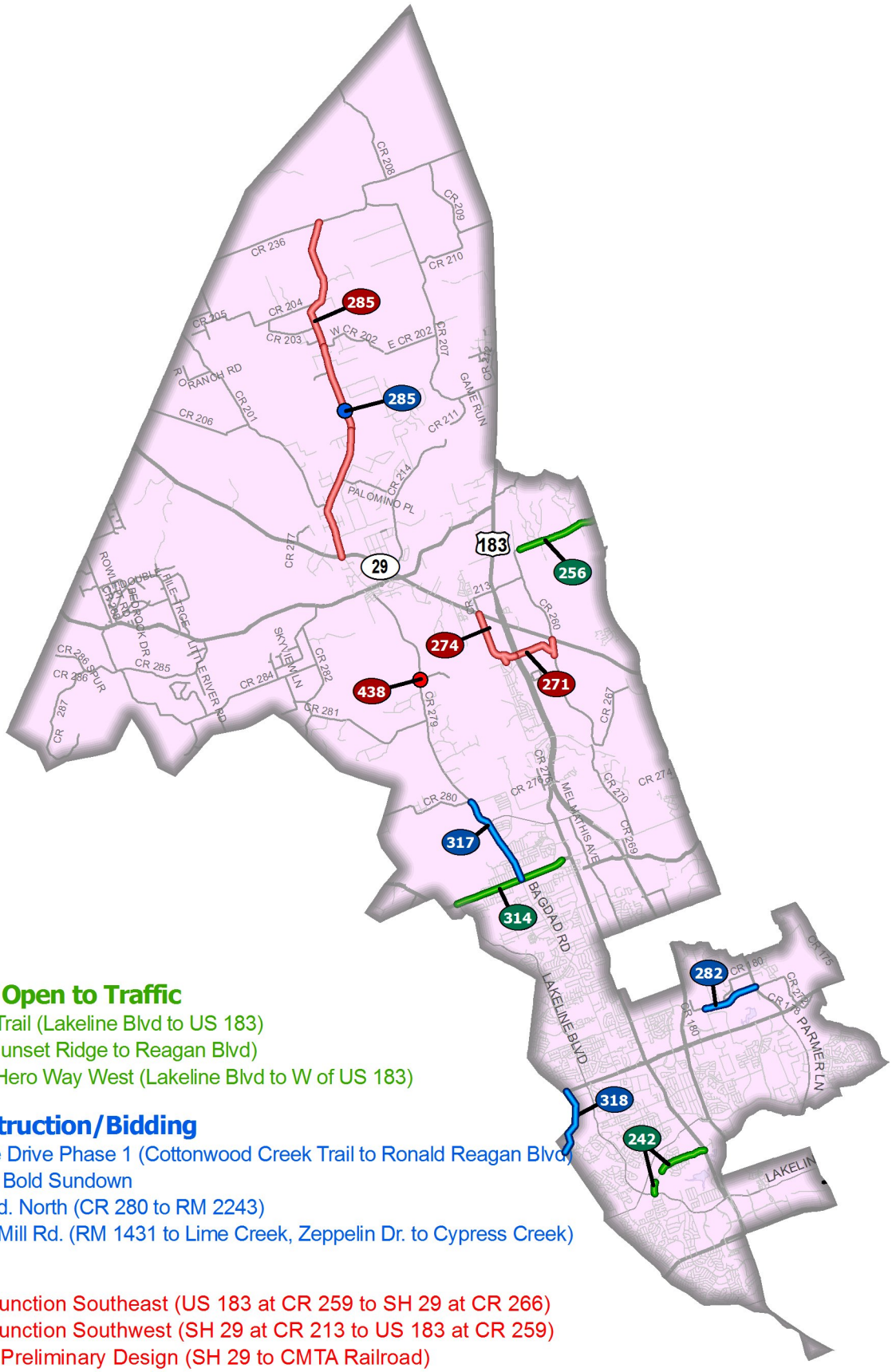
2.01 Vista Ridge Blvd.
2.03 Brushy Creek Road
2.05 Cypress Creek Road
2.06 Lakeline Blvd. (Crystal Falls Pkwy to New Hope Dr)
2.07 River Bend Oaks Subdivision
2.08 Ronald W. Reagan South – Phase 1
2.09 Ronald W. Reagan North – Phase 1
2.10 CR 175 (RM 1431 to Regional Park)
2.11 CR 185
2.12 CR 200 (CR 201 to Lackey Creek)
2.13 CR 214 (SH 29 to Rolling Hills Dr.)
2.14 CR 258 (US 183 to Sunset Ridge)
2.15 RM 1869 at SH 29
2.16 Lakeline Blvd. (Lyndhurst to Parmer)
2.17 San Gabriel Parkway – Phase 1
2.18 US 183 Widening at CR 274
2.19 Ronald W. Reagan South – Phase 2
2.20 Kauffman Loop
2.21 CR 175 Extension – Phase 2A
2.22 CR 179
2.23 San Gabriel Parkway – Phase 2
2.24 CR 214 – Phase 2A
2.25 CR 214 – Phase 2B Schematic
2.26 SH 29 Improvements Study & Schematic
2.27 US 183 (PTF)
2.28 CR 272
2.31 Brushy Creek Road
2.32 RM 1431
2.34 Hero Way
2.35 US 183 at FM 3405 Traffic Signal
2.36 US 183 at FM 3405 Left Turn Lane
2.37 SH 29 TWLTL in Liberty Hill
2.38 CR 260 / CR 266 at SH 29
2.40 Lakeline Blvd. Phase 2 (Old Quarry Rd. to Old 2243)
2.41 Seward Junction Improvements Study
2.42 San Gabriel Parkway West
2.44 US 183 at RM 1869
2.45 Lakeline Blvd. at US 183
2.46 CR 258 (Sunset Ridge to Reagan Blvd) (Design)
2.47 Lakeline Blvd. Phase 3 (Crystal Falls Pkwy. to Old Quarry Rd.)
2.48 Seward Junction Schematic (SE and SW)
2.50 Bagdad Rd. North Phase 2 Schematic (CR 280 to SH 29)
2.52 RM 1431 at Parmer/ Reagan CFI
2.53 Cypress Creek Road at US 183
2.54 CR 272 Overlay
2.55 Brushy Creek East Overlay
2.56 Cypress Creek Road at Lakeline
2.57 Brushy Creek Road at Parmer Lane



In Design

2.49 Lakeline Blvd. Right Turn Lanes

2013 Road Bond Program Projects
Precinct 2 - Commissioner Long



Completed/Open to Traffic

242 Little Elm Trail (Lakeline Blvd to US 183)
256 CR 258 (Sunset Ridge to Reagan Blvd)
314 Old 2243/Hero Way West (Lakeline Blvd to W of US 183)

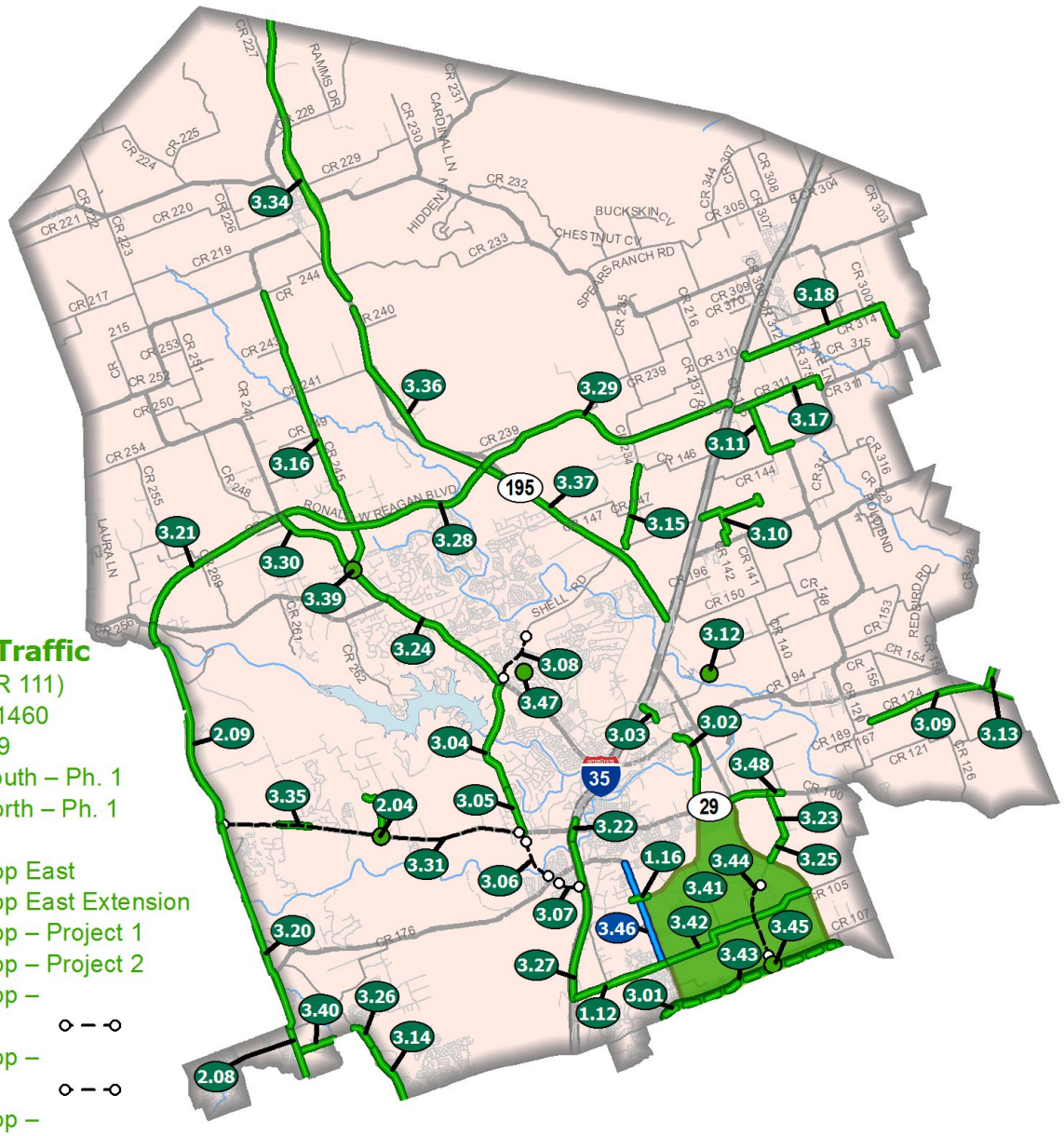
Under Construction/Bidding

282 New Hope Drive Phase 1 (Cottonwood Creek Trail to Ronald Reagan Blvd)
285 CR 200 at Bold Sundown
317 Bagdad Rd. North (CR 280 to RM 2243)
318 Anderson Mill Rd. (RM 1431 to Lime Creek, Zeppelin Dr. to Cypress Creek)

In Design

271 Seward Junction Southeast (US 183 at CR 259 to SH 29 at CR 266)
274 Seward Junction Southwest (SH 29 at CR 213 to US 183 at CR 259)
285 CR 200 - Preliminary Design (SH 29 to CMTA Railroad)
285 CR 200 - Preliminary Design (CMTA Railroad to Stagecoach)
438 Bagdad Road at CR 278

2006 Road Bond Program Projects
Precinct 3 - Commissioner Covey



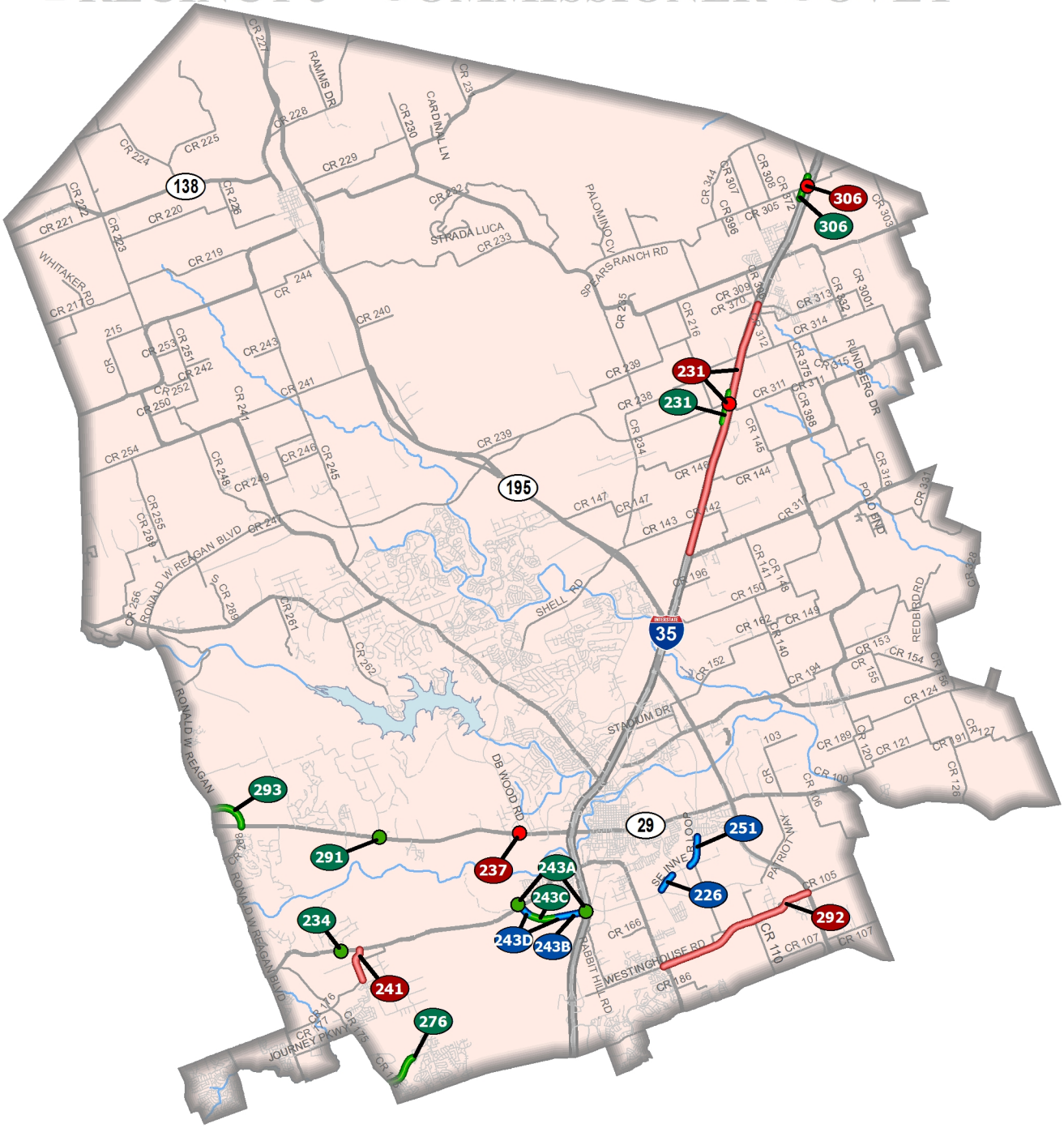
Completed/Open to Traffic

1.12 Westinghouse Rd. (CR 111)
1.16 SE Inner Loop at FM 1460
2.04 Cedar Hollow at SH 29
2.08 Ronald W. Reagan South – Ph. 1
2.09 Ronald W. Reagan North – Ph. 1
3.01 FM 1460 to CR 110
3.02 Georgetown Inner Loop East
3.03 Georgetown Inner Loop East Extension
3.04 Georgetown Inner Loop – Project 1
3.05 Georgetown Inner Loop – Project 2
3.06 Georgetown Inner Loop – Project 3 Study ○ – ○
3.07 Georgetown Inner Loop – Project 4 Study ○ – ○
3.08 Georgetown Inner Loop – Project 5 Study ○ – ○
3.09 CR 124
3.10 CR 142
3.11 CR 145
3.12 CR 152 Bridge Replacement
3.13 CR 157
3.14 CR 175
3.15 CR 234
3.16 CR 245
3.17 CR 311
3.18 CR 314
3.20 Ronald W. Reagan South - Phase 2
3.21 Ronald W. Reagan North - Phase 2
3.22 IH-35 at SH 29 Turnarounds (PTF)
3.48 SH 29 Widening - 12" Water Main Relocation
3.23 SH 29/CR 104 – Phase 1
3.24 Williams Drive (RM 2338)
3.25 CR 104 – Phase 2
3.26 CR 175 Extension - Phase 2A
3.27 IH 35 Northbound Frontage Rd. and Ramps
3.28 Ronald W. Reagan North - Phase 3
3.29 Ronald W. Reagan North - Phase 4
3.30 RM 2338 (PTF)
3.31 SH 29 Improvements Study & Schematic ○ – ○
3.34 SH 195 Project 1
3.35 SH 29 at Park Place Dr. & Jack Nicklaus Blvd.
3.36 SH 195 Project 2
3.37 SH 195 Project 3
3.39 CR 245 Realignment
3.40 CR 179
3.41 CR 110 / Arterial A Study (design)
3.42 CR 111 / CR 105 Westinghouse Rd. (FM 1460 to SH 130) (design)
3.43 University Blvd. (Chandler Rd) Expansion (Design)
3.44 CR 110 North ○ – ○ (North of CR 107 to North of Sam Houston) (Design)
3.45 CR 110 Middle (North of Limmer Loop to CR 107)
3.47 Madrid Drive Extension

Under Construction/Bidding

3.46 FM 1460 North

2013 Road Bond Program Projects
Precinct 3 - Commissioner Covey



In Design

231 Ronald Reagan at IH 35 (Bridge Replacement)
231 IH 35 Ramp Reversal and Frontage Road Conversion (FM 972 to CR 312)
237 DB Wood At SH 29
241 CR 176 at RM 2243 (Safety Improvements)
292 CR 111 / CR 105 Westinghouse Rd.(FM 1460 to SH 130)
306 CR 305 At IH 35 - Design (Bridge Replacement)

Under Construction/Bidding

226 Inner Loop Safety Improvements (Rockride Lane to Wilco Way)
243b Southwest Bypass Segment 1
243d Southwest Bypass Segment 2
251 Inner Loop Safety Improvements (Belmont Drive to Rockride Lane)

Completed/ Open to Traffic

231 Relocation of 48" Williamson County Regional Raw Waterline - Line B
234 RM 2243 At Escalera Parkway
243a Southwest Bypass Driveways
243c Southwest Bypass Access Route
276 Arterial H Extension Phase 1 (CR 175 to Massey Way)
291 SH 29 At Cedar Hollow
293 Kauffman Loop Phase 1 (NE quadrant of Reagan at SH 29)
306 Relocation of 48" Williamson County Regional Raw Waterline - Line A

Arterial H Phase 1 (Sam Bass Rd to existing Arterial H)
Project No. 1603-064

Original Contract Price = $3,210,934.80

Letting	Award	Notice To Proceed	Begin Work	Substantial Completion	Work Accepted	Total Bid Days	Days Added	Total Days
4/20/2016	5/16/2016	2/17/2017 (Limited) 5/26/2017	6/5/2017	2/28/2018		150	120	270

Invoice Number	Beginning Date	Ending Date	Days Charged	Current Invoice	Invoice Total	Current Retainage	Total Retainage	% ($) Used	% Time Used
1	6/1/2016	6/30/2016	0	$134,198.10	$134,198.10	$14,910.90	$14,910.90	4	0
2	7/1/2016	7/31/2016	0	$182,746.89	$316,944.99	$20,305.21	$35,216.11	10	0
3	8/1/2016	8/31/2016	0	$93,893.40	$410,838.39	$10,432.60	$45,648.71	13	0
4	9/1/2016	9/30/2016	0	$206,817.21	$617,655.60	$22,979.69	$68,628.40	20	0
5	6/4/2017	6/30/2017	27	$47,340.00	$664,995.60	$5,260.00	$73,888.40	21	10
6	7/1/2017	8/31/2017	62	$587,022.75	$1,252,018.35	$65,224.75	$139,113.15	40	33
7	9/1/2017	9/30/2017	30	$320,055.75	$1,572,074.10	$35,561.75	$174,674.90	50	44
8	10/1/2017	10/31/2017	31	$158,107.95	$1,730,182.05	$17,567.55	$192,242.45	55	56
9	11/1/2017	11/30/2017	30	$140,265.17	$1,870,447.22	$15,585.02	$207,827.47	60	67
10	12/1/2017	12/31/2017	31	$186,341.94	$2,056,789.16	$20,704.66	$228,532.13	66	78
11	1/1/2018	1/31/2018	31	$412,576.91	$2,469,366.07	$45,841.88	$274,374.01	79	90
12	2/1/2018	2/28/2018	28	$600,971.37	$3,070,337.44	-$211,714.06	$62,659.95	90	100
13	3/1/2018	5/31/2018	0	$62,161.90	$3,132,499.34	$1,268.61	$63,928.56	92	100

6/1/2018 Comments - The Contractor is working on punch list items.

Change Order Number	Approved	Cost This CO	Total COs
01	8/29/2017	132,771.00	132,771.00

4C: Third Party Accommodation. Compliance requirements of new laws and/or policies (impacting third party). Project delayed, due to TCEQ approval process for Water Quality pond design changes. 2C: Differing Site Conditions (unforeseeable). New development (conditions changing after PS&E completed). Design changes were necessary, due to unknown elevation of existing water table

Change Order Number	Approved	Cost This CO	Total COs
02	1/23/2018	58,143.87	190,914.87

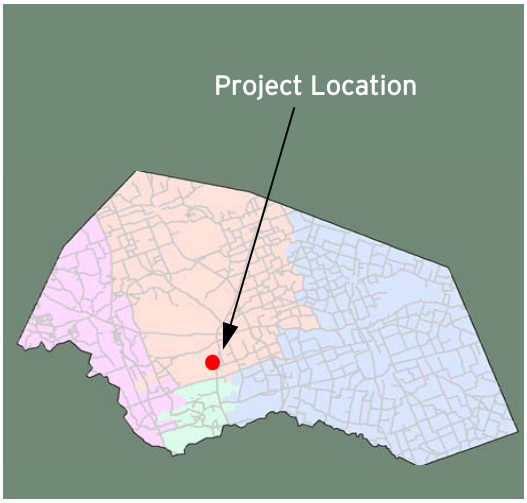
3E. County Convenience. Reduction of future maintenance. This change order adds soil retention blanket to the contract to prevent erosion and to establish vegetation on the slopes and along the roadway. 1B. Design Error or Omission. This change order also adds items to the contract for work shown in the plans but not included in the summary of items and quantities. 2E: Differing Site Conditions. (unforeseeable) Miscellaneous difference in site conditions (unforeseeable)(Item 9). This Change Order deletes lime treated subgrade items due to the quality of the material encountered at subgrade elevation.

Change Order Number	Approved	Cost This CO	Total COs
03	5/8/2018	63,231.96	254,146.83

1B: Design Error or Omission. Other. This Change Order corrects errors in the plan quantity for excavation, flex base, hot mix and pavement markings and adds the construction of a side street tie-in (Tavarez Drive). 2E: Differing Site Conditions (unforeseeable). Miscellaneous difference in site conditions (unforeseeable)(Item 9). This change order also adds excavation of undesirable material and embankment to replace it with quality material at subgrade prior to placement of the flex base. 3F: County Convenience. Additional work desired by the County: Small signs were added to improve safety and rock berms were added to minimize erosion on the project.

Adjusted Price = $3,465,081.63





Southwest Bypass Segment 1
(IH 35 Southbound to .5 miles west)

Project Length: .5 Mile
Roadway Classification: Collector

Project Schedule: August 2017 - August 2018
Estimated Construction Cost: $5.7 Million



MAY 2018 IN REVIEW

5/4/2018: Jordan Foster placed concrete for the Bent 2 Cap and the backwall at Abutment 9. Subcontractor Texas Highway Walls continued to set panels, gravel, and straps on Retaining Wall 2, 3, and 4.

5/11/2018: Concrete was placed for Abutment 1. Embankment was placed between Retaining Walls 2 and 3. Forming for the flume at Retaining Wall 1 began. Level-up and coping have been set on Retaining Wall 2, 3, and 4.

5/18/2018: Concrete was placed for the Abutment 1 backwall. Forming and placing concrete for the moment slab along Retaining Walls 2 and 3 began.

5/25/2018: Subgrade was fine graded from the west end of the project to west of Retaining Wall 2. Subcontractor Texas Highway Walls completed the coping and moment slab on Retaining Walls 2 and 3. Steel was formed and tied for the cast-in-place (CIP) coping on Retaining Walls 2 and 4.

6/1/2018: Flexible base was processed between the west end and Abutment 9. The concrete riprap was formed and placed at Abutments 1 and 9. Texas Highway Walls placed CIP coping on Retaining Walls 2 and 4. The moment slab was placed at drop inlets P5 and P6 on Retaining Wall 2.



Design Engineer: HDR Engineering
Contractor: Jordan Foster Construction
Construction Observation:
Pat De Los Santos, HNTB

Williamson County
Road Bond Program

HNTB

PRIME STRATEGIES, INC.

Southwest Bypass Segment 1 (southbound IH 35 to .5 miles west)
2017-0065-CIP

Original Contract Price = $5,599,200.86

Letting	Award	Notice To Proceed	Begin Work	Substantial Completion	Work Accepted		Total Bid Days	Days Added	Total Days
6/27/2017	7/26/2017	8/21/2017	8/21/2017				337	0	337

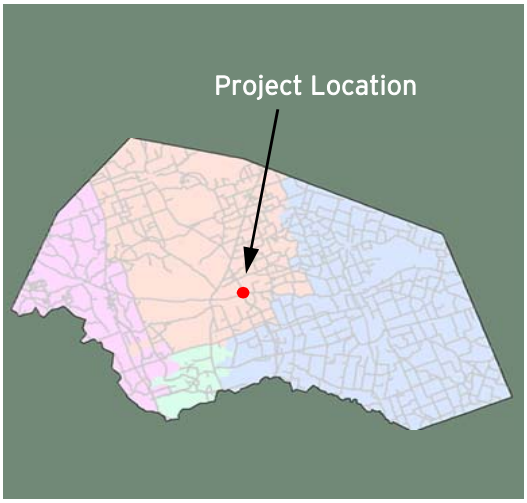
Invoice Number	Beginning Date	Ending Date	Days Charged	Current Invoice	Invoice Total	Current Retainage	Total Retainage	% ($) Used	% Time Used
1	8/21/2017	9/30/2017	41	$481,587.30	$481,587.30	$25,346.70	$25,346.70	9	12
2	10/1/2017	10/31/2017	31	$458,144.63	$939,731.93	$24,112.88	$49,459.58	17	21
3	11/1/2017	11/30/2017	30	$165,940.58	$1,105,672.51	$8,733.71	$58,193.29	20	30
4	12/1/2017	12/31/2017	31	$175,800.58	$1,281,473.09	$9,252.66	$67,445.95	24	39
5	1/1/2018	1/31/2018	31	$568,442.13	$1,849,915.22	$29,918.01	$97,363.96	34	49
6	2/1/2018	2/28/2018	28	$282,226.98	$2,132,142.20	$14,854.05	$112,218.01	39	57
7	3/1/2018	3/31/2018	31	$696,205.12	$2,828,347.32	$36,642.70	$148,860.71	52	66
8	4/1/2018	4/30/2018	30	$424,409.91	$3,252,757.23	$22,337.04	$171,197.75	60	75
9	5/1/2018	5/31/2018	31	$267,712.89	$3,520,470.12	$14,089.28	$185,287.03	65	84

	Approved	Cost This CO	Total COs
01	12/12/2017	114,077.58	114,077.58

Additional work desired by the City. This Change Order adds a stub-out of 380 feet to the east end of the Southwest Bypass for future connection to the Southeast Inner Loop at the IH-35 frontage road. All related items and quantities will be overruns or underruns of current Contract items.

Adjusted Price = $5,713,278.44





Inner Loop Improvements
(WilCo Way to Belmont Drive)

Project Length: 4.4 Miles
Roadway Classification: Urban Arterial

Project Schedule: September 2017 - July 2018
Estimated Construction Cost: $5.3 Million



MAY 2018 IN REVIEW

5/4/2018: Central Maintenance Facility (CMF): Chasco Constructors placed concrete riprap over the boxes at Culvert 1. Subcontractor G Carter placed concrete for the luminaire foundations and poured the ground box aprons. Wilco Way (WW): The 48" RCP was placed on the downstream end of Culvert 1.

5/11/2018: CMF: Sidewalk, ADA ramp, and curb at the main entrance was demolished and replaced. The parking lot illumination were installed. WW: Low profile barriers were set. Water line valves and fire hydrants were raised.

5/18/2018: CMF: Subcontractor Wheeler placed 4" of asphalt on the south driveway and connector. WW: Two 42" barrels were installed at Culvert 2, an 18" RCP at Pond A, and a 36" RCP at Pond B.

5/25/2018: WW: The Animal Shelter driveway was demolished. Concrete for the SETs at Culvert 1 and for the sidewalk between Wilco Way and Pond A. The 24" RCP and the area inlets at the Animal Shelter driveway were installed.

6/1/2018: WW: The SETs on the downstream end of Culvert 2 were formed. Concrete was placed for the trash racks in both Ponds A and B and the drop inlet aprons at the Animal Shelter driveway.



Design Engineer: Rodriguez Transportation Group / Bridgefarmer
Contractor: Chasco Contractors
Construction Observation: Steven Shull, HNTB

Williamson County Road Bond Program

HNTB

PRIME STRATEGIES, INC.

Inner Loop Improvements (WilCo Way to Belmont Dr.)
Project No. 1706-168

Original Contract Price = $5,352,696.00

Letting	Award	Notice To Proceed	Begin Work	Substantial Completion	Work Accepted		Total Bid Days	Days Added	Total Days
8/9/2017	8/30/2017	9/18/2017	9/28/2017				300	0	300

Invoice Number	Beginning Date	Ending Date	Days Charged	Current Invoice	Invoice Total	Current Retainage	Total Retainage	% ($) Used	% Time Used
1	9/28/2017	10/31/2017	34	$324,036.00	$324,036.00	$36,004.00	$36,004.00	7	11
2	11/1/2017	11/30/2017	30	$429,129.00	$753,165.00	$47,681.00	$83,685.00	16	21
3	12/1/2017	1/31/2018	62	$460,398.44	$1,213,563.44	$51,155.38	$134,840.38	25	42
4	2/1/2018	2/28/2018	28	$52,007.22	$1,265,570.66	$5,778.58	$140,618.96	26	51
5	3/1/2018	3/31/2018	31	$346,718.46	$1,612,289.12	$3,524.28	$144,143.24	33	62
6	4/1/2018	4/30/2018	30	$616,068.50	$2,228,357.62	$68,452.05	$212,595.29	46	72
7	5/1/2018	5/31/2018	31	$654,961.95	$2,883,319.57	$72,773.35	$285,368.64	59	82

Change Order Number	Approved	Cost This CO	Total COs
01	12/5/2017	6,050.40	6,050.40

3E: County Convenience. Reduction of future maintenance. This Change Order revises the hot mix asphalt (HMAC) pavement section on the Inner Loop from one 2” lift of Type C HMAC to one 2” lift of Type D HMAC.

Adjusted Price = $5,358,746.40

Williamson County Regional Raw Water Line
Project No. 1708-187

Original Contract Price = $1,232,539.10

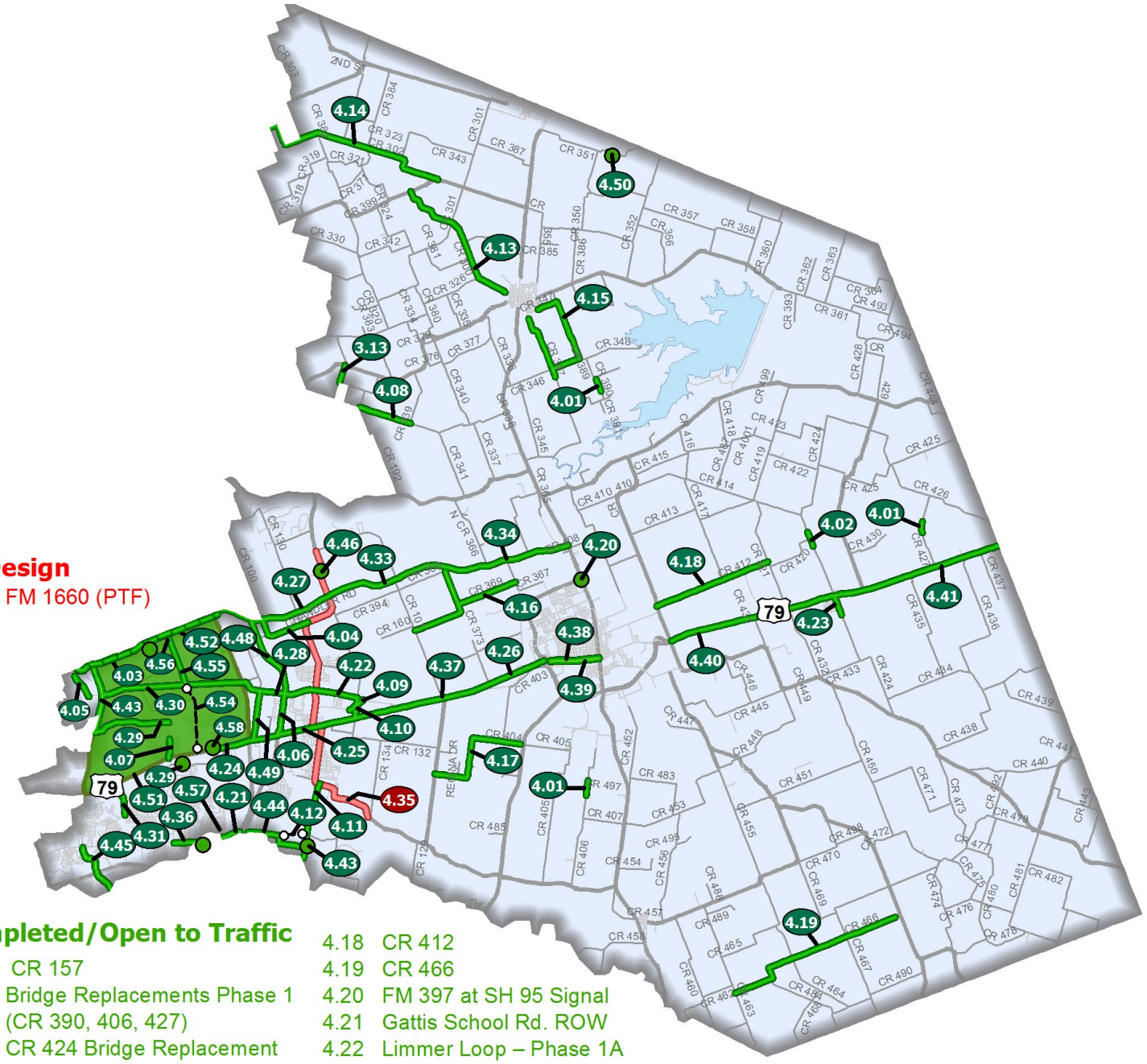
Letting	Award	Notice To Proceed	Begin Work	Substantial Completion	Work Accepted		Total Bid Days	Days Added	Total Days
10/3/2017	11/14/2017	1/12/2018	1/22/2018	4/14/2018			60	0	60

Invoice Number	Beginning Date	Ending Date	Days Charged	Current Invoice	Invoice Total	Current Retainage	Total Retainage	% ($) Used	% Time Used
1	1/22/2018	2/6/2018	16	$145,027.80	$145,027.80	$16,114.20	$16,114.20	13.1	27
2	2/7/2018	3/5/2018	27	$611,849.99	$756,877.79	$67,983.34	$84,097.54	68.2	72
3	3/7/2018	4/14/2018	39	$324,523.92	$1,081,401.71	$36,058.21	$120,155.75	97.5	137

6/1/2018 Comments - Substantial Completion was granted as of 4/14/2018. Vegetation was established 6/6/2018. The Certificate of Completion is being prepared.

Adjusted Price = $1,232,539.10

2006 Road Bond Program Projects
Precinct 4 - Commissioner Madsen



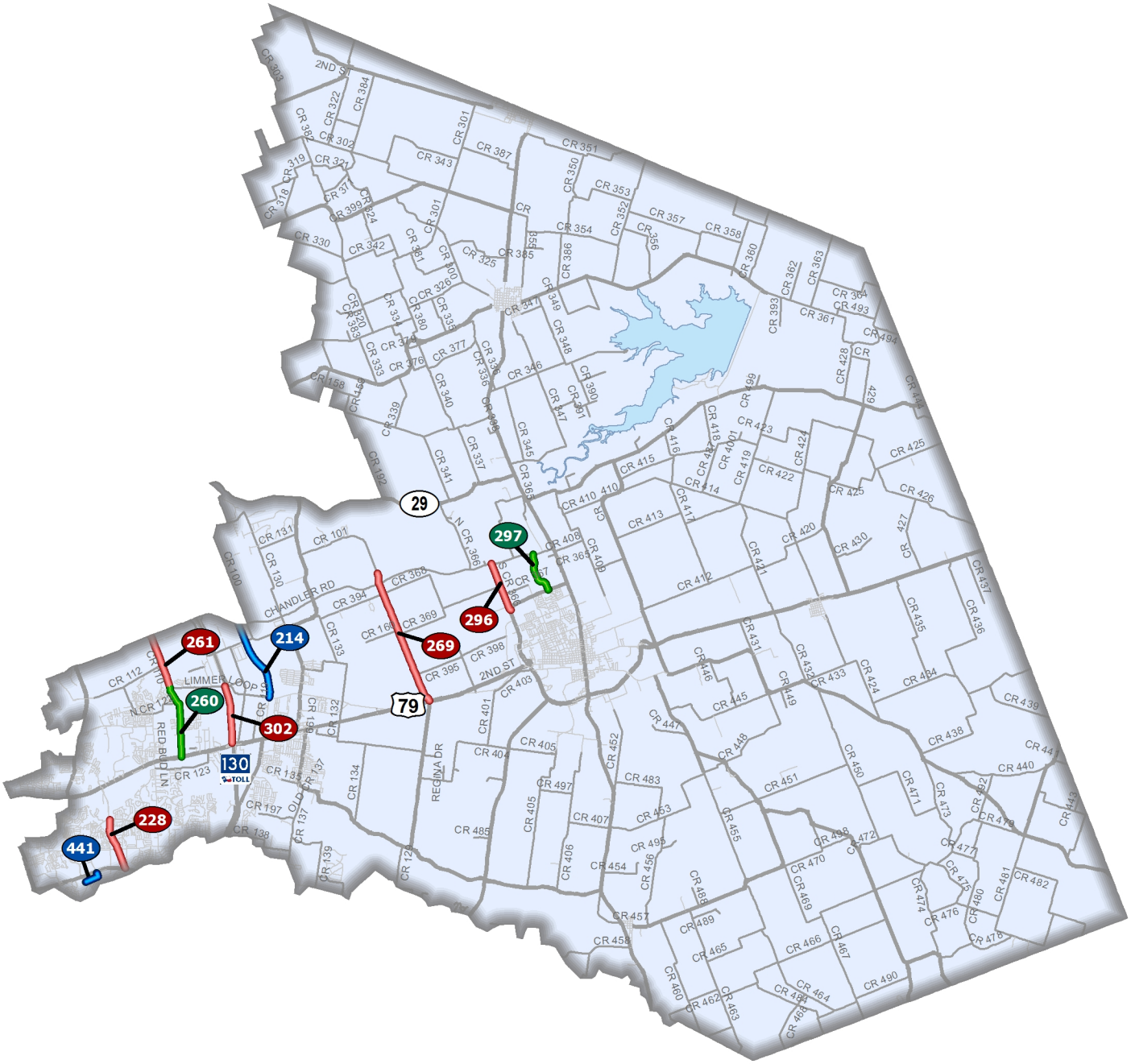
In Design

4.35 FM 1660 (PTF)

Completed/Open to Traffic

3.13 CR 157
4.01 Bridge Replacements Phase 1 (CR 390, 406, 427)
4.02 CR 424 Bridge Replacement
4.03 Chandler Rd. – Phase 1
4.04 CR 100
4.05 CR 112 – Phase 1
4.06 CR 119
4.07 CR 122 at US 79
4.08 CR 124
4.09 CR 132
4.10 CR 136
4.11 CR 137
4.12 CR 138 & CR 139 Alignment Study
4.13 CR 300 & CR 301
4.14 CR 302
4.15 CR 347 & CR 348
4.16 CR 368 & CR 369 (CR 101 to CR 366)
4.17 CR 404
4.18 CR 412
4.19 CR 466
4.20 FM 397 at SH 95 Signal
4.21 Gattis School Rd. ROW
4.22 Limmer Loop – Phase 1A
4.23 Thrall School Zone
4.24 US 79 – Section 1
4.25 US 79 – Section 2
4.26 US 79 – Section 3A
4.27 Chandler Rd. – Phase 2
4.28 Limmer Loop – Phase 1B
4.29 CR 113 / Old Settlers Blvd.
4.30 Limmer Loop – Phase 1C
4.31 Kenney Fort Boulevard – Phase 1
4.33 Chandler Rd. – Phase 3A
4.34 Chandler Rd. – Phase 3B
4.36 Gattis School Road
4.37 US 79 - Section 3 (PTF)
4.38 2nd Street Improvements
4.39 2nd Street Drainage Improvements
4.40 US 79 Section 5A (PTF)
4.41 US 79 Section 5B (PTF)
4.43 FM 1460 Section 2
4.44 CR 138
4.45 CR 170
4.46 FM 1660 at Landfill Rd. (CR 128)
4.48 CR 119
4.49 CR 108
4.50 CR 351 at Donahoe Creek
4.51 CR 110/ Arterial A Study Area
4.52 University Blvd. (Chandler Rd.) Expansion
4.54 CR 110 South - (Design) (US 79 to Limmer Lp)
4.55 CR 110 Middle (North of Limmer Loop to CR 107)
4.56 CR 110 at University Blvd. (Signal)
4.57 Gattis School Rd. at Winterfield Dr. (Signal)
4.58 Tradesman Park Crossing

2013 Road Bond Program Projects
Precinct 4 - Commissioner Madsen



Completed/Open to Traffic

260 CR 110 South (US 79 to Limmer Loop)
297 Bill Pickett Trail (Carlos Parker Blvd to Chandler Road)

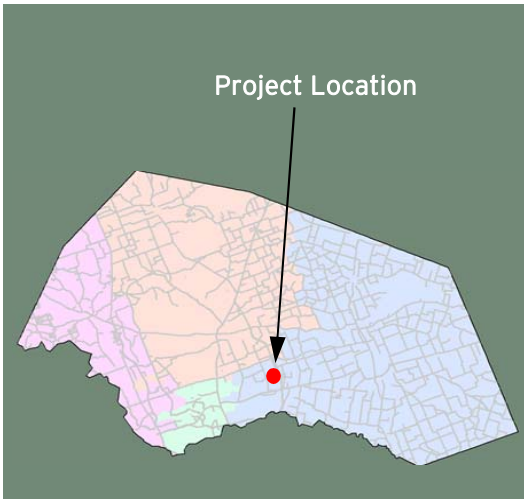
Under Construction/Bidding

214 CR 119
441 Roundville Lane (A.W. Grimes Blvd. to EBFR of SH 45)

In Design

228 Kenney Fort Blvd. Ph. 1 (Forest Creek Blvd. to Gattis School Rd.)
261 CR 110 Middle (N Limmer Loop to CR 107)
269 CR 101 (US 79 to North of Chandler Rd.)
296 CR 366 Widening - Chandler Rd. to Carlos G. Parker Blvd.
302 SH 130 Frontage Roads Phase 3 (SBFR US 79 to Limmer Loop)





County Road 110 South
(US 79 to Limmer Loop)

Project Length: 2.25 Miles
Roadway Classification: Minor Urban Arterial

Project Schedule: January 2017-June 2018
Estimated Construction Cost: $11.2 Million



MAY 2018 IN REVIEW

5/4/2018: Chasco Constructors placed topsoil at Limmer Loop and performed general cleanup. Subcontractor Roadway Specialties continued drill seeding and placing soil retention blanket in the west ditches.

5/11/2018: Topsoil placement was finished. Subcontractor Flasher completed all final striping. Subcontractor Roadway Specialties, Inc. completed all seeding and soil retention blanket installation.

5/18/2018: Watering continued to establish vegetation. General cleanup was ongoing. Subcontractor Flasher completed all roadway signs.

5/25/2018: Watering continued to establish vegetation. A walk-thru was performed with representatives of the County.

6/1/2018: Watering continued to establish vegetation. Punchlist items are ongoing. A request for Substantial Completion as of 5/23/18 was received.



Design Engineer: Dannenbaum
Contractor: Chasco Constructors
Construction Observation:
David Boone, HNTB

Williamson County
Road Bond Program

HNTB

PRIME STRATEGIES, INC.

CR 110 South (US 79 to Limmer Loop)
Project No. 1604-075

Original Contract Price = $11,224,589.02

Letting	Award	Notice To Proceed	Begin Work	Substantial Completion	Work Accepted		Total Bid Days	Days Added	Total Days
9/27/2016	10/17/2016	1/3/2017	1/13/2017	5/23/2018			510	0	510

Invoice Number	Beginning Date	Ending Date	Days Charged	Current Invoice	Invoice Total	Current Retainage	Total Retainage	% ($) Used	% Time Used
1	1/13/2017	3/31/2017	78	$1,644,069.60	$1,644,069.60	$182,674.40	$182,674.40	16	15
2	4/1/2017	4/30/2017	30	$393,511.50	$2,037,581.10	$43,723.50	$226,397.90	20	21
3	5/1/2017	5/31/2017	31	$582,730.20	$2,620,311.30	$64,747.80	$291,145.70	26	27
4	6/1/2017	6/30/2017	30	$630,479.66	$3,250,790.96	$70,053.30	$361,199.00	32	33
5	7/1/2017	7/31/2017	31	$803,057.63	$4,053,848.59	$89,228.62	$450,427.62	40	39
6	8/1/2017	8/31/2017	31	$1,287,965.24	$5,341,813.83	$143,107.25	$593,534.87	53	45
7	9/1/2017	9/30/2017	30	$469,097.52	$5,810,911.35	$52,121.95	$645,656.82	57	51
8	10/1/2017	10/31/2017	31	$875,490.26	$6,686,401.61	$97,276.69	$742,933.51	66	57
9	11/1/2017	11/30/2017	30	$435,997.94	$7,122,399.55	$48,444.22	$791,377.73	70	63
10	12/1/2017	12/31/2017	31	$176,721.48	$7,299,121.03	$19,635.72	$811,013.45	72	69
11	1/1/2018	1/31/2018	31	$408,025.00	$7,707,146.03	$45,336.11	$856,349.56	76	75
12	2/1/2018	2/28/2018	28	$269,828.24	$7,976,974.27	$29,980.92	$886,330.48	79	81
13	3/1/2018	3/31/2018	31	$356,056.48	$8,333,030.75	$39,561.82	$925,892.30	82	87
14	4/1/2018	4/30/2018	30	$729,037.53	$9,062,068.28	$81,004.17	$1,006,896.47	89	93

6/1/2018 Comments - Substantial Completion was granted as of 5/23/2018. The Contractor is working on punchlist items.

Change Order Number	Approved	Cost This CO	Total COs
01	6/15/2017	-5,837.31	-5,837.31

1A: Design Error or Omission. Incorrect PS&E. The proposed flow of water from Box Culvert 6 went through the middle of a downstream property; therefore, a redesign and relocation of Culvert 6 was necessary. 4B: Third Party Accommodation. Third party requested work. The property owner at the downstream end of the proposed culvert requested that the water flow around his property limits, as it does in the current conditions. 2C: Differing Site Conditions. New development (conditions changing after PS&E completed). The Mozart Street connection to CR 110 South was permitted and built after the completion of the CR 110 South roadway plans and plan revisions were required to tie-in properly

Change Order Number	Approved	Cost This CO	Total COs
02	9/19/2017	2,840.00	-2,997.31

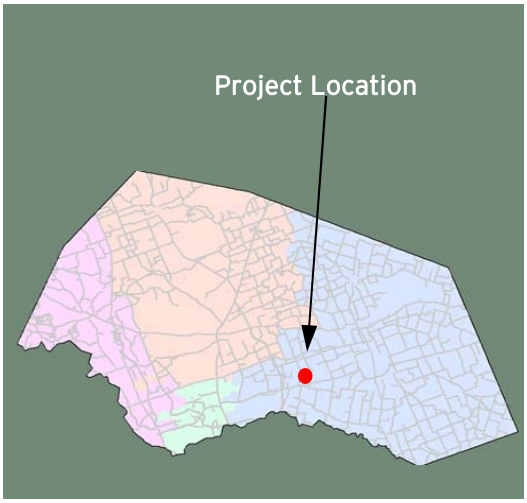
2E: Differing Site Conditions (unforeseeable). Miscellaneous difference in site conditions (unforeseeable) (Item 9). This Change Order substitutes a wingwall with a special drop inlet due to safety slope reasons. The proposed culvert upstream flowline was approximately 4’ below ditch profile grades, which would have resulted in an extremely steep backslope at the end of the culvert. 4B: Third Party Accommodation. Third party requested work. This Change Order also addresses over-runs and under-runs for various waterline components and includes substituting the HDPE bore pipe for steel encasement pipe at the request of Seminole Pipeline.

Change Order Number	Approved	Cost This CO	Total COs
03	12/12/2017	31,812.74	28,815.43

3E: County Convenience. Reduction of future maintenance. This Change Order replaces surface hot mix Type C to Type D, supplements the Type 4 seeding mix with Type 11 (Bermuda), and adds additional concrete pipe and end treatment items at utility poles. 3H: County Convenience. Cost savings opportunity discovered during construction. This Change Order also substitutes single-slope portable concrete barrier with low profile concrete barrier (LPCB).

Adjusted Price = $11,253,404.45





County Road 119
(Limmer Loop to Chandler Rd)

Project Length: 2.35 Miles
Roadway Classification: Suburban Collector

Project Schedule: December 2017-March 2019
Estimated Construction Cost: $6.6 Million



MAY 2018 IN REVIEW

5/4/2018: Joe Bland continued embankment north of CR 118. Concrete was placed for the wingwall footings at Culverts B and D and a wingwall at Culvert A. Subcontractor Greater Austin Development placed precast concrete bridge deck panels and installed bridge overhang formwork.

5/11/2018: A wingwall was poured at Culvert B. Concrete riprap was formed and poured at Culvert A. Greater Austin Development continued to place precast concrete bridge deck panels and installing bridge overhang formwork.

5/18/2018: A wingwall was poured at Culvert B. Storm sewer pipe, inlets and manholes were installed north of Limmer Loop. Greater Austin Development placed deck steel for the bridge, and placed concrete for the bridge deck.

5/25/2018: Wingwalls were poured at Culverts B and D. Subcontractor Oldcastle/Wheeler placed asphalt pavement for the temporary widening on the northbound lane north of Limmer Loop.

6/1/2018: The concrete riprap was completed at Culvert A. Greater Austin Development began tying steel for the bridge railing and placed concrete for one bridge approach slab.



Design Engineer: Stantec Consulting
Contractor: Joe Bland Construction
Construction Observation:
David Boone, HNTB

Williamson County
Road Bond Program

HNTB

PRIME STRATEGIES, INC.

CR 119 (Limmer Loop to Chandler Rd)
Project No. 1708-186

Original Contract Price = $6,640,302.71

Letting	Award	Notice To Proceed	Begin Work	Substantial Completion	Work Accepted		Total Bid Days	Days Added	Total Days
10/25/2017	11/15/2017	12/8/2017	12/18/2017				450		450

Invoice Number	Beginning Date	Ending Date	Days Charged	Current Invoice	Invoice Total	Current Retainage	Total Retainage	% ($) Used	% Time Used
1	12/1/2017	12/31/2017	31	$65,613.60	$65,613.60	$7,290.40	$7,290.40	1	7
2	1/1/2018	1/31/2018	31	$473,860.64	$539,474.24	$52,651.18	$59,941.58	9	14
3	2/1/2018	2/28/2018	28	$323,428.91	$862,903.15	$35,936.55	$95,878.13	14	20
4	3/1/2018	3/31/2018	31	$229,232.44	$1,092,135.59	$25,470.27	$121,348.40	18	27
5	4/1/2018	4/30/2018	30	$630,740.24	$1,722,875.83	$70,082.25	$191,430.65	29	34
6	5/1/2018	5/31/2018	31	$298,792.28	$2,021,668.11	$33,199.14	$224,629.79	34	40

Adjusted Price = $6,640,302.71

Commissioners Court - Regular Session **28.**

Meeting Date: 06/19/2018

North Mays TCEQ Agent Authorization Form

Submitted By: Dawn Haggard, Road Bond

Department: Road Bond

Agenda Category: Regular Agenda Items

Information

Agenda Item

Discuss, consider, and take appropriate action regarding a TCEQ Agent Authorization for the Edwards Aquifer Protection Program associated with the North Mays Extension project, a Road Bond project in Commissioner Pct. 1.

Background

The North Mays Extension Project requires TCEQ approval of a Water Pollution and Abatement Plan (WPAP) prior to construciton. A TCEQ Agent Authorization form is required to authorize an employee of Kennedy Consulting Inc., a sub-consultant to the design engineer, to submit the needed WPAP for TCEQ review and approval on behalf of the County.

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

North Mays Agent Authorization Form

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Wendy Coco	06/14/2018 08:37 AM
Form Started By: Dawn Haggard		Started On: 06/11/2018 11:38 AM
Final Approval Date: 06/14/2018		

Agent Authorization Form
For Required Signature
Edwards Aquifer Protection Program
Relating to 30 TAC Chapter 213
Effective June 1, 1999

I Judge Dan A. Gattis,
Print Name

Williamson County Judge,
Title - Owner/President/Other

of Williamson County,
Corporation/Partnership/Entity Name

have authorized Michael R. Curl
Print Name of Agent/Engineer

of Kennedy Consulting, Inc.
Print Name of Firm

to represent and act on the behalf of the above named Corporation, Partnership, or Entity for the purpose of preparing and submitting this plan application to the Texas Commission on Environmental Quality (TCEQ) for the review and approval consideration of regulated activities.

I also understand that:

1. The applicant is responsible for compliance with 30 Texas Administrative Code Chapter 213 and any condition of the TCEQ's approval letter. The TCEQ is authorized to assess administrative penalties of up to $10,000 per day per violation.

2. For those submitting an application who are not the property owner, but who have the right to control and possess the property, additional authorization is required from the owner.

3. Application fees are due and payable at the time the application is submitted. The application fee must be sent to the TCEQ cashier or to the appropriate regional office. The application will not be considered until the correct fee is received by the commission.

4. A notarized copy of the Agent Authorization Form must be provided for the person preparing the application, and this form must accompany the completed application.

5. No person shall commence any regulated activity on the Edwards Aquifer Recharge Zone, Contributing Zone or Transition Zone until the appropriate application for the activity has been filed with and approved by the Executive Director.

SIGNATURE PAGE:

Applicant's Signature

Date

THE STATE OF __TEXAS__ §

County of ___Williamson___ §

BEFORE ME, the undersigned authority, on this day personally appeared _____known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that (s)he executed same for the purpose and consideration therein expressed.

GIVEN under my hand and seal of office on this ____ day of _____,_____.

NOTARY PUBLIC

Typed or Printed Name of Notary

MY COMMISSION EXPIRES: _____

Commissioners Court - Regular Session **29.**

Meeting Date: 06/19/2018

2013 Road Bond Transfer

Submitted By: Emmeline Palma, County Auditor

Department: County Auditor

Agenda Category: Regular Agenda Items

Information

Agenda Item

Discuss, consider and take appropriate action on approving a 2013 Road Bond Budget Transfer per Mike Weaver, Road Bond Manager, to move $160,000 from 2013 Road Non-Departmental (P290) to Inner Loop @ WilCo Way (P226).

Background

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

2013 Road Bond Transfer

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Wendy Coco	06/11/2018 09:41 AM
Form Started By: Emmeline Palma		Started On: 06/07/2018 03:26 PM
Final Approval Date: 06/11/2018		

1508 S. Lamar Blvd.
Austin, Texas 78704
(512) 445-7074 voice
(512) 445-7064 fax

Prime Strategies, Inc.

Memo

To: Emmeline Palma, Williamson County Auditor's Office

Cc: Tomika Lynce, Williamson County Auditor's Office

From: Michael J. Weaver

Date: June 7, 2018

Re: 2013 Road Bond Budget Adjustments

To accommodate the Chasco Change Orders for the Inner Loop Improvements project please make the following project budget adjustment to the 2013 Road Bond Program:

- Move $160,000.00 from P-290 2013 Unallocated Interest to P-226 Inner Loop @ WilCo Way

If you have any questions, please let me know.

Cc: Pam Navarrette, Williamson County Auditor's Office
Jolene Crist, Williamson County Contract Auditor
Bob Daigh, Williamson County Sr. Director of Infrastructure
Christen Eschberger, P.E., HNTB
Marie Walters, PSI

Commissioners Court - Regular Session **30.**

Meeting Date: 06/19/2018

Animal Shelter Expansion, P435 - Change Order 3

Submitted By: Gina Wrehsnig, Infrastructure

Department: Infrastructure **Division:** Building Maintenance

Agenda Category: Regular Agenda Items

Information

Agenda Item

Discuss, consider and take appropriate action on the Williamson County Animal Shelter Remodel Project, Change Order # 3 from J.T. Vaughn Construction, LLC., in the amount of $32,893.00 for additional concrete, mechanical, electrical and finish scopes of work. This change order is being funded out of the Owners and Construction Managers Contingencies.

Background

This change order funds additional scopes of work that are necessary due to unknown conditions, contractor clarifications and supplemental instructions provided by the design team.

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

AS Change Order 3

AS CO3 Funds

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Wendy Coco	06/14/2018 09:25 AM
Form Started By: Gina Wrehsnig		Started On: 06/14/2018 09:08 AM
Final Approval Date: 06/14/2018		

AIA® Document G701™ – 2017

Change Order

PROJECT: *(Name and address)*
Williamson County
Animal Shelter Expansion
1855 SE Inner Loop
Georgetown, TX 78626

CONTRACT INFORMATION:
Contract For: General Construction

Date: 1/8/18

CHANGE ORDER INFORMATION:
Change Order Number: 003

Date: 5/31/18

OWNER: *(Name and address)*
Williamson County, Texas
710 Main Street, Suite 101
Georgetown, TX 78626

ARCHITECT: *(Name and address)*
Jackson & Ryan Architects
2370 Rice Boulevard, Suite 210
Houston, TX 77005

CONTRACTOR: *(Name and address)*
J.T. Vaughn Construction, LLC
10355 Westpark Drive
Houston, TX 77042

THE CONTRACT IS CHANGED AS FOLLOWS:
(Insert a detailed description of the change and, if applicable, attach or reference specific exhibits. Also include agreed upon adjustments attributable to executed Construction Change Directives.)

Change Order No. 3 includes the below listed Vaughn Change Proposals # 11-#17. For Vaughn Project No. 2491-01.
- CP No. 11 - Provide Demo and Retile a Portion of the Main Building Lobby Floor Per RFI 038
- CP No. 12 - Provide Retaining Wall Revisions Per RFI 026
- CP No. 13 - Provide Green Screen Detail Revisions Per RFI 026
- CP No. 14 - Provide Revisions to the Canopy Hood Per Jackson & Ryan's ASI 003 Dated 4/5/18
- CP No. 15 - Provide Overtime Hours For Electrical Shutdown For Duct Back Conflict
- CP No. 16 - Provide Adding Disconnects, Fuses and Unistrut Per RFI 30
- CP No. 17 - Provide Adding Disconnects, Fuses and Unistrut Per ASI 002

The original Contract Sum was	$	9,499,295.00
The net change by previously authorized Change Orders	$	0.00
The Contract Sum prior to this Change Order was	$	9,499,295.00
The Contract Sum will be unchanged by this Change Order in the amount of	$	0.00
The new Contract Sum including this Change Order will be	$	9,499,295.00

The Contract Time will be unchanged by Zero (0) days.
The new date of Substantial Completion will be 3/6/19

NOTE: This Change Order does not include adjustments to the Contract Sum or Guaranteed Maximum Price, or the Contract Time, that have been authorized by Construction Change Directive until the cost and time have been agreed upon by both the Owner and Contractor, in which case a Change Order is executed to supersede the Construction Change Directive.

NOT VALID UNTIL SIGNED BY THE ARCHITECT, CONTRACTOR AND OWNER.

Jackson & Ryan Architects	J.T. Vaughn Construction, LLC	Williamson County, Texas
ARCHITECT *(Firm name)*	**CONTRACTOR** *(Firm name)*	**OWNER** *(Firm name)*
Martha Seng		
SIGNATURE	**SIGNATURE**	**SIGNATURE**
Martha Seng	Mike Simpson	Dan Gattis, County Judge
PRINTED NAME AND TITLE	**PRINTED NAME AND TITLE**	**PRINTED NAME AND TITLE**
06/06/18	06/06/2018	
DATE	**DATE**	**DATE**

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User Notes:
(3B9ADA2D)

Williamson County
Williamson County Regional Animal Shelter
Vaughn Project No. 2491-01

VAUGHN CONSTRUCTION

Funds Tracking Log

Change Proposal No.	Change Type & No.	Time Extension (Days)		GMP Breakdown					GMP #2491.01	Total Updated Contract Amount
		Pending	Approved	Cost of Work	CM Contingency	Owner Contingency	General Conditions	Construction Phase Fee		
N/A	GMP	-	-	$7,666,840	$228,082	$300,000	$1,034,210	$270,163	$9,499,295	$9,499,295
1	OCO 1	0	0	$10,878	($10,964)	$0	$86	$0	$0	$9,499,295
2	OCO 1	0	0	($8,139)	$8,139	$0	$0	$0	$0	$9,499,295
3	OCO 1	0	0	($3,945)	$3,924	$0	$21	$0	$0	$9,499,295
4	OCO 1	0	0	$412	($412)	$0	$0	$0	$0	$9,499,295
5	OCO 1	0	0	$11,089	$0	($11,615)	$143	$383	$0	$9,499,295
OCO 1 Totals		**0**	**0**	**$10,295**	**$687**	**($11,615)**	**$250**	**$383**	**$0**	**$9,499,295**
6	OCO 2	0	0	$1,423	$0	($1,491)	$18	$50	$0	$9,499,295
7	OCO 2	0	0	$769	$0	($806)	$10	$27	$0	$9,499,295
8	OCO 2	0	0	$3,595	($3,640)	$0	$45	$0	$0	$9,499,295
9	OCO 2	0	0	$16,917	($17,128)	$0	$211	$0	$0	$9,499,295
10	OCO 2	0	0	($9,016)	$9,016	$0	$0	$0	$0	$9,499,295
OCO 2 Totals		**0**	**0**	**$13,688**	**($11,752)**	**($2,297)**	**$284**	**$77**	**$0**	**$9,499,295**
11	OCO 3	0	0	$5,028	$0	($5,201)	$0	$173	$0	$9,499,295
12	OCO 3	0	0	$15,199	$0	($15,912)	$189	$524	$0	$9,499,295
13	OCO 3	0	0	$825	$0	($853)	$0	$28	$0	$9,499,295
14	OCO 3	0	0	$726	$0	($751)	$0	$25	$0	$9,499,295
15	OCO 3	0	0	$1,278	($1,294)	$0	$16	$0	$0	$9,499,295
16	OCO 3	0	0	$5,085	$0	($5,324)	$64	$175	$0	$9,499,295
17	OCO 3	0	0	$4,752	$0	($4,975)	$59	$164	$0	$9,499,295
OCO 3 Totals		**0**	**0**	**$32,893**	**($1,294)**	**($33,016)**	**$328**	**$1,089**	**$0**	**$9,499,295**
18								$0	$0	$9,499,295
19								$0	$0	$9,499,295
20								$0	$0	$9,499,295
21								$0	$0	$9,499,295
22								$0	$0	$9,499,295
23								$0	$0	$9,499,295
24								$0	$0	$9,499,295
25								$0	$0	$9,499,295
26								$0	$0	$9,499,295
27								$0	$0	$9,499,295
28								$0	$0	$9,499,295
29								$0	$0	$9,499,295
30								$0	$0	$9,499,295
31								$0	$0	$9,499,295
32								$0	$0	$9,499,295
33								$0	$0	$21,530,927
34								$0	$0	$9,499,295
35								$0	$0	$9,499,295
36								$0	$0	$9,499,295
37								$0	$0	$9,499,295
38								$0	$0	$9,499,295
39								$0	$0	$9,499,295
40								$0	$0	$9,499,295
Current Amounts		**0**	**0**	**$7,723,716**	**$215,723**	**$253,072**	**$1,035,072**	**$271,712**	**$9,499,295**	**$9,499,295**

VAUGHN CONSTRUCTION
18551 SE Inner Loop
Georgetown, TX
78626

T: (210) 328-0193

May 10, 2018

Dale Butler
Williamson County
710 Main Street
Georgetown, TX 78626

Re: Animal Shelter Expansion

Job No: 249101

Subj: Change Proposal No. 249101-0011

Dear Sir or Madam:

We respectfully submit our proposal for an increase to our contract in the amount of $0 (zero) dollars to provide Demo and Retile a Portion of the Main Building Lobby Floor Per RFI 038 for the above referenced project.

Our price is valid for Ten (10) days

Please indicate your acceptance of this change proposal by signing and returning one copy of the attached Form B breakdown of our cost.

Very truly yours,
VAUGHN CONSTRUCTION



Thomas Morrill

Attachments:

CC:

FORM B

PROJECT: Animal Shelter Expansion

CHANGE PROPOSAL NO: 249101-0011

QUOTATION :

Item	Labor	Materials	Subs	Total
Demo of Portion of Main Lobby Tile Floor	$0.00	$0.00	$735.00	$735.00
Retile a Portion of the Main Lobby Tile Floo	$0.00	$0.00	$4,194.00	$4,194.00
CM Fee	$0.00	$173.00	$0.00	$173.00
To Be Funded By Owners Contingency	$0.00	$(5,201.00)	$0.00	$(5,201.00)
Labor/General Cleanup	$0.00	$0.00	$99.00	$99.00
Totals	$0.00	$(5,028.00)	$5,028.00	$0.00
	Insurance, Tax, Benefits on Labor			$0.00
	Overhead			$0.00
	Fee on Subs			$0.00
	Fee on JTV			$0.00
	Bond			$0.00
	Remodel Tax			$0.00
	TOTAL			**$0.00**

TIME EXTENSION TO CONTRACT: 0 Days

Submitted Date: 5/31/2018

Accepted

By: _____

Date _____

VAUGHN CONSTRUCTION

By: _____
Thomas Morrill

Proposal Valid for 10 Days

REQUEST FOR INFORMATION

VAUGHN CONSTRUCTION

18551 SE Inner Loop
Georgetown, TX
78626

T: (210) 328-0193

RFI NO: 38

To: John Benham
Jackson & Ryan Architects
2370 Rice Boulevard, Suite 210
Houston, TX 77005
Phone: (713) 526-5436
Fax:

From: Thomas Morrill

Date: 04/18/2018

Required By: 04/20/2018

Owner: Williamson County, Texas

Job No : 249101

Project: Animal Shelter Expansion
1855 SE Inner Loop
Georgetown, TX 78626

Re: Existing Tile in Lobby of Main Building

Spec. Section:

Drawing Number: A.1-2.10

Other Reference:

Question:
Sheet A.1-2.10 has a note to patch the tile flooring around the demolished existing lobby desk. This area has 2 different tile types (see attached) that are laid out in the middle of the lobby making patching and/of matching any tile very difficult as there will be a distinct transition on the visible lobby floor. Also, the county has confirmed that there is not attic stock of either tile.

Proposed Answer:
Please give direction of how to proceed with the flooring in this area.

Answer:

Jackson & Ryan reviewed this issue in-person with Vaughn Construction, Williamson County, and Animal Shelter Management on Thursday, 4/26/18.

WilCo found it acceptable to propose a defined area of further demolition of the existing floor tile and replace it with new floor tile, to match generally the size and pattern. Shelter Management requested the new tile be darker than the existing.

See revised Architectural sheet A.1-2.10, attached.

This RFI can be referenced as pricing for this scope is reviewed and approved.

John Benham, AIA

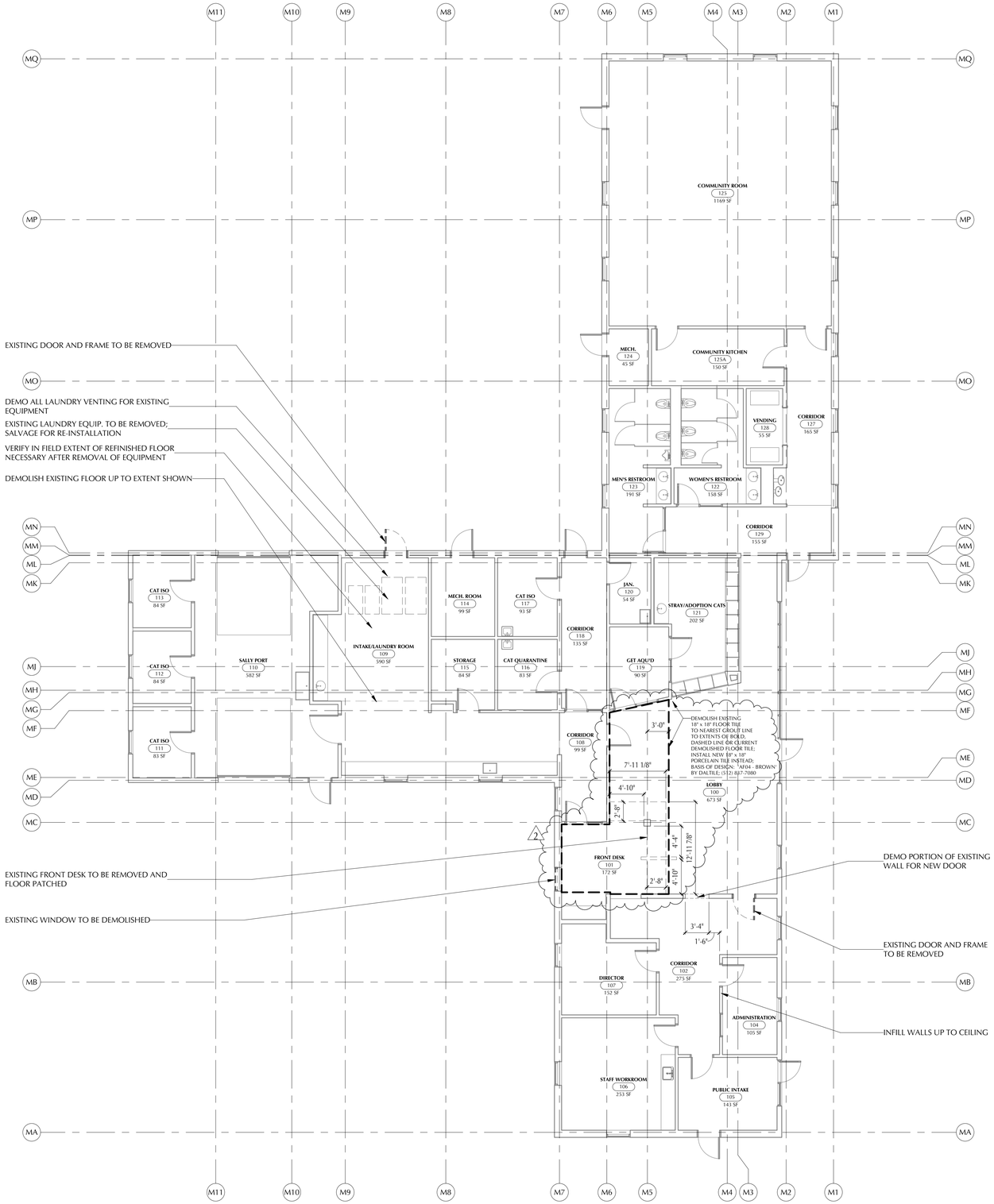
Jackson & Ryan Architects 04/27/18

Very truly yours,

VAUGHN CONSTRUCTION

Attachments:

CC:



01 LEVEL 1 - DEMOLITION FLOOR PLAN
1/8" = 1'-0"

Date Issued:	
09/27/17	ISSUE FOR PERMIT
11/15/17	FIRST RE-SUBMITTAL - PLAN REVIEW
2 04/27/18	RFI 038

GEORGETOWN PROJECT NO. 2017-39592

Project Number: **16042**

WILLIAMSON COUNTY REGIONAL ANIMAL SHELTER

1855 SE INNER LOOP
GEORGETOWN, TX 78626

JACKSON & RYAN ARCHITECTS
2370 RICE BOULEVARD, HOUSTON, TEXAS 77005

CIVIL ENGINEER
DAVCAR ENGINEERING
512-328-4428
LANDSCAPE ARCHITECT
GARCIA DESIGN
512-892-0353
STRUCTURAL ENGINEER
MATRIX STRUCTURAL ENGINEERS
713-664-0130
MECHANICAL, ELECTRICAL & PLUMBING ENGINEER
SHAH SMITH & ASSOCIATES, INC.
512-851-0404

GENERAL CONTRACTOR
VAUGHN CONSTRUCTION
512-318-1332

REGISTERED ARCHITECT · MARTHA SENGO · 8878 · STATE OF TEXAS

04/27/18

Sheet Content:

MAIN - DEMOLITION - FLOOR PLAN

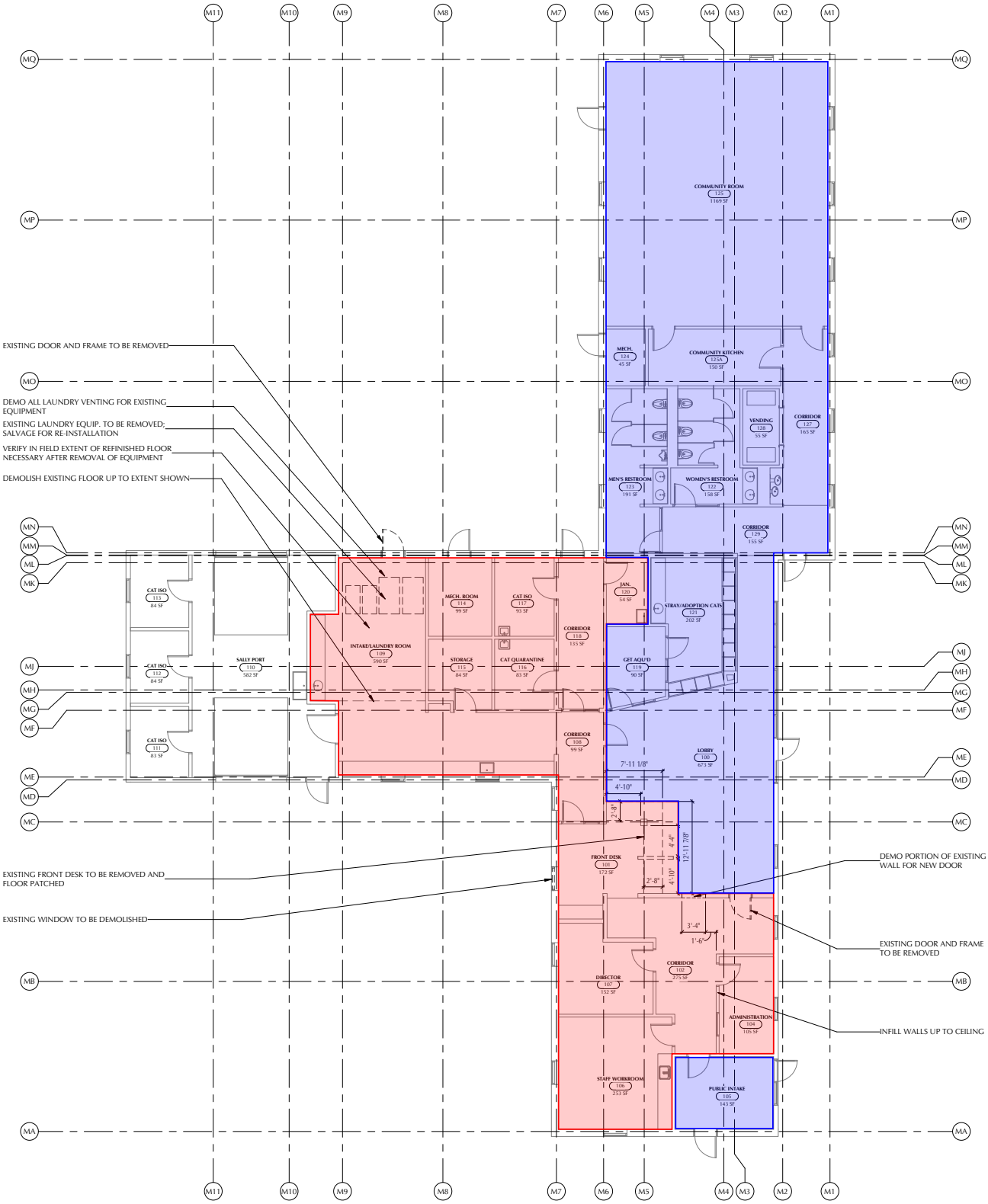
SCALE: 1/8" = 1'-0"

Copyright 2016 JACKSON & RYAN, ARCHITECTS

Drawings and Specifications as instruments of service are and shall remain the property of the Architect. They are not to be used on other projects or extensions to this project except by agreement in writing and with appropriate compensation to the Architect. Contractor is responsible for confirming and correlating dimensions at job site; the Architect will not be responsible for construction means, methods, techniques, sequences or procedures; or for safety precautions and programs in connection with the project.

A.1-2.10

Plot Date: 04/27/18



01 LEVEL 1 - DEMOLITION FLOOR PLAN
1/8" = 1'-0"

EXISTING TILE #1

EXISTING TILE #2










DEMO

THE DEMO COMPANY

May 1, 2018

RE: RFI 038 - Existing Tile in Lobby of Main Building

Thomas,

Thank you for the opportunity to propose on the project. Below is a list of our scope inclusions and exclusions.

Work Included in our Scope:

Drawings Dated: 4/27/2018
Addenda: N/A

A.1 - 2.10- Main Demolition - Floor Plan

- Remove Existing Tile in Lobby of Main Building
- Haul Off & Disposal Included

BASE BID..... $ 735.00

Please let me know if you have any questions.

Thanks,

Dawson McGough
The Demo Company
334-322-1022

Exclusions / Clarifications:

- Permits / Fees / Bonds
- Removal of Hazardous Materials (i.e. Asbestos)
- Temporary Facilities or Utilities
- Floor Prep. Glue and adhesives will be removed within an 1/8"
- Street / Sidewalk Closures, Traffic Control or Barricades
- Cutting / Capping / Make Safe of Existing Utilities
- Layout of any sort. (i.e. MEP / Openings / Limits of Demolition / etc.)
- Salvaging any items to be re-used or transmitted to the Owner.
- MEP Haul-off unless otherwise noted above
- Additional Layers of Sheetrock are not included. One layer included unless otherwise noted above.
- Hidden Conditions (i.e. concealed VCT or Above ceiling Pony Walls) not included.
- Site Fencing or SWPPP.
- Final Grading or Backfilling
- Shoring / Bracing o Lintels
- Hidden Underground Structures (Beams, Pits, Tanks, etc.)
- 3rd Party Oversight and Sampling
- Fire Watch and/or Security
- Only Responsible for Structural Demo to 2' Below Grade
- Bid Assumes 40/hr Work Week and One Mobilization. Additional Mobilization is $1,500 per.

Corporate FLOORS
8013 Exchange Drive, Suite 300
Austin, TX 78754
512.928.5655 Voice 512.928.5711 Fax
www.corporatefloors.com

Attention: THOMAS MORRILL
Salesperson: Dean Smart
Estimator: Shane Crumpton
Project Manager: Mica Martinez
Addendums Read: 2

Proposal

Bill To	Project
VAUGHN CONSTRUCTION AUSTIN 6604 NORTH LAMAR AUSTIN, TX 78752	WILLIAMSON COUNTY REGIONAL ANIMAL SHELTER , TX

THOMAS MORRILL		
Phone:	Phone:	Phone:
Cell:	Cell:	Cell:
Pager:	Pager:	Pager:
Fax:	Fax:	Fax:

Install Date:
Plan Date:
Bid Date: 11/9/2017
Date: 5/3/2018
Time: 10:21 AM
Revision #:
Bid #: 37195

RFI 38 ADD

Line	Description		Extended:
1	**FT- 2 CERAMIC FLOOR SUPPLIED AND INSTALLED - INCLUDE EPOXY GROUT and 1 PATCH AT 1 DOOR; NO WATERPROOFING / ANTIFRACTURE OR DEMO IS INCLUDED**		
	DAL-TILE		
	AFFINITY		$3,784.27
	BROWN 18x18	AF04	
2	**FT- 2 CERAMIC BASE SUPPLIED AND INSTALLED - INCLUDE EPOXY GROUT ; BASE IS CUT FROM FIELD**		
	DAL-TILE		
	AFFINITY		$410.09
	BROWN 18x18	AF04	
	TOTAL (THESE LINE ITEMS TAX EXEMPT)		**$ 4,194.36**

NOTES

Williamson County Regional Animal Shelter
Form B

Change in Work - Cost Analysis Form

(To Be Completed All Subcontractors, Suppliers & Contractors Associated with the Change Proposal)

roject No. & Name: 2491-02 Wilco Regional Animal Shelter DATE 5/31/2018

Contractor Name: Vaughn Construction Change No. 011

scription of Change: Vaughn General Works Labor and Cleanup for Retiling the Exisitng Lobby in Main Building

Means Code	Description	Quantity	Unit	Unit Cost	Labor	Material & Equipment	Subcontract
	General Works Vaughn Labor/General Cleanup	4.0		$ 22.43	$90.00	$ -	$ -
					$ -	$ -	$ -
					$ -		
						$ -	$ -
	OH&P (10%)				$ 9.00		
				SUBTOTAL	$ 99.00	$ -	$ -
				BOND			$ -

Work preformed by the Contractor's own employees		SUBTOTAL	$ 99.00
Work up to $10,000.00, add…	15.0%		$ -
Work between $10,000.01 and $20,000.00, add…	10.0%		
Work greater than $20,000.00, add…	7.5%		$ -

Managing subcontracted work		SUBTOTAL	$ -
Work up to $10,000.00, add…	10.0%		$ -
Work between $10,000.01 and $20,000.00, add…	7.5%		$ -
Work greater than $20,000.00, add…	5.0%		$ -
		Sales Tax 8.25%	$ -
		TOTAL FOR THIS CHANGE PROPOSAL	**$ 99.00**

VAUGHN CONSTRUCTION
18551 SE Inner Loop
Georgetown, TX
78626

T: (210) 328-0193

May 15, 2018

Dale Butler
Williamson County
710 Main Street
Georgetown, TX 78626

Re: Animal Shelter Expansion

Job No: 249101

Subj: Change Proposal No. 249101-0012

Dear Sir or Madam:

We respectfully submit our proposal for an increase to our contract in the amount of $0 (zero) dollars to provide Retaining Wall Revisions Per RFI 026 for the above referenced project.

Our price is valid for Ten (10) days

Please indicate your acceptance of this change proposal by signing and returning one copy of the attached Form B breakdown of our cost.

Very truly yours,
VAUGHN CONSTRUCTION

Thomas Morrill

Attachments:

CC:

FORM B

PROJECT: Animal Shelter Expansion

CHANGE PROPOSAL NO: 249101-0012

QUOTATION :

Item	Labor	Materials	Subs	Total
Retaining Wall Revisions Per RFI 026	$0.00	$0.00	$15,100.00	$15,100.00
CM Fee	$0.00	$524.00	$0.00	$524.00
To Be Funded By Owners Contingency	$0.00	$(15,912.00)	$0.00	$(15,912.00)
Subcontractor Default Insurance	$0.00	$189.00	$0.00	$189.00
Layout of Revisions for Retaining Wall	$0.00	$0.00	$99.00	$99.00
Totals	$0.00	$(15,199.00)	$15,199.00	$0.00
	Insurance, Tax, Benefits on Labor			$0.00
	Overhead			$0.00
	Fee on Subs			$0.00
	Fee on JTV			$0.00
	Bond			$0.00
	Remodel Tax			$0.00
	TOTAL			**$0.00**

TIME EXTENSION TO CONTRACT: 0 Days

Submitted Date: 5/31/2018

Accepted

By: _____

Date _____

VAUGHN CONSTRUCTION

By: _____
Thomas Morrill

Proposal Valid for 10 Days

REQUEST FOR INFORMATION

VAUGHN CONSTRUCTION
18551 SE Inner Loop
Georgetown, TX
78626

T: (210) 328-0193

RFI NO: 26

To: John Benham
Jackson & Ryan Architects
2370 Rice Boulevard, Suite 210
Houston, TX 77005
Phone: (713) 526-5436
Fax:

From: Thomas Morrill

Date: 03/06/2018

Required By: 03/09/2018

Owner: Williamson County, Texas

Job No : 249101

Project: Animal Shelter Expansion
1855 SE Inner Loop
Georgetown, TX 78626

Re: Greenscreen Column Spacing

Spec. Section:

Drawing Number: 03 A.3-501, S.3-2.03, 01 A.3-5.42, A.3-5

Other Reference:

Question:
1) Reference detail 03 A.3-501 West Elevation- New adoption building and sheet S.3-2.03. The vertical columns on the structural differ from the elevation detail. Please advise if the structural is showing the correct columns and spacing or if the elevation is incorrect. If incorrect, please furnish correct elevation vie for Greenscreen.

2) Reference sheets S.3-2.03, A.3-5.40, A.3-5.42, A.3-5.41 and attached Greenscreen detail. Typical Greenscreen panels are 8 ft wide and require 1/2" clear space per side to accommodate the mounting brackets (see attached). With the 4" HSS columns, the 8'4" spacing from center of post to center will not be enough to install the panels as recommended. The spacing will need to be 8'5" center of column to column. Can the typical spacing for the columns be changed and the end sections at each run be reduced to accommodate this?

Answer:

The greenscreen panels wrap around the top landing of the Public Entry, and have a west elevation at the east end of the Balcony canopy. See new elevation 12/A.3-5.41. The steel shown on this elevation is accounted-for in the Structural Framing shop drawings.

The spacing for the greenscreen support columns will remain as-drawn, and each panel can instead be reduced in width by 2". See revised drawing sheets A.3-5.41 and A.3-5.42 for updated screen wall and retaining all elevations which coordinate w/ the site grading on the approved Site Development drawings.

John Benham, AIA
Jackson & Ryan Architects
03/19/18

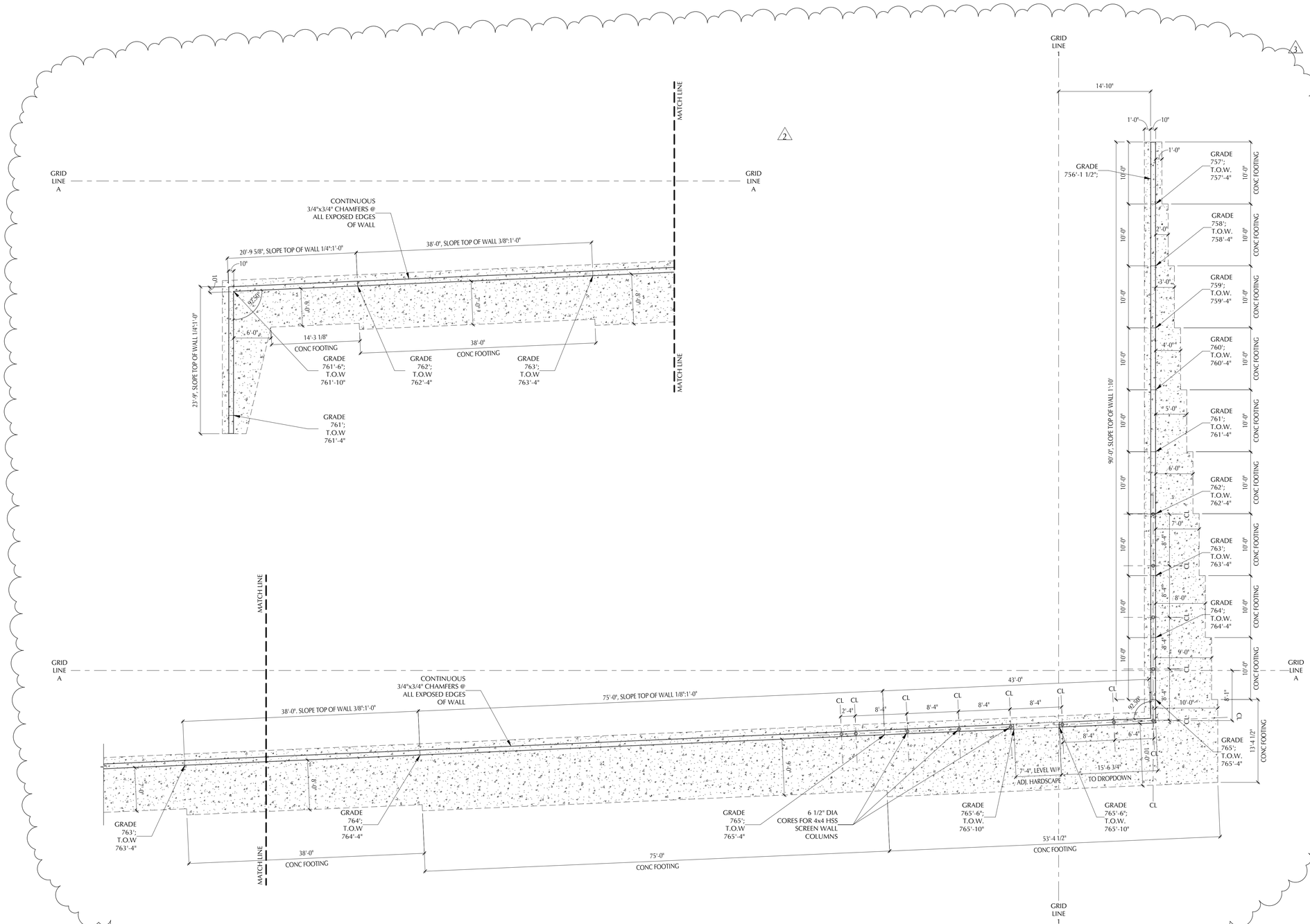
Very truly yours,

VAUGHN CONSTRUCTION

Attachments:

CC:

Date Issued:	
09/27/17	ISSUE FOR PERMIT
11/15/17	FIRST RE-SUBMITTAL - PLAN REVIEW
2 01/25/18	RFI 006
3 03/19/18	RFI 026



01 RETAINING WALL - PLAN
1/8" = 1'-0"

GEORGETOWN PROJECT NO. 2017-39592

Project Number: **16042**

WILLIAMSON COUNTY REGIONAL ANIMAL SHELTER

1855 SE INNER LOOP
GEORGETOWN, TX 78626

JACKSON & RYAN ARCHITECTS
2370 RICE BOULEVARD, HOUSTON, TEXAS 77005

CIVIL ENGINEER
DAVCAR ENGINEERING
512-328-4428
LANDSCAPE ARCHITECT
GARCIA DESIGN
512-892-0353
STRUCTURAL ENGINEER
MATRIX STRUCTURAL ENGINEERS
713-664-0130
MECHANICAL, ELECTRICAL & PLUMBING ENGINEER
SHAH SMITH & ASSOCIATES, INC.
512-851-0404

GENERAL CONTRACTOR
VAUGHN CONSTRUCTION
512-318-1332

REGISTERED ARCHITECT MARTHA SENGER 8878 STATE OF TEXAS

03/19/18

Sheet Content:

RETAINING WALL PLAN

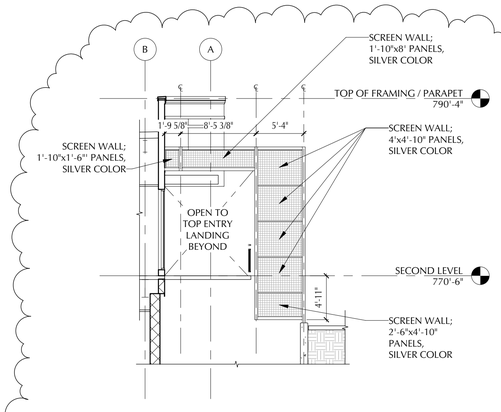
SCALE: 1/8" = 1'-0"

Copyright 2016 JACKSON & RYAN, ARCHITECTS

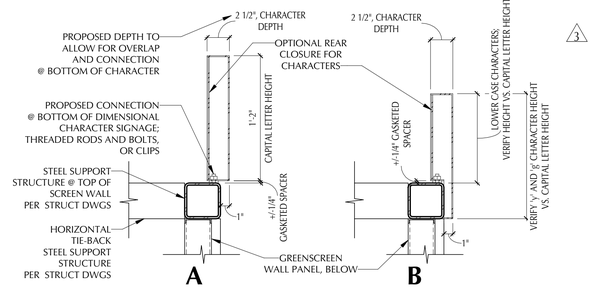
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A.3-5.40

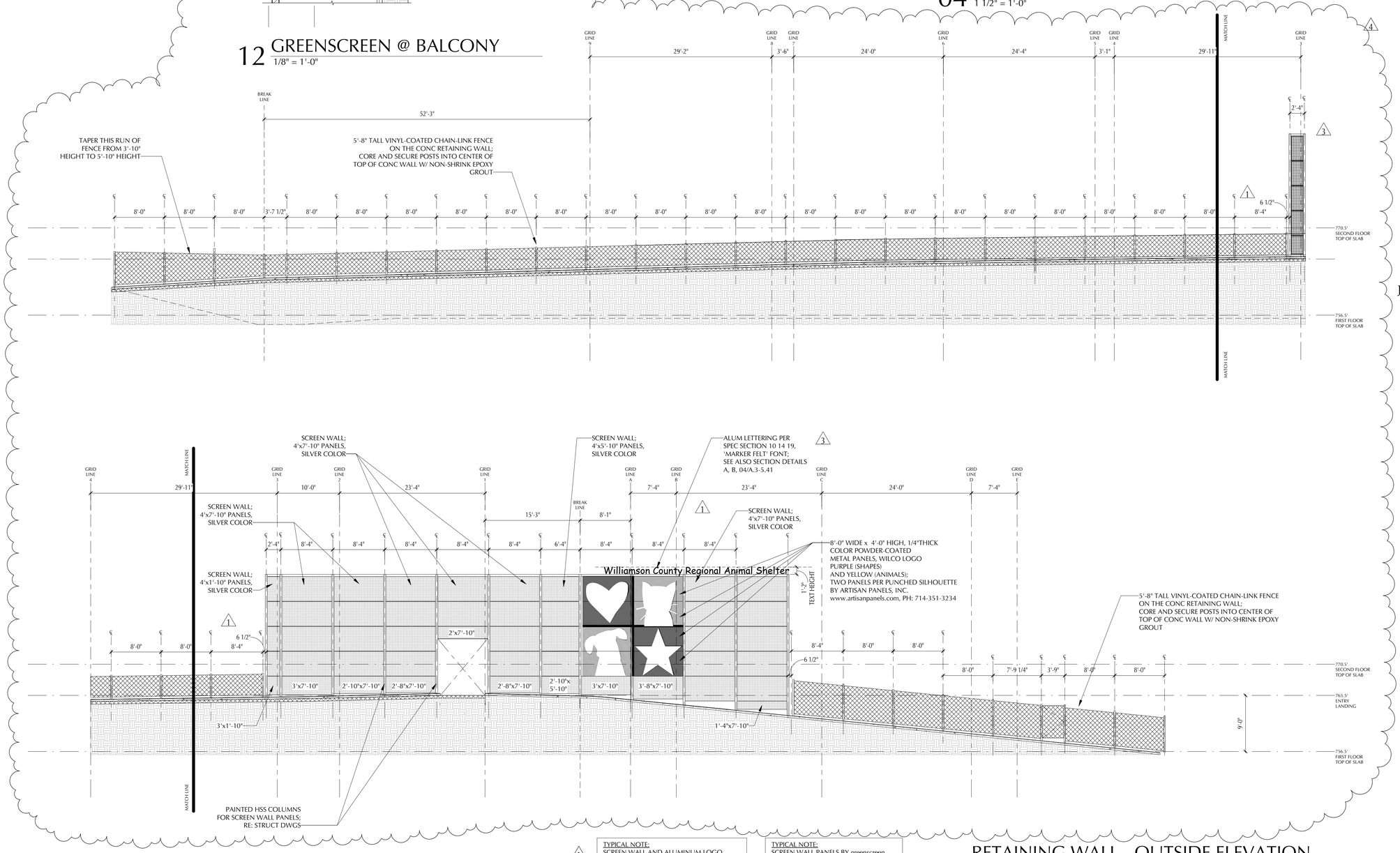
Plot Date: 09/27/17



12 GREENSCREEN @ BALCONY
1/8" = 1'-0"



04 RETAINING WALL - SIGNAGE DETAILS
1 1/2" = 1'-0"



TYPICAL NOTE:
SCREEN WALL AND ALUMINUM LOGO PANEL CONNECTIONS TO STRUCTURE TO BE PER THE PRODUCT MANUFACTURERS' RECOMMENDATIONS

TYPICAL NOTE:
SCREEN WALL PANELS BY greenscreen, www.greenscreen.com, PH: 310-837-0526, OR APPROVED SUBSTITUTION

01 RETAINING WALL - OUTSIDE ELEVATION
1/8" = 1'-0"

Date Issued:

09/27/17	ISSUE FOR PERMIT
1 10/18/17	ADDENDUM 01
11/15/17	FIRST RE-SUBMITTAL - PLAN REVIEW
3 01/17/18	RFI 004
4 03/19/18	RFI 026

GEORGETOWN PROJECT NO. 2017-39592

Project Number: **16042**

WILLIAMSON COUNTY REGIONAL ANIMAL SHELTER

1855 SE INNER LOOP
GEORGETOWN, TX 78626

JACKSON & RYAN ARCHITECTS
2370 RICE BOULEVARD, HOUSTON, TEXAS 77005

CIVIL ENGINEER
DAVCAR ENGINEERING
512-328-4428
LANDSCAPE ARCHITECT
GARCIA DESIGN
512-892-0353
STRUCTURAL ENGINEER
MATRIX STRUCTURAL ENGINEERS
713-664-0130
MECHANICAL, ELECTRICAL & PLUMBING ENGINEER
SHAH SMITH & ASSOCIATES, INC.
512-851-0404

GENERAL CONTRACTOR
VAUGHN CONSTRUCTION
512-318-1332

REGISTERED ARCHITECT MARTHA SENGER STATE OF TEXAS 8678

03/19/18

Sheet Content:

EXTERIOR ELEVATION DETAILS AND SECTIONS

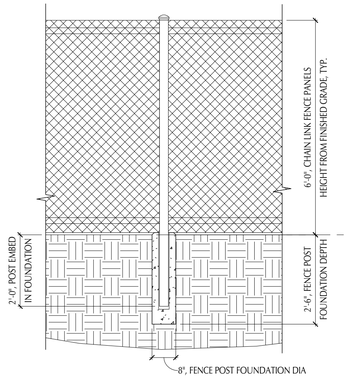
SCALE: As indicated

Copyright 2016 JACKSON & RYAN, ARCHITECTS

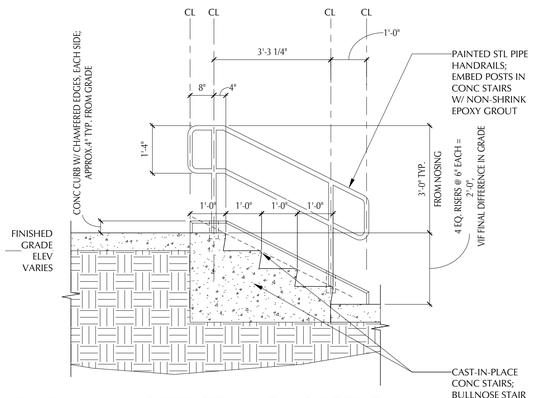
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A.3-5.41

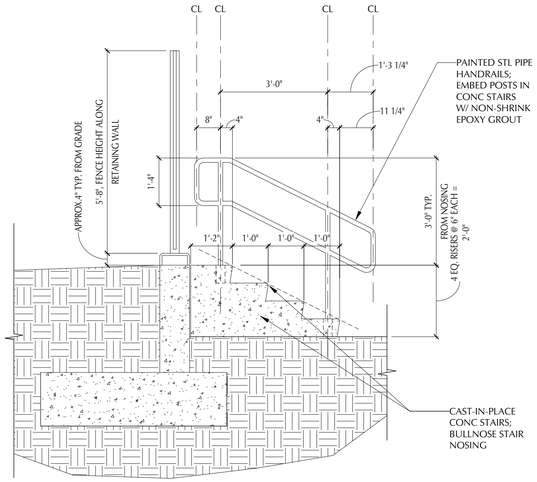
Plot Date: 09/27/17



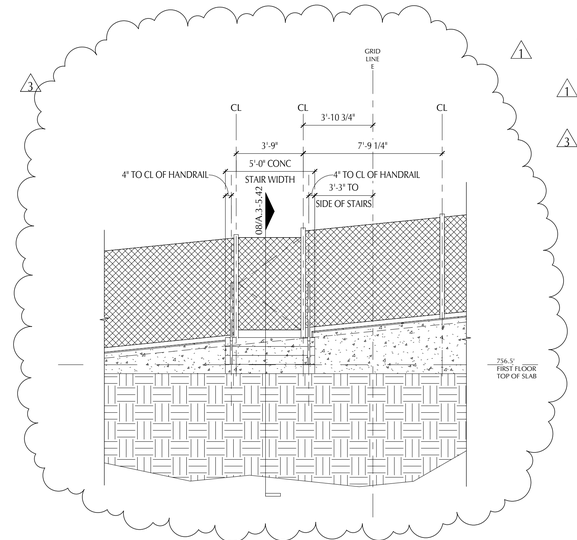
16 CHAIN LINK FENCE POST, TYP.
1/2" = 1'-0"



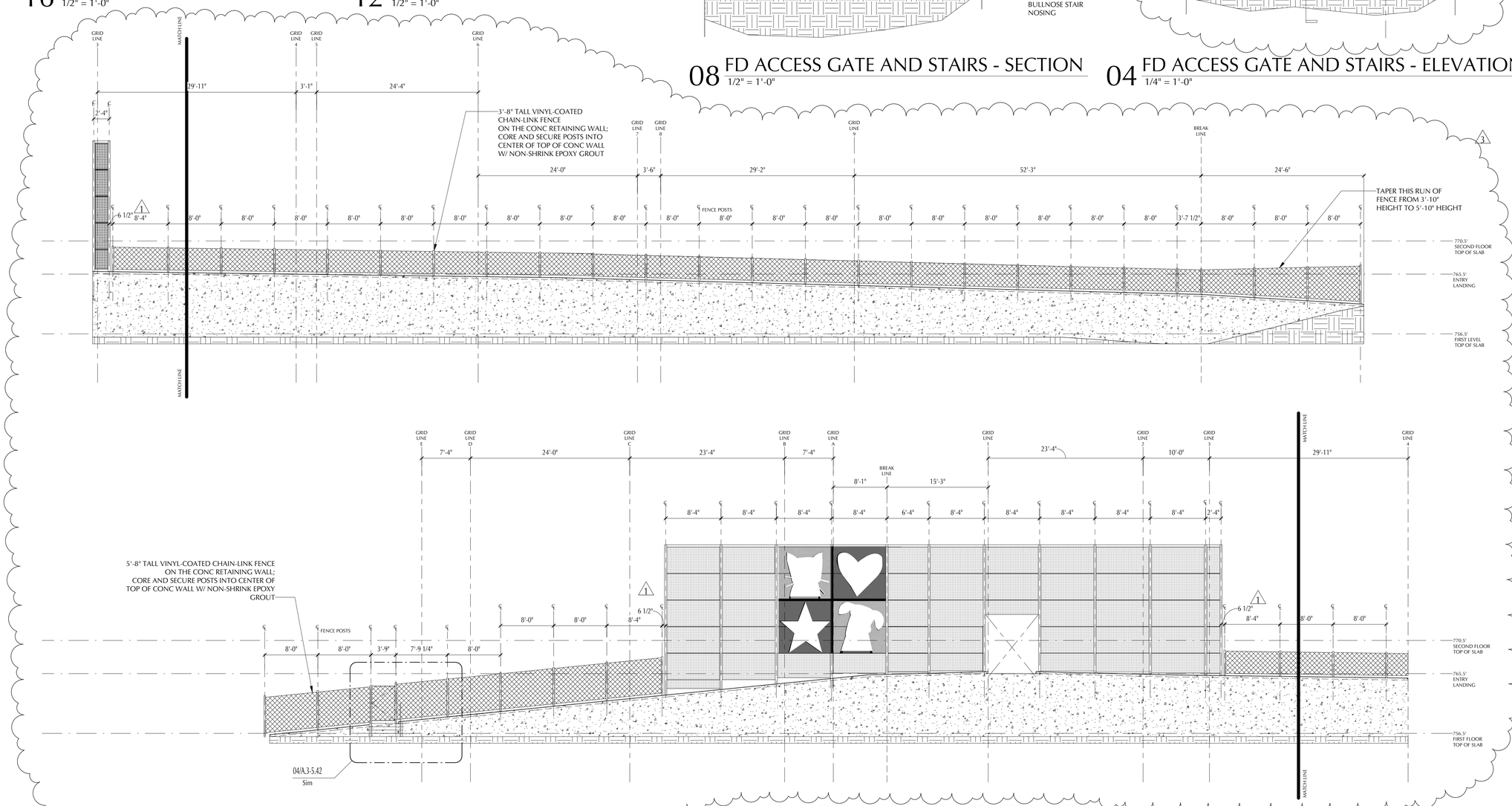
12 SITE STAIRS - SECTION
1/2" = 1'-0"



08 FD ACCESS GATE AND STAIRS - SECTION
1/2" = 1'-0"



04 FD ACCESS GATE AND STAIRS - ELEVATION
1/4" = 1'-0"



TYPICAL NOTE:
SCREEN WALL AND ALUMINUM LOGO PANEL CONNECTIONS TO STRUCTURE TO BE PER THE PRODUCT MANUFACTURERS' RECOMMENDATIONS

TYPICAL NOTE:
SCREEN WALL PANELS BY greenscreen, www.greenscreen.com, PH. 310-837-0526, OR APPROVED SUBSTITUTION

01 RETAINING WALL - INSIDE ELEVATION
1/8" = 1'-0"

Date Issued:	
09/27/17	ISSUE FOR PERMIT
1 10/18/17	ADDENDUM 01
11/15/17	FIRST RE-SUBMITTAL - PLAN REVIEW
3 03/19/18	RFI 026

GEORGETOWN PROJECT NO. 2017-39592

Project Number: **16042**

WILLIAMSON COUNTY REGIONAL ANIMAL SHELTER

1855 SE INNER LOOP
GEORGETOWN, TX 78626

JACKSON & RYAN ARCHITECTS
2370 RICE BOULEVARD, HOUSTON, TEXAS 77005

CIVIL ENGINEER
DAVCAR ENGINEERING
512-328-4428
LANDSCAPE ARCHITECT
GARCIA DESIGN
512-892-0353
STRUCTURAL ENGINEER
MATRIX STRUCTURAL ENGINEERS
713-664-0130
MECHANICAL, ELECTRICAL & PLUMBING ENGINEER
SHAH SMITH & ASSOCIATES, INC.
512-851-0404

GENERAL CONTRACTOR
VAUGHN CONSTRUCTION
512-318-1332

REGISTERED ARCHITECT
MARTHA SENGER
8678
STATE OF TEXAS

03/19/18

Sheet Content:

EXTERIOR ELEVATION DETAILS AND SECTIONS

SCALE: As indicated

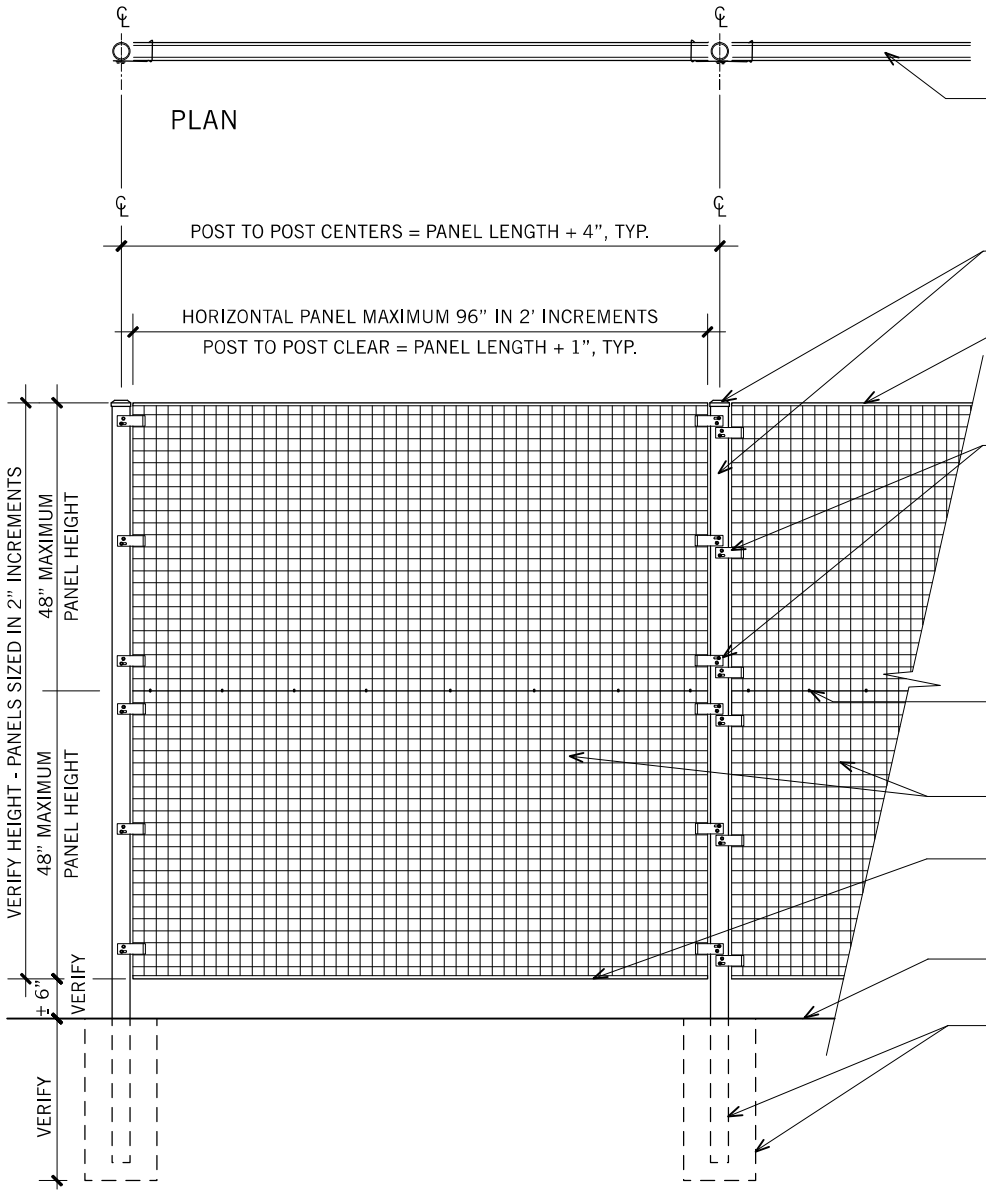
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A.3-5.42

Plot Date: 09/27/17

Freestanding, Horizontal **FENCE / SCREEN**



3" THICK greenscreen® PANEL, TYP.

3" ROUND OR SQUARE STEEL POST W/POST CAP, TYP.

#5104 CHANNEL TRIM OR #5105 STEEL EDGE TRIM, RECOMMENDED AT TOP EDGE OF PANEL, TYP.

#5133X SNAP CLIPS W/ STAINLESS STEEL SCREW, TYP.
PANEL TRIM OPTIONAL WITH #5133X

OPTIONAL: 5141 "C" CLIP W/ #5105 EDGE TRIM REQUIRED @ VERTICAL EDGES USE #5142 + #5136.25 SPACER

FLEX "C" RINGS @ PANEL TO PANEL SEAM @ 12" O.C. OPTIONAL

3" THICK greenscreen® PANEL, TYP.

#5105 STEEL EDGE TRIM RECOMMENDED @ BOTTOM EDGE OF PANEL

FINISH GRADE

POST IMBED LENGTH & FOOTING SIZE SHOULD BE VERIFIED BASED ON OVER-ALL HEIGHT, WINDLOADS & SOIL CONDITIONS.

NOTE: SPECIFIC ENGINEERING MAY BE REQUIRED BASED ON SITE SPECIFIC SOIL CONDITIONS, LOCAL WIND LOADS, AND VERTICAL HEIGHT OF FENCE/SCREEN.

NOTE: VERIFY PANEL SPAN AND CLIP SPACING FOR ALL ROOFTOP INSTALLATIONS AND ALL INSTALLATIONS 20' ABOVE GRADE.

FREESTANDING HORIZONTAL — FENCE / SCREEN

FALL 2015

CHASCO CONSTRUCTORS

P.O. Box 1057
Round Rock, TX 78680
(512) 244-0600
Fax: (512) 244-0489

17207 - WILCO ANIMAL SHELTER RETAINING WALL REVISION

04/10/18

DESCRIPTION	Q'TY	UNIT	TOTAL BID
RETAINING WALL REVISION	1	LS	$ 14,000.00
BACKFILL FOR GAS SUBCONTRACTOR	1	LS	$ 1,100.00
TOTAL REVISION			**$ 15,100.00**

Williamson County Regional Animal Shelter
Form B

Change in Work - Cost Analysis Form

(To Be Completed All Subcontractors, Suppliers & Contractors Associated with the Change Proposal)

roject No. & Name: 2491-02 Wilco Regional Animal Shelter DATE 5/31/2018

Contractor Name: Vaughn Construction Change No. 012

scription of Change: Vaughn General Works Additional Layout for Revisions to Retaining Wall per RFI 026

Means Code	Description	Quantity	Unit	Unit Cost	Labor	Material & Equipment	Subcontract
	General Works Vaughn Layout	4.0		$ 22.43	$90.00	$ -	$ -
					$ -	$ -	$ -
					$ -		
						$ -	$ -
	OH&P (10%)				$ 9.00		
				SUBTOTAL	$ 99.00	$ -	$ -
				BOND			$ -

Work preformed by the Contractor's own employees		**SUBTOTAL**	$ 99.00
Work up to $10,000.00, add…	15.0%		$ -
Work between $10,000.01 and $20,000.00, add…	10.0%		
Work greater than $20,000.00, add…	7.5%		$ -

Managing subcontracted work		**SUBTOTAL**	$ -
Work up to $10,000.00, add…	10.0%		$ -
Work between $10,000.01 and $20,000.00, add…	7.5%		$ -
Work greater than $20,000.00, add…	5.0%		$ -
		Sales Tax 8.25%	$ -
		TOTAL FOR THIS CHANGE PROPOSAL	**$ 99.00**

VAUGHN CONSTRUCTION
18551 SE Inner Loop
Georgetown, TX
78626

T: (210) 328-0193

May 15, 2018

Dale Butler
Williamson County
710 Main Street
Georgetown, TX 78626

Re: Animal Shelter Expansion

Job No: 249101

Subj: Change Proposal No. 249101-0013

Dear Sir or Madam:

We respectfully submit our proposal for an increase to our contract in the amount of $0 (zero) dollars to provide Green Screen Detail Revisions Per RFI 026 for the above referenced project.

Our price is valid for Ten (10) days

Please indicate your acceptance of this change proposal by signing and returning one copy of the attached Form B breakdown of our cost.

Very truly yours,
VAUGHN CONSTRUCTION



Thomas Morrill

Attachments:

CC:

FORM B

PROJECT: Animal Shelter Expansion

CHANGE PROPOSAL NO: 249101-0013

QUOTATION :

Item	Labor	Materials	Subs	Total
Green Screen Detail Revisions Per RFI 026	$0.00	$0.00	$825.00	$825.00
CM Fee	$0.00	$28.00	$0.00	$28.00
To Be Funded By Owners Contingency	$0.00	$(853.00)	$0.00	$(853.00)
Totals	$0.00	$(825.00)	$825.00	$0.00
	Insurance, Tax, Benefits on Labor			$0.00
	Overhead			$0.00
	Fee on Subs			$0.00
	Fee on JTV			$0.00
	Bond			$0.00
	Remodel Tax			$0.00
	TOTAL			**$0.00**

TIME EXTENSION TO CONTRACT: 0 Days

Submitted Date: 5/15/2018

Accepted

By: _____

Date _____

VAUGHN CONSTRUCTION

By: _____
Thomas Morrill

Proposal Valid for 10 Days

REQUEST FOR INFORMATION

VAUGHN CONSTRUCTION
18551 SE Inner Loop
Georgetown, TX
78626

T: (210) 328-0193

RFI NO: 26

To: John Benham
Jackson & Ryan Architects
2370 Rice Boulevard, Suite 210
Houston, TX 77005
Phone: (713) 526-5436
Fax:

From: Thomas Morrill

Date: 03/06/2018

Required By: 03/09/2018

Owner: Williamson County, Texas

Job No : 249101

Project: Animal Shelter Expansion
1855 SE Inner Loop
Georgetown, TX 78626

Re: Greenscreen Column Spacing

Spec. Section:

Drawing Number: 03 A.3-501, S.3-2.03, 01 A.3-5.42, A.3-5

Other Reference:

Question:
1) Reference detail 03 A.3-501 West Elevation- New adoption building and sheet S.3-2.03. The vertical columns on the structural differ from the elevation detail. Please advise if the structural is showing the correct columns and spacing or if the elevation is incorrect. If incorrect, please furnish correct elevation vie for Greenscreen.

2) Reference sheets S.3-2.03, A.3-5.40, A.3-5.42, A.3-5.41 and attached Greenscreen detail. Typical Greenscreen panels are 8 ft wide and require 1/2" clear space per side to accommodate the mounting brackets (see attached). With the 4" HSS columns, the 8'4" spacing from center of post to center will not be enough to install the panels as recommended. The spacing will need to be 8'5" center of column to column. Can the typical spacing for the columns be changed and the end sections at each run be reduced to accommodate this?

Answer:

The greenscreen panels wrap around the top landing of the Public Entry, and have a west elevation at the east end of the Balcony canopy. See new elevation 12/A.3-5.41. The steel shown on this elevation is accounted-for in the Structural Framing shop drawings.

The spacing for the greenscreen support columns will remain as-drawn, and each panel can instead be reduced in width by 2". See revised drawing sheets A.3-5.41 and A.3-5.42 for updated screen wall and retaining all elevations which coordinate w/ the site grading on the approved Site Development drawings.

John Benham, AIA
Jackson & Ryan Architects
03/19/18

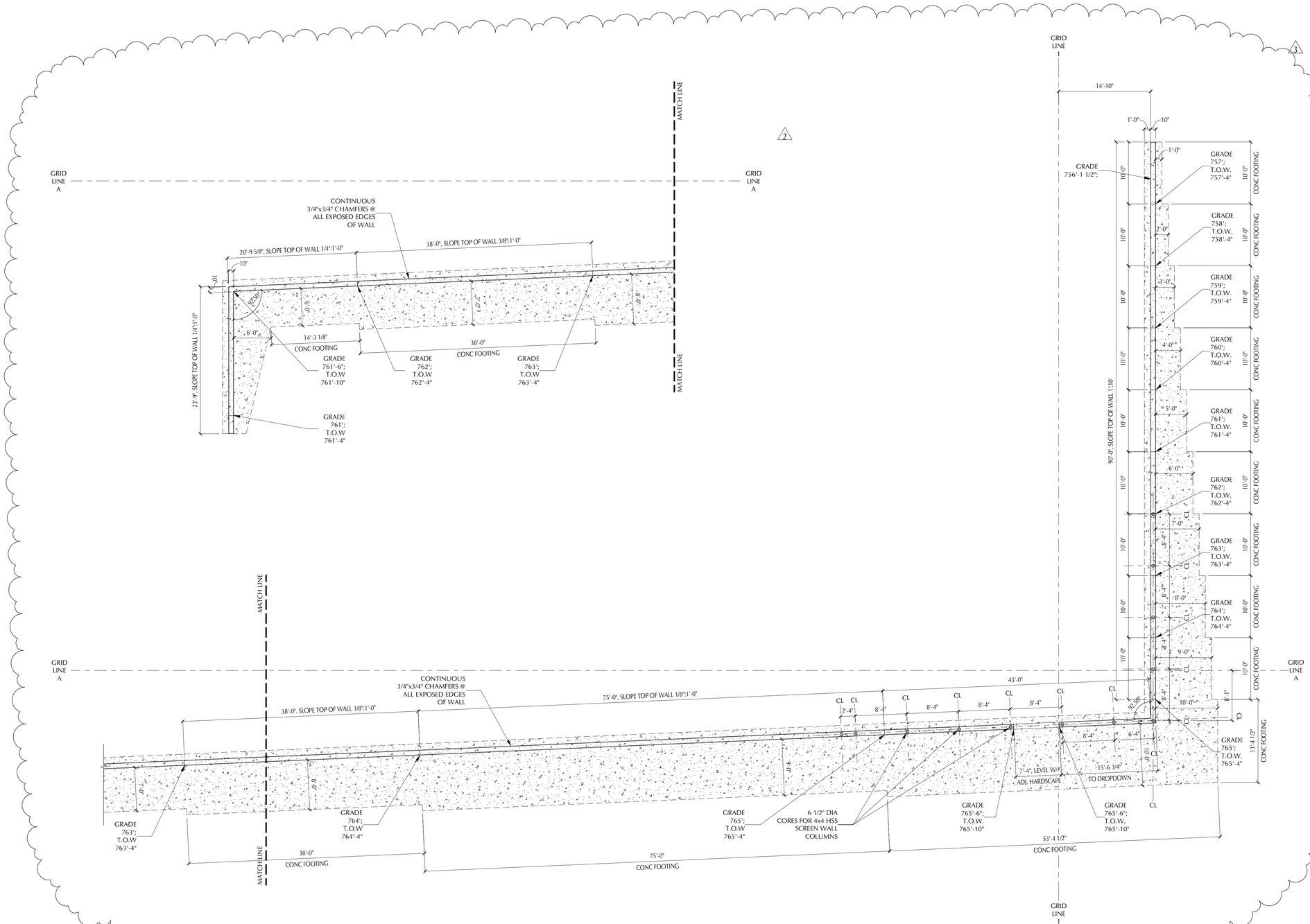
Very truly yours,

VAUGHN CONSTRUCTION

Attachments:

CC:

Date Issued:	
09/27/17	ISSUE FOR PERMIT
11/15/17	FIRST RE-SUBMITTAL - PLAN REVIEW
2 01/25/18	RFI 006
3 03/19/18	RFI 026



01 RETAINING WALL - PLAN
1/8" = 1'-0"

GEORGETOWN PROJECT NO. 2017-39592

Project Number: **16042**

WILLIAMSON COUNTY REGIONAL ANIMAL SHELTER

1855 SE INNER LOOP
GEORGETOWN, TX 78626

JACKSON & RYAN ARCHITECTS
2370 RICE BOULEVARD, HOUSTON, TEXAS 77005

CIVIL ENGINEER
DAVCAR ENGINEERING
512-328-4428
LANDSCAPE ARCHITECT
GARCIA DESIGN
512-892-0353
STRUCTURAL ENGINEER
MATRIX STRUCTURAL ENGINEERS
713-664-0130
MECHANICAL, ELECTRICAL & PLUMBING ENGINEER
SHAH SMITH & ASSOCIATES, INC.
512-851-0404

GENERAL CONTRACTOR
VAUGHN CONSTRUCTION
512-318-1332

REGISTERED ARCHITECT MARTHA SENGER 8878 STATE OF TEXAS

03/19/18

Sheet Content:

RETAINING WALL PLAN

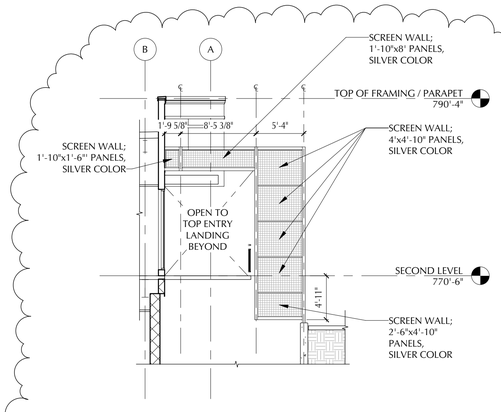
SCALE: 1/8" = 1'-0"

Copyright 2016 JACKSON & RYAN, ARCHITECTS

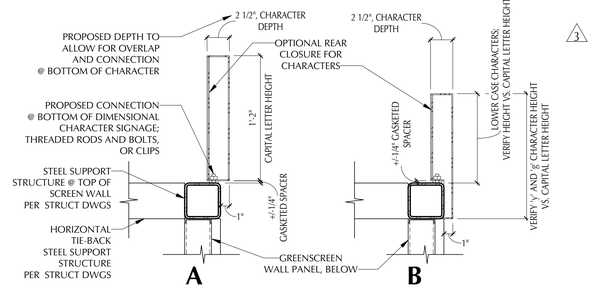
Drawings and Specifications as instruments of service are and shall remain the property of the Architect. They are not to be used on other projects or extensions to this project exept by agreement in writing and with appropriate compensation to the Architect. Contractor is responible for confirming and correlating dimensions at job site; the Architect will not be responsible for construction means, methods, techniques, sequences or procedures; or for safety precautions and programs in connection with the project.

A.3-5.40

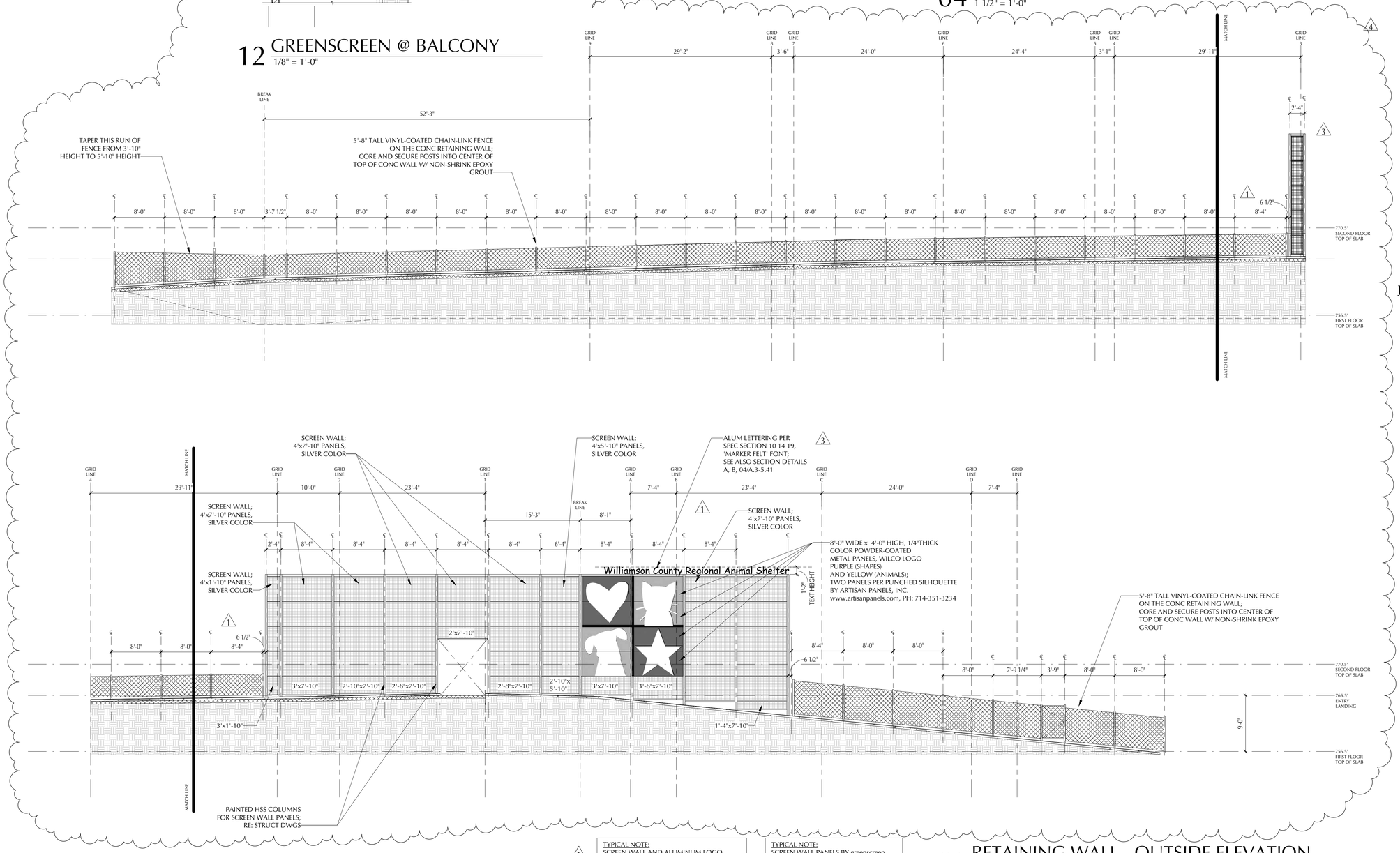
Plot Date: 09/27/17



12 GREENSCREEN @ BALCONY
1/8" = 1'-0"



04 RETAINING WALL - SIGNAGE DETAILS
1 1/2" = 1'-0"



TYPICAL NOTE:
SCREEN WALL AND ALUMINUM LOGO PANEL CONNECTIONS TO STRUCTURE TO BE PER THE PRODUCT MANUFACTURERS' RECOMMENDATIONS

TYPICAL NOTE:
SCREEN WALL PANELS BY greenscreen, www.greenscreen.com, PH: 310-837-0526, OR APPROVED SUBSTITUTION

01 RETAINING WALL - OUTSIDE ELEVATION
1/8" = 1'-0"

Date Issued:

09/27/17	ISSUE FOR PERMIT
1 10/18/17	ADDENDUM 01
11/15/17	FIRST RE-SUBMITTAL - PLAN REVIEW
3 01/17/18	RFI 004
4 03/19/18	RFI 026

GEORGETOWN PROJECT NO. 2017-39592

Project Number: **16042**

WILLIAMSON COUNTY REGIONAL ANIMAL SHELTER

1855 SE INNER LOOP
GEORGETOWN, TX 78626

JACKSON & RYAN ARCHITECTS
2370 RICE BOULEVARD, HOUSTON, TEXAS 77005

CIVIL ENGINEER
DAVCAR ENGINEERING
512-328-4428
LANDSCAPE ARCHITECT
GARCIA DESIGN
512-892-0353
STRUCTURAL ENGINEER
MATRIX STRUCTURAL ENGINEERS
713-664-0130
MECHANICAL, ELECTRICAL & PLUMBING ENGINEER
SHAH SMITH & ASSOCIATES, INC.
512-851-0404

GENERAL CONTRACTOR
VAUGHN CONSTRUCTION
512-318-1332

REGISTERED ARCHITECT MARTHA SENGER STATE OF TEXAS 8678

03/19/18

Sheet Content:

EXTERIOR ELEVATION DETAILS AND SECTIONS

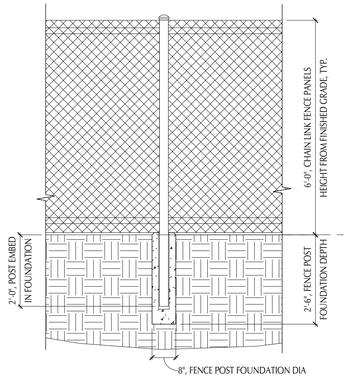
SCALE: As indicated

Copyright 2016 JACKSON & RYAN, ARCHITECTS

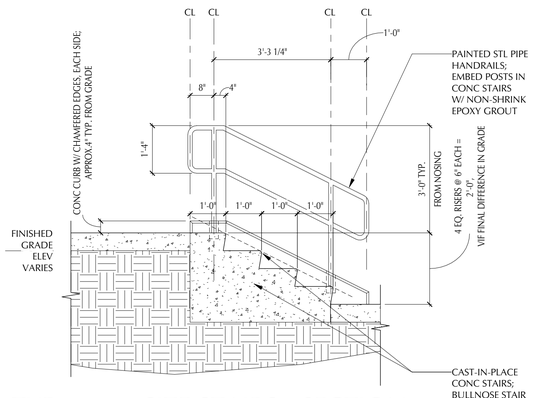
Drawings and Specifications as instruments of service are and shall remain the property of the Architect. They are not to be used on other projects or extensions to this project exept by agreement in writing and with appropriate compensation to the Architect. Contractor is responsible for confirming and correlating dimensions at job site; the Architect will not be responsible for construction means, methods, techniques, sequences or procedures; or for safety precautions and programs in connection with the project.

A.3-5.41

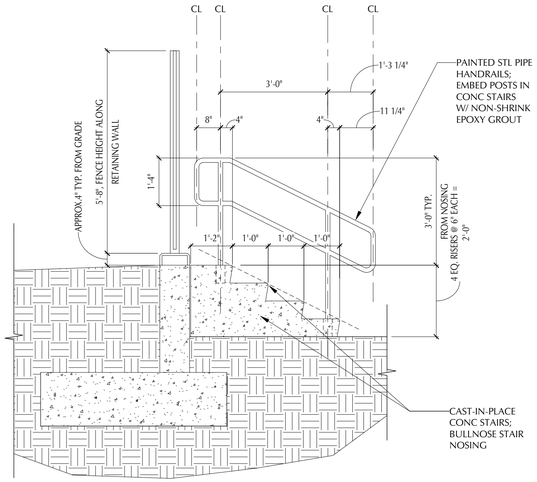
Plot Date: 09/27/17



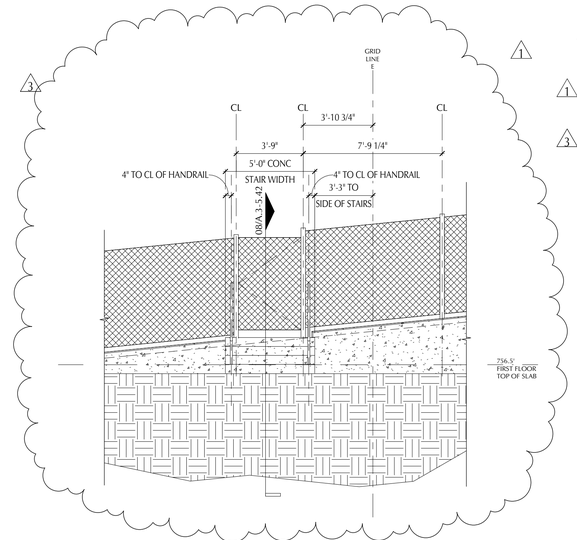
16 CHAIN LINK FENCE POST, TYP.
1/2" = 1'-0"



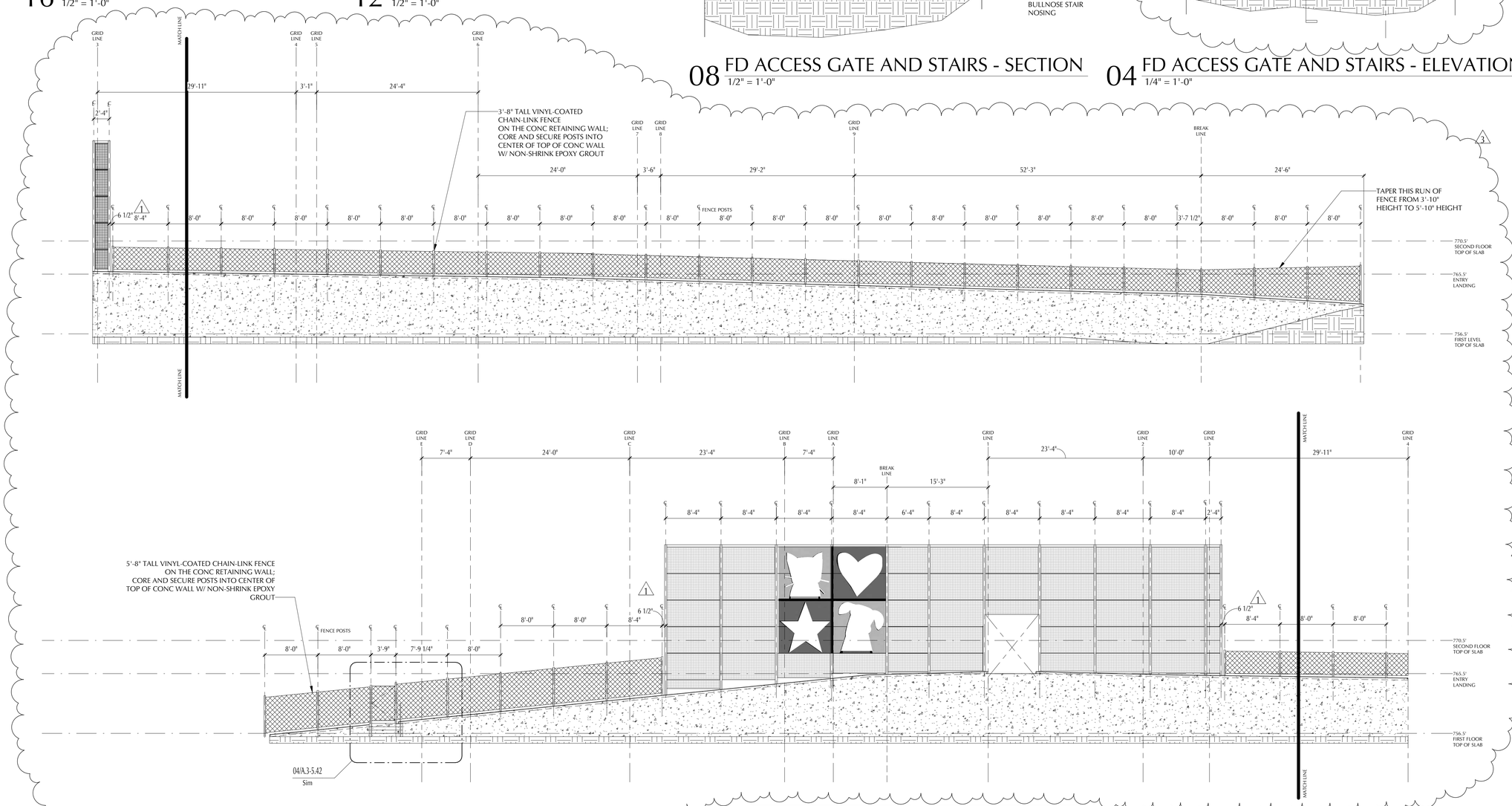
12 SITE STAIRS - SECTION
1/2" = 1'-0"



08 FD ACCESS GATE AND STAIRS - SECTION
1/2" = 1'-0"



04 FD ACCESS GATE AND STAIRS - ELEVATION
1/4" = 1'-0"



TYPICAL NOTE:
SCREEN WALL AND ALUMINUM LOGO PANEL CONNECTIONS TO STRUCTURE TO BE PER THE PRODUCT MANUFACTURERS' RECOMMENDATIONS

TYPICAL NOTE:
SCREEN WALL PANELS BY greenscreen, www.greenscreen.com, PH. 310-837-0526, OR APPROVED SUBSTITUTION

01 RETAINING WALL - INSIDE ELEVATION
1/8" = 1'-0"

Date Issued:	
09/27/17	ISSUE FOR PERMIT
1 10/18/17	ADDENDUM 01
11/15/17	FIRST RE-SUBMITTAL - PLAN REVIEW
3 03/19/18	RFI 026

GEORGETOWN PROJECT NO. 2017-39592

Project Number: **16042**

WILLIAMSON COUNTY REGIONAL ANIMAL SHELTER

1855 SE INNER LOOP
GEORGETOWN, TX 78626

JACKSON & RYAN ARCHITECTS
2370 RICE BOULEVARD, HOUSTON, TEXAS 77005

CIVIL ENGINEER
DAVCAR ENGINEERING
512-328-4428
LANDSCAPE ARCHITECT
GARCIA DESIGN
512-892-0353
STRUCTURAL ENGINEER
MATRIX STRUCTURAL ENGINEERS
713-664-0130
MECHANICAL, ELECTRICAL & PLUMBING ENGINEER
SHAH SMITH & ASSOCIATES, INC.
512-851-0404

GENERAL CONTRACTOR
VAUGHN CONSTRUCTION
512-318-1332

REGISTERED ARCHITECT
MARTHA SENGER
8678
STATE OF TEXAS

03/19/18

Sheet Content:

EXTERIOR ELEVATION DETAILS AND SECTIONS

SCALE: As indicated

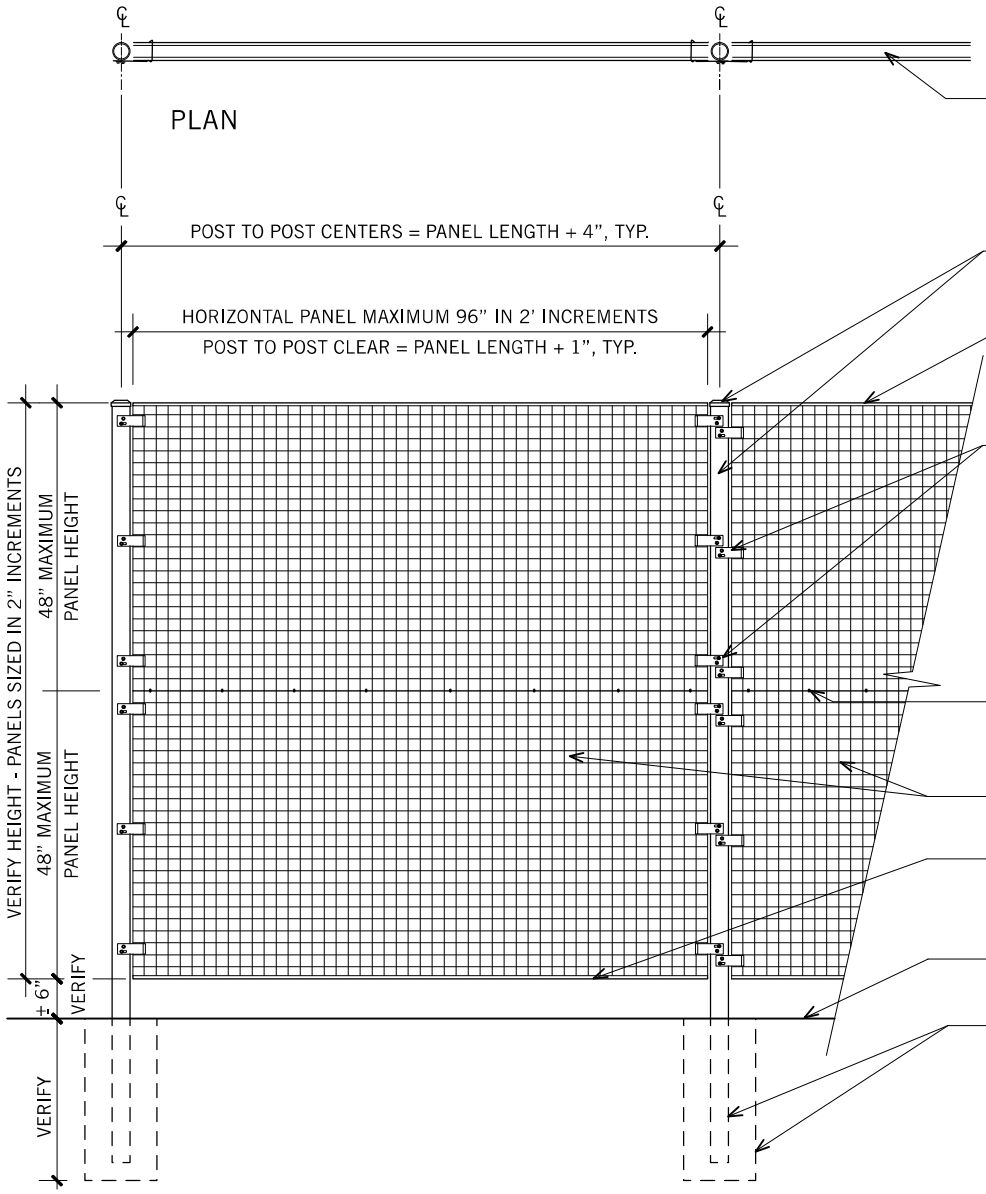
Copyright 2016 JACKSON & RYAN, ARCHITECTS

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A.3-5.42

Plot Date: 09/27/17

Freestanding, Horizontal **FENCE / SCREEN**



3" THICK greenscreen® PANEL, TYP.

3" ROUND OR SQUARE STEEL POST W/POST CAP, TYP.

#5104 CHANNEL TRIM OR #5105 STEEL EDGE TRIM, RECOMMENDED AT TOP EDGE OF PANEL, TYP.

#5133X SNAP CLIPS W/ STAINLESS STEEL SCREW, TYP.
PANEL TRIM OPTIONAL WITH #5133X

OPTIONAL: 5141 "C" CLIP W/ #5105 EDGE TRIM REQUIRED @ VERTICAL EDGES USE #5142 + #5136.25 SPACER

FLEX "C" RINGS @ PANEL TO PANEL SEAM @ 12" O.C. OPTIONAL

3" THICK greenscreen® PANEL, TYP.

#5105 STEEL EDGE TRIM RECOMMENDED @ BOTTOM EDGE OF PANEL

FINISH GRADE

POST IMBED LENGTH & FOOTING SIZE SHOULD BE VERIFIED BASED ON OVER-ALL HEIGHT, WINDLOADS & SOIL CONDITIONS.

NOTE: SPECIFIC ENGINEERING MAY BE REQUIRED BASED ON SITE SPECIFIC SOIL CONDITIONS, LOCAL WIND LOADS, AND VERTICAL HEIGHT OF FENCE/SCREEN.

NOTE: VERIFY PANEL SPAN AND CLIP SPACING FOR ALL ROOFTOP INSTALLATIONS AND ALL INSTALLATIONS 20' ABOVE GRADE.

FREESTANDING HORIZONTAL — FENCE / SCREEN

FALL 2015

MYREX INDUSTRIES

Fabricators of Commercial and Industrial Steel

City of Houston Certified #367
9119 Weedy Ln. Houston, TX 77093
(713) 691-5200 Main Fax (713) 691-3355 Sales Fax (713) 691-4646

*** CHANGE ORDER REQUEST ***

DATE OF CHANGE ORDER	March 21, 2018
DATE OF LAST REVISION	
MYREX JOB NO.	11174
MYREX CHANGE NO.	-001
CUSTOMER CHANGE ORDER OR RFI NO.	RFI #26
PROJECT	Williamson County Animal Shelter
CONTRACTOR NAME	VAUGHN CONSTRUCTION
PROJECT MANAGER	Thomas Morrill
JOB SITE PHONE	
JOB SITE FAX	

PLEASE PROCESS A CHANGE ORDER TO OUR PURCHASE ORDER FOR THE EXTRA WORK DESCRIBED BELOW:

Elevations at bottom for all green screen post revised at retaining wall

All material will be painted with one coat of Myrex standard shop primer with SSPC-SP2 cleaning u.n.o.

Materials					Material Amount	0.00
Fabrication	Manhours	0.00	Hourly Rate	55.00	Fabrication Labor	0.00
Detailing	Manhours	13.63	Hourly Rate	55.00	Detailing Time	749.65
Project Mgr	Manhours	0	Hourly Rate	55.00	Project Mgr Time	0.00
					Freight	0.00

ITEM DESCRIPTIONS AND AMOUNTS: Galvanizing, Miscellaneous, Buyouts, etc.

See Page 2 for Grand Total

Subtotal from Page 1		749.65
5.00%	Overhead	37.48
5.00%	Profit	37.48
	Erection	
	Erection Overhead/Profit	0.00
	Customer Adjustment	0.39

NOTES

CHANGE TOTALS

	Change Amount	**825.00**
	Tax Amount	**0.00**
	GRAND TOTAL	**825.00**

The status of this Change Order is ***Unapproved***

Approved = Myrex has received formal Change Order.

Unapproved = Myrex has been authorized to proceed, with formal Change Order to follow.

Quoted only = Myrex has not been authorized to proceed.

Please initial here _____ to verify Change Order status.

MYREX INDUSTRIES | **VAUGHN CONSTRUCTION**

Caden Fishbeck | **Authorized Signature**

NOTES: EXTRA WORK WILL NOT BE PERFORMED UNTIL A SIGNED COPY OF THIS REQUEST IS RETURNED TO MYREX INDUSTRIES. THE CHANGES QUOTED HEREIN WILL IMPACT THE MYREX PRODUCTION SCHEDULE BY A MINIMUM OF 0.00 WORKING DAYS.

VAUGHN CONSTRUCTION
18551 SE Inner Loop
Georgetown, TX
78626

T: (210) 328-0193

May 15, 2018

Dale Butler
Williamson County
710 Main Street
Georgetown, TX 78626

Re: Animal Shelter Expansion

Job No: 249101

Subj: Change Proposal No. 249101-0014

Dear Sir or Madam:

We respectfully submit our proposal for an increase to our contract in the amount of $0 (zero) dollars to provide Revisions to the Canopy Hood Per Jackson & Ryan's ASI 003 Dated 4/5/18 for the above referenced project.

Our price is valid for Ten (10) days

Please indicate your acceptance of this change proposal by signing and returning one copy of the attached Form B breakdown of our cost.

Very truly yours,
VAUGHN CONSTRUCTION

Thomas Morrill

Attachments:

CC:

FORM B

PROJECT: Animal Shelter Expansion

CHANGE PROPOSAL NO: 249101-0014

QUOTATION :

Item	Labor	Materials	Subs	Total
Revisions to the Canopy Hood Per ASI 003	$0.00	$0.00	$726.00	$726.00
CM Fee	$0.00	$25.00	$0.00	$25.00
To Be Funded By Owners Contingency	$0.00	$(751.00)	$0.00	$(751.00)
Totals	$0.00	$(726.00)	$726.00	$0.00
	Insurance, Tax, Benefits on Labor			$0.00
	Overhead			$0.00
	Fee on Subs			$0.00
	Fee on JTV			$0.00
	Bond			$0.00
	Remodel Tax			$0.00
	TOTAL			**$0.00**

TIME EXTENSION TO CONTRACT: 0 Days

Submitted Date: 5/15/2018

Accepted

By: _____

Date _____

VAUGHN CONSTRUCTION

By: _____
Thomas Morrill

Proposal Valid for 10 Days

AIA® Document G710™ – 1992

Architect's Supplemental Instructions

PROJECT: *(Name and address)*

Williamson County Regional Animal Shelter
1855 SE Inner Loop
Georgetown, TX 78626

ARCHITECT'S SUPPLEMENTAL INSTRUCTION NUMBER: 003

DATE OF ISSUANCE: 05 April 2018

CONTRACT FOR: New Construction

CONTRACT DATE: 08 January 2018

OWNER ☒
ARCHITECT ☒
CONSULTANT ☐
CONTRACTOR ☒
FIELD ☒
OTHER ☐

OWNER: *(Name and address)*

Williamson County -
Williamson County Facilities
3101 SE Inner Loop
Georgetown, TX. 78626

FROM ARCHITECT: *(Name and address)*

Jackson & Ryan Architects
2370 Rice Blvd., Suite 210
Houston, Texas 77005

TO CONTRACTOR: *(Name and address)*

Vaughn Construction
6604 N. Lamar
Austin, Texas 78752

ARCHITECT'S PROJECT NUMBER: 16042



05 April 2018

The Work shall be carried out in accordance with the following supplemental instructions issued in accordance with the Contract Documents without change in Contract Sum or Contract Time. Proceeding with the Work in accordance with these instructions indicates your acknowledgment that there will be no change in the Contract Sum or Contract Time.

DESCRIPTION:

ASI 003 submits revisions to the Canopy Hood parameters on Mechanical Schedules sheet M.2-0.02.

ATTACHMENTS:
(Here insert listing of documents that support description.)

One (1) 8.5x11 Cover Page, one (1) 8.5x11 Narrative page, and one (1) 24x36 full-size drawing sheet.

ISSUED BY THE ARCHITECT:

(Signature)

Martha Seng, FAIA
(Printed name and title)

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JACKSON & RYAN
ARCHITECTS

2370 Rice Boulevard, Suite 210
Houston, TX 77005
713.526.5436



04/05/18

Architect's Supplemental Instructions
ASI # 003

☑ CONTRACTOR ☑ FIELD ☑ ARCHITECT ☐ CONSULTANT ☑ OWNER ☐ OTHER

Project: Williamson County Regional Animal Shelter
1855 SE Inner Loop
Georgetown, TX 78626

Date Issued: 04/05/18
Contract For: WilCo Animal Shelter
Contract Dated: 01/8/18
Architect's Project Number: 16042

To Contractor: Thomas Morrill
Vaughn Construction
6604 N. Lamar
Austin, TX. 78752

Owner: Dale Butler
Williamson County Facilities
3101 SE Inner Loop
Georgetown, TX 78626

NOTICE TO CONTRACTOR: These supplemental instructions interpret the Contract Documents or order minor changes in the Work without changing the Contract Sum or Contract Time. Proceeding with the work in accordance with these instructions signifies the Contractor's acknowledgement of no change in the Contract Sum or Contract Time.

Description:
ASI 003 revises Canopy Hood parameters on Mechanical Schedules sheet M.2-0.02.

Attachments:
Sheet M.2-0.02.

Issued by the Architect:

(*Signature*)

Martha Seng, FAIA

(*Printed Name*)

SCHEDULE - PACKAGED DX UNIT W/ GAS HEAT

				SUPPLY AIR						EXHAUST AIR											
MARK	LEVEL	TOTAL CFM	OUTSIDE AIR CFM	TOTAL SUPPLY CFM	QTY. FANS	OUTSIDE AIR FLOW	EXT. S.P. IN. W.G.	MOTOR BHP (SA)	MOTOR HP (SA)	CFM	QTY. FANS	EXT. S.P. IN. W.	MOTOR BHP (EA)	MOTOR HP (EA)	VOLTS	PH	HZ	MCA	MOCP	MIN DESIGN EER	REMARKS
AHU-1	Level 1	3780	3780	3780	1	3780	0.35	3.22	5	3830	1	0.50	2.17	5	460	3	60	45.7	50	10.8 EER	TRANE HORIZON G300
AHU-2	Level 1	4460	4460	4460	1	4460	0.75	4.63	5	3945	1	0.50	2.38	5	460	3	60	59.2	70	10.8 EER	TRANE HORIZON G240
AHU-3	Level 1	3380	3380	3380	1	3380	0.75	2.61	5	2820	1	0.50	1.58	5	460	3	60	33.3	40	11.0 EER	TRANE HORIZON G144
AHU-4	Level 1	2820	2820	2820	1	2820	0.50	2.19	5	2870	1	0.50	1.37	5	460	3	60	33.3	40	11.0 EER	TRANE HORIZON G144

SCHEDULE - PACKAGED DX UNIT W/ GAS HEAT CONT.

				GAS HEAT				DX COOLING								REHEAT COIL							
MARK	LEVEL	TOTAL CFM	OUTSIDE AIR CFM	CFM	EAT ºF	LAT ºF	HEATING MBTUH	CFM	EAT DB ºF	EAT WB ºF	LAT DB ºF	LAT WB ºF	TOTAL MBTUH	MIN. SENS. MBTUH	REFRIGERANT	CFM MAX	MIN. CAP. MBH	EAT DB	EAT WB	LAT DB	LAT WB	MIN DESIGN EER	REMARKS
AHU-1	Level 1	3780	3780	3780	51	80	150	3780	84	69	54	53	188	120	R410A	3780	66	54	53	70	60	10.8 EER	TRANE HORIZON G300
AHU-2	Level 1	4460	4460	4460	49	82	160	4460	85	70	54	53	220	140	R410A	4460	82	54	53	71	60	10.8 EER	TRANE HORIZON G240
AHU-3	Level 1	3380	3380	3380	54	90	120	3380	83	69	55	54	127	87	R410A	3380	55	55	54	70	60	11.0 EER	TRANE HORIZON G144
AHU-4	Level 1	2820	2820	2820	55	94	120	2820	82	68	54	53	125	81	R410A	2820	55	54	53	72	60	11.0 EER	TRANE HORIZON G144

PACKAGED DX UNIT NOTES

1. UNITS SHALL BE HORIZONTAL SUPPLY/HORIZONTAL RETURN. DOWNFLOW UNITS WITH HORIZONTAL DISCHARGE CURBS ARE NOT ACCEPTABLE.
2. UNIT CONSTRUCTION SHALL BE 2" DOUBLE WALL WITH R-13 FOAM INSULATION.
3. UNITS SHALL INCLUDE MINIMUM 6" SEPARATION BETWEEN THE EVAPORATOR COIL AND THE HOT GAS REHEAT COIL.
4. UNITS SHALL INCLUDE APR VALVE ON FIRST CIRCUIT FOR CAPACITY MODULATION.
5. UNITS SHALL INCLUDE STAINLESS STEEL DRAIN PAN.
6. UNITS SHALL INCLUDE STAINLESS STEEL GAS HEAT EXCHANGER.
7. SUPPLY FAN MOTOR SHALL BE ECM OR DIRECT DRIVE WITH VFD AND SLIDE OUT BLOWER.
8. UNITS SHALL INCLUDE POWER EXHAUST.
9. UNITS SHALL INCLUDE HAIL GUARDS.
10. UNIT EFFICIENCIES MUST MEET MINIMUM OF IECC 2012.
11. FURNISH UNITS WITH AN ECONOMIZER.
12. UNITS SHALL INCLUDE ENERGY RECOVERY WHEEL WITH MINIMUM EFFICIENCY AS SCHEDULED BELOW.
13. UNITS SHALL INCLUDE UNIT CONTROLLER WITH LCD DISPLAY FOR EASE OF TROUBLESHOOTING.

SCHEDULE - ENTHALPY WHEEL

		SUMMER CONDITIONS										WINTER CONDITIONS										ENTHALPY WHEEL				
		SUPPLY AIR						EXHAUST AIR				SUPPLY AIR						EXHAUST AIR								
MARK	LOCATION	CFM	EAT DB	EAT WB	LAT DB	LAT WB	WHEEL SP "H2O	CFM	EAT DB	EAT WB	WHEEL SP "H2O	CFM	EAT DB	EAT WB	LAT DB	LAT WB	WHEEL SP "H2O	CFM	EAT DB	EAT WB	WHEEL SP "H2O	MOTOR HP	VOLTS	PH	HZ	REMARKS
AHU-1	AHU-1	3780	100	78	82	68	1.00	3830	75	63	1.00	3780	22	22	51	46	1.00	3830	70	58	1.00	0.25	460	3	60	AIRXCHANGE AIRX ERC
AHU-2	AHU-2	4460	100	78	85	70	1.00	3945	75	63	1.00	4460	22	22	49	44	1.00	3945	70	58	1.00	0.25	460	3	60	AIRXCHANGE AIRX ERC
AHU-3	AHU-3	3380	100	78	83	69	0.75	2820	75	63	0.75	3380	22	22	54	48	0.75	2820	70	58	0.75	0.25	460	3	60	AIRXCHANGE AIRX ERC
AHU-4	AHU-4	2820	100	78	82	68	0.75	2870	75	63	0.75	2820	22	22	55	48	0.75	2870	70	58	0.75	0.25	460	3	60	AIRXCHANGE AIRX ERC

ENTHALPY WHEEL NOTES

1. FURNISHED AS PACKAGE WITH AHU.
2. SUPPLY AIR MINIMUM EFFICIENCES FOR AHUS ARE AS FOLLOWS:
   AHU-1 - 79%
   AHU-2 - 57%
   AHU-3 - 67%
   AHU-4 - 69%

SCHEDULE - FAN

					E.S.P IN			POWER			FAN	INTERLOCK	
MARK	SERVICE	TYPE	DRIVE	CFM	H20	BRAKE HP	HP	VOLTS	PH	HZ	RPM	WITH	REMARKS
EF-2-1	HOOD EXHAUST	UPBLAST	DIRECT	825	0.285	0.12	0.25	115	1	60	1551	CH-2-1	GREENHECK CUE-095-VG

FAN SCHEDULE NOTES

1. PROVIDE ALUMINUM INSECT SCREEN.
2. COAT INSIDE/OUTSIDE OF FAN PER SPECIFICATIONS.
3. PROVIDE ROOF CURB. PRE-WIRED DISCONNECT SWITCH. VERIFY ROOF PITCH.
4. PROVIDE WITH FACTORY MATCH STARTER/DISCONNECT TO BE INSTALLED BY DIV. 26.
5. PROVIDE PRE-WIRED MOTORIZED BACKDRAFT DAMPER.

SCHEDULE - CANOPY HOOD

											8	
MARK	LEVEL	SERVICE	TOTAL CFM	S.P. (IN)	CANOPY LENGTH	CANOPY WIDTH	CANOPY HEIGHT	EXHAUST CONNECTION LENGTH	EXHAUST CONNECTION WIDTH	THROAT AREA (SQ FT)	THROAT VELOCITY (FPM)	MANUFACTURER & MODEL
CH-2-1	Level 1	DISH WASH EXHAUST	825	0.035	36"	36"	24"	20"	11"	1.5	540	GREENHECK FGR

CANOPY HOOD SCHEDULE NOTES

1. PROVIDE STAINLESS STEEL CANOPY HOOD.

SCHEDULE - DIFFUSER & GRILLE

MARK	CFM RANGE	NECK SIZE	SUPPLY	RETURN	EXHAUST	TYPE	PATTERN	MANUFACTURER & MODEL NUMBER
A	0-180	6"	X			24" X 24" PLAQUE	4-WAY	PRICE ASPD FULL FACE ALUMINUM CONSTRUCTION
B	181-350	8"	X			24" X 24" PLAQUE	4-WAY	PRICE ASPD FULL FACE ALUMINUM CONSTRUCTION
C	351-450	10"	X			24" X 24" PLAQUE	4-WAY	PRICE ASPD FULL FACE ALUMINUM CONSTRUCTION
D	451-710	12"	X			24" X 24" PLAQUE	4-WAY	PRICE ASPD FULL FACE ALUMINUM CONSTRUCTION
G	0-160	6"			X	24" X 24" PERF. FACE	PERF	PRICE APDDR ALUMINUM CONSTRUCTION
H	161-275	8"			X	24" X 24" PERF. FACE	PERF	PRICE APDDR ALUMINUM CONSTRUCTION
I	276-435	10"			X	24" X 24" PERF. FACE	PERF	PRICE APDDR ALUMINUM CONSTRUCTION
J	436-625	12"			X	24" X 24" PERF. FACE	PERF	PRICE APDDR ALUMINUM CONSTRUCTION
L	RE: DWGS	RE: DWGS	X			SIDEWALL GRILLE	DOUBLE DEFLECTION	PRICE 620 FS, 3/4" BLADE SPACING ALUMINUM FACE AND FRAME
M	RE: DWGS	RE: DWGS		X	X	SIDEWALL GRILLE	SINGLE DEFLECTION	PRICE 630 FL ALUMINUM FACE AND FRAME

DIFFUSER & GRILLE SCHEDULE NOTES

1. MAX NC-30 FOR ALL AIR DEVICES. NC SHALL BE CALCULATED AS PER AHRI 885-2008 ASSUMING LAY-IN ACOUSTICAL TILE.
2. PROVIDE INTEGRAL OBD FOR SIDEWALL DIFFUSERS AND GRILLES.
3. ALL DIFFUSERS IN GYP. BOARD CEILINGS TO HAVE FLOATABLE EDGE TRIM.

Date Issued:

09/27/17 ISSUE FOR PERMIT
11/15/17 FIRST RE-SUBMITTAL - PLAN REVIEW
04/04/18 ASI-003

GEORGETOWN PROJECT NO. 2017-39592

Project Number: **16042**

WILLIAMSON COUNTY REGIONAL ANIMAL SHELTER

1855 SE INNER LOOP
GEORGETOWN, TX 78626

JACKSON & RYAN ARCHITECTS
2370 RICE BOULEVARD, HOUSTON, TEXAS 77005

CIVIL ENGINEER
DAVCAR ENGINEERING
512-328-4428
LANDSCAPE ARCHITECT
GARCIA DESIGN
512-892-0353
STRUCTURAL ENGINEER
MATRIX STRUCTURAL ENGINEERS
713-664-0130
MECHANICAL, ELECTRICAL & PLUMBING ENGINEER
SHAH SMITH & ASSOCIATES, INC.
512-851-0404

GENERAL CONTRACTOR
VAUGHN CONSTRUCTION
512-318-1332

Tx. Registration # F-2113

STATE OF TEXAS · WESLEY W. STIDHAM · 87058 · LICENSED PROFESSIONAL ENGINEER · 4/4/18

Sheet Content:

KENNEL - MECHANICAL SCHEDULES

SCALE: No Scale

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Drawings and Specifications as instruments of service are and shall remain the property of the Architect. They are not to be used on other projects or extensions to this project except by agreement in writing and with appropriate compensation to the Architect. Contractor is responsible for confirming and correlating dimensions at job site; the Architect will not be responsible for construction means, methods, techniques, sequences or procedures; or for safety precautions and programs in connection with the project.

M.2-0.02

Plot Date: 10/18/2017

4/4/2018 2:54:15 PM C:\Users\rschutte\Documents\1171-002-01_Mech_Kennel Building_R17_rschutte.rvt

Harkins Company

Mechanical Contractor

(512) 281-5577 Fax (512) 281-5588
618 Hwy 95 N Elgin, Texas 78621
TACLA27076C M39024

Change Order Proposal - 01

April 12, 2018

Vaughn Construction
Attn: Brandon Smith

Project: Wilco Animal Shelter

RE: ASI-03

Harkins Company submits this change order proposal in response to the changes noted in ASI-03, which changed the size of the canopy hood on page M.2-0.02.

Materials:	$660.00
OH&P (10%):	$ 66.00
TOTAL COST:	**$726.00**

VAUGHN CONSTRUCTION
18551 SE Inner Loop
Georgetown, TX
78626

T: (210) 328-0193

May 15, 2018

Dale Butler
Williamson County
710 Main Street
Georgetown, TX 78626

Re: Animal Shelter Expansion

Job No: 249101

Subj: Change Proposal No. 249101-0015

Dear Sir or Madam:

We respectfully submit our proposal for an increase to our contract in the amount of $0 (zero) dollars to provide Overtime Hours For Electrical Shutdown For Duct Back Conflict for the above referenced project.

Our price is valid for Ten (10) days

Please indicate your acceptance of this change proposal by signing and returning one copy of the attached Form B breakdown of our cost.

Very truly yours,
VAUGHN CONSTRUCTION

Thomas Morrill

Attachments:

CC:

FORM B

PROJECT: Animal Shelter Expansion

CHANGE PROPOSAL NO: 249101-0015

QUOTATION :

Item	Labor	Materials	Subs	Total
Overtime Hours For Electrical Shutdown	$0.00	$0.00	$1,278.00	$1,278.00
Subcontractor Default Insurance	$0.00	$16.00	$0.00	$16.00
To Be Funded By CM Contingency	$0.00	$(1,294.00)	$0.00	$(1,294.00)
Totals	$0.00	$(1,278.00)	$1,278.00	$0.00
	Insurance, Tax, Benefits on Labor			$0.00
	Overhead			$0.00
	Fee on Subs			$0.00
	Fee on JTV			$0.00
	Bond			$0.00
	Remodel Tax			$0.00
	TOTAL			**$0.00**

TIME EXTENSION TO CONTRACT: 0 Days

Submitted Date: 5/15/2018

Accepted

By: _____

Date _____

VAUGHN CONSTRUCTION

By: _____
Thomas Morrill

Proposal Valid for 10 Days

SCHMIDT ELECTRIC

PRICE ONLY PROPOSAL

To: Jay McGilton
Vaughn Construction
512.820.2308

Date: 3-27-18

Project Name: Williamson Co. Regional Animal Shelter
Project Number: 988

Description of Work: PCO #1A **(REVISED PCO #1)**

Scope:

Provide labor and material for the following:

- Add Overtime hours to remove and re-install existing 3- 2" conduit runs for electrical service from transformer to existing "H" Bldg. to allow new storm drain to be installed for new Adoption Bldg.

Cost: $1,278.00

Exclusions and Clarifications

i. All work will be performed utilizing union labor after normal business hours.
ii. This proposal is quoted with information supplied by Vaughn Construction.
iii. This Change Proposal covers direct cost only and we reserve the right to claim for impact and consequential costs.
iv. Excludes any cutting, patching, and painting of existing surfaces.

No work will be started until a fully executed Contract, Change Order or Notice to Proceed is received. This proposal is valid for 30 days.

Sincerely,

SCHMIDT ELECTRIC

Donny Hammers
Project Manager
PCO #1A - Rev #0

CHANGE NOTICE

Schmidt Electric Company, Inc.
9701 FM 1625
Austin, TX 78747

CCN #	**1 A**
Date:	4/26/2018
Project Name:	WILCO RAS
Project Number:	WILCO RAS
Page Number:	1

Client Address:

Itemized Breakdown

Description	Qty	Net Price U	Total Mat.
Labor	1	0.01 E	0.01
Totals	**1**		**0.01**

Summary

General Materials		0.01
Total Material		**0.01**
GF ST (520)	(1.00 Hrs @ $52.22)	52.22
GF OT (520)	(6.00 Hrs @ $74.93)	449.58
JW OT (520)	(10.00 Hrs @ $58.81)	588.10
PROJECT MANAGER	(1.00 Hrs @ $76.97)	76.97
Subtotal		**1,166.88**
Overhead	(@ 10.000 %)	116.69
Subtotal		**1,283.57**
Final Adjustment		-5.57
Final Amount		**$1,278.00**

CLIENT ACCEPTANCE

CCN #: 1 A
Final Amount:$1,278.00
Name: _____
Date: _____
Signature: _____
Change Order #: _____

I hereby accept this quotation and authorize the contractor to complete the above described work.

ORIGINAL

VAUGHN CONSTRUCTION
18551 SE Inner Loop
Georgetown, TX
78626

T: (210) 328-0193

May 15, 2018

Dale Butler
Williamson County
710 Main Street
Georgetown, TX 78626

Re: Animal Shelter Expansion

Job No: 249101

Subj: Change Proposal No. 249101-0016

Dear Sir or Madam:

We respectfully submit our proposal for an increase to our contract in the amount of $0 (zero) dollars to provide Adding Disconnects, Fuses and Unistrut Per RFI 30 for the above referenced project.

Our price is valid for Ten (10) days

Please indicate your acceptance of this change proposal by signing and returning one copy of the attached Form B breakdown of our cost.

Very truly yours,
VAUGHN CONSTRUCTION

Thomas Morrill

Attachments:

CC:

FORM B

PROJECT: Animal Shelter Expansion

CHANGE PROPOSAL NO: 249101-0016

QUOTATION :

Item	Labor	Materials	Subs	Total
Adding Disconnects, Fuses and Unistrut Per RFI 30	$0.00	$0.00	$5,085.00	$5,085.00
Subcontractor Default Insurance	$0.00	$64.00	$0.00	$64.00
CM Fee	$0.00	$175.00	$0.00	$175.00
To Be Funded By Owners Contingency	$0.00	$(5,324.00)	$0.00	$(5,324.00)
Totals	$0.00	$(5,085.00)	$5,085.00	$0.00
	Insurance, Tax, Benefits on Labor			$0.00
	Overhead			$0.00
	Fee on Subs			$0.00
	Fee on JTV			$0.00
	Bond			$0.00
	Remodel Tax			$0.00
	TOTAL			**$0.00**

TIME EXTENSION TO CONTRACT: 0 Days

Submitted Date: 5/15/2018

Accepted

By: _____

Date _____

VAUGHN CONSTRUCTION

By: _____
Thomas Morrill

Proposal Valid for 10 Days

SCHMIDT ELECTRIC

PRICE ONLY PROPOSAL

To: Jay McGilton
Vaughn Construction
512.820.2308

Date: 4-5-18

Project Name: Williamson Co. Regional Animal Shelter
Project Number: 988

Description of Work: PCO #2 (RFI #30)

Scope:

Provide labor and material for the following:

- Add Disconnects, Fuses and uni-strut per RFI #30

Cost: $5,085.00

Exclusions and Clarifications:

i. There is NO CHARGE for changing Breakers per RFI #30 as there is no cost difference in the Breakers that were changed.
ii. All work will be performed utilizing union labor during normal business hours.
iii. This Change Proposal covers direct cost only and we reserve the right to claim for impact and consequential costs.
iv. Excludes any cutting, patching, and painting of existing surfaces.

No work will be started until a fully executed Contract, Change Order or Notice to Proceed is received. This proposal is valid for 30 days.

Sincerely,

SCHMIDT ELECTRIC

Donny Hammers
Project Manager
PCO #2- Rev #0

SCHMIDT ELECTRIC

CHANGE NOTICE

Schmidt Electric Company, Inc.
9701 FM 1625
Austin, TX 78747

CCN #	2
Date:	4/5/2018
Project Name:	WILCO RAS
Project Number:	WILCO RAS
Page Number:	1

Client Address:

Itemized Breakdown

Description	Qty	Net Price U	Total Mat.
1 5/8x 1 5/8x 12G STRUT SLOTTED HOLE GALV	120	583.12 C	699.74
20A 3P BREAKER BOLT-ON	-1	290.25 E	-290.25
70A 3P BREAKER BOLT-ON	1	354.75 E	354.75
60A 600V DSN SW FUSIBLE - NEMA 3R	2	697.95 E	1,395.90
100A 600V DSN SW FUSIBLE - NEMA 3R	1	1,021.05 E	1,021.05
15A FUSE 250V ONE TIME	1	3.20 E	3.20
30A FUSE 600V ONE TIME	-1	15.61 E	-15.61
40A FUSE 600V ONE TIME	1	25.18 E	25.18
50A FUSE 600V ONE TIME	1	29.27 E	29.27
70A FUSE 600V ONE TIME	1	66.20 E	66.20
Totals	**126**		**3,289.43**

Summary

General Materials		3,289.43
Total Material		**3,289.43**
GF ST (520)	(2.00 Hrs @ $52.22)	104.44
JW ST (520)	(26.00 Hrs @ $41.34)	1,074.84
PROJECT MANAGER	(2.00 Hrs @ $76.97)	153.94
Subtotal		**4,622.65**
Overhead	(@ 10.000 %)	462.27
Subtotal		**5,084.92**
Final Adjustment		0.08
Final Amount		**$5,085.00**

CLIENT ACCEPTANCE

ORIGINAL

REQUEST FOR INFORMATION

VAUGHN CONSTRUCTION
18551 SE Inner Loop
Georgetown, TX
78626

T: (210) 328-0193

RFI NO: 30

To: John Benham
Jackson & Ryan Architects
2370 Rice Boulevard, Suite 210
Houston, TX 77005
Phone: (713) 526-5436
Fax:

From: Thomas Morrill

Date: 3/13/2018

Required By: 3/15/2018

Owner: Williamson County, Texas

Job No : 249101

Project: Animal Shelter Expansion
1855 SE Inner Loop
Georgetown, TX 78626

Re: Possible Undersized Breakers for AHU's

Spec. Section:

Drawing Number: E.1-7.01, E.2-7.01

Other Reference:

Question:
Breakers may be undersized to carry loads of AHU's in the following panels:

-Panel H2
-Panel H1 Sec 2

Please confirm

Answer:

See revised drawings.

Mark Green, P.E.
Shah Smith & Associates, Inc.
TX Registration #F-2113
03/28/2018

Five (5) revised Electrical drawing sheets are attached:

E.1-7.01,
E.2-3.21,
E.2-7.01,
E.3-3.23, and
E.3-7.01

John Benham, AIA

Jackson & Ryan Architects

3/2818

Very truly yours,

VAUGHN CONSTRUCTION

Attachments:

CC:

REQUEST FOR INFORMATION

		RFI NO.	001
FROM:	Schmidt Electric Company, LLC	SEC JOB NO.	988
		INQUIRY DATE	07-Mar-18
TO:	Thomas Morrill	DATE NEEDED	14-Mar-18
	Vaughn Construction		

PROJECT: Williamson Co. Regional Animal Shelter

DRAWING/DETAIL NO.: E.1-7.01/ E.2-7.01 SUBMITTAL NO.

SPEC. REFERENCE:

OTHER:

RFI SUBJECT: **Possible undersized breakers for AHU's**

Breakers may be undersized to carry loads of AHU's in following : Panel H2 & Panel H1 SEC. 2.
Please verify breaker sizes.

PROPOSED SOLUTION: TIME IMPACT: **No** COST IMPACT: **No**

SUBMITTED BY: Donny Hammers TITLE: Project Manager

ARCHITECTS RESPONSE:

PREPARED BY: DATE:

Panel: H2

Location:	COMMUNITY KITCHEN 126	Volts:	480/277 Wye	Bus Rating:	400A (1)
Supply From:	SHA	Phases:	3	MCB:	400A
Mounting:	Surface	A.I.C. Rating:	EXISTING (1)	MLO:	No
Enclosure:	NEMA 1				

WILLIAMSON COUNTY — WILLIAMSON COUNTY REGIONAL ANIMAL SHELTER (1)

Feed Through: EXISTING
Sub-Feed: No
Neutral Rating: 100.00%

Notes:

Wire & Conduit	Ckt No.	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	Ckt No.	Wire & Conduit
EXISTING	1	SITE LIGHTING	20 A	1	500 VA / 500 VA			1	20 A	SIGN	2	EXISTING
EXISTING	3	SITE LIGHTING	20 A	1		500 VA / 500 VA		1	20 A	SIGN	4	EXISTING
EXISTING	5	SITE LIGHTING	20 A	1			500 VA / 500 VA	1	20 A	MAIN BLDG. EXIT LTS.	6	EXISTING
EXISTING	7	BLDG. LIGHTING	20 A	1	500 VA / 500 VA			1	20 A	KENNEL EXIT LTS.	8	EXISTING
EXISTING	9	3kVA XFMR OUTDOOR KENNEL	20 A	2		250 VA / 500 VA		1	30 A	EUH-1	10	EXISTING
–	11	–	--	--			250 VA / 500 VA	1	30 A	EUH-2	12	EXISTING
EXISTING	13	BLDG. LIGHTS	20 A	1	500 VA / 500 VA			1	30 A	EUH-3	14	EXISTING
EXISTING	15	BLDG. LIGHTING	20 A	1		500 VA / 0 VA		3	50 A	SPARE	16	
EXISTING	17	BLDG. LIGHTING	20 A	1			500 VA / 0 VA	--	--	--	18	–
3#10, #10 GND, 1"C	19	AHU-5	25 A	3	5817 VA / 0 VA			--	--	--	20	–
–	21	–	--	--		5817 VA / 0 VA		3	50 A	SPARE	22	
–	23	–	--	--			5817 VA / 0 VA	--	--	--	24	–
EXISTING	25	CU-2	20 A	3	167 VA / 0 VA			--	--	--	26	–
–	27	–	--	--		167 VA / 0 VA		1	20 A	SPARE	28	
–	29	–	--	--			167 VA / 0 VA	1	20 A	SPARE	30	
EXISTING	31	CU-3	20 A	3	167 VA / 0 VA			1	20 A	SPARE	32	
–	33	–	--	--		167 VA / 0 VA		1	20 A	SPARE	34	
–	35	–	--	--			167 VA / 0 VA	1	20 A	SPARE	36	
EXISTING	37	CU-4	20 A	3	167 VA / 0 VA			3	20 A	T2	38	EXISTING
–	39	–	--	--		167 VA / 0 VA		--	--	--	40	–
–	41	–	--	--			167 VA / 0 VA	--	--	--	42	–
				Total Load:	9317 VA	8567 VA	8567 VA					
				Total...	34 A	31 A	31 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Motor	17451 VA	100.00%	17451 VA		
Receptacles	9000 VA	100.00%	9000 VA	Total Conn. Load:	26451 VA
				Total Est. Demand:	26451 VA
				Total Conn. Current:	32 A
				Total Est. Demand Current:	32 A

Panel: L2-SECT 1

Location:	COMMUNITY KITCHEN 126	Volts:	120/208 Wye	Bus Rating:	225A (1)
Supply From:		Phases:	3	MCB:	225A
Mounting:	Surface	A.I.C. Rating:	EXISTING (1)	MLO:	No
Enclosure:	NEMA 1				

WILLIAMSON COUNTY — WILLIAMSON COUNTY REGIONAL ANIMAL SHELTER (1)

Feed Through: EXISTING
Sub-Feed: Yes
Neutral Rating: 100.00%

Notes:

Wire & Conduit	Ckt No.	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	Ckt No.	Wire & Conduit
EXISTING	1	RECEPTS	20 A	1	500 VA / 500 VA			1	20 A	RECEPTS	2	EXISTING
EXISTING	3	RECEPTS	20 A	1		500 VA / 500 VA		1	20 A	RECEPTS	4	EXISTING
EXISTING	5	RECEPTS	20 A	1			500 VA / 500 VA	1	20 A	RECEPTS	6	EXISTING
EXISTING	7	RECEPTS	20 A	1	500 VA / 500 VA			1	20 A	IRRIGATION RECEPT	8	EXISTING
EXISTING	9	RECEPTS	20 A	1		500 VA / 500 VA		1	20 A	REFRIGERATOR	10	EXISTING
EXISTING	11	RECEPTS	20 A	1			500 VA / 500 VA	1	20 A	COFFEE	12	EXISTING
EXISTING	13	RECEPTS	20 A	1	500 VA / 500 VA			1	20 A	RECEPTS	14	EXISTING
EXISTING	15	RECEPTS	20 A	1		500 VA / 500 VA		1	20 A	RECEPTS	16	EXISTING
EXISTING	17	RECEPTS	20 A	1			500 VA / 500 VA	1	20 A	AHU-3	18	EXISTING
EXISTING	19	VENDING	20 A	1	500 VA / 500 VA			1	20 A	EF-2	20	EXISTING
EXISTING	21	VENDING	20 A	1		500 VA / 540 VA		1	20 A	Receptacles	22	
EXISTING	23	RECEPTS	20 A	1			500 VA / 500 VA	1	20 A	EF-1	24	EXISTING
EXISTING	25	RECEPTS	20 A	1	500 VA / 500 VA			1	20 A	AHU-2	26	EXISTING
EXISTING	27	RECEPTS	20 A	1		500 VA / 0 VA					28	
EXISTING	29	RECEPTS	20 A	1			500 VA / 500 VA	1	20 A	GWH-1	30	EXISTING
EXISTING	31	RECEPTS	20 A	1	500 VA / 500 VA			1	20 A	GWH-2	32	EXISTING
EXISTING	33	RECEPTS	20 A	1		500 VA / 500 VA		1	20 A	CP-1	34	EXISTING
EXISTING	35	SEC FOR DOOR	20 A	1			500 VA / 500 VA	1	20 A	GRH-1 & 2	36	EXISTING
EXISTING	37	OVERHEAD DOOR	20 A	1	500 VA / 500 VA			1	20 A	EF-4	38	EXISTING
EXISTING	39	COPIER	20 A	1		500 VA / 500 VA		1	20 A	DDC CONTROLS	40	EXISTING
EXISTING	41	LCP-1	20 A	1			500 VA / 500 VA	1	20 A	ATTIC LIGHTS	42	EXISTING
				Total Load:	7000 VA	6540 VA	7000 VA					
				Total...	59 A	55 A	59 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Receptacles	20540 VA	74.34%	15270 VA		
				Total Conn. Load:	20540 VA
				Total Est. Demand:	15270 VA
				Total Conn. Current:	57 A
				Total Est. Demand Current:	42 A

Panel: L2-SECT 2

Location:	COMMUNITY KITCHEN 126	Volts:	120/208 Wye	Bus Rating:	225A (1)
Supply From:		Phases:	3	MCB:	225A
Mounting:	Surface	A.I.C. Rating:	EXISTING (1)	MLO:	No
Enclosure:	NEMA 1				

WILLIAMSON COUNTY — WILLIAMSON COUNTY REGIONAL ANIMAL SHELTER (1)

Feed Through: EXISTING
Sub-Feed: No
Neutral Rating: 100.00%

Notes:

Wire & Conduit	Ckt No.	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	Ckt No.	Wire & Conduit
EXISTING	1	REFRIGERATOR	20 A	1	500 VA / 0 VA			3	20 A	SPARE	2	
EXISTING	3	COFFEE	20 A	1		500 VA / 0 VA		--	--	--	4	–
EXISTING	5	RECEPTS	20 A	1			500 VA / 0 VA	--	--	--	6	–
EXISTING	7	FIRE ALARM PANEL	20 A	1	500 VA / 0 VA			3	20 A	SPARE	8	
EXISTING	9	OUTDOOR OUTLET	20 A	1		500 VA / 0 VA		--	--	--	10	–
2#10, #10 GND, 3/4"C	11	SURGICAL LIGHT 103	20 A	1			500 VA / 0 VA	--	--	--	12	–
EXISTING	13	DRYER	20 A	1	500 VA / 167 VA			3	80 A	AHU-4	14	EXISTING
EXISTING	15	DRYER	20 A	1		500 VA / 167 VA		--	--	--	16	–
EXISTING	17	AH-31	40 A	2			250 VA / 167 VA	--	--	--	18	–
–	19	–	--	--	250 VA / 167 VA			3	20 A	GATE POWER	20	EXISTING
2#10, #10 GND, 3/4"C	21	X-RAY 101	20 A	1		180 VA / 167 VA		--	--	--	22	–
2#10, #10 GND, 3/4"C	23	AHU-5 AUX (LTG, RCPT)	20 A	1			500 VA / 167 VA	--	--	--	24	–
	25	SPARE	20 A	1	0 VA / 500 VA			1	20 A	AIR COMPRESSOR	26	EXISTING
	27	SPARE	20 A	1		0 VA / 0 VA		1	20 A	SPARE	28	
	29	SPARE	20 A	1			0 VA / 500 VA	1	20 A	FANS	30	EXISTING
	31	SPARE	20 A	1	0 VA / 250 VA			2	15 A	AC CONDENSOR	32	EXISTING
	33	SPARE	20 A	1		0 VA / 250 VA		--	--	--	34	–
	35	SPARE	20 A	1			0 VA / 0 VA	1	20 A	SPARE	36	
EXISTING	37	TVSS	30 A	3	167 VA / 0 VA			1	20 A	SPARE	38	
–	39	–	--	--		167 VA / 0 VA		1	20 A	SPARE	40	
–	41	–	--	--			167 VA / 0 VA	1	20 A	SPARE	42	
				Total Load:	3000 VA	2430 VA	2750 VA					
				Total...	25 A	20 A	23 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Receptacles	8180 VA	100.00%	8180 VA		
				Total Conn. Load:	8180 VA
				Total Est. Demand:	8180 VA
				Total Conn. Current:	23 A
				Total Est. Demand Current:	23 A

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Date Issued:

09/27/17 ISSUE FOR PERMIT
10/18/17 ADDENDUM 01
11/15/17 FIRST RE-SUBMITTAL - PLAN REVIEW
03/21/18 RFI-030

GEORGETOWN PROJECT NO. 2017-39592

Project Number: **16042**

WILLIAMSON COUNTY REGIONAL ANIMAL SHELTER

1855 SE INNER LOOP
GEORGETOWN, TX 78626

JACKSON & RYAN ARCHITECTS
2370 RICE BOULEVARD, HOUSTON, TEXAS 77005

CIVIL ENGINEER
DAVCAR ENGINEERING
512-328-4428
LANDSCAPE ARCHITECT
GARCIA DESIGN
512-892-0353
STRUCTURAL ENGINEER
MATRIX STRUCTURAL ENGINEERS
713-664-0130
MECHANICAL, ELECTRICAL & PLUMBING ENGINEER
SHAH SMITH & ASSOCIATES, INC.
512-851-0404

GENERAL CONTRACTOR
VAUGHN CONSTRUCTION
512-318-1332

Tx. Registration # F-2113

STATE OF TEXAS — MARK GREEN — 104985 — LICENSED PROFESSIONAL ENGINEER — 03/28/2018

Sheet Content:

ELECTRICAL PANELBOARD SCHEDULES

SCALE:

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E.1-7.01

Plot Date: 10/18/2017

KEYED NOTES - E.2-3.21

1 SHADED AREA NOT IN SCOPE OF POWER RENOVATION.

2 PROVIDE POWER TO DRYERS AT 90" AFF IN BULKHEAD. COORDINATE WITH OWNER/ARCHITECT FOR FINAL NUMBER OF UNITS AND EXACT LOCATION. PROVIDE NEMA 16-50R.

3 PROVIDE POWER TO WASHING MACHINES. COORDINATE WITH OWNER/ARCHITECT FOR FINAL NUMBER OF UNITS AND LOCATION. PROVIDE NEMA L14-20R.

4 FACTORY INSTALLED JUNCTION BOX FOR CONNECTION BY DIV 26. DIV 26 NOT TO PENETRATE HOUSING OF MECHANICAL EQUIPMENT. WIRING FROM JUNCTION BOX TO LOAD BY MANUFACTURER.

KEYED NOTES - E.2-3.21 (3)

5 PROVIDE NEMA 3R, 60A/3P/600V RATED DISCONNECT FUSED AT 50A. UNISTRUT MOUNT DISCONNECT TO EQUIPMENT PAD. COORDINATE LOCATION WITH DIV 23.

6 PROVIDE POWER TO MECHANICAL EQUIPMENT AUXILIARIES (LIGHTING, RECEPTACLES, ETC.)

7 PROVIDE POWER TO EXHAUST FAN ON ROOF. COORDINATE EXACT LOCATION WITH DIV 23.

8 PROVIDE POWER TO COMMERCIAL DISH WASHER.

9 REPLACE RECEPTACLE WITH GFCI-PROTECTED RECEPTACLE.

10 CONNECT NEW RECEPTACLES TO EXISTING CIRCUIT SERVING DISHWASH 212.

KEYED NOTES - E.2-3.21

11 CONNECT NEW RECEPTACLES TO EXISTING CIRCUIT SERVING FOOD PREP 211.

12 EXTEND EXISTING CONDUIT FROM KENNEL TELECOM ROOM TO NEW ADOPTIONS TELECOM ROOM.

13 CONNECT NEW RECEPTACLES TO EXISTING CIRCUIT SERVING ROOM 201.

KEYED NOTES - E.2-3.21 (3)

14 PROVIDE NEMA 3R, 60A/3P/600V RATED DISCONNECT FUSED AT 40A. UNISTRUT MOUNT DISCONNECT TO EQUIPMENT PAD. COORDINATE LOCATION WITH DIV 23.

15 PROVIDE NEMA 3R, 100A/3P/600V RATED DISCONNECT FUSED AT 70A. UNISTRUT MOUNT DISCONNECT TO EQUIPMENT PAD. COORDINATE LOCATION WITH DIV 23.

GENERAL NOTES - POWER (1)

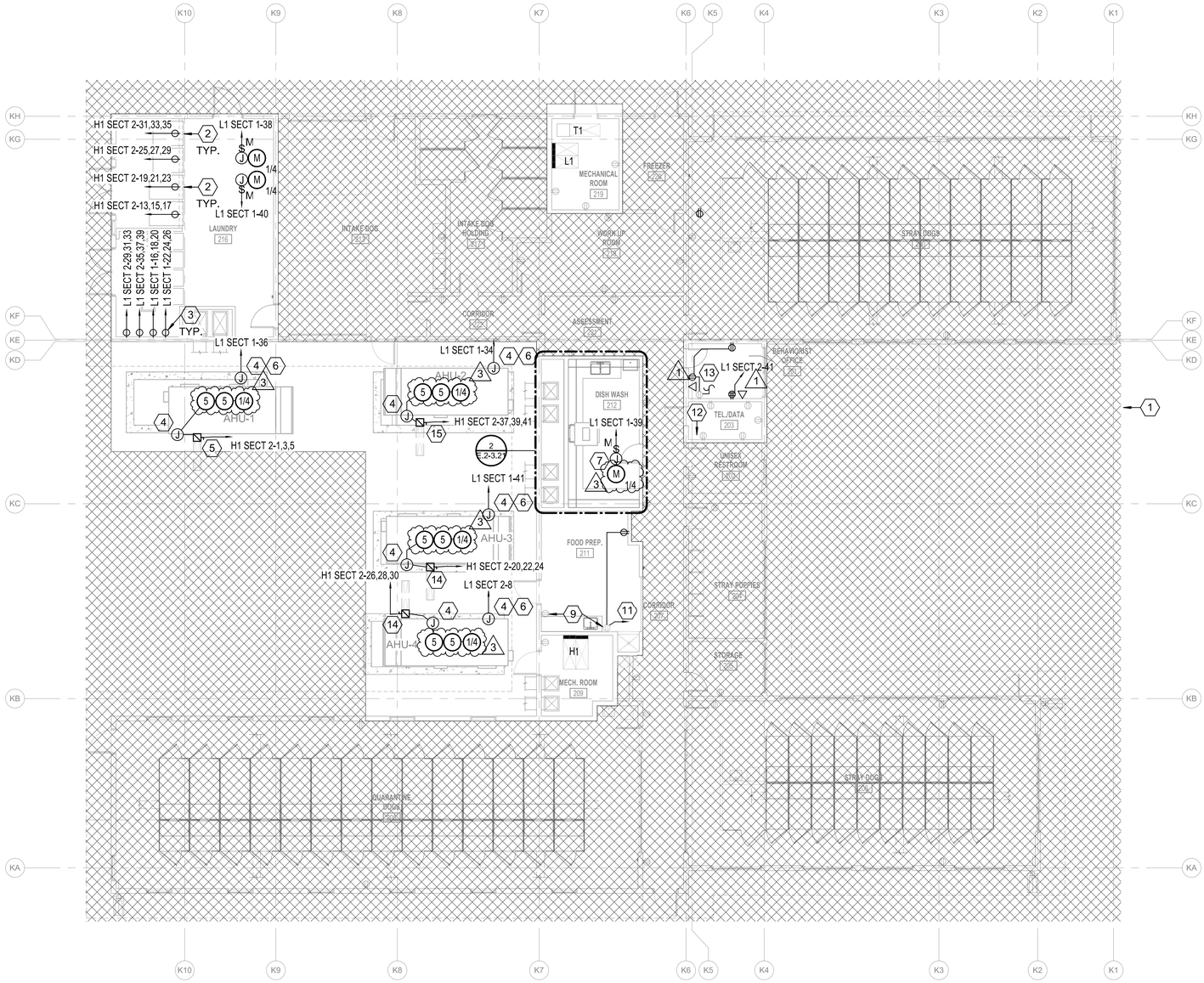
A. TELECOM, SECURITY, A/V OUTLETS, ADDITIONAL POWER AND OTHER COMMUNICATIONS SYSTEMS DEVICES ARE BY OWNER. COORDINATE WITH OWNER AND COMMUNICATION SUPPLIER FOR LOCATIONS AND REQUIREMENTS. TELECOM SPECS TO BE PROVIDED BY OWNER UNDER SEPARATE COVER.

B. ALL RECEPTACLES ARE MOUNTED 18" UON. VERIFY HEIGHT AND ALIGMENT OF DEVICES WITH ARCHITECTURAL DRAWINGS. COORDINATE OUTLET/RECEPTACLE LOCATIONS WITH MILL WORK, CASEWORK, ETC.

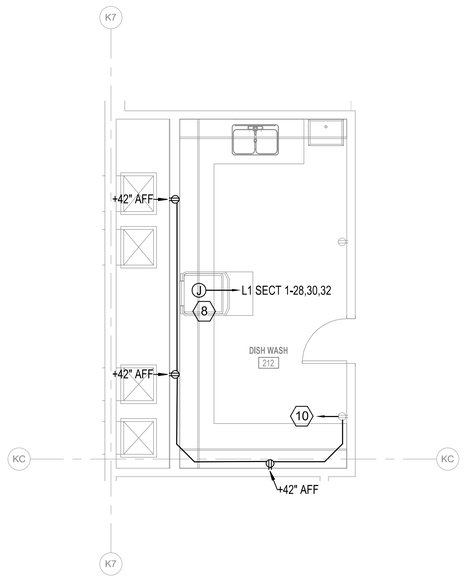
C. LOCATE ALL LOCAL DISCONNECT SWITCHES FOR MECHANICAL EQUIPMENT ADJACENT TO, BUT SEPARATE FROM, EQUIPMENT SERVED. PROVIDE SECURELY-ANCHORED METAL FRAMING PER SECTION 260529.

D. PROVIDE MOTOR RATED SNAP SWITCH AT ACCESSIBLE ABOVE CEILING LOCATION, SEPARATE BUT ADJACENT TO VV BOXES. SEE MECHANICAL DRAWINGS FOR LOCATION AND QUANTITIES.

E. UPDATE PANELBOARD SCHEDULES UPON COMPLETION OF PROJECT TO REFLECT FINAL CIRCUIT NUMBERS AND DESCRIPTIONS.



1 KENNEL - POWER PLAN - RENOVATION
1/8" = 1'-0"



2 KENNEL - ENLARGED POWER PLAN - RENOVATION - DISH WASH
1/4" = 1'-0"

1/8" = 1'-0" 0' 8' 16'

Date Issued:

09/27/17	ISSUE FOR PERMIT
10/18/17	ADDENDUM 01
11/15/17	FIRST RE-SUBMITTAL - PLAN REVIEW
03/21/18	RFI-030

GEORGETOWN PROJECT NO. 2017-39592

Project Number: **16042**

Williamson County Regional Animal Shelter

1855 SE INNER LOOP
GEORGETOWN, TEXAS 78626

JACKSON & RYAN ARCHITECTS
2370 RICE BOULEVARD, HOUSTON, TEXAS 77005

CIVIL ENGINEER
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LANDSCAPE ARCHITECT
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GENERAL CONTRACTOR
VAUGHN CONSTRUCTION
512-318-1332

Tx. Registration # F-2113
STATE OF TEXAS
MARK GREEN
104985
LICENSED
PROFESSIONAL ENGINEER
03/28/2018

Sheet Content:

KENNEL - RENOVATION - POWER PLAN - LEVEL 1

SCALE: As indicated

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E.2-3.21

Plot Date: 10/18/2017

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Panel: H1 SECT 1

Williamson County Regional Animal Shelter

Location:	MECH. ROOM 209	Volts:	480/277 Wye	Bus Rating:	400A	Feed Through:	EXISTING
Supply From:	SHA	Phases:	3	MCB:	400A	Sub-Feed:	Yes
Mounting:	Surface	A.I.C. Rating:	EXISTING	MLO:	No	Neutral Rating:	100.00%
Enclosure:	Type 1						

Notes:

Wire & Conduit	Ckt No.	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	Ckt No.	Wire & Conduit
MATCH EXISTING	1	LIGHTING HALL AND SALLY PORT	20 A	1	659 VA / 333 VA			3	20 A	CU-6	2	EXISTING
MATCH EXISTING	3	LIGHTING WEST WING	20 A	1		500 VA / 333 VA		--	--	--	4	--
MATCH EXISTING	5	LIGHTING EAST WING	20 A	1			560 VA / 333 VA	--	--	--	6	--
EXISTING	7	VF-1	20 A	3	167 VA / 333 VA			3	20 A	CU-5	8	EXISTING
--	9	--	--	--		167 VA / 333 VA		--	--	--	10	--
--	11	--	--	--			167 VA / 333 VA	--	--	--	12	--
EXISTING	13	VF-2	20 A	3	333 VA / 167 VA			3	20 A	CU-7	14	EXISTING
--	15	--	--	--		333 VA / 167 VA		--	--	--	16	--
--	17	--	--	--			333 VA / 167 VA	--	--	--	18	--
EXISTING	19	VF-3	20 A	3	333 VA / 167 VA			3	20 A	CU-8	20	EXISTING
--	21	--	--	--		333 VA / 167 VA		--	--	--	22	--
--	23	--	--	--			333 VA / 167 VA	--	--	--	24	--
EXISTING	25	EUH-4	30 A	1	1000 VA / 0 VA			1	20 A	SPARE	26	
EXISTING	27	EUH-5	30 A	1		1000 VA / 0 VA		1	20 A	SPARE	28	
EXISTING	29	EUH-6	30 A	1			1000 VA / 0 VA	1	20 A	SPARE	30	
EXISTING	31	EDH-4	20 A	1	1000 VA / 0 VA			1	20 A	SPARE	32	
	33	SPARE	20 A	1		0 VA / 0 VA		1	20 A	SPARE	34	
	35	SPARE	20 A	1			0 VA / 0 VA	1	20 A	SPARE	36	
EXISTING	37	F-1	20 A	3	333 VA / 9041 VA			3	20 A	XFMR T-1	38	EXISTING
--	39	--	--	--		333 VA / 9709 VA		--	--	--	40	--
--	41	--	--	--			333 VA / 8373 VA	--	--	--	42	--
				Total Load:	13867 VA	13376 VA	12100 VA					
				Total...	51 A	49 A	44 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
LIGHTING	219 VA	125.00%	273 VA		
Motor	2004 VA	100.00%	2004 VA	Total Conn. Load:	39343 VA
Receptacles	37120 VA	63.47%	23560 VA	Total Est. Demand:	25837 VA
				Total Conn. Current:	47 A
				Total Est. Demand Current:	31 A

Panel: H1 SECT 2

Williamson County Regional Animal Shelter

Location:	MECH. ROOM 209	Volts:	480/277 Wye	Bus Rating:	400A	Feed Through:	EXISTING
Supply From:	H1 SECT 1	Phases:	3	MCB:	400A	Sub-Feed:	No
Mounting:	Surface	A.I.C. Rating:	EXISTING	MLO:	No	Neutral Rating:	100.00%
Enclosure:	Type 1						

Notes:

Wire & Conduit	Ckt No.	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	Ckt No.	Wire & Conduit
3#6, #10 GND, 3/4"C	1	AHU-1	50 A	3	12659 VA / 167 VA			3	20 A	EDH-1	2	EXISTING
--	3	--	--	--		12659 VA / 167 VA		--	--	--	4	--
--	5	--	--	--			12659 VA / 167 VA	--	--	--	6	--
EXISTING	7	F-3	20 A	3	167 VA / 167 VA			3	20 A	EDH-2	8	EXISTING
--	9	--	--	--		167 VA / 167 VA		--	--	--	10	--
--	11	--	--	--			167 VA / 167 VA	--	--	--	12	--
3#10, #10GND, 1"C	13	DRYER	50 A	3	10000 VA / 167 VA			3	20 A	EDH-3	14	EXISTING
--	15	--	--	--		10000 VA / 167 VA		--	--	--	16	--
--	17	--	--	--			10000 VA / 167 VA	--	--	--	18	--
3#10, #10GND, 1"C	19	DRYER	50 A	3	10000 VA / 9224 VA			3	40 A	AHU-3	20	3#8, #10GND, 3/4"C
--	21	--	--	--		10000 VA / 9224 VA		--	--	--	22	--
--	23	--	--	--			10000 VA / 9224 VA	--	--	--	24	--
3#10, #10GND, 1"C	25	DRYER	50 A	3	10000 VA / 9224 VA			3	40 A	AHU-4	26	3#8, #10GND, 3/4"C
--	27	--	--	--		10000 VA / 9224 VA		--	--	--	28	--
--	29	--	--	--			10000 VA / 9224 VA	--	--	--	30	--
3#10, #10GND, 1"C	31	DRYER	50 A	3	10000 VA / 0 VA			1	20 A	SPARE	32	
--	33	--	--	--		10000 VA / 0 VA		1	20 A	SPARE	34	
--	35	--	--	--			10000 VA / 0 VA	1	20 A	SPARE	36	
3#4, #8 GND, 1"C	37	AHU-2	70 A	3	16398 VA / 0 VA			1	20 A	SPARE	38	
--	39	--	--	--		16398 VA / 0 VA		1	20 A	SPARE	40	
--	41	--	--	--			16398 VA / 0 VA	1	20 A	SPARE	42	
				Total Load:	88172 VA	88172 VA	88172 VA					
				Total...	318 A	318 A	318 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Motor	142516 VA	100.00%	142516 VA		
Receptacles	122000 VA	54.10%	66000 VA	Total Conn. Load:	264516 VA
				Total Est. Demand:	208516 VA
				Total Conn. Current:	318 A
				Total Est. Demand Current:	251 A

Panel: L1 SECT 1

Williamson County Regional Animal Shelter

Location:	MECHANICAL ROOM 219	Volts:	120/208 Wye	Bus Rating:	225A	Feed Through:	EXISTING
Supply From:	T1	Phases:	3	MCB:	150A	Sub-Feed:	Yes
Mounting:	Surface	A.I.C. Rating:	EXISTING	MLO:	No	Neutral Rating:	100.00%
Enclosure:	NEMA 1						

Notes:

Wire & Conduit	Ckt No.	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	Ckt No.	Wire & Conduit
EXISTING	1	RECEPTS	20 A	1	180 VA / 500 VA			1	20 A	RECEPTS	2	EXISTING
EXISTING	3	RECEPTS	20 A	1		180 VA / 500 VA		1	20 A	RECEPTS	4	EXISTING
EXISTING	5	RECEPTS	20 A	1			180 VA / 500 VA	1	20 A	RECEPTS	6	EXISTING
EXISTING	7	RECEPTS	20 A	1	180 VA / 500 VA			1	20 A	RECEPTS	8	EXISTING
EXISTING	9	RECEPTS	20 A	1		180 VA / 500 VA		1	20 A	RECEPTS	10	EXISTING
EXISTING	11	RECEPTS	20 A	1			180 VA / 500 VA	1	20 A	RECEPTS	12	EXISTING
EXISTING	13	RECEPTS	20 A	1	180 VA / 500 VA			1	20 A	RECEPTS	14	EXISTING
EXISTING	15	RECEPTS	20 A	1		180 VA / 1833 VA		3	20 A	WASHING MACHINE	16	3#10, #10 GND, 1"C
EXISTING	17	RECEPTS	20 A	1			180 VA / 1833 VA	--	--	--	18	--
EXISTING	19	OVERHEAD DOOR	20 A	1	500 VA / 1833 VA			--	--	--	20	--
EXISTING	21	SEC. DOOR	20 A	1		500 VA / 1833 VA		3	20 A	WASHING MACHINE	22	3#10, #10 GND, 1"C
EXISTING	23	SEC. DOOR	20 A	1			500 VA / 1833 VA	--	--	--	24	--
EXISTING	25	GRH-15, 17, 19	20 A	1	500 VA / 1833 VA			--	--	--	26	--
EXISTING	27	GRH-16, 18, 20	20 A	1		500 VA / 167 VA		3	20 A	DISH WASHER	28	3#10, #10 GND, 1"C
EXISTING	29	GRH-21, 23, 25, 27	20 A	1			500 VA / 167 VA	--	--	--	30	--
EXISTING	31	GRH-22, 24, 26, 28	20 A	1	500 VA / 167 VA			--	--	--	32	--
EXISTING	33	GRH-5, 7, 9, 11	20 A	1		500 VA / 500 VA		1	20 A	AHU-2 AUX (LTG, RCPT)	34	2#10, #10 GND, 3/4"C
EXISTING	35	GRH-6, 8, 10, 12, 14	20 A	1			500 VA / 500 VA	1	20 A	AHU-1 AUX (LTG, RCPT)	36	2#10, #10 GND, 3/4"C
EXISTING	37	GRH-3, 4	20 A	1	500 VA / 1168 VA			1	20 A	GWH-1	38	2#10, #10 GND, 3/4"C
2#10, #10 GND, 3/4"C	39	KH-2-1	15 A	1		1168 VA / 1168 VA		1	20 A	GWH-2	40	2#10, #10 GND, 3/4"C
2#10, #10 GND, 3/4"C	41	AHU-3 AUX (LTG, RCPT)	20 A	1			500 VA / 500 VA	1	20 A	ATTIC LTG	42	EXISTING
				Total Load:	9041 VA	9709 VA	8373 VA					
				Total...	76 A	82 A	70 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Motor	2004 VA	100.00%	2004 VA		
Receptacles	25120 VA	69.90%	17560 VA	Total Conn. Load:	27124 VA
				Total Est. Demand:	19564 VA
				Total Conn. Current:	75 A
				Total Est. Demand Current:	54 A

Panel: L1 SECT 2

Williamson County Regional Animal Shelter

Location:	MECHANICAL ROOM 219	Volts:	120/208 Wye	Bus Rating:	225A	Feed Through:	EXISTING
Supply From:	L1 SECT 1	Phases:	3	MCB:	150A	Sub-Feed:	No
Mounting:	Surface	A.I.C. Rating:	EXISTING	MLO:	No	Neutral Rating:	100.00%
Enclosure:	NEMA 1						

Notes:

Wire & Conduit	Ckt No.	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	Ckt No.	Wire & Conduit
EXISTING	1	EVC-1 CONTROL	20 A	1	500 VA / 0 VA			3	15 A	SPARE	2	
EXISTING	3	EVC-2 CONTROL	20 A	1		500 VA / 0 VA		--	--	--	4	--
EXISTING	5	EVC-3 CONTROL	20 A	1			500 VA / 0 VA	--	--	--	6	--
EXISTING	7	GHW	20 A	1	500 VA / 500 VA			1	20 A	AHU-4 AUX (LTG, RCPT)	8	2#10, #10 GND, 3/4"C
EXISTING	9	CP	20 A	1		500 VA / 500 VA		1	20 A	EVC-2	10	EXISTING
EXISTING	11	DDC CONTROLS	20 A	1			500 VA / 500 VA	1	20 A	EVC-3	12	EXISTING
EXISTING	13	DDC CONTROLS	20 A	1	500 VA / 500 VA			1	20 A	OVERHEAD DOOR	14	EXISTING
EXISTING	15	FREEZER CONDENSOR	30 A	3		167 VA / 500 VA		1	20 A	OVERHEAD DOOR	16	EXISTING
--	17	--	--	--			167 VA / 500 VA	1	20 A	OVERHEAD DOOR	18	EXISTING
--	19	--	--	--	167 VA / 500 VA			1	20 A	HEAT TRACE	20	EXISTING
EXISTING	21	FREEZER EVAP	30 A	3		167 VA / 500 VA		1	20 A	HEAT TRACE	22	EXISTING
--	23	--	--	--			167 VA / 500 VA	1	20 A	HEAT TRACE	24	EXISTING
--	25	--	--	--	167 VA / 0 VA			1	20 A	SPARE	26	
EXISTING	27	FIRE ALARM PANEL	20 A	1		500 VA / 0 VA		1	20 A	SPARE	28	
3#10, #10GND, 1"C	29	WASHER	20 A	3			1833 VA / 0 VA	1	20 A	SPARE	30	
--	31	--	--	--	1833 VA / 167 VA			3	30 A	AIR COMPRESSOR	32	EXISTING
--	33	--	--	--		1833 VA / 167 VA		--	--	--	34	--
3#10, #10GND, 1"C	35	WASHER	20 A	3			1833 VA / 167 VA	--	--	--	36	--
--	37	--	--	--	1833 VA / 0 VA			2	40 A	SPARE	38	
--	39	--	--	--		1833 VA / 0 VA		--	--	--	40	--
2#10, #10 GND, 3/4"C	41	RCPT BEHAVIORIST 201	20 A	1			180 VA / 0 VA	1	20 A	SPARE	42	
				Total Load:	7167 VA	7167 VA	6847 VA					
				Total...	60 A	60 A	57 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Receptacles	21180 VA	73.61%	15590 VA		
				Total Conn. Load:	21180 VA
				Total Est. Demand:	15590 VA
				Total Conn. Current:	59 A
				Total Est. Demand Current:	43 A

Date Issued:

09/27/17 ISSUE FOR PERMIT
10/18/17 ADDENDUM 01
11/15/17 FIRST RE-SUBMITTAL - PLAN REVIEW
03/21/18 RFI-030

GEORGETOWN PROJECT NO. 2017-39592

Project Number: 16042

Williamson County Regional Animal Shelter

1855 SE INNER LOOP
GEORGETOWN, TEXAS 78626

JACKSON & RYAN ARCHITECTS
2370 RICE BOULEVARD, HOUSTON, TEXAS 77005

CIVIL ENGINEER
DAVCAR ENGINEERING
512-328-4428
LANDSCAPE ARCHITECT
GARCIA DESIGN
512-892-0353
STRUCTURAL ENGINEER
MATRIX STRUCTURAL ENGINEERS
713-664-0130
MECHANICAL, ELECTRICAL & PLUMBING ENGINEER
SHAH SMITH & ASSOCIATES, INC.
512-851-0404

GENERAL CONTRACTOR
VAUGHN CONSTRUCTION
512-318-1332

Tx. Registration # F-2113

STATE OF TEXAS
MARK GREEN
104985
LICENSED PROFESSIONAL ENGINEER
03/28/2018

Sheet Content:

ELECTRICAL PANELBOARD SCHEDULES

SCALE:

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E.2-7.01

Plot Date: 10/18/2017

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KEYED NOTES - E.3-3.23

1. PROVIDE 208V/1P POWER TO CONDENSING UNIT. INDOOR UNIT IS POWERED VIA OUTDOOR UNIT. PROVIDE ALL CONTROLS AND POWER CONDUIT/CONDUCTORS AS REQUIRED BETWEEN UNITS. COORDINATE WITH MECHANICAL CONTRACTOR FOR EXACT LOCATION.
2. FACTORY INSTALLED JUNCTION BOX FOR CONNECTION BY DIV 26. DIV 26 NOT TO PENETRATE HOUSING OF MECHANICAL EQUIPMENT. WIRING FROM JUNCTION BOX TO LOAD BY MANUFACTURER.
3. PROVIDE NEMA 3R, 100A/3P/600V RATED STARTER/DISCONNECT FUSED AT 70A. UNISTRUT MOUNT DISCONNECT TO EQUIPMENT PAD. COORDINATE LOCATION WITH DIV 23.
4. INSTALL STARTER/DISCONNECT FURNISHED BY DIV 23. COORDINATE LOCATION WITH DIV 23.

KEYED NOTES - E.3-3.23

5. PROVIDE NEMA 3R, 30A/3P/240V RATED STARTER/DISCONNECT FUSED AT 15A. UNISTRUT MOUNT DISCONNECT TO EQUIPMENT PAD. COORDINATE LOCATION WITH DIV 23.
6. PROVIDE GFCI RECEPTACLE WITH WEATHERPROOF WHILE IN USE COVERS MOUNTED TO SAME FRAME AS DISCONNECT.
7. PROVIDE NEMA 3R, 60A/3P/600V RATED STARTER/DISCONNECT FUSED AT 60A. UNISTRUT MOUNT DISCONNECT TO EQUIPMENT PAD. COORDINATE LOCATION WITH DIV 23.
8. PROVIDE NEMA 3R, 60A/3P/600V RATED STARTER/DISCONNECT FUSED AT 45A. UNISTRUT MOUNT DISCONNECT TO EQUIPMENT PAD. COORDINATE LOCATION WITH DIV 23.

GENERAL NOTES - LIGHTNING PROTECTION

A. COORDINATE WITH GROUNDING PLAN ON MEP1.0.

B. REFER TO LIGHTNING PROTECTION DETAILS ON SHEET E-604. COORDINATE ELECTRICAL WORK WITH ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND PLUMBING TO AVOID INTERFERENCE WITH OR COMPROMISE OF OTHER SYSTEMS.

C. INSTALLATION SHALL COMPLY IN ALL ASPECTS TO L.P.I. CODE 175. INSTALLATION SHALL BE MADE BY OR UNDER SUPERVISION OF AN L.P.I. CERTIFIED MASTER INSTALLER. UPON COMPLETION, THE L.P.I. CERTIFICATE WILL BE OBTAINED.

D. COMPLETE DESIGN DRAWINGS SHOWING TYPE, SIZE, AND LOCATION OF ALL GROUNDING DOWN CONDUCTORS, THROUGH ROOF/THROUGH WALL ASSEMBLIES, ROOF CONDUCTORS, AIR TERMINALS, AND PANEL MOUNTED SURGE PROTECTION DEVICES (SPD) SHALL BE SUBMITTED TO THE ARCHITECT AND ENGINEER FOR APPROVAL.

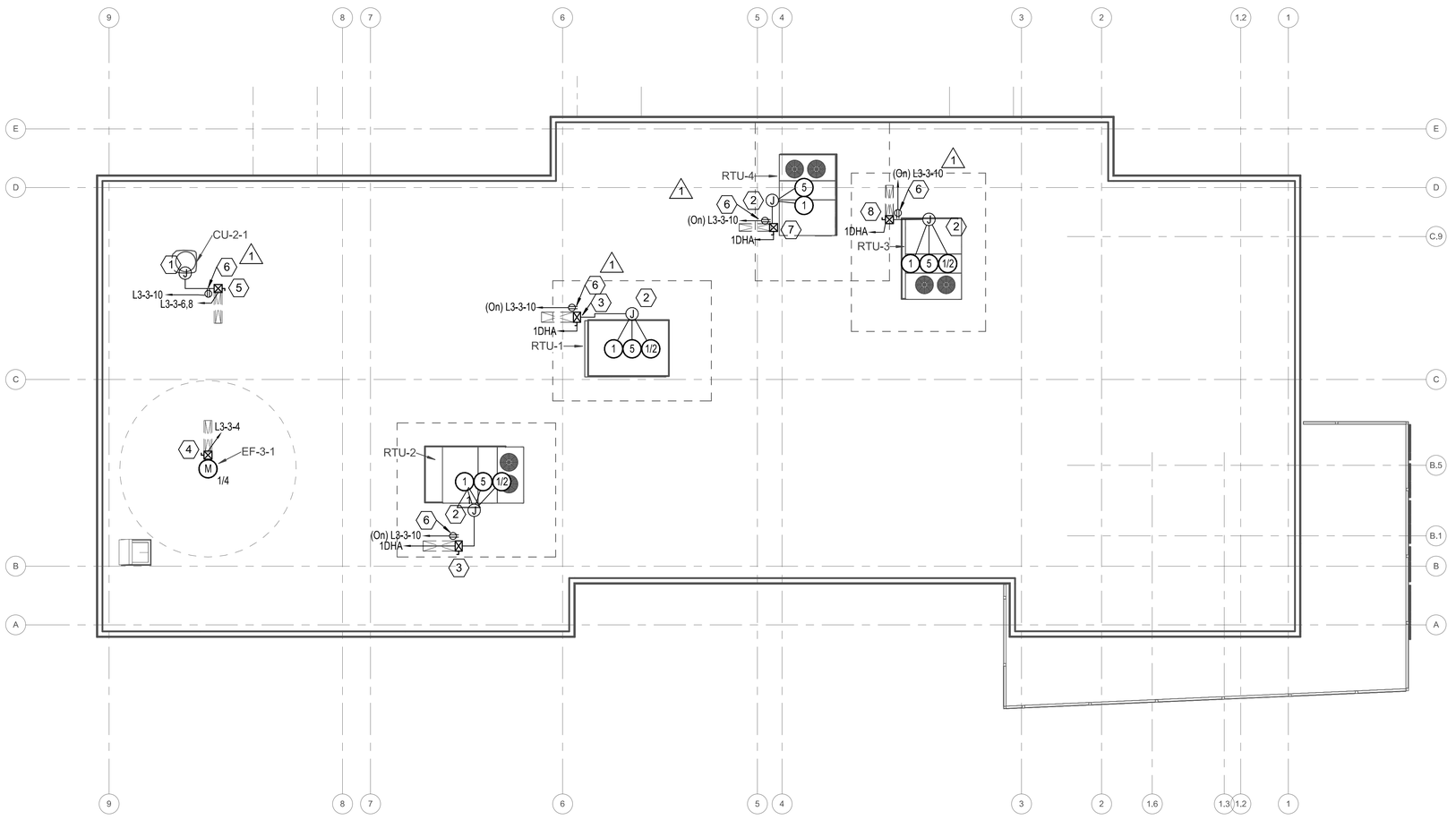
E. BOND METAL BODIES ON ROOF THAT ARE OUTSIDE THE ZONE OF PROTECTION THAT ARE SUBJECT TO A DIRECT LIGHTNING STRIKE OR WHICH EXCEED HEIGHT OF ADJACENT AIR TERMINALS WITH MAIN SIZE CONDUCTOR CABLE. TYPICAL METAL BODIES INCLUDE, BUT ARE NOT LIMITED TO, EXHAUST FANS, VENTS, HANDRAILS, ROOFTOP UNITS, LADDERS, AND ANTENNAS.

GENERAL NOTES - POWER - ROOF

A. RECEPTACLES ARE TO BE GFCI-RATED, WITH WEATHERPROOF-WHILE-IN-USE COVER AND MOUNTED AT +18". VERIFY HEIGHT AND ALIGMENT OF DEVICES WITH ARCHITECTURAL DRAWINGS. COORDINATE OUTLET/RECEPTACLE LOCATIONS WITH MILL WORK, CASEWORK, ETC.

B. LOCATE ALL LOCAL DISCONNECT SWITCHES FOR MECHANICAL EQUIPMENT ADJACENT TO, BUT SEPARATE FROM, EQUIPMENT SERVED. PROVIDE SECURELY-ANCHORED METAL FRAMING PER SECTION 260529.

C. UPDATE PANELBOARD SCHEDULES UPON COMPLETION OF PROJECT TO REFLECT FINAL CIRCUIT NUMBERS AND DESCRIPTIONS.



1 ROOF POWER PLAN
1/8" = 1'-0"

0' 8' 16'
1/8" = 1'-0"

Date Issued:

09/27/17	ISSUE FOR PERMIT
10/18/17	ADDENDUM 01
11/15/17	FIRST RE-SUBMITTAL - PLAN REVIEW
03/21/18	RFI-030

GEORGETOWN PROJECT NO. 2017-39592

Project Number: **16042**

Willliamson County Regional Animal Shelter

1855 SE INNER LOOP
GEORGETOWN, TEXAS 78626

JACKSON & RYAN ARCHITECTS
2370 RICE BOULEVARD, HOUSTON, TEXAS 77005

CIVIL ENGINEER
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MECHANICAL, ELECTRICAL & PLUMBING ENGINEER
SHAH SMITH & ASSOCIATES, INC.
512-851-0404

GENERAL CONTRACTOR
VAUGHN CONSTRUCTION
512-318-1332

Tx. Registration # F-2113

STATE OF TEXAS
MARK GREEN
104985
LICENSED PROFESSIONAL ENGINEER
03/28/2018

Sheet Content:

NEW ADOPTiONS - POWER PLAN - ROOF

SCALE: As indicated

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E.3-3.23

Plot Date: 10/18/2017

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Panel: L3-1

Location: ELECTRICAL 318	Williamson County	Willliamson County Regional Animal Shelter	
Supply From: 1DLA	Volts: 120/208 Wye	Bus Rating: 100A	Feed Through:
Mounting: Surface	Phases: 3	MCB: 100A	Sub-Feed: No
Enclosure: NEMA 1	A.I.C. Rating: 10,000	MLO: No	Neutral Rating: 100.00%

Notes:

Wire & Conduit	Ckt No.	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	Ckt No.	Wire & Conduit
2#12, #12 GND, 3/4"C	1	EXTERIOR WP RCPT SW WALL	20 A	1	720 VA / 1168 VA			1	15 A	GWH-1	2	2#10, #10 GND, 3/4"C
2#12, #12 GND, 3/4"C	3	EXTERIOR WP RCPT N WALL	20 A	1		540 VA / 1168 VA		1	15 A	HWC-1	4	2#10, #10 GND, 3/4"C
2#12, #12 GND, 3/4"C	5	RCPT RM 321	20 A	1			1080 VA / 90 VA	2	30 A	WASHDOWN EQUIPMENT	6	2#10, #10 GND, 3/4"C
2#12, #12 GND, 3/4"C	7	GFCI RCPT RM 311	20 A	1	180 VA / 90 VA			--	--	--	8	--
2#12, #12 GND, 3/4"C	9	RCPT RM 315	20 A	1		900 VA / 90 VA		2	30 A	WASHDOWN EQUIPMENT	10	2#10, #10 GND, 3/4"C
2#12, #12 GND, 3/4"C	11	GFCI RCPT RM 310	20 A	1			360 VA / 90 VA	--	--	--	12	--
2#12, #12 GND, 3/4C	13	RCPT RM 314	20 A	1	900 VA / 90 VA			2	30 A	WASHDOWN EQUIPMENT	14	2#10, #10 GND, 3/4"C
2#12, #12 GND, 3/4"C	15	RCPT RM 314	20 A	1		720 VA / 90 VA		--	--	--	16	--
2#12, #12 GND, 3/4"C	17	EXTERIOR WP RCPT S WALL	20 A	1			900 VA / 90 VA	2	30 A	WASHDOWN EQUIPMENT	18	2#10, #10 GND, 3/4"C
2#12, #12 GND, 3/4"C	19	RCPT RM 303	20 A	1	1080 VA / 90 VA			--	--	--	20	--
2#12, #12 GND, 3/4"C	21	GFCI RCPT RM 301	20 A	1		360 VA / 180 VA		1	20 A	WASHDOWN EQUIPMENT	22	2#10, #10 GND, 3/4"C
2#12, #12 GND, 3/4"C	23	RCPT ELECTRIC RM 318	20 A	1			360 VA / 180 VA	1	20 A	WASHDOWN EQUIPMENT	24	2#10, #10 GND, 3/4"C
1 2#12, #12 GND, 3/4"C	25	RCPTS: PLUMBING ROOM 312	20 A	1	360 VA / 180 VA			1	20 A	WASHDOWN EQUIPMENT	26	2#10, #10 GND, 3/4"C
2#10, #10 GND, 3/4"C	27	LCP-2	20 A	1		50 VA / 180 VA		1	20 A	WASHDOWN EQUIPMENT	28	2#10, #10 GND, 3/4"C
2#10, #10 GND, 3/4"C	29	ELEV SHUNT TRIP	20 A	1			50 VA / 0 VA	1	20 A	SPARE	30	
2#10, #10 GND, 3/4"C	31	ESP-1	20 A	2	564 VA / 0 VA			1	20 A	SPARE	32	
--	33	--	--	--		564 VA / 0 VA		1	20 A	SPARE	34	
2 2#10, #10 GND, 3/4"C	35	RCPT PUMP ROOM	20 A	1			360 VA / 0 VA	1	20 A	SPARE	36	
	37	SPARE	20 A	1	0 VA / 0 VA			1	20 A	SPARE	38	
	39	SPARE	20 A	1		0 VA / 0 VA		1	20 A	SPARE	40	
	41	SPARE	20 A	1			0 VA / 0 VA	1	20 A	SPARE	42	
			Total Load:		5422 VA	4842 VA	3560 VA					
			Total...		47 A	42 A	30 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Motor	2463 VA	100.00%	2463 VA		
NON-CONTINUOUS	100 VA	100.00%	100 VA	Total Conn. Load:	13823 VA
Receptacles	11260 VA	94.40%	10630 VA	Total Est. Demand:	13193 VA
				Total Conn. Current:	38 A
				Total Est. Demand Current:	37 A

Panel: L3-2

Location: ELECTRICAL 318	Williamson County	Willliamson County Regional Animal Shelter	
Supply From: 1DLA	Volts: 120/208 Wye	Bus Rating: 100A	Feed Through:
Mounting: Surface	Phases: 3	MCB: 100A	Sub-Feed: No
Enclosure: NEMA 1	A.I.C. Rating: 10,000	MLO: No	Neutral Rating: 100.00%

Notes:

Wire & Conduit	Ckt No.	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	Ckt No.	Wire & Conduit
	1	SPARE	20 A	1	0 VA / 0 VA			1	20 A	SPARE	2	
	3	SPARE	20 A	1		0 VA / 0 VA		1	20 A	SPARE	4	
	5	SPARE	20 A	1			0 VA / 0 VA	1	20 A	SPARE	6	
	7	SPARE	20 A	1	0 VA / 0 VA			1	20 A	SPARE	8	
	9	SPARE	20 A	1		0 VA / 0 VA		1	20 A	SPARE	10	
	11	SPARE	20 A	1			0 VA / 0 VA	1	20 A	SPARE	12	
	13	SPARE	20 A	1	0 VA / 0 VA			1	20 A	SPARE	14	
	15	SPARE	20 A	1		0 VA / 0 VA		1	20 A	SPARE	16	
	17	SPARE	20 A	1			0 VA / 0 VA	1	20 A	SPARE	18	
	19	SPARE	20 A	1	0 VA / 0 VA			1	20 A	SPARE	20	
	21	SPARE	20 A	1		0 VA / 0 VA		1	20 A	SPARE	22	
	23	SPARE	20 A	1			0 VA / 0 VA	1	20 A	SPARE	24	
	25	SPARE	20 A	1	0 VA / 0 VA			1	20 A	SPARE	26	
	27	SPARE	20 A	1		0 VA / 0 VA		1	20 A	SPARE	28	
	29	SPARE	20 A	1			0 VA / 0 VA	1	20 A	SPARE	30	
	31	SPARE	20 A	1	0 VA / 0 VA			1	20 A	SPARE	32	
	33	SPARE	20 A	1		0 VA / 0 VA		1	20 A	SPARE	34	
	35	SPARE	20 A	1			0 VA / 0 VA	1	20 A	SPARE	36	
	37	SPARE	20 A	1	0 VA / 0 VA			1	20 A	SPARE	38	
	39	SPARE	20 A	1		0 VA / 0 VA		1	20 A	SPARE	40	
	41	SPARE	20 A	1			0 VA / 0 VA	1	20 A	SPARE	42	
			Total Load:		0 VA	0 VA	0 VA					
			Total...		0 A	0 A	0 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0 VA
				Total Est. Demand:	0 VA
				Total Conn. Current:	0 A
				Total Est. Demand Current:	0 A

Panel: L3-3

Location: ELECTRICAL 318	Williamson County	Willliamson County Regional Animal Shelter	
Supply From: 1DLA	Volts: 120/208 Wye	Bus Rating: 100A	Feed Through:
Mounting: Surface	Phases: 3	MCB: 100A	Sub-Feed: No
Enclosure: NEMA 1	A.I.C. Rating: 10,000	MLO: No	Neutral Rating: 100.00%

Notes:

Wire & Conduit	Ckt No.	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	Ckt No.	Wire & Conduit
2#12, #12 GND, 3/4"C	1	RCPT CORRIDOR 424	20 A	1	900 VA / 100 VA			1	20 A	1DHA SHUNT TRIP	2	2#12, #12 GND, 3/4"C
2#12, #12 GND, 3/4"C	3	EDF CORRIDOR 424	20 A	1		650 VA / 668 VA		1	15 A	EF-3-1	4	2#12, #12 GND, 3/4"C
2#12, #12 GND, 3/4"C	5	EXTERIOR WP GFCI RCPT S & W WALL	20 A	1			180 VA / 650 VA	2	15 A	4 CU/CU-2-1	6	2#10, #10 GND, 3/4"C
2#10, #10 GND, 3/4"C	7	L5-30R IT CLOSET 421	30 A	2	90 VA / 650 VA			--	--		8	-- 1
--	9	--	--	--		90 VA / 900 VA		1	20 A	ROOF GFCI RCPTS	10	2#10, #10 GND, 3/4"C
2#12, #12 GND, 3/4"C	11	QUAD RCPT IT CLOSET 421	20 A	1			180 VA / 500 VA	1	20 A	CEILING FAN	12	2#10, #10 GND, 3/4"C
2#12, #12 GND, 3/4"C	13	QUAD RCPT IT CLOSET 421	20 A	1	180 VA / 180 VA			1	20 A	DEDICATED CIRCUIT	14	2#10, #10 GND, 3/4"C
2#12, #12 GND, 3/4"C	15	GFCI RCPT RR 423	20 A	1		360 VA / 180 VA		1	20 A	REFIGERATOR	16	2#10, #10 GND, 3/4"C
2#12, #12 GND, 3/4"C	17	RCPT FACILITIES 425	20 A	1			360 VA / 180 VA	1	20 A	COPY MACHINE	18	2#10, #10 GND, 3/4"C
2#12, #12 GND, 3/4"C	19	RCPT ADMIN 419	20 A	1	1260 VA / 0 VA			1	20 A	SPARE	20	
2#12, #12 GND, 3/4"C	21	QUAD RCPT OFFICE 420	20 A	1		180 VA / 0 VA		1	20 A	SPARE	22	
2#12, #12 GND, 3/4"C	23	RCPT OFFICE 420	20 A	1			1080 VA / 0 VA	1	20 A	SPARE	24	
2#12, #12 GND, 3/4"C	25	RCPT CONFERENCE 418	20 A	1	900 VA / 0 VA			1	20 A	SPARE	26	
2#12, #12 GND, 3/4"C	27	RCPT ADMIN 416	20 A	1		900 VA / 0 VA		1	20 A	SPARE	28	
2#12, #12 GND, 3/4"C	29	GFCI RCPT ADMIN 417	20 A	1			720 VA / 0 VA	1	20 A	SPARE	30	
2#12, #12 GND, 3/4"C	31	GFCI RCPT WORK RM 410	20 A	1	540 VA / 0 VA			1	20 A	SPARE	32	
2#12, #12 GND, 3/4"C	33	RCPT COLONY 413	20 A	1		1080 VA / 0 VA		1	20 A	SPARE	34	
2#12, #12 GND, 3/4"C	35	RCPT ADOPTION 409	20 A	1			720 VA / 0 VA	1	20 A	SPARE	36	
2#12, #12 GND, 3/4"C	37	RCPT FOYER	20 A	1	1080 VA / 0 VA			1	20 A	SPARE	38	
2#12, #12 GND, 3/4"C	39	CASEWORK POWER FOYER	20 A	1		1000 VA / 0 VA		1	20 A	SPARE	40	
2#12, #12 GND, 3/4"C	41	CASEWORK POWER FOYER	20 A	1			1500 VA / 0 VA	1	20 A	SPARE	42	
			Total Load:		5880 VA	6008 VA	6070 VA					
			Total...		49 A	50 A	51 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
HVAC	1000 VA	100.00%	1000 VA		
Motor	2468 VA	100.00%	2468 VA	Total Conn. Load:	17858 VA
Receptacles	14390 VA	84.75%	12195 VA	Total Est. Demand:	15663 VA
				Total Conn. Current:	50 A
				Total Est. Demand Current:	43 A

Panel: L3-4

Location: ELECTRICAL 318	Williamson County	Willliamson County Regional Animal Shelter	
Supply From: 1DLA	Volts: 120/208 Wye	Bus Rating: 100A	Feed Through:
Mounting: Surface	Phases: 3	MCB: 100A	Sub-Feed: No
Enclosure: NEMA 1	A.I.C. Rating: 10,000	MLO: No	Neutral Rating: 100.00%

Notes:

Wire & Conduit	Ckt No.	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	Ckt No.	Wire & Conduit
	1	SPARE	20 A	1	0 VA / 0 VA			1	20 A	SPARE	2	
	3	SPARE	20 A	1		0 VA / 0 VA		1	20 A	SPARE	4	
	5	SPARE	20 A	1			0 VA / 0 VA	1	20 A	SPARE	6	
	7	SPARE	20 A	1	0 VA / 0 VA			1	20 A	SPARE	8	
	9	SPARE	20 A	1		0 VA / 0 VA		1	20 A	SPARE	10	
	11	SPARE	20 A	1			0 VA / 0 VA	1	20 A	SPARE	12	
	13	SPARE	20 A	1	0 VA / 0 VA			1	20 A	SPARE	14	
	15	SPARE	20 A	1		0 VA / 0 VA		1	20 A	SPARE	16	
	17	SPARE	20 A	1			0 VA / 0 VA	1	20 A	SPARE	18	
	19	SPARE	20 A	1	0 VA / 0 VA			1	20 A	SPARE	20	
	21	SPARE	20 A	1		0 VA / 0 VA		1	20 A	SPARE	22	
	23	SPARE	20 A	1			0 VA / 0 VA	1	20 A	SPARE	24	
	25	SPARE	20 A	1	0 VA / 0 VA			1	20 A	SPARE	26	
	27	SPARE	20 A	1		0 VA / 0 VA		1	20 A	SPARE	28	
	29	SPARE	20 A	1			0 VA / 0 VA	1	20 A	SPARE	30	
	31	SPARE	20 A	1	0 VA / 0 VA			1	20 A	SPARE	32	
	33	SPARE	20 A	1		0 VA / 0 VA		1	20 A	SPARE	34	
	35	SPARE	20 A	1			0 VA / 0 VA	1	20 A	SPARE	36	
	37	SPARE	20 A	1	0 VA / 0 VA			1	20 A	SPARE	38	
	39	SPARE	20 A	1		0 VA / 0 VA		1	20 A	SPARE	40	
	41	SPARE	20 A	1			0 VA / 0 VA	1	20 A	SPARE	42	
			Total Load:		0 VA	0 VA	0 VA					
			Total...		0 A	0 A	0 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0 VA
				Total Est. Demand:	0 VA
				Total Conn. Current:	0 A
				Total Est. Demand Current:	0 A

Date Issued:

09/27/17	ISSUE FOR PERMIT
10/18/17	ADDENDUM 01
11/07/17	ADDENDUM 02
11/15/17	FIRST RE-SUBMITTAL - PLAN REVIEW
03/21/18	RFI-030

GEORGETOWN PROJECT NO. 2017-39592

Project Number: **16042**

Willliamson County Regional Animal Shelter

1855 SE INNER LOOP
GEORGETOWN, TEXAS 78626

JACKSON & RYAN ARCHITECTS
2370 RICE BOULEVARD, HOUSTON, TEXAS 77005

CIVIL ENGINEER
DAVCAR ENGINEERING
512-328-4428
LANDSCAPE ARCHITECT
GARCIA DESIGN
512-892-0353
STRUCTURAL ENGINEER
MATRIX STRUCTURAL ENGINEERS
713-664-0130
MECHANICAL, ELECTRICAL & PLUMBING ENGINEER
SHAH SMITH & ASSOCIATES, INC.
512-851-0404

GENERAL CONTRACTOR
VAUGHN CONSTRUCTION
512-318-1332

Tx. Registration # F-2113

STATE OF TEXAS
MARK GREEN
104985
LICENSED PROFESSIONAL ENGINEER
03/28/2018

Sheet Content:

ELECTRICAL PANELBOARD SCHEDULES

SCALE:

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Drawings and Specifications as instruments of service are and shall remain the property of the Architect. They are not to be used on other projects or extensions to this project except by agreement in writing and with appropriate compensation to the Architect. Contractor is responsible for confirming and correlating dimensions at job site; the Architect will not be responsible for construction means, methods, techniques, sequences or procedures; or for safety precautions and programs in connection with the project.

E.3-7.01

Plot Date: 10/18/2017

3/20/2018 5:12:08 PM C:\Users\djinks\Documents\1171-002-01_Elec_New Building_R17_djinks.rvt

VAUGHN CONSTRUCTION
18551 SE Inner Loop
Georgetown, TX
78626

T: (210) 328-0193

May 15, 2018

Dale Butler
Williamson County
710 Main Street
Georgetown, TX 78626

Re: Animal Shelter Expansion

Job No: 249101

Subj: Change Proposal No. 249101-0017

Dear Sir or Madam:

We respectfully submit our proposal for an increase to our contract in the amount of $0 (zero) dollars to provide Adding Disconnects, Fuses and Unistrut Per ASI 002 for the above referenced project.

Our price is valid for Thirty (30) days

Please indicate your acceptance of this change proposal by signing and returning one copy of the attached Form B breakdown of our cost.

Very truly yours,
VAUGHN CONSTRUCTION

Thomas Morrill

Attachments:

CC:

FORM B

PROJECT: Animal Shelter Expansion

CHANGE PROPOSAL NO: 249101-0017

QUOTATION :

Item	Labor	Materials	Subs	Total
Adding Disconnects, Fuses and Unistrut Per ASI 002	$0.00	$0.00	$4,752.00	$4,752.00
Subcontractor Default Insurance	$0.00	$59.00	$0.00	$59.00
CM Fee	$0.00	$164.00	$0.00	$164.00
To Be Funded By Owners Contingency	$0.00	$(4,975.00)	$0.00	$(4,975.00)
Totals	$0.00	$(4,752.00)	$4,752.00	$0.00
	Insurance, Tax, Benefits on Labor			$0.00
	Overhead			$0.00
	Fee on Subs			$0.00
	Fee on JTV			$0.00
	Bond			$0.00
	Remodel Tax			$0.00
	TOTAL			**$0.00**

TIME EXTENSION TO CONTRACT: 0 Days

Submitted Date: 5/15/2018

Accepted

By: _____

Date _____

VAUGHN CONSTRUCTION

By: _____
Thomas Morrill

Proposal Valid for 30 Days

PRICE ONLY PROPOSAL

Date: 4-26-18

To: Jay McGilton
Vaughn Construction
C# 512.820.2308

Project Name: Williamson Co. Regional Animal Shelter
Project Number: 249101-0007
SEC Project Number: 988

Description of Work: PCO #3 (ASI 002)

Scope:

Provide labor and material for the following:
Add Disconnects, Fuses & uni-strut per ASI 002

Cost: $4,752.00

Exclusions and Clarifications:

i. All work will be performed utilizing union labor during normal business hours.
ii. This Change Proposal covers direct cost only and we reserve the right to claim for impact and consequential costs.
iii. Excludes any cutting, patching and painting of existing surfaces.

No work will be started until a fully executed Contract, Change Order or Notice to Proceed is received. This proposal is valid for 30 days.

Sincerely,

Donny Hammers
Project Manager
PCO #3 - Rev #0

CHANGE NOTICE

Schmidt Electric Company, Inc.
9701 FM 1625
Austin, TX 78747

CCN #	3
Date:	4/26/2018
Project Name:	WILCO RAS
Project Number:	WILCO RAS
Page Number:	1

Client Address:

Itemized Breakdown

Description	Qty	Net Price U	Total Mat.
1 5/8x 1 5/8x 12G STRUT SLOT GALV	40	583.12 C	233.25
30A 250V DSN SW FUSIBLE - NEMA 3R	1	373.50 E	373.50
60A 600V DSN SW FUSIBLE - NEMA 3R	2	697.95 E	1,395.90
100A 600V DSN SW FUSIBLE - NEMA 3R	1	1,021.05 E	1,021.05
45A FUSE 600V ONE TIME	1	31.43 E	31.43
60A FUSE 600V ONE TIME	1	24.91 E	24.91
70A FUSE 600V ONE TIME	1	66.20 E	66.20
Totals	**47**		**3,146.24**

Summary

General Materials		3,146.24
Total Material		**3,146.24**
AF ST (520)	(3.00 Hrs @ $48.59)	145.77
JW ST (520)	(23.00 Hrs @ $41.34)	950.82
PROJECT MANAGER	(1.00 Hrs @ $76.97)	76.97
Subtotal		**4,319.80**
Overhead	(@ 10.000 %)	431.98
Subtotal		**4,751.78**
Final Adjustment		0.22
Final Amount		**$4,752.00**

CLIENT ACCEPTANCE

CCN #: 3
Final Amount:$4,752.00
Name: _____
Date: _____
Signature: _____
Change Order #: _____

I heraby accept this quotation and authorize the contractor to complete the above described work.

ORIGINAL

Williamson County
Williamson County Regional Animal Shelter
Vaughn Project No. 2491-01

VAUGHN CONSTRUCTION

Funds Tracking Log

Change Proposal No.	Change Type & No.	Court Agenda Date	Party of Initiation	Time Extension (Days)		GMP Breakdown					GMP #2491.01	Total Updated Contract Amount
				Pending	Approved	Cost of Work	CM Contingency	Owner Contingency	General Conditions	Construction Phase Fee		
N/A	GMP			-	-	$7,666,840	$228,082	$300,000	$1,034,210	$270,163	$9,499,295	$9,499,295
1	OCO 1	4/24/2018	Contractor	0	0	$10,878	($10,964)	$0	$86	$0	$0	$9,499,295
2	OCO 1	4/24/2018	Contractor	0	0	($8,139)	$8,139	$0	$0	$0	$0	$9,499,295
3	OCO 1	4/24/2018	Contractor	0	0	($3,945)	$3,924	$0	$21	$0	$0	$9,499,295
4	OCO 1	4/24/2018	Architect	0	0	$412	($412)	$0	$0	$0	$0	$9,499,295
5	OCO 1	4/24/2018	Architect	0	0	$11,089	$0	($11,615)	$143	$383	$0	$9,499,295
OCO 1 Totals				**0**	**0**	**$10,295**	**$687**	**($11,615)**	**$250**	**$383**	**$0**	**$9,499,295**
6	OCO 2	5/1/2018	Architect	0	0	$1,423	$0	($1,491)	$18	$50	$0	$9,499,295
7	OCO 2	5/1/2018	Contractor	0	0	$769	$0	($806)	$10	$27	$0	$9,499,295
8	OCO 2	5/1/2018	Contractor	0	0	$3,595	($3,640)	$0	$45	$0	$0	$9,499,295
9	OCO 2	5/1/2018	Contractor	0	0	$16,917	($17,128)	$0	$211	$0	$0	$9,499,295
10	OCO 2	5/1/2018	Contractor	0	0	($9,016)	$9,016	$0	$0	$0	$0	$9,499,295
OCO 2 Totals				**0**	**0**	**$13,688**	**($11,752)**	**($2,297)**	**$284**	**$77**	**$0**	**$9,499,295**
11	OCO 3			0	0	$5,028	$0	($5,201)	$0	$173	$0	$9,499,295
12	OCO 3			0	0	$15,199	$0	($15,912)	$189	$524	$0	$9,499,295
13	OCO 3			0	0	$825	$0	($853)	$0	$28	$0	$9,499,295
14	OCO 3			0	0	$726	$0	($751)	$0	$25	$0	$9,499,295
15	OCO 3			0	0	$1,278	($1,294)	$0	$16	$0	$0	$9,499,295
16	OCO 3			0	0	$5,085	$0	($5,324)	$64	$175	$0	$9,499,295
17	OCO 3			0	0	$4,752	$0	($4,975)	$59	$164	$0	$9,499,295
OCO 3 Totals				**0**	**0**	**$32,893**	**($1,294)**	**($33,016)**	**$328**	**$1,089**	**$0**	**$9,499,295**
18										$0	$0	$9,499,295
19										$0	$0	$9,499,295
20										$0	$0	$9,499,295
21										$0	$0	$9,499,295
22										$0	$0	$9,499,295
23										$0	$0	$9,499,295
24										$0	$0	$9,499,295
25										$0	$0	$9,499,295
26										$0	$0	$9,499,295
27										$0	$0	$9,499,295
28										$0	$0	$9,499,295
29										$0	$0	$9,499,295
30										$0	$0	$9,499,295
31										$0	$0	$9,499,295
32										$0	$0	$9,499,295
33										$0	$0	$21,530,927
34										$0	$0	$9,499,295
35										$0	$0	$9,499,295
36										$0	$0	$9,499,295
37										$0	$0	$9,499,295
38										$0	$0	$9,499,295
39										$0	$0	$9,499,295
40										$0	$0	$9,499,295
Current Amounts				**0**	**0**	**$7,690,823**	**$217,017**	**$286,088**	**$1,034,744**	**$270,623**	**$9,499,295**	**$9,499,295**

Commissioners Court - Regular Session **31.**

Meeting Date: 06/19/2018

Expo RV Park P464 - Change Order 1

Submitted By: Gina Wrehsnig, Infrastructure

Department: Infrastructure **Division:** Building Maintenance

Agenda Category: Regular Agenda Items

Information

Agenda Item

Discuss, consider and take appropriate action on the Williamson County Expo RV Park Project, Change Order # 1 from Champion Site Prep, L.P., in the amount of $2,310.00 for additional underground utility concrete encasement. This change order is being funded out of the Owners Contingency.

Background

The necessity of concrete encasement at the sewer main is due to unknown site conditions which make it necessary to reinforce the sewer main to prevent future damage .

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

RV Change Order 1

RV CO1 Funds

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Wendy Coco	06/14/2018 09:25 AM
Form Started By: Gina Wrehsnig		Started On: 06/14/2018 09:10 AM
Final Approval Date: 06/14/2018		

Change Order No. 01

Project Name: WILLIAMSON COUNTY EXPO CENTER RV PARK	**Engineer Project No.:** 32388.001
Project Owner and Address: Williamson County 710 Main Street, Ste. 101 Georgetown, Texas 78626	**Date of Issuance:** 6/4/2018
Project Contractor and Address: Champion Site Prep, L.P. 455-A State Hwy 195 Georgetown, Texas 78633	**Date of Contract:** 4/19/2018 (NTP)
	Contract Period: 200 days from NTP (Substantial)

It is agreed to modify the Contract referred to above as follows:

Item #	Description Of Changes	Change in Contract Price	Change in Contract Time
NEW*	ADD – CONCRETE ENCASEMENT [60 LF @ $25.00/LF]	$1,500.00	0
NEW*	ADD – EXCAVATE FOR ENCASEMENT UNDER DRIVEWAY [60 LF @ $13.50/LF]	$810.00	0
	Difference Net =	$2,310.00	0

Summary: It is agreed to modify the Contract referred to above as follows:

Contract Price prior to this Change Order: $ 1,798,350.00	**Contract Time prior to this Change Order** Substantial (days and date): 200 Days;
Net Increase (decrease) of this Change Order: $ 2,310.00	**Net Increase (decrease) of this Change Order** 0 days
Revised Contract Price with all approved Change Orders: $ 1,800,660.00	**Revised Contract Time with all approved Change Orders** Substantial (days and date): 200 Days;

The changes included in this Change Order are to be accomplished in accordance with the terms, stipulations and conditions of the original Contract as though included therein

Charles Mayer

Accepted for Contractor by: Charles Mayer, Champion Site Prep — **Date:** 6/6/2018

Dan Ty

Recommended for Approval by: Halff Associates, Inc. (Engineer) — **Date:** 6/6/18

Approval by: Williamson County — **Date:**

Distribution: Contractor _____ File _____ Field _____ Owner _____ Other _____

Williamson County Facilities - Job Cost Tracking Log

Project: RV Park @ Expo P464 Change Order: 1

Change Order No.	Court Agenda Date	Party of Initiation	Time Ext. (Days)	GMP Breakdown		Total Updated Contract Amount
				Cost of Work	Owner Contingency	
Contract			200	$ 1,798,350.00	$ 180,000.00	$ 1,978,350.00
1		Owner	0	$ 2,310.00	$ (2,310.00)	$ 1,978,350.00
2						$ 1,978,350.00
3						$ 1,978,350.00
4						$ 1,978,350.00
5						$ 1,978,350.00
6						$ 1,978,350.00
7						$ 1,978,350.00
8						$ 1,978,350.00
9						$ 1,978,350.00
10						$ 1,978,350.00
11						$ 1,978,350.00
12						$ 1,978,350.00
13						$ 1,978,350.00
14						$ 1,978,350.00
15						$ 1,978,350.00
16						$ 1,978,350.00
17						$ 1,978,350.00
18						$ 1,978,350.00
19						$ 1,978,350.00
20						$ 1,978,350.00
21						$ 1,978,350.00
22						$ 1,978,350.00
23						$ 1,978,350.00
24						$ 1,978,350.00
25						$ 1,978,350.00
26						$ 1,978,350.00
27						$ 1,978,350.00
28						$ 1,978,350.00
29						$ 1,978,350.00
30						$ 1,978,350.00
						$ 1,978,350.00
			0	**$ 1,800,660.00**	**$ 177,690.00**	**$ 1,978,350.00**

Commissioners Court - Regular Session **32.**

Meeting Date: 06/19/2018

Resolution for Condemnation

Submitted For: Charlie Crossfield **Submitted By:** Charlie Crossfield, Road Bond

Department: Road Bond

Agenda Category: Regular Agenda Items

Information

Agenda Item

Consider a resolution determining the necessity and authorizing the use of eminent domain to condemn (0.649 acres) required for the construction of CR 200, and take appropriate action. (Parcel 3- Steve Shi and Yan Zhang)

Background

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

Shi-Zhang Resolution

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Wendy Coco	06/14/2018 10:10 AM
Form Started By: Charlie Crossfield		Started On: 06/14/2018 09:53 AM
Final Approval Date: 06/14/2018		

IN THE COMMISSIONERS' COURT
OF WILLIAMSON COUNTY, TEXAS

RESOLUTION

WHEREAS, the Commissioners' Court of Williamson County, Texas, has found and determined that in order to promote the public safety, to facilitate the safety and movement of traffic, and to preserve the financial investment of the public in its roadways, public necessity requires acquisition of fee simple title to a certain tract of land being 0.649 acre (Parcel 3) described by metes and bounds in Exhibit "A" owned by **Steve Shi and Yan Zhang,** for the purpose of constructing, reconstructing, maintaining, and operating CR 200 roadway improvements ("Project"), excluding all the oil, gas, and sulphur which can be removed from beneath said real property, without any right whatever remaining to the owner of such oil, gas, and sulphur of ingress to or egress from the surface of said real property for the purpose of exploring, developing, or mining of the same, as a part of the improvements to the Project, at such locations as are necessary and that such constructing, reconstructing, maintaining, and operating shall extend across and upon, and will cross, run through, and be upon the hereinafter described real properties; and

WHEREAS, the Commissioners' Court of Williamson County, Texas, has, through agents employed by the said office, entered into bona fide good faith negotiations with the owners of the hereinafter described properties and has failed to agree with the owners on the compensation and damages, if any, due to said owners. Now, therefore, the Commissioners' Court of Williamson County, Texas is authorizing the use of its power of eminent domain to condemn property.

BE IT RESOLVED BY THE COMMISSIONERS' COURT OF THE COUNTY OF WILLIAMSON, that the County Attorney or his designated agent be and he is hereby

authorized and directed to file or cause to be filed against the owners of any interest in, and the holders of any lien secured by, the following described tracts of land, described in Exhibit "A" attached hereto, a suit in eminent domain to acquire the property interests for the aforesaid purposes; and

It is the intent of the Commissioners' Court that this resolution authorizes the condemnation of all property interests required to complete the construction and maintenance of the Project and associated public purposes. If it is later determined that there are any errors in the descriptions contained herein or if later surveys contain more accurate revised descriptions, the County Attorney is authorized to have such errors corrected or revisions made without the necessity of obtaining a new resolution of the Commissioners' Court authorizing the condemnation of the corrected or revised Property.

BE IT FURTHER RESOLVED that the County Attorney or his designated agent be and he is hereby authorized and directed to incur such expenses and to employ such experts as she shall deem necessary to assist in the prosecution of such suit in eminent domain, including, but not limited to, appraisers, engineers, and land use planners or other required expert consultants.

Adopted this _____ day of _____, 2018.

_____
Dan A. Gattis
Williamson County Judge

EXHIBIT A

County: Williamson County
Roadway: **CR. 200**

PROPERTY DESCRIPTION
PARCEL 3

BEING A 0.649 ACRE (28,250 SQUARE FEET) TRACT OF LAND SITUATED IN THE RICHARD WEST SURVEY, ABSTRACT 643 IN WILLIAMSON COUNTY, TEXAS AND BEING OUT OF LOT 57, SUNDANCE RANCH, A PLAT RECORDED IN CABINET O, SLIDE 55, OF THE PLAT RECORDS OF WILLIAMSON COUNTY, TEXAS (P.R.W.C), AND IN DOCUMENT NO. 9701704, OF THE OFFICAIL RECORDS OF WILLIAMSON COUNTY, TEXAS (O.R.W.C.), SAID LOT 57 BEING CONVEYED TO STEVE SHI AND YAN ZHANG, HUSBAND AND WIFE, BY DEED RECORDED IN DOCUMENT NO. 2016037606, O.P.R.W.C., SAID 0.649 ACRE TRACT, AS SHOWN ON THE ACCOMPANYING SKETCH, BEING MORE PARTICULARLY DESCRIBED BY METES AND BOUNDS AS FOLLOWS:

BEGINNING at a ½" iron rod with plastic cap stamped "SURVTEX" set at the intersection of a common line being the southerly line of said Lot 57, Sundance Ranch and a northerly line of a called 58.13 acre tract conveyed to Andrew S. Huang and Min S. Huang, husband and wife, by deed recorded in Document No. 2013086306, of the Official Public Records of Williamson County, Texas (O.P.R.W.C.), with the proposed easterly right-of-way (R.O.W.) line of Williamson County Road 200 (C.R. 200), and being the southeast corner hereof, from said ½" iron rod with plastic cap, the calculated southeast corner of said Lot 57 bears N 81°26'40" E along said common line, a distance of 548.48', and from said calculated corner a ½" iron rod found bears S 20°44'47" E, a distance of 0.29', also from said ½" iron rod with plastic cap a calculated angle point in said common line bears N 81°26'40" E a distance of 1218.55', and from said calculated angle point, a ½" iron rod with "Forest" cap bears N 08°33'20" W a distance of 0.25', for reference;

1. **THENCE** S 81°26'40" W, with said common line, a distance of 47.57' to a ½" iron rod found marking the southwest corner of said Lot 57, and the southeast corner of a called 0.6664 acre right-of-way dedication recorded with the plat of said Sundance Ranch, and being the southwest corner hereof, from which a ½" iron rod with "Forest" cap found marking the common westerly corner of said Huang tract and said R.O.W. dedication (Sundance Ranch), bears S 81°26'40" W a distance of 20.13', for reference;

2. **THENCE** N 15°00'50" W, along the common line of said Lot 57 and said R.O.W. dedication, at a distance of 555.41' passing the calculated westerly termination of a Private Roadway Easement recorded with plat of said Sundance Ranch, from which a ½" iron rod found bears S 69°13'09" W a distance of 0.32', and continuing 40.22' for a total distance of 595.63' to a calculated point being the northwest corner of said Lot 57, same being the southwest corner of Lot 1, of said Sundance Ranch, and being the northwest corner hereof;

EXHIBIT __

County: Williamson County
Roadway: **CR. 200**

3. **THENCE** N 69°13'47" E, along the common line of said Lot 57 and said Lot 1, a distance of 47.04' to a Mag nail with washer stamped "SURVTEX" set in the proposed easterly R.O.W. line of said C.R. 200, from which a calculated point for a point of curvature in said common line bears N 69°13'47" E, a distance of 233.88', and from said calculated point a ½" iron rod found marking a point of curvature in the northerly line of a Private Roadway Easement recorded with said plat of Sundance Ranch bears N 20°35'23" W, a distance of 29.92', also from said calculated point a ½" iron rod found marking a point of curvature in the southerly line of said Private Roadway Easement bears S 20°35'23" E, a distance of 29.92';

4. **THENCE** S 15°03'26" E, across said Lot 57 and with the proposed easterly R.O.W. line of said C.R. 200, a distance of 605.70' to the **POINT OF BEGINNING** and containing 0.649 acres (28,250 square feet) of land, more or less.

The bearings shown hereon are stated to be: Texas State Plane, Central Zone, NAD 83 (2011). Distances are surface values, scaled using a project Surface Adjustment Factor of 1.00015. (Surface = Plane x 1.00015).

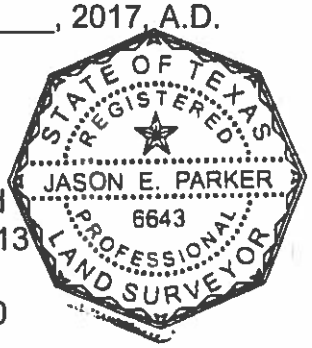
The square footage calculated and shown herein is based on a computed closure of this parcel(s) and is included for informational purposes only.

This property description is accompanied by a separate plat of even date.

THE STATE OF TEXAS §
§ KNOW ALL MEN BY THESE PRESENTS:
COUNTY OF WILLIAMSON §

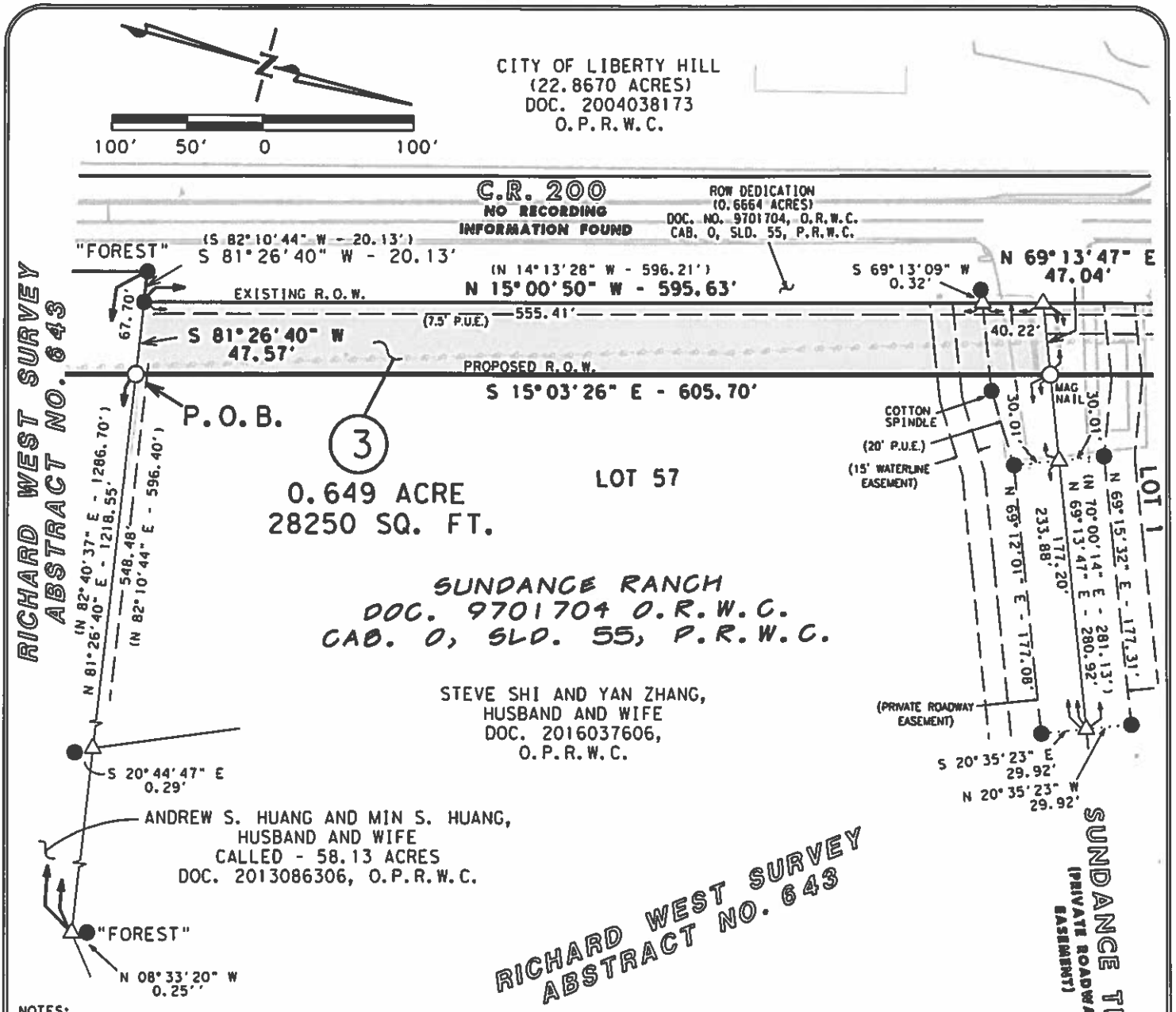
That I, Jason E. Parker, a Registered Professional Land Surveyor, do hereby state that the above description is true and correct to the best of my knowledge and belief and that the property described herein was determined by a survey made on the ground under my direction and supervision.

WITNESS MY HAND AND SEAL at Cedar Park, Williamson County, Texas this the 25th day of Oct, 2017, A.D.



SURVTEX LLC
600 W. Whitestone Blvd
Cedar Park, Texas 78613
(512) 249-8875
TBPLS Firm #10084600

Jason E. Parker
Registered Professional Land Surveyor
No. 6643 – State of Texas



NOTES:

1. THIS SURVEY WAS PERFORMED WITHOUT THE BENEFIT OF A TITLE COMMITMENT, RECORD INFORMATION ON THIS SKETCH IS BASED ON A PUBLIC RECORDS SEARCH BY THE SURVEYOR AND MAY NOT INCLUDE ALL EASEMENTS OR INSTRUMENTS PERTAINING TO THIS PROPERTY.

2. THE BEARINGS SHOWN HEREON ARE: TEXAS STATE PLANE, CENTRAL ZONE, NAD 83 (2011). DISTANCES ARE SURFACE VALUES, SCALED USING A PROJECT SURFACE ADJUSTMENT FACTOR OF 1.00015. (SURFACE * PLANE X 1.00015).

3. IMPROVEMENTS SHOWN ARE FROM ON THE GROUND MAPPING PERFORMED IN 2015.

4. THE SQUARE FOOTAGE CALCULATED AND SHOWN HEREON IS BASED ON A COMPUTED CLOSURE OF THIS PARCEL AND IS FOR INFORMATIONAL PURPOSES ONLY.

5. PROPERTY DESCRIPTION WITH SAME DATE WAS PREPARED WITH THIS PLAT.

I HEREBY CERTIFY THAT THIS SURVEY WAS MADE ON THE GROUND UNDER MY DIRECTION AND SUPERVISION, AND THIS PLAT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

10.25.17
DATE

JASON E. PARKER
REGISTERED PROFESSIONAL LAND SURVEYOR
NO. 6643, STATE OF TEXAS

LEGEND
(UNLESS OTHERWISE NOTED)

■	TxDOT TYPE I MONUMENT FOUND
○	1/2" IRON ROD SET WITH "SURVTEX" CAP
●	1/2" IRON ROD FOUND
△	CALCULATED POINT
( )	RECORD INFORMATION
D.R.W.C.	DEED RECORDS OF WILLIAMSON COUNTY, TEXAS
O.R.W.C.	OFFICIAL RECORDS OF WILLIAMSON COUNTY, TEXAS
O.P.R.W.C.	OFFICIAL PUBLIC RECORDS OF WILLIAMSON COUNTY, TEXAS
P.R.W.C.	PLAT RECORDS OF WILLIAMSON COUNTY, TEXAS
P.O.B.	POINT OF BEGINNING
P.O.C.	POINT OF COMMENCEMENT
P.O.R.	POINT OF REFERENCE

STATE OF TEXAS
REGISTERED
JASON E. PARKER
6643
PROFESSIONAL
LAND SURVEYOR

PARCEL 3
ACRES: 0.649
HIGHWAY: C.R. 200
ROW CSJ:
COUNTY: WILLIAMSON
SCALE: 1" = 100'
SHEET 3 OF 3

FILE: P03.dgn

SURVTEX LLC
PROFESSIONAL SURVEYING AND MAPPING SERVICES
600 W. WHITESTONE BLVD.
CEDAR PARK, TEXAS 78613
PHONE: (512) 249-8875
FAX (512) 249-5040
TBPLS FIRM NO. 10084600

Commissioners Court - Regular Session **33.**

Meeting Date: 06/19/2018

Resolution for Condemnation

Submitted For: Charlie Crossfield **Submitted By:** Charlie Crossfield, Road Bond

Department: Road Bond

Agenda Category: Regular Agenda Items

Information

Agenda Item

Consider a resolution determining the necessity and authorizing the use of eminent domain to condemn (0.06 acres) required for the construction of CR 200, and take appropriate action. (Parcel 11- Yepez/Alvarado)

Background

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

Yepez Resolution for Condemnation

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Wendy Coco	06/14/2018 10:10 AM
Form Started By: Charlie Crossfield		Started On: 06/14/2018 09:55 AM
Final Approval Date: 06/14/2018		

IN THE COMMISSIONERS' COURT
OF WILLIAMSON COUNTY, TEXAS

RESOLUTION

WHEREAS, the Commissioners' Court of Williamson County, Texas, has found and determined that in order to promote the public safety, to facilitate the safety and movement of traffic, and to preserve the financial investment of the public in its roadways, public necessity requires acquisition of fee simple title to a certain tract of land being 0.060 acre (Parcel 11) described by metes and bounds in Exhibit "A" owned by **Raude Yepez and Amelia Alvarado,** for the purpose of constructing, reconstructing, maintaining, and operating CR 200 roadway improvements ("Project"), excluding all the oil, gas, and sulphur which can be removed from beneath said real property, without any right whatever remaining to the owner of such oil, gas, and sulphur of ingress to or egress from the surface of said real property for the purpose of exploring, developing, or mining of the same, as a part of the improvements to the Project, at such locations as are necessary and that such constructing, reconstructing, maintaining, and operating shall extend across and upon, and will cross, run through, and be upon the hereinafter described real properties; and

WHEREAS, the Commissioners' Court of Williamson County, Texas, has, through agents employed by the said office, entered into bona fide good faith negotiations with the owners of the hereinafter described properties and has failed to agree with the owners on the compensation and damages, if any, due to said owners. Now, therefore, the Commissioners' Court of Williamson County, Texas is authorizing the use of its power of eminent domain to condemn property.

BE IT RESOLVED BY THE COMMISSIONERS' COURT OF THE COUNTY OF WILLIAMSON, that the County Attorney or his designated agent be and he is hereby

authorized and directed to file or cause to be filed against the owners of any interest in, and the holders of any lien secured by, the following described tracts of land, described in Exhibit "A" attached hereto, a suit in eminent domain to acquire the property interests for the aforesaid purposes; and

It is the intent of the Commissioners' Court that this resolution authorizes the condemnation of all property interests required to complete the construction and maintenance of the Project and associated public purposes. If it is later determined that there are any errors in the descriptions contained herein or if later surveys contain more accurate revised descriptions, the County Attorney is authorized to have such errors corrected or revisions made without the necessity of obtaining a new resolution of the Commissioners' Court authorizing the condemnation of the corrected or revised Property.

BE IT FURTHER RESOLVED that the County Attorney or his designated agent be and he is hereby authorized and directed to incur such expenses and to employ such experts as she shall deem necessary to assist in the prosecution of such suit in eminent domain, including, but not limited to, appraisers, engineers, and land use planners or other required expert consultants.

Adopted this _____ day of _____, 2018.

_____
Dan A. Gattis
Williamson County Judge

EXHIBIT A

County: Williamson County
Roadway: **CR. 200**

PROPERTY DESCRIPTION
PARCEL 11

BEING A 0.060 ACRE (2,633 SQUARE FEET) TRACT OF LAND OUT OF LOT 81, CIERRA VISTA SUBDIVISION, A PLAT RECORDED IN DOCUMENT NO. 2007078025 OF THE OFFICIAL PUBLIC RECORDS OF WILLIAMSON COUNTY, TEXAS (O.P.R.W.C.) AND IN CABINET DD, SLIDE 314 OF THE PLAT RECORDS OF WILLIAMSON COUNTY, TEXAS, SAID LOT 81 BEING CONVEYED TO RAUDE YEPEZ AND WIFE, AMELIA ALVARADO BY DEED RECORDED IN DOCUMENT NO. 2015104273, O.P.R.W.C., SAID 0.060 ACRES, AS SHOWN ON THE ACCOMPANYING SKETCH, BEING MORE PARTICULARLY DESCRIBED BY METES AND BOUNDS AS FOLLOWS:

BEGINNING at a ½" iron rod with plastic cap stamped "SURVTEX" set at the intersection of the proposed westerly right-of-way (R.O.W.) line of Williamson County Road 200 (C.R. 200) with a common line being the north line of said Lot 81 and the south line of Lot 80 of said Cierra Vista Subdivision, and being the northwest corner hereof, from which a ½" iron rod found marking the common west corner of said Lots 80 and 81 bears S 68°54'40" W, 294.02' for reference;

1. **THENCE** N 68°54'40" E, with said common line, 20.00' to a ½" iron rod with cap stamped "3DS" found in the existing west margin of C.R. 200 (no recording information found), same being the common east corner of said Lots 80 and 81 for the northeast corner hereof;

3. **THENCE** S 21°03'28" E, with the existing west margin of C.R. 200, same being the east line of said Lot 81, 131.66' to a ½" iron rod with cap stamped "3DS" found marking the easterly termination of the northerly line of Bridget Circle, a called 50' R.O.W. recorded on said Cierra Vista Plat, same being the southeast corner of said Lot 81 and hereof;

4. **THENCE** S 68°58'38" W, with the common line of Lot 81 and said Bridget Circle, 20.00' to a ½" iron rod with plastic cap stamped "SURVTEX" set marking the southerly termination of the proposed westerly ROW line of C.R. 200, for the southwest corner hereof;

EXHIBIT __

County: Williamson County
Roadway: **CR. 200**

4. **THENCE** N 21°03'28" W, across said Lot 81 and with the proposed west ROW line of C.R. 200, 131.64' to the **POINT OF BEGINNING** and containing 0.060 acres (2,633 square feet) of land, more or less.

The bearings shown hereon are based on: Texas State Plane, Central Zone, NAD 83 (2011). Distances are surface values, scaled using a project Surface Adjustment Factor of 1.00015. (Surface = Plane x 1.00015).

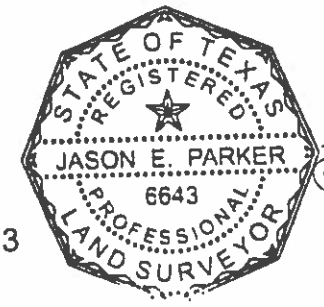
The square footage calculated and shown herein is based on a computed closure of this parcel(s) and is included for informational purposes only.

This property description is accompanied by a separate plat of even date.

THE STATE OF TEXAS §
§ KNOW ALL MEN BY THESE PRESENTS:
COUNTY OF WILLIAMSON §

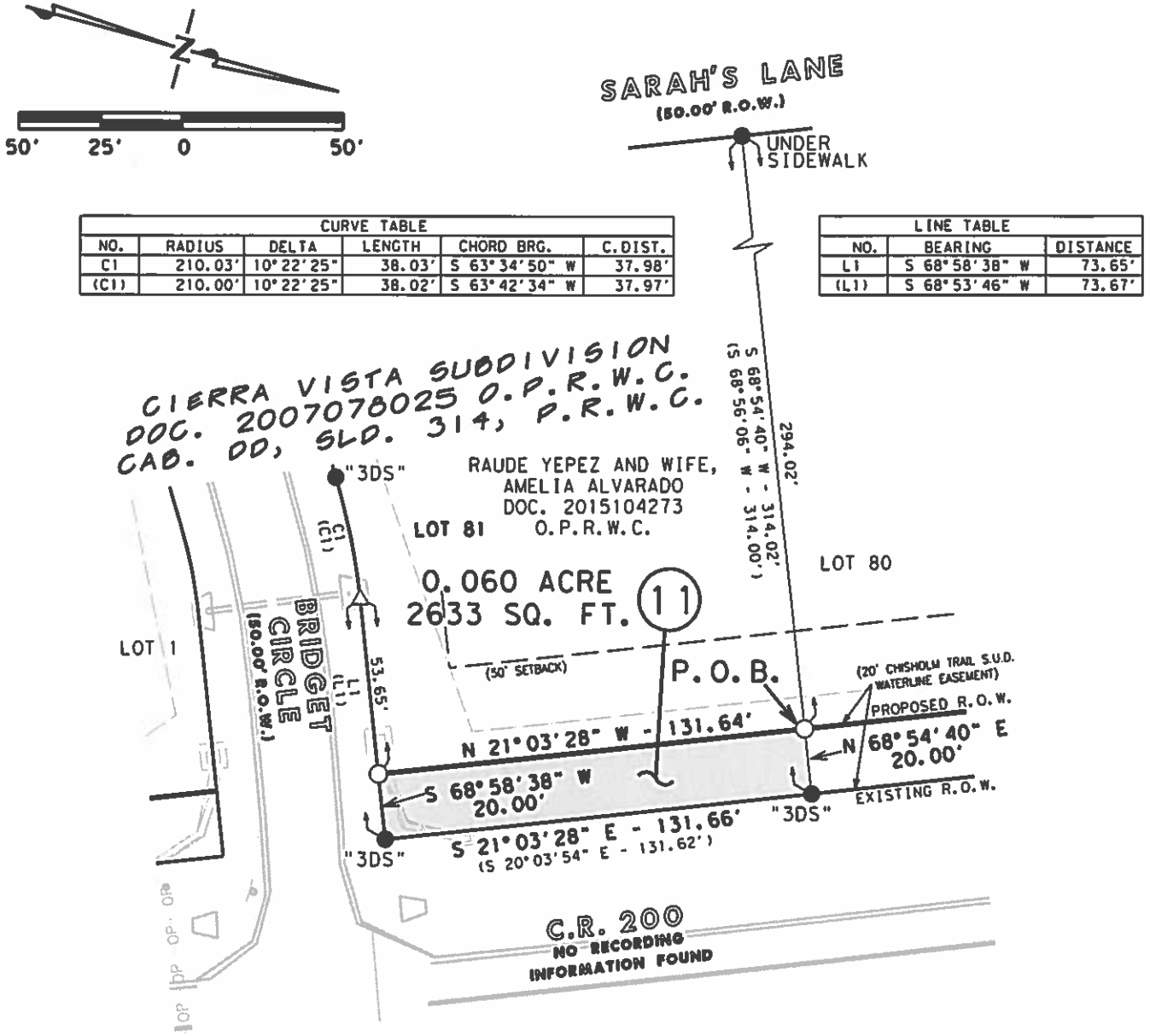
That I, Jason E. Parker, a Registered Professional Land Surveyor, do hereby state that the above description is true and correct to the best of my knowledge and belief and that the property described herein was determined by a survey made on the ground under my direction and supervision.

WITNESS MY HAND AND SEAL at Cedar Park, Williamson County, Texas this the 25th day of Oct, 2017, A.D.



SURVTEX LLC
600 W. Whitestone Blvd
Cedar Park, Texas 78613
(512) 249-8875
TBPLS Firm #10084600

Jason E. Parker
Registered Professional Land Surveyor
No. 6643 – State of Texas



CURVE TABLE					
NO.	RADIUS	DELTA	LENGTH	CHORD BRG.	C.DIST.
C1	210.03'	10°22'25"	38.03'	S 63°34'50" W	37.98'
(C1)	210.00'	10°22'25"	38.02'	S 63°42'34" W	37.97'

LINE TABLE		
NO.	BEARING	DISTANCE
L1	S 68°58'38" W	73.65'
(L1)	S 68°53'46" W	73.67'

NOTES:

1. THIS SURVEY WAS PERFORMED WITHOUT THE BENEFIT OF A TITLE COMMITMENT, RECORD INFORMATION ON THIS SKETCH IS BASED ON A PUBLIC RECORDS SEARCH BY THE SURVEYOR AND MAY NOT INCLUDE ALL EASEMENTS OR INSTRUMENTS PERTAINING TO THIS PROPERTY.

2. THE BEARINGS SHOWN HEREON ARE: TEXAS STATE PLANE, CENTRAL ZONE, NAD 83 (2011). DISTANCES ARE SURFACE VALUES, SCALED USING A PROJECT SURFACE ADJUSTMENT FACTOR OF 1.00015. (SURFACE = PLANE X 1.00015).

3. IMPROVEMENTS SHOWN ARE FROM ON THE GROUND MAPPING PERFORMED IN 2015.

4. THE SQUARE FOOTAGE CALCULATED AND SHOWN HEREON IS BASED ON A COMPUTED CLOSURE OF THIS PARCEL AND IS FOR INFORMATIONAL PURPOSES ONLY.

5. PROPERTY DESCRIPTION WITH SAME DATE WAS PREPARED WITH THIS PLAT.

I HEREBY CERTIFY THAT THIS SURVEY WAS MADE ON THE GROUND UNDER MY DIRECTION AND SUPERVISION, AND THIS PLAT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

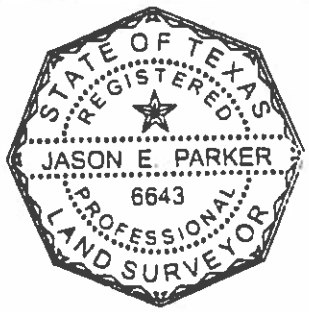
10.25.17
DATE

JASON E. PARKER
REGISTERED PROFESSIONAL LAND SURVEYOR
NO. 6643, STATE OF TEXAS

LEGEND
(UNLESS OTHERWISE NOTED)

- ■ TxDOT TYPE 1 MONUMENT FOUND
- ○ 1/2" IRON ROD SET WITH "SURVTEX" CAP
- ● 1/2" IRON ROD FOUND
- △ CALCULATED POINT
- ( ) RECORD INFORMATION

D.R.W.C.	DEED RECORDS OF WILLIAMSON COUNTY, TEXAS
O.R.W.C.	OFFICIAL RECORDS OF WILLIAMSON COUNTY, TEXAS
O.P.R.W.C.	OFFICIAL PUBLIC RECORDS OF WILLIAMSON COUNTY, TEXAS
P.R.W.C.	PLAT RECORDS OF WILLIAMSON COUNTY, TEXAS
P.O.B.	POINT OF BEGINNING
P.O.C.	POINT OF COMMENCEMENT
P.O.R.	POINT OF REFERENCE



PARCEL 11
ACRES: 0.060
HIGHWAY: C.R. 200
ROW CSJ:
COUNTY: WILLIAMSON
SCALE: 1" = 50'
SHEET 3 OF 3

FILE: P11.dgn

SURVTEX LLC
PROFESSIONAL SURVEYING AND MAPPING SERVICES
600 W. WHITESTONE BLVD.
CEDAR PARK, TEXAS 78613
PHONE: (512) 249-8875
FAX (512) 249-5040
TBPLS FIRM NO. 10084600

Commissioners Court - Regular Session **34.**

Meeting Date: 06/19/2018

Resolution for Condemnation

Submitted For: Charlie Crossfield **Submitted By:** Charlie Crossfield, Road Bond

Department: Road Bond

Agenda Category: Regular Agenda Items

Information

Agenda Item

Consider a resolution determining the necessity and authorizing the use of eminent domain to condemn (0.289 acres) required for the construction of CR 176 @ RM 2243, and take appropriate action. (Parcel 11- John B. and Cruzita R. Gordon)

Background

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

Gordon Resolution for Condemnation

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Wendy Coco	06/14/2018 10:10 AM
Form Started By: Charlie Crossfield		Started On: 06/14/2018 10:01 AM
Final Approval Date: 06/14/2018		

IN THE COMMISSIONERS' COURT
OF WILLIAMSON COUNTY, TEXAS

RESOLUTION

WHEREAS, the Commissioners' Court of Williamson County, Texas, has found and determined that in order to promote the public safety, to facilitate the safety and movement of traffic, and to preserve the financial investment of the public in its roadways, public necessity requires acquisition of fee simple title to a certain tract of land being 0.289 acre (Parcel 11) described by metes and bounds in Exhibit "A" owned by **John B. Gordon and Cruzita R. Gordon,** for the purpose of constructing, reconstructing, maintaining, and operating CR 176 @ RM 2243 roadway improvements ("Project"), excluding all the oil, gas, and sulphur which can be removed from beneath said real property, without any right whatever remaining to the owner of such oil, gas, and sulphur of ingress to or egress from the surface of said real property for the purpose of exploring, developing, or mining of the same, as a part of the improvements to the Project, at such locations as are necessary and that such constructing, reconstructing, maintaining, and operating shall extend across and upon, and will cross, run through, and be upon the hereinafter described real properties; and

WHEREAS, the Commissioners' Court of Williamson County, Texas, has, through agents employed by the said office, entered into bona fide good faith negotiations with the owners of the hereinafter described properties and has failed to agree with the owners on the compensation and damages, if any, due to said owners. Now, therefore, the Commissioners' Court of Williamson County, Texas is authorizing the use of its power of eminent domain to condemn property.

BE IT RESOLVED BY THE COMMISSIONERS' COURT OF THE COUNTY OF WILLIAMSON, that the County Attorney or his designated agent be and he is hereby authorized and directed to file or cause to be filed against the owners of any interest in, and the holders of any lien secured by, the following described tracts of land, described in Exhibit "A" attached hereto, a suit in eminent domain to acquire the property interests for the aforesaid purposes; and

It is the intent of the Commissioners' Court that this resolution authorizes the condemnation of all property interests required to complete the construction and maintenance of the Project and associated public purposes. If it is later determined that there are any errors in the descriptions contained herein or if later surveys contain more accurate revised descriptions, the County Attorney is authorized to have such errors corrected or revisions made without the necessity of obtaining a new resolution of the Commissioners' Court authorizing the condemnation of the corrected or revised Property.

BE IT FURTHER RESOLVED that the County Attorney or his designated agent be and he is hereby authorized and directed to incur such expenses and to employ such experts as she shall deem necessary to assist in the prosecution of such suit in eminent domain, including, but not limited to, appraisers, engineers, and land use planners or other required expert consultants.

Adopted this _____ day of _____, 2018.

_____
Dan A. Gattis
Williamson County Judge

EXHIBIT A

County: Williamson
Parcel: 11
Highway:County Road 176

FIELD NOTES

FOR

A 0.289 ACRE, OR 12,575 SQUARE FEET MORE OR LESS, TRACT OF LAND, BEING OUT OF LOT 1, OF THE WHITETAIL SUBDIVISION RECORDED IN CABINET C, SLIDES 117-122 OF THE PLAT RECORDS OF WILLIAMSON COUNTY, TEXAS, DESCRIBED IN CONVEYANCE TO JOHN B. GORDON AND CRUZITA R. GORDON IN WARRANTY DEED RECORDED IN VOLUME 1907, PAGES 170-171 OF THE OFFICIAL RECORDS OF WILLIAMSON COUNTY, TEXAS, OUT OF THE JAMES B. ALLEN SURVEY, ABSTRACT NO. 36 AND THE JOHN T. CHURCH SURVEY, ABSTRACT NO. 140, WILLIAMSON COUNTY, TEXAS. SAID 0.289 ACRE TRACT BEING MORE FULLY DESCRIBED AS FOLLOWS, WITH BEARINGS BASED ON THE NORTH AMERICAN DATUM OF 1983 (NA 2011) EPOCH 2010.00, FROM THE TEXAS COORDINATE SYSTEM ESTABLISHED FOR THE CENTRAL ZONE:

COMMENCING at a ½" iron rod found, on the east right-of-way line of County Road 176, a variable width right-of-way, the southeast corner of Lot 19 of the Whitetail Subdivision recorded in Cabinet C, Slides 117-122 of the Plat Records of Williamson County, Texas;

THENCE N 20°42'11" W, with the east right-of-way line of County Road 176, same being the west line of said Whitetail Subdivision and the west line of the Final Plat of a Resubdivision of Lot 18, Whitetail Subdivision recorded in Cabinet FF, Slide 108 of the Plat Records of Williamson County, Texas, a distance of **1591.10 feet** to a ½" iron rod with a yellow cap marked "Pape-Dawson set, (Grid Coordinates determined as N=10189003.14, E=3101968.94), the **POINT OF BEGINNING** of the herein described tract;

THENCE N 20°42'11" W, continuing with the east right-of-way line of said County Road 176, same being the west line of said Whitetail Subdivision and the aforementioned Lot 1, a distance of **374.34 feet** to a ½" iron rod with a yellow cap marked "Pape-Dawson set, an angle point in the southeast cutback for said County Road 176, same being a northwest corner of said Lot 1;

THENCE with said cutback, same being the north line of said Lot 1, the following two (2) courses and distances:

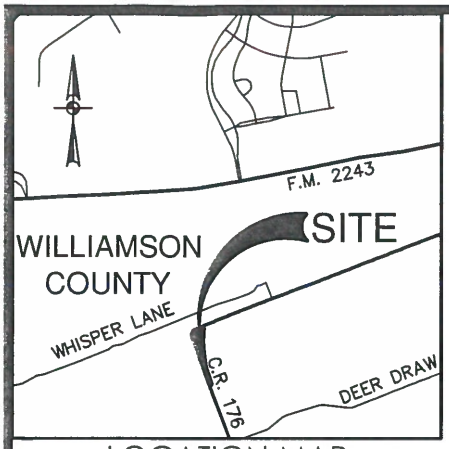
1. **N 17°09'49" E**, a distance of **39.43 feet** to a ½" iron rod with a yellow cap marked "Pape-Dawson set, and

2. **N 57°09'49" E**, a distance of **61.70 feet** to a ½" iron rod with a yellow cap marked "Pape-Dawson set;

THENCE N 69°01'49" E, continuing with the north line of said Lot 1, same being the south right-of-way line of said County Road 176, a distance of **12.43 feet** to a ½" iron rod with a yellow cap marked "Pape-Dawson set, a point of non-tangent curvature;

THENCE departing the south right-of-way line of said County Road 176, through the interior of said Lot 1, with said non-tangent curve to the left having a radius of **1011.00 feet**, a central angle of **24°31'54"**, a chord bearing and distance of **S 07°39'33" E, 429.57 feet**, an arc length of **432.87 feet** to the **POINT OF BEGINNING** and containing 0.289 of an Acre in Williamson County, Texas. Said tract being described in accordance with an exhibit prepared by Pape Dawson Engineers, Inc. under Job No. 59006-16.

PREPARED BY: Pape-Dawson Engineers, Inc.
DATE: May 3, 2017
JOB No.: 59006-16
DOC.ID.: H:\survey\SURVEY16\16-59006\Exhibits\Word\GORDON-0.289Acre.docx
TBPE Firm Registration #470
TBPLS Firm Registration #100288-01



LOCATION MAP

NOT-TO-SCALE

LEGEND:

D.R.	DEED RECORDS OF WILLIAMSON COUNTY, TEXAS
O.P.R.	OFFICIAL PUBLIC RECORDS OF WILLIAMSON COUNTY, TEXAS
O.R.	OFFICIAL RECORDS OF WILLIAMSON COUNTY, TEXAS
P.R.	PLAT RECORDS OF WILLIAMSON COUNTY, TEXAS
FD.	FOUND
I.R.	IRON ROD

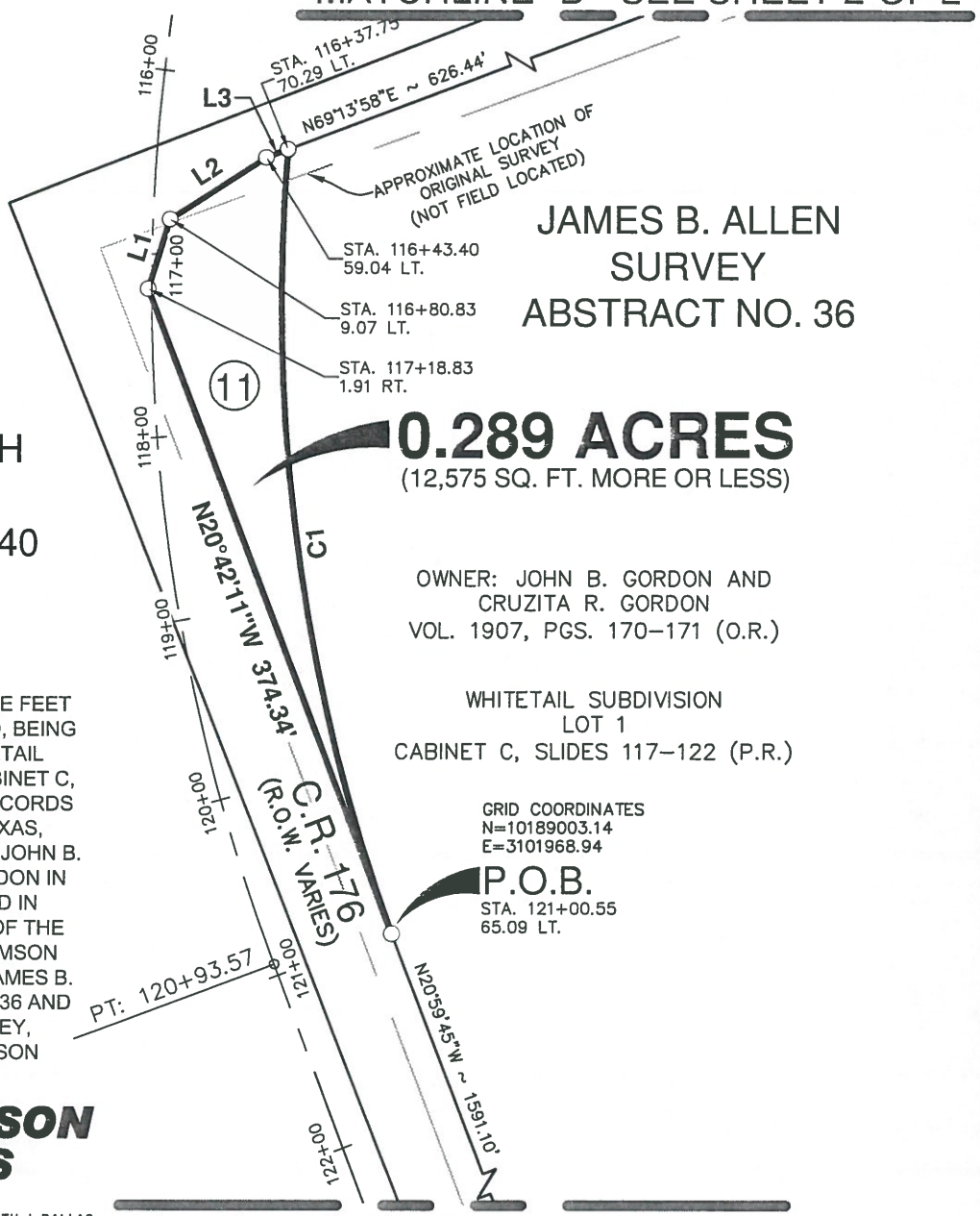
NOTES:

1. THE PROFESSIONAL SERVICES PROVIDED HEREWITH INCLUDE THE PREPARATION OF A FIELD NOTE DESCRIPTION.
2. THE BEARINGS ARE BASED ON THE TEXAS COORDINATE SYSTEM ESTABLISHED FOR THE CENTRAL ZONE FROM THE NORTH AMERICAN DATUM OF 1983 NAD 83 (NA2011) EPOCH 2010.00.

1 inch = 100'

100' 0' 50' 100'

MATCHLINE "B" SEE SHEET 2 OF 2



OWNER: MMA RANCH LIMITED PARTNERSHIP
A CALLED 223.444 ACRE TRACT
DOC. NO. 2011065654
(O.P.R.)

JAMES B. ALLEN SURVEY
ABSTRACT NO. 36

JOHN T. CHURCH SURVEY
ABSTRACT NO. 140

0.289 ACRES
(12,575 SQ. FT. MORE OR LESS)

OWNER: JOHN B. GORDON AND CRUZITA R. GORDON
VOL. 1907, PGS. 170–171 (O.R.)

WHITETAIL SUBDIVISION
LOT 1
CABINET C, SLIDES 117–122 (P.R.)

GRID COORDINATES
N=10189003.14
E=3101968.94

P.O.B.
STA. 121+00.55
65.09 LT.

EXHIBIT
OF

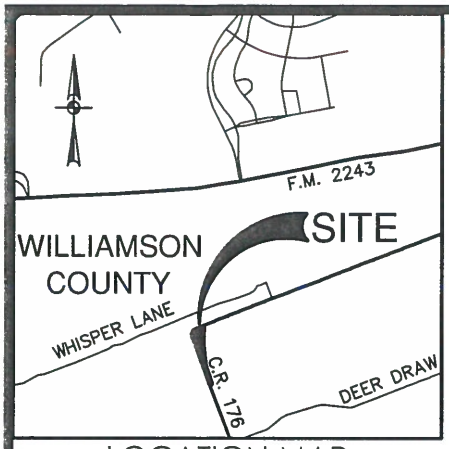
A 0.289 ACRE, OR 12,575 SQUARE FEET MORE OR LESS, TRACT OF LAND, BEING OUT OF LOT 1, OF THE WHITETAIL SUBDIVISION RECORDED IN CABINET C, SLIDES 117-122 OF THE PLAT RECORDS OF WILLIAMSON COUNTY, TEXAS, DESCRIBED IN CONVEYANCE TO JOHN B. GORDON AND CRUZITA R. GORDON IN WARRANTY DEED RECORDED IN VOLUME 1907, PAGES 170-171 OF THE OFFICIAL RECORDS OF WILLIAMSON COUNTY, TEXAS, OUT OF THE JAMES B. ALLEN SURVEY, ABSTRACT NO. 36 AND THE JOHN T. CHURCH SURVEY, ABSTRACT NO. 140, WILLIAMSON COUNTY, TEXAS.

PAPE-DAWSON ENGINEERS
AUSTIN I SAN ANTONIO I HOUSTON I FORT WORTH I DALLAS
7800 SHOAL CREEK BLVD, STE 220 W I AUSTIN, TX 78757 I 512.454.8711
TBPE FIRM REGISTRATION #470 I TBPLS FIRM REGISTRATION #10028801

MATCHLINE "A" SEE SHEET 2 OF 2

APRIL 27, 2017 JOB No.: 59006–16

Date: Jun 05, 2017, 2:20pm User ID: dherrera
File: H:\survey\SURVEY16\16-59006\Exhibits\GORDON.dwg



LOCATION MAP

NOT-TO-SCALE

LEGEND:

D.R.	DEED RECORDS OF WILLIAMSON COUNTY, TEXAS
O.P.R.	OFFICIAL PUBLIC RECORDS OF WILLIAMSON COUNTY, TEXAS
O.R.	OFFICIAL RECORDS OF WILLIAMSON COUNTY, TEXAS
P.R.	PLAT RECORDS OF WILLIAMSON COUNTY, TEXAS
FD.	FOUND
I.R.	IRON ROD

NOTES:

1. THE PROFESSIONAL SERVICES PROVIDED HEREWITH INCLUDE THE PREPARATION OF A FIELD NOTE DESCRIPTION.
2. THE BEARINGS ARE BASED ON THE TEXAS COORDINATE SYSTEM ESTABLISHED FOR THE CENTRAL ZONE FROM THE NORTH AMERICAN DATUM OF 1983 NAD 83 (NA2011) EPOCH 2010.00.

1 inch = 100'

100' 0' 50' 100'

CURVE TABLE					
CURVE	RADIUS	DELTA	CHORD BEARING	CHORD	LENGTH
C1	1011.00'	24°31'54"	S07°39'33"E	429.57'	432.87'

MATCHLINE "B" SEE SHEET 1 OF 2

C.R. 176 (R.O.W. VARIES)

FD. ½" I.R.

N69°13'58"E ~ 626.44'

WHITETAIL SUBDIVISION LOT 3 CABINET C, SLIDES 117–122 (P.R.)

WHITETAIL SUBDIVISION LOT 2B CABINET F, SLIDE 374 (P.R.)

LINE TABLE		
LINE	BEARING	LENGTH
L1	N17°09'49"E	39.43'
L2	N57°09'49"E	61.70'
L3	N69°01'49"E	12.43'

MATCHLINE "A" SEE SHEET 1 OF 2

C.R. 176 (R.O.W. VARIES)

N20°59'45"W ~ 1591.10'

WHITETAIL SUBDIVISION LOT 19 CABINET C, SLIDES 117–122 (P.R.)

FD. ½" I.R.

P.O.C.

EXHIBIT OF

A 0.289 ACRE, OR 12,575 SQUARE FEET MORE OR LESS, TRACT OF LAND, BEING OUT OF LOT 1, OF THE WHITETAIL SUBDIVISION RECORDED IN CABINET C, SLIDES 117-122 OF THE PLAT RECORDS OF WILLIAMSON COUNTY, TEXAS, DESCRIBED IN CONVEYANCE TO JOHN B. GORDON AND CRUZITA R. GORDON IN WARRANTY DEED RECORDED IN VOLUME 1907, PAGES 170-171 OF THE OFFICIAL RECORDS OF WILLIAMSON COUNTY, TEXAS, OUT OF THE JAMES B. ALLEN SURVEY, ABSTRACT NO. 36 AND THE JOHN T. CHURCH SURVEY, ABSTRACT NO. 140, WILLIAMSON COUNTY, TEXAS.

PAPE-DAWSON ENGINEERS

AUSTIN I SAN ANTONIO I HOUSTON I FORT WORTH I DALLAS
7800 SHOAL CREEK BLVD, STE 220 W I AUSTIN, TX 78757 I 512.454.8711
TBPE FIRM REGISTRATION #470 I TBPLS FIRM REGISTRATION #10028801

APRIL 27, 2017

JOB No.: 59006–16

Date: Jun 05, 2017, 9:27am User ID: dherrera
File: H:\survey\SURVEY16\16–59006\Exhibits\GORDON.dwg

Commissioners Court - Regular Session **35.**

Meeting Date: 06/19/2018

Resolution for Condemnation

Submitted For: Charlie Crossfield **Submitted By:** Charlie Crossfield, Road Bond

Department: Road Bond

Agenda Category: Regular Agenda Items

Information

Agenda Item

Consider a resolution determining the necessity and authorizing the use of eminent domain to condemn (0.195 acres) required for the construction of CR 176 @ RM 2243, and take appropriate action. (Henri and Pauline Knipper- Parcel 8)

Background

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

Knipper Resolution for Condemnation

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Wendy Coco	06/14/2018 10:10 AM
Form Started By: Charlie Crossfield		Started On: 06/14/2018 10:03 AM
Final Approval Date: 06/14/2018		

IN THE COMMISSIONERS' COURT
OF WILLIAMSON COUNTY, TEXAS

RESOLUTION

WHEREAS, the Commissioners' Court of Williamson County, Texas, has found and determined that in order to promote the public safety, to facilitate the safety and movement of traffic, and to preserve the financial investment of the public in its roadways, public necessity requires acquisition of fee simple title to a certain tract of land being 0.195 acre (Parcel 8) described by metes and bounds in Exhibit "A" owned by **Henri J. Knipper and Pauline Knipper,** for the purpose of constructing, reconstructing, maintaining, and operating CR 176 @ RM 2243 roadway improvements ("Project"), excluding all the oil, gas, and sulphur which can be removed from beneath said real property, without any right whatever remaining to the owner of such oil, gas, and sulphur of ingress to or egress from the surface of said real property for the purpose of exploring, developing, or mining of the same, as a part of the improvements to the Project, at such locations as are necessary and that such constructing, reconstructing, maintaining, and operating shall extend across and upon, and will cross, run through, and be upon the hereinafter described real properties; and

WHEREAS, the Commissioners' Court of Williamson County, Texas, has, through agents employed by the said office, entered into bona fide good faith negotiations with the owners of the hereinafter described properties and has failed to agree with the owners on the compensation and damages, if any, due to said owners. Now, therefore, the Commissioners' Court of Williamson County, Texas is authorizing the use of its power of eminent domain to condemn property.

BE IT RESOLVED BY THE COMMISSIONERS' COURT OF THE COUNTY OF WILLIAMSON, that the County Attorney or his designated agent be and he is hereby authorized and directed to file or cause to be filed against the owners of any interest in, and the holders of any lien secured by, the following described tracts of land, described in Exhibit "A" attached hereto, a suit in eminent domain to acquire the property interests for the aforesaid purposes; and

It is the intent of the Commissioners' Court that this resolution authorizes the condemnation of all property interests required to complete the construction and maintenance of the Project and associated public purposes. If it is later determined that there are any errors in the descriptions contained herein or if later surveys contain more accurate revised descriptions, the County Attorney is authorized to have such errors corrected or revisions made without the necessity of obtaining a new resolution of the Commissioners' Court authorizing the condemnation of the corrected or revised Property.

BE IT FURTHER RESOLVED that the County Attorney or his designated agent be and he is hereby authorized and directed to incur such expenses and to employ such experts as she shall deem necessary to assist in the prosecution of such suit in eminent domain, including, but not limited to, appraisers, engineers, and land use planners or other required expert consultants.

Adopted this _____ day of _____, 2018.

_____
Dan A. Gattis
Williamson County Judge

EXHIBIT A

County: Williamson
Parcel: 8
Highway: County Road 176

FIELD NOTES

FOR

A 0.195 ACRE, OR 8,484 SQUARE FEET MORE OR LESS, TRACT OF LAND, BEING OUT OF A CALLED 26.045 ACRE TRACT, DESCRIBED IN CONVEYANCE TO HENRI J. KNIPPER AND PAULINE KNIPPER IN PARTITION DEED RECORDED IN DOCUMENT NO. 2002058098 OF THE OFFICIAL RECORDS OF WILLIAMSON COUNTY, TEXAS, WITH A PORTION OF SAID CALLED 26.045 ACRE TRACT BEING KNOWN AS WHISPER LANE, OUT OF THE JOHN T. CHURCH SURVEY, ABSTRACT NO. 140, WILLIAMSON COUNTY, TEXAS. SAID 0.195 ACRE TRACT BEING MORE FULLY DESCRIBED AS FOLLOWS, WITH BEARINGS BASED ON THE NORTH AMERICAN DATUM OF 1983 (NA 2011) EPOCH 2010.00, FROM THE TEXAS COORDINATE SYSTEM ESTABLISHED FOR THE CENTRAL ZONE:

COMMENCING at a ½" iron rod found, on the west line of a called 16.416 acre tract recorded in Document No. 2015017002 of the Official Public Records of Williamson County, Texas, the northeast corner of a called 223.444 acre tract recorded in Document No. 2011065654 of the Official Public Records of Williamson County, Texas, same being the southeast corner of said called 26.045 acre tract;

THENCE S 68°02'38" W, with the north line of said called 223.444 acre tract, same being the south line of said called 26.045 acre tract and Whisper Lane, a distance of **730.79 feet** to a ½" iron rod with a yellow cap marked "Pape-Dawson set, (Grid Coordinates determined as N=10189578.36, E=3101940.39), the **POINT OF BEGINNING** of the herein described tract;

THENCE S 68°02'38" W, continuing with the north line of said called 223.444 acre tract, same being the south line of said called 26.045 acre tract and Whisper Lane, a distance of **178.66 feet** to a ½" iron rod with a yellow cap marked "Pape-Dawson set, a point of non-tangent curvature, from which an angle point in the north line of said called 223.444 acre tract, same being the south line of said called 26.045 acre tract and Whisper Lane bears, **S 68°02'38" W**, a distance of **10.17 feet**;

THENCE departing the north line of said called 223.444 acre tract, through the interior of said called 26.045 acre tract and Whisper Lane, with said non-tangent curve to the right having a radius of **1115.00 feet**, a central angle of **02°59'06"**, a chord bearing and distance of **N 09°36'39" E, 58.08 feet**, an arc length of **58.09 feet** to a ½" iron rod with a yellow cap marked "Pape-Dawson set, on the south line of a remnant of a called 26.045 acre tract, described in conveyance to Irma Diaz recorded in the aforementioned Partition Deed, same being the north line of said called 26.045 acre tract to Henri J. Knipper and Pauline Knipper and Whisper Lane;

THENCE with the south line of said remnant of a called 26.045 acre tract to Irma Diaz, same being the north line of said called 26.045 acre tract to Henri J. Knipper and Pauline Knipper and Whisper Lane, the following two (2) courses and distances:

1. **N 68°51'07" E**, a distance of **143.30 feet** to a ½" iron rod with a yellow cap marked "Pape-Dawson set, and

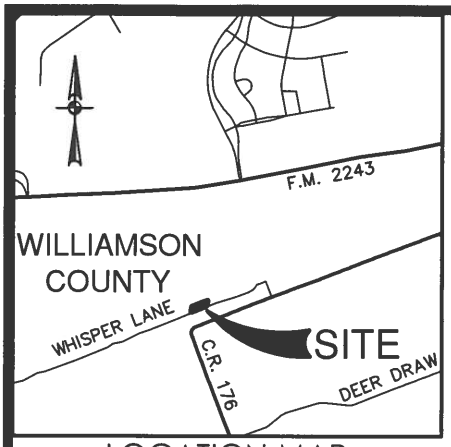
2. **N 68°58'56" E**, a distance of **33.60 feet** to a ½" iron rod with a yellow cap marked "Pape-Dawson set, a point of non-tangent curvature;

THENCE departing the south line of said remnant of a called 26.045 acre tract to Irma Diaz, through the interior of said called 26.045 acre tract to Henri J. Knipper and Pauline Knipper and Whisper Lane, the following two (2) courses and distances:

1. with said non-tangent curve to the left having a radius of **1011.00 feet**, a central angle of **02°50'55"**, a chord bearing and distance of **S 14°56'37" W, 50.26 feet**, an arc length of **50.26 feet** to a ½" iron rod with a yellow cap marked "Pape-Dawson set, a point of non-tangency, and

2. **S 34°57'36" E**, a distance of **6.90 feet** to the **POINT OF BEGINNING** and containing 0.195 of an Acre in Williamson County, Texas. Said tract being described in accordance with an exhibit prepared by Pape Dawson Engineers, Inc. under Job No. 59006-16.

PREPARED BY: Pape-Dawson Engineers, Inc.
DATE: February 2, 2018
JOB No.: 59006-16
DOC.ID.: H:\survey\SURVEY16\16-59006\Exhibits\Word\KNIPPER-0.195Acre.docx
TBPE Firm Registration #470
TBPLS Firm Registration #100288-01



LOCATION MAP

NOT-TO-SCALE

LEGEND:

D.R.	DEED RECORDS OF WILLIAMSON COUNTY, TEXAS
O.P.R.	OFFICIAL PUBLIC RECORDS OF WILLIAMSON COUNTY, TEXAS
O.R.	OFFICIAL RECORDS OF WILLIAMSON COUNTY, TEXAS
P.R.	PLAT RECORDS OF WILLIAMSON COUNTY, TEXAS
FD.	FOUND
I.R.	IRON ROD

NOTES:

1. THE PROFESSIONAL SERVICES PROVIDED HEREWITH INCLUDE THE PREPARATION OF A FIELD NOTE DESCRIPTION.
2. THE BEARINGS ARE BASED ON THE TEXAS COORDINATE SYSTEM ESTABLISHED FOR THE CENTRAL ZONE FROM THE NORTH AMERICAN DATUM OF 1983 NAD 83 (NA2011) EPOCH 2010.00.

1 inch = 100'

100' 0' 50' 100'

OWNER: IRMA DIAZ
REMNANT OF A
CALLED 26.045 ACRE TRACT
OWNER: IRMA DIAZ
DOC. NO. 2002058098 (O.P.R.)

JOHN T. CHURCH
SURVEY
ABSTRACT NO. 140

0.195 OF AN ACRE

(8,484 SQUARE FEET MORE OR LESS)

INGRESS AND EGRESS EASEMENT
DOC. NO. 2003042277 (O.P.R.)
DOC. NO. 2005033062 (O.P.R.)
DOC. NO. 2005033065 (O.P.R.)
PRIVATE ROAD MAINTENANCE AGREEMENT
DOC. NO. 2005033068 (O.P.R.)

113+00
114+00
115+00
116+00
117+00

STA. 114+36.62
43.25 LT.

STA. 114+15.18
70.05 LT.

WHISPER LANE

S68°02'38"W ~ 730.79'

L1 L2 L3 L4 C1 C2

GRID COORDINATES
N=10189578.36
E=3101940.39

P.O.B.
STA. 114+74.00
75.44 LT.

STA. 114+69.08
70.27 LT.

STA. 115+16.49
75.00 RT.

RIGHT OF ENTRY AND POSSESSION EASEMENT
DOC. NO. 2007009403 (O.P.R.)
WATER UTILITY EASEMENT
DOC. NO. 2007069347 (O.P.R.)

OWNER: HENRI J. KNIPPER & PAULINE KNIPPER
A CALLED 26.045 ACRE TRACT
DOC. NO. 2002058098 (O.P.R.)

STA. 115+70.67
75.00 RT.

FD. I.R.(FOREST)

OWNER: MMA RANCH LIMITED PARTNERSHIP
A CALLED 223.444 ACRE TRACT
DOC. NO. 2011065654 (O.P.R.)

AERIAL UTILITY EASEMENT
DOC. NO. 2016001536 (O.P.R.)

C.R. 176
(R.O.W. VARIES)

APPROXIMATE LOCATION OF ORIGINAL SURVEY (NOT FIELD LOCATED)

MATCHLINE SHEET 2 OF 2

JAMES B. ALLEN
SURVEY
ABSTRACT NO. 36

EXHIBIT
OF

A 0.195 ACRE, OR 8,484 SQUARE FEET MORE OR LESS, TRACT OF LAND, BEING OUT OF A CALLED 26.045 ACRE TRACT, DESCRIBED IN CONVEYANCE TO HENRI J. KNIPPER AND PAULINE KNIPPER IN PARTITION DEED RECORDED IN DOCUMENT NO. 2002058098 OF THE OFFICIAL RECORDS OF WILLIAMSON COUNTY, TEXAS, WITH A PORTION OF SAID CALLED 26.045 ACRE TRACT BEING KNOWN AS WHISPER LANE, OUT OF THE JOHN T. CHURCH SURVEY, ABSTRACT NO. 140, WILLIAMSON COUNTY, TEXAS.

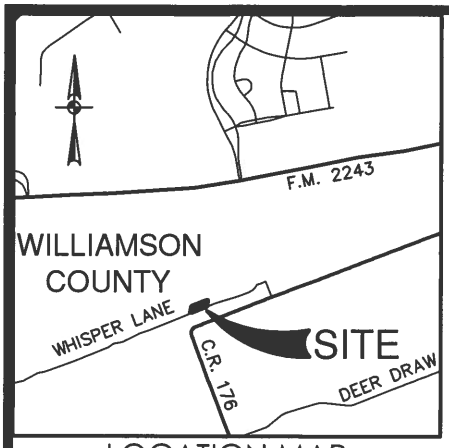
PAPE-DAWSON ENGINEERS

AUSTIN I SAN ANTONIO I HOUSTON I FORT WORTH I DALLAS
10801 N. MoPAC EXPY, BLDG 3, STE. 200 W I AUSTIN, TX 78759 I 512.454.8711
TBPE FIRM REGISTRATION #470 I TBPLS FIRM REGISTRATION #10028801

FEBRUARY 2, 2018

JOB No.: 59006-16

Date: Mar 22, 2018, 2:37pm User ID: PGRAHAM
File: H:\survey\SURVEY16\16-59006\Exhibits\KNIPPER.dwg



LOCATION MAP

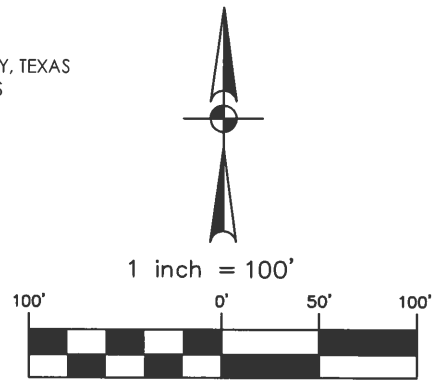
NOT-TO-SCALE

LEGEND:

D.R.	DEED RECORDS OF WILLIAMSON COUNTY, TEXAS
O.P.R.	OFFICIAL PUBLIC RECORDS OF WILLIAMSON COUNTY, TEXAS
O.R.	OFFICIAL RECORDS OF WILLIAMSON COUNTY, TEXAS
P.R.	PLAT RECORDS OF WILLIAMSON COUNTY, TEXAS
FD.	FOUND
I.R.	IRON ROD

NOTES:

1. THE PROFESSIONAL SERVICES PROVIDED HEREWITH INCLUDE THE PREPARATION OF A FIELD NOTE DESCRIPTION.
2. THE BEARINGS ARE BASED ON THE TEXAS COORDINATE SYSTEM ESTABLISHED FOR THE CENTRAL ZONE FROM THE NORTH AMERICAN DATUM OF 1983 NAD 83 (NA2011) EPOCH 2010.00.



LINE TABLE		
LINE	BEARING	LENGTH
L1	S68°02'38"W	178.66'
L2	N68°51'07"E	143.30'
L3	N68°58'56"E	33.60'
L4	S34°57'36"E	6.90'
L5	S68°02'38"W	10.17'

CURVE TABLE					
CURVE	RADIUS	DELTA	CHORD BEARING	CHORD	LENGTH
C1	1115.00'	2°59'06"	N09°36'39"E	58.08'	58.09'
C2	1011.00'	2°50'55"	S14°56'37"W	50.26'	50.26'

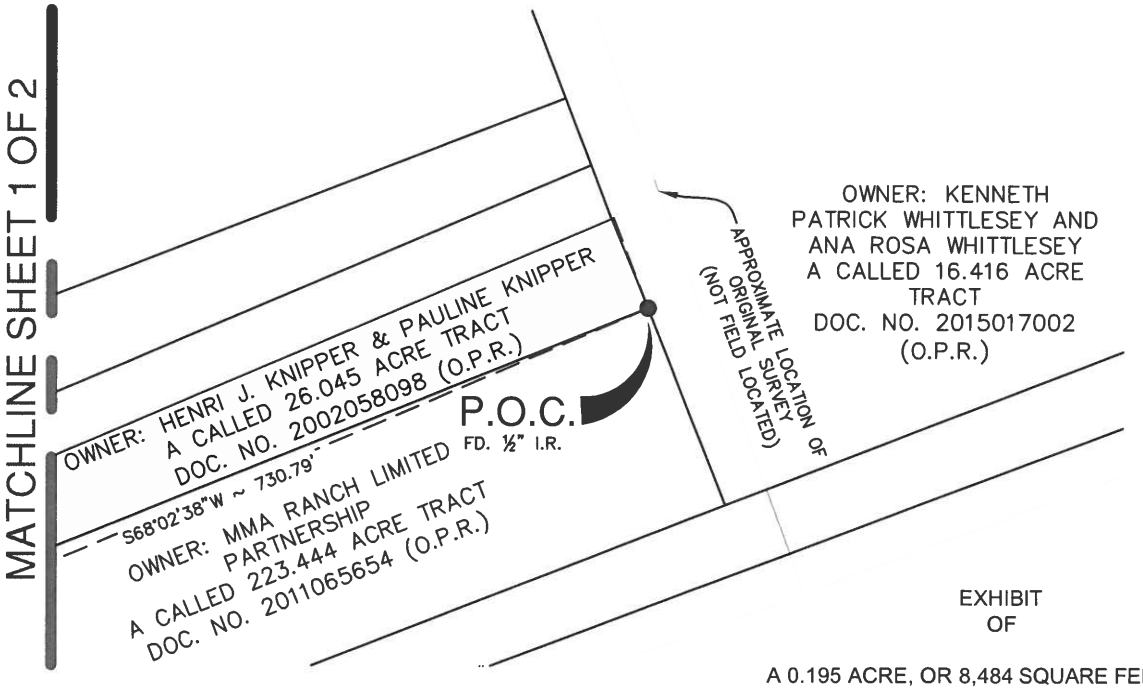


EXHIBIT
OF

A 0.195 ACRE, OR 8,484 SQUARE FEET MORE OR LESS, TRACT OF LAND, BEING OUT OF A CALLED 26.045 ACRE TRACT, DESCRIBED IN CONVEYANCE TO HENRI J. KNIPPER AND PAULINE KNIPPER IN PARTITION DEED RECORDED IN DOCUMENT NO. 2002058098 OF THE OFFICIAL RECORDS OF WILLIAMSON COUNTY, TEXAS, WITH A PORTION OF SAID CALLED 26.045 ACRE TRACT BEING KNOWN AS WHISPER LANE, OUT OF THE JOHN T. CHURCH SURVEY, ABSTRACT NO. 140, WILLIAMSON COUNTY, TEXAS.

PAPE-DAWSON ENGINEERS
AUSTIN | SAN ANTONIO | HOUSTON | FORT WORTH | DALLAS
10801 N. MoPAC EXPY, BLDG 3, STE. 200 W | AUSTIN, TX 78759 | 512.454.8711
TBPE FIRM REGISTRATION #470 | TBPLS FIRM REGISTRATION #10028801

FEBRUARY 2, 2018 JOB No.: 59006-16

Date: Mar 22, 2018, 2:37pm User ID: PGRAHAM
File: H:\survey\SURVEY16\16-59006\Exhibits\KNIPPER.dwg

Commissioners Court - Regular Session **36.**

Meeting Date: 06/19/2018

Resolution for Condemnation

Submitted For: Charlie Crossfield **Submitted By:** Charlie Crossfield, Road Bond

Department: Road Bond

Agenda Category: Regular Agenda Items

Information

Agenda Item

Consider a resolution determining the necessity and authorizing the use of eminent domain to condemn (.506 acres) required for the construction of CR 176 @ RM 2243, and take appropriate action. (Thomas and Melissa Diaz-Parcel 5)

Background

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

Diaz Resolution for Condemnation

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Wendy Coco	06/14/2018 10:10 AM
Form Started By: Charlie Crossfield		Started On: 06/14/2018 10:04 AM
Final Approval Date: 06/14/2018		

IN THE COMMISSIONERS' COURT
OF WILLIAMSON COUNTY, TEXAS

RESOLUTION

WHEREAS, the Commissioners' Court of Williamson County, Texas, has found and determined that in order to promote the public safety, to facilitate the safety and movement of traffic, and to preserve the financial investment of the public in its roadways, public necessity requires acquisition of fee simple title to a certain tract of land being 0.506 acre (Parcel 5) described by metes and bounds in Exhibit "A" owned by **Thomas D. Diaz III and Melissa R. Sharpe-Diaz,** for the purpose of constructing, reconstructing, maintaining, and operating CR 176 @ RM 2243 roadway improvements ("Project"), excluding all the oil, gas, and sulphur which can be removed from beneath said real property, without any right whatever remaining to the owner of such oil, gas, and sulphur of ingress to or egress from the surface of said real property for the purpose of exploring, developing, or mining of the same, as a part of the improvements to the Project, at such locations as are necessary and that such constructing, reconstructing, maintaining, and operating shall extend across and upon, and will cross, run through, and be upon the hereinafter described real properties; and

WHEREAS, the Commissioners' Court of Williamson County, Texas, has, through agents employed by the said office, entered into bona fide good faith negotiations with the owners of the hereinafter described properties and has failed to agree with the owners on the compensation and damages, if any, due to said owners. Now, therefore, the Commissioners' Court of Williamson County, Texas is authorizing the use of its power of eminent domain to condemn property.

BE IT RESOLVED BY THE COMMISSIONERS' COURT OF THE COUNTY OF WILLIAMSON, that the County Attorney or his designated agent be and he is hereby authorized and directed to file or cause to be filed against the owners of any interest in, and the holders of any lien secured by, the following described tracts of land, described in Exhibit "A" attached hereto, a suit in eminent domain to acquire the property interests for the aforesaid purposes; and

It is the intent of the Commissioners' Court that this resolution authorizes the condemnation of all property interests required to complete the construction and maintenance of the Project and associated public purposes. If it is later determined that there are any errors in the descriptions contained herein or if later surveys contain more accurate revised descriptions, the County Attorney is authorized to have such errors corrected or revisions made without the necessity of obtaining a new resolution of the Commissioners' Court authorizing the condemnation of the corrected or revised Property.

BE IT FURTHER RESOLVED that the County Attorney or his designated agent be and he is hereby authorized and directed to incur such expenses and to employ such experts as she shall deem necessary to assist in the prosecution of such suit in eminent domain, including, but not limited to, appraisers, engineers, and land use planners or other required expert consultants.

Adopted this _____ day of _____, 2018.

_____
Dan A. Gattis
Williamson County Judge

EXHIBIT A

County: Williamson
Parcel: 5
Highway:County Road 176

FIELD NOTES

FOR

A 0.506 ACRE, OR 22,056 SQUARE FEET MORE OR LESS, TRACT OF LAND, BEING OUT OF A CALLED 1.000 ACRE TRACT, DESCRIBED IN CONVEYANCE TO THOMAS D. DIAZ, III AND MELISSA R. SHARPE-DIAZ IN WARRANTY DEED RECORDED IN DOCUMENT NO. 2003019309 OF THE OFFICIAL PUBLIC RECORDS OF WILLIAMSON COUNTY, TEXAS, OUT OF THE JOHN T. CHURCH SURVEY, ABSTRACT NO. 140, WILLIAMSON COUNTY, TEXAS. SAID 0.506 ACRE TRACT BEING MORE FULLY DESCRIBED AS FOLLOWS, WITH BEARINGS BASED ON THE NORTH AMERICAN DATUM OF 1983 (NA 2011) EPOCH 2010.00, FROM THE TEXAS COORDINATE SYSTEM ESTABLISHED FOR THE CENTRAL ZONE:

COMMENCING at a ½" iron rod found, on the south line of a called 50.0 acre tract recorded in Document No. 2011065655 of the Official Public Records of Williamson County, Texas, the northwest corner of a called 1.998 acre tract recorded in Document No. 9667430 of the Official Records of Williamson County, Texas, same being the northeast corner of a remnant of a called 26.045 acre tract recorded in Document No. 2002058098 of the Official Public Records of Williamson County, Texas, from which a ½" iron rod found, on the west line of a called 44.31 acre tract recorded in Document No. 2006038439 of the Official Public Records of Williamson County, Texas, the southeast corner of said called 50.0 acre tract, same being the northeast corner of said called 1.998 acre tract bears **N 68°45'56" E**, a distance of **294.91 feet**;

THENCE S 69°07'32" W, with the south line of said called 50.0 acre tract, same being the north line of said remnant of a called 26.045 acre tract, a distance of **88.65 feet** to a ½" iron rod with a yellow cap marked "Pape-Dawson set, (Grid Coordinates determined as N=10190097.43, E=3102111.15), the **POINT OF BEGINNING** of the herein described tract;

THENCE S 21°03'14" E, departing the south line of said called 50.0 acre tract, with the west line of said remnant of a called 26.045 acre tract, same being the east line of said called 1.000 acre tract, a distance of **102.44 feet** to a ½" iron rod with a yellow cap marked "Pape-Dawson set;

THENCE departing the west line of said remnant of a called 26.045 acre tract, through the interior of said called 1.000 acre tract, the following two (2) courses and distances:

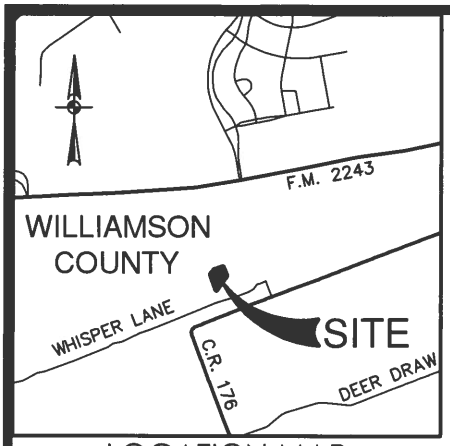
1. **S 38°32'35" W**, a distance of **30.93 feet** to a ½" iron rod with a yellow cap marked "Pape-Dawson set, a point of curvature, and

2. with said tangent curve to the left having radius of **1011.00 feet**, a central angle of **08°20'16"**, a chord bearing and distance of **S 34°22'27" W, 146.99 feet**, an arc length of **147.12 feet** to a ½" iron rod with a yellow cap marked "Pape-Dawson set, on the east line of a "2nd" remnant of said called 26.045 acre tract, same being the west line of said called 1.000 acre tract;

THENCE N 21°03'14" W, with the east line of said "2nd" remnant of a called 26.045 acre tract, same being the west line of said called 1.000 acre tract, a distance of **201.97 feet** to a ½" iron rod with a yellow cap marked "Pape-Dawson set, on the south line of the aforementioned 50.0 acre tract, a northeast corner of said "2nd" remnant of a called 26.045 acre tract, same being the northwest corner of said called 1.000 acre tract;

THENCE N 69°07'32" E, with the south line of said called 50.0 acre tract, same being the north line of said called 1.000 acre tract, a distance of **147.72 feet** to the **POINT OF BEGINNING** and containing 0.506 of an Acre in Williamson County, Texas. Said tract being described in accordance with an exhibit prepared by Pape Dawson Engineers, Inc. under Job No. 59006-16.

PREPARED BY: Pape-Dawson Engineers, Inc.
DATE: January 18, 2018
JOB No.: 59006-16
DOC.ID.: H:\survey\SURVEY16\16-59006\Exhibits\Word\SHARPE-DIAZ-0.506Acre.docx
TBPE Firm Registration #470
TBPLS Firm Registration #100288-01



LOCATION MAP

NOT-TO-SCALE

LEGEND:

D.R.	DEED RECORDS OF WILLIAMSON COUNTY, TEXAS
O.P.R.	OFFICIAL PUBLIC RECORDS OF WILLIAMSON COUNTY, TEXAS
O.R.	OFFICIAL RECORDS OF WILLIAMSON COUNTY, TEXAS
P.R.	PLAT RECORDS OF WILLIAMSON COUNTY, TEXAS
FD.	FOUND
I.R.	IRON ROD

NOTES:

1. THE PROFESSIONAL SERVICES PROVIDED HEREWITH INCLUDE THE PREPARATION OF A FIELD NOTE DESCRIPTION.
2. THE BEARINGS ARE BASED ON THE TEXAS COORDINATE SYSTEM ESTABLISHED FOR THE CENTRAL ZONE FROM THE NORTH AMERICAN DATUM OF 1983 NAD 83 (NA2011) EPOCH 2010.00.

1 inch = 100'

100' 0' 50' 100'

MATCHLINE SHEET 2 OF 2

OWNER: MMA RANCH LIMITED PARTNERSHIP
A CALLED 50.0 ACRE TRACT
DOC. NO. 2011065655 (O.P.R.)

0.506 OF AN ACRE

(22,056 SQUARE FEET MORE OR LESS)

PT: 109+13.68

108+00

N68°45'56"E ~ 294.91'

L1

109+00

P.O.C.

FD. ½" I.R.

L5

P.O.B.

GRID COORDINATES
N=10190097.43
E=3102111.15
STA. 109+15.17
23.35 RT.

L2

OWNER: KENNETH E. KIRK AND THERESA M. KIRK
A CALLED 1.998 ACRE TRACT
DOC. NO. 9667430 (O.R.)

STA. 110+40.27
98.76 RT.

PC: 110+18.42

110+00

STA. 109+67.02
65.00 LT.

L3

L4

5

JOHN T. CHURCH SURVEY
ABSTRACT NO. 140

111+00

STA. 109+97.95
65.00 LT.

C2

OWNER: IRMA DIAZ
REMNANT OF A
CALLED 26.045 ACRE
TRACT
DOC. NO. 2002058098
(O.P.R.)

AERIAL UTILITY EASEMENT
DOC. NO. 2016001535 (O.P.R.)

L

112+00

OWNER: THOMAS D. DIAZ, III AND MELISSA R. SHARPE-DIAZ
A CALLED 1.000 ACRE TRACT
DOC. NO. 2003019309 (O.P.R.)

OWNER: IRMA DIAZ
REMNANT OF A
CALLED 26.045 ACRE
TRACT
DOC. NO. 2002058098 (O.P.R.)

STA. 111+53.69
67.47 LT.

113+00

EXHIBIT
OF

A 0.506 ACRE, OR 22,056 SQUARE FEET MORE OR LESS, TRACT OF LAND, BEING OUT OF A CALLED 1.000 ACRE TRACT, DESCRIBED IN CONVEYANCE TO THOMAS D. DIAZ, III AND MELISSA R. SHARPE-DIAZ IN WARRANTY DEED RECORDED IN DOCUMENT NO. 2003019309 OF THE OFFICIAL PUBLIC RECORDS OF WILLIAMSON COUNTY, TEXAS, OUT OF THE JOHN T. CHURCH SURVEY, ABSTRACT NO. 140, WILLIAMSON COUNTY, TEXAS.

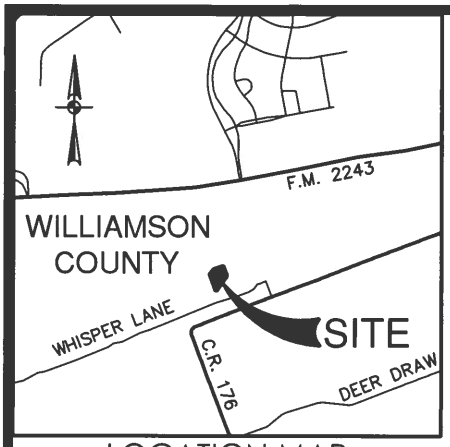
PAPE-DAWSON ENGINEERS

AUSTIN I SAN ANTONIO I HOUSTON I FORT WORTH I DALLAS
10801 N MoPAC EXPY., BLDG. 3, SUITE 200 I AUSTIN, TX 78759 I 512.454.8711
TBPE FIRM REGISTRATION #470 I TBPLS FIRM REGISTRATION #10028801

JANUARY 18, 2018

JOB No.: 59006-16

Date: Mar 22, 2018, 3:00pm User ID: PGRAHAM
File: H:\survey\SURVEY16\16-59006\Exhibits\SHARPE-DIAZ.dwg



LOCATION MAP

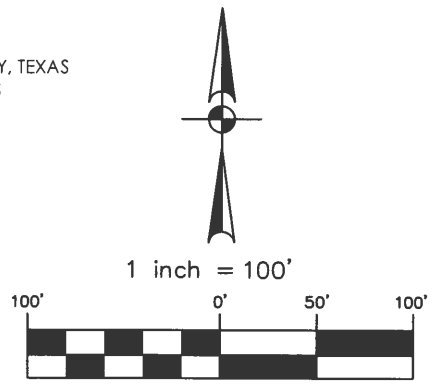
NOT-TO-SCALE

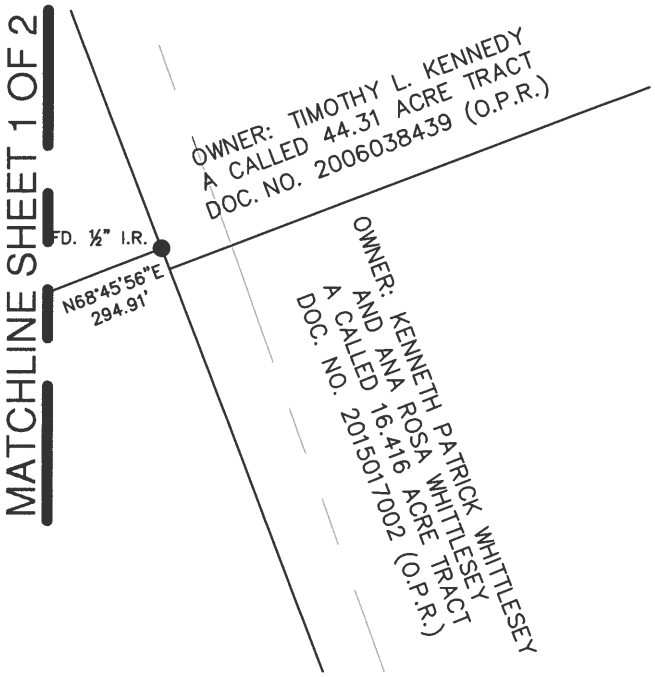
LEGEND:

D.R.	DEED RECORDS OF WILLIAMSON COUNTY, TEXAS
O.P.R.	OFFICIAL PUBLIC RECORDS OF WILLIAMSON COUNTY, TEXAS
O.R.	OFFICIAL RECORDS OF WILLIAMSON COUNTY, TEXAS
P.R.	PLAT RECORDS OF WILLIAMSON COUNTY, TEXAS
FD.	FOUND
I.R.	IRON ROD

NOTES:

1. THE PROFESSIONAL SERVICES PROVIDED HEREWITH INCLUDE THE PREPARATION OF A FIELD NOTE DESCRIPTION.
2. THE BEARINGS ARE BASED ON THE TEXAS COORDINATE SYSTEM ESTABLISHED FOR THE CENTRAL ZONE FROM THE NORTH AMERICAN DATUM OF 1983 NAD 83 (NA2011) EPOCH 2010.00.





LINE TABLE		
LINE	BEARING	LENGTH
L1	S69°07'32"W	88.65'
L2	S21°03'14"E	102.44'
L3	S38°32'35"W	30.93'
L4	N21°03'14"W	201.97'
L5	N69°07'32"E	147.72'

CURVE TABLE					
CURVE	RADIUS	DELTA	CHORD BEARING	CHORD	LENGTH
C2	1011.00'	8°20'16"	S34°22'27"W	146.99'	147.12'

EXHIBIT
OF

A 0.506 ACRE, OR 22,056 SQUARE FEET MORE OR LESS, TRACT OF LAND, BEING OUT OF A CALLED 1.000 ACRE TRACT, DESCRIBED IN CONVEYANCE TO THOMAS D. DIAZ, III AND MELISSA R. SHARPE-DIAZ IN WARRANTY DEED RECORDED IN DOCUMENT NO. 2003019309 OF THE OFFICIAL PUBLIC RECORDS OF WILLIAMSON COUNTY, TEXAS, OUT OF THE JOHN T. CHURCH SURVEY, ABSTRACT NO. 140, WILLIAMSON COUNTY, TEXAS.

PAPE-DAWSON ENGINEERS

AUSTIN I SAN ANTONIO I HOUSTON I FORT WORTH I DALLAS
10801 N MoPAC EXPY., BLDG. 3, SUITE 200 I AUSTIN, TX 78759 I 512.454.8711
TBPE FIRM REGISTRATION #470 I TBPLS FIRM REGISTRATION #10028801

JANUARY 18,2018

JOB No.: 59006-16

Date: Mar 22, 2018, 3:00pm User ID: PGRAHAM
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Commissioners Court - Regular Session **37.**

Meeting Date: 06/19/2018

Resolution for Condemnation

Submitted For: Charlie Crossfield **Submitted By:** Charlie Crossfield, Road Bond

Department: Road Bond

Agenda Category: Regular Agenda Items

Information

Agenda Item

Consider a resolution determining the necessity and authorizing the use of eminent domain to condemn (1.226 and 0.155 acres) required for the construction of CR 176 @ RM 2243, and take appropriate action. (Irma Diaz- Parcel 4 & 6)

Background

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

Diaz Resolution for Condemnation

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Wendy Coco	06/14/2018 10:10 AM
Form Started By: Charlie Crossfield		Started On: 06/14/2018 10:06 AM
Final Approval Date: 06/14/2018		

IN THE COMMISSIONERS' COURT
OF WILLIAMSON COUNTY, TEXAS

RESOLUTION

WHEREAS, the Commissioners' Court of Williamson County, Texas, has found and determined that in order to promote the public safety, to facilitate the safety and movement of traffic, and to preserve the financial investment of the public in its roadways, public necessity requires acquisition of fee simple title to certain tracts of land being 1.226 acres (53,405 Square Feet) (**Parcel 4**) and 0.155 acre (6,743 Square Feet) (**Parcel 6**) described by metes and bounds in Exhibits "A" & "B" owned by **Irma Diaz,** for the purpose of constructing, reconstructing, maintaining, and operating CR 176 @ RM 2243 roadway improvements ("Project"), excluding all the oil, gas, and sulphur which can be removed from beneath said real property, without any right whatever remaining to the owner of such oil, gas, and sulphur of ingress to or egress from the surface of said real property for the purpose of exploring, developing, or mining of the same, as a part of the improvements to the Project, at such locations as are necessary and that such constructing, reconstructing, maintaining, and operating shall extend across and upon, and will cross, run through, and be upon the hereinafter described real properties; and

WHEREAS, the Commissioners' Court of Williamson County, Texas, has, through agents employed by the said office, entered into bona fide good faith negotiations with the owners of the hereinafter described properties and has failed to agree with the owners on the compensation and damages, if any, due to said owners. Now, therefore, the Commissioners' Court of Williamson County, Texas is authorizing the use of its power of eminent domain to condemn property.

BE IT RESOLVED BY THE COMMISSIONERS' COURT OF THE COUNTY OF WILLIAMSON, that the County Attorney or his designated agent be and he is hereby authorized and directed to file or cause to be filed against the owners of any interest in, and the holders of any lien secured by, the following described tracts of land, described in Exhibits "A" & "B" attached hereto, a suit in eminent domain to acquire the property interests for the aforesaid purposes; and

It is the intent of the Commissioners' Court that this resolution authorizes the condemnation of all property interests required to complete the construction and maintenance of the Project and associated public purposes. If it is later determined that there are any errors in the descriptions contained herein or if later surveys contain more accurate revised descriptions, the County Attorney is authorized to have such errors corrected or revisions made without the necessity of obtaining a new resolution of the Commissioners' Court authorizing the condemnation of the corrected or revised Property.

BE IT FURTHER RESOLVED that the County Attorney or his designated agent be and he is hereby authorized and directed to incur such expenses and to employ such experts as she shall deem necessary to assist in the prosecution of such suit in eminent domain, including, but not limited to, appraisers, engineers, and land use planners or other required expert consultants.

Adopted this _____ day of _____, 2018.

_____
Dan A. Gattis
Williamson County Judge

EXHIBIT A

County: Williamson
Parcel: 4
Highway:County Road 176

FIELD NOTES

FOR

A 1.226 ACRE, OR 53,405 SQUARE FEET MORE OR LESS, TRACT OF LAND, BEING OUT OF THE "2ND" REMNANT OF A CALLED 26.045 ACRE TRACT, DESCRIBED IN CONVEYANCE TO IRMA DIAZ IN PARTITION DEED RECORDED IN DOCUMENT NO. 2002058098 OF THE OFFICIAL PUBLIC RECORDS OF WILLIAMSON COUNTY, TEXAS, OUT OF THE JOHN T. CHURCH SURVEY, ABSTRACT NO. 140, WILLIAMSON COUNTY, TEXAS. SAID 1.226 ACRE TRACT BEING MORE FULLY DESCRIBED AS FOLLOWS, WITH BEARINGS BASED ON THE NORTH AMERICAN DATUM OF 1983 (NA 2011) EPOCH 2010.00, FROM THE TEXAS COORDINATE SYSTEM ESTABLISHED FOR THE CENTRAL ZONE:

COMMENCING at a ½" iron rod found for the northeast corner of the "1st" remnant of said 26.045 acre tract described in the aforementioned Partition Deed, same being the northwest corner of a called 1.998 acre tract recorded in Document No. 9967430 of the Official Records of Williamson County, Texas, also being a point in the south boundary line of a called 50.0 acre tract recorded in Document No. 2011065655 of the Official Public Records of Williamson County, Texas;

THENCE S 69°07'32" W, with the south line of said called 50.0 acre tract, same being in part the north line of said "1st" remnant and in part the north boundary line of a called 1.000 acre tract recorded in Document No. 2003019309 of the Official Public Records of Williamson County, Texas, a distance of **236.37 feet** to an angle point;

THENCE S 21°03'14" E, departing the south line of said called 50.0 acre tract, with the west line of said 1.000 acre tract, same being the east line of said "2nd" remnant, a distance of **28.01 feet** to a ½" iron rod with a yellow cap marked "Pape-Dawson set, (Grid Coordinates determined as N=10188795.85, E=3101610.95), Station 110+53.97, 75.00 feet right, the **POINT OF BEGINNING** of the herein described tract;

THENCE S 21°03'14" E, continuing with the east line of said "2nd" remnant of a called 26.045 acre tract, same being the west line of said called 1.000 acre tract, a distance of **173.96 feet** to a ½" iron rod with a yellow cap marked "Pape-Dawson set, a point of non-tangent curvature;

THENCE departing the west line of said called 1.000 acre tract, through the interior of said "2nd" remnant with said non-tangent curve to the left having a radius of **1011.00 feet**, a central angle of **13°50'15"**, a chord bearing and distance of **S 23°17'11" W, 243.58 feet**, and an arc length of **244.17 feet** to a ½" iron rod with a yellow cap marked "Pape-Dawson set, on the north line of a called 26.045 acre tract, described in conveyance to Henri J. Knipper and Pauline Knipper in the aforementioned Partition Deed, same being the south line of said "2nd" remnant;

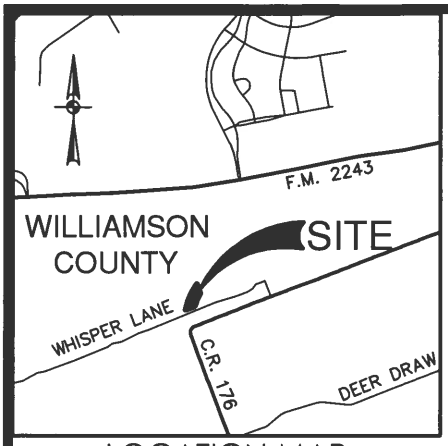
THENCE with the north line of said called 26.045 acre tract to Henri J. Knipper and Pauline Knipper, same being the south line of said "2nd" remnant, the following two (2) courses and distances:

1. **S 68°58'56" W**, a distance of **33.60 feet** to a ½" iron rod with a yellow cap marked "Pape-Dawson set, and

2. **S 68°51'07" W**, a distance of **143.30 feet** to a ½" iron rod with a yellow cap marked "Pape-Dawson set, a point of non-tangent curvature;

THENCE departing the north line of said called 26.045 acre tract to Henri J. Knipper and Pauline Knipper, through the interior of said "2nd" remnant of a called 26.045 acre tract, with said non-tangent curve to the right having a radius of **1115.00 feet**, a central angle of **25°28'53"**, a chord bearing and distance of **N 23°50'38" E, 491.80 feet**, an arc length of **495.88 feet** to the **POINT OF BEGINNING** and containing 1.226 Acres in Williamson County, Texas. Said tract being described in accordance with an exhibit prepared by Pape Dawson Engineers, Inc. under Job No. 59006-16.

PREPARED BY: Pape-Dawson Engineers, Inc.
DATE: March 23, 2018
JOB No.: 59006-16
DOC.ID.: H:\survey\SURVEY16\16-59006\Exhibits\Word\DIAZ-1.226Acres-R-4.docx
TBPE Firm Registration #470
TBPLS Firm Registration #100288-01



LOCATION MAP

NOT-TO-SCALE

LEGEND:

D.R.	DEED RECORDS OF WILLIAMSON COUNTY, TEXAS
O.P.R.	OFFICIAL PUBLIC RECORDS OF WILLIAMSON COUNTY, TEXAS
O.R.	OFFICIAL RECORDS OF WILLIAMSON COUNTY, TEXAS
P.R.	PLAT RECORDS OF WILLIAMSON COUNTY, TEXAS
P.O.B	POINT OF BEGINNING
P.O.C.	POINT OF COMMENCEMENT
FD.	FOUND
I.R.	IRON ROD

NOTES:

1. THE PROFESSIONAL SERVICES PROVIDED HEREWITH INCLUDE THE PREPARATION OF A FIELD NOTE DESCRIPTION.
2. THE BEARINGS ARE BASED ON THE TEXAS COORDINATE SYSTEM ESTABLISHED FOR THE CENTRAL ZONE FROM THE NORTH AMERICAN DATUM OF 1983 NAD 83 (NA2011) EPOCH 2010.00.

1 inch = 100'

100' 0' 50' 100'

MATCHLINE SHEET 4 OF 4

OWNER: MMA RANCH LIMITED PARTNERSHIP
A CALLED 50.0 ACRE TRACT
DOC. NO. 2011065655 (O.P.R.)

PT: 109+13.68

108+00

S68°45'56"W ~ 294.91'

FD. ½" I.R.

109+00

S69°07'32"W
236.37'

STA. 108+40.51
24.38 LT.

PC: 110+18.42

110+00

P.O.B.
GRID COORDINATES
N=10188795.85
E=3101610.95
STA. 110+53.97
75.00 RT.

L1

1.226 ACRES
(53,405 SQ. FT. MORE OR LESS)

JOHN T. CHURCH
SURVEY
ABSTRACT NO. 140

OWNER: IRMA DIAZ
REMNANT OF A
CALLED 26.045 ACRE
TRACT
DOC. NO.
2002058098 (O.P.R.)

111+00

L2

112+00

C2

113+00

4

C1

L3

114+00

L4

115+00

STA. 115+16.49
75.00 RT.

STA. 114+36.62
43.25 LT.

OWNER: THOMAS D. DIAZ, III AND MELISSA R. SHARPE-DIAZ
A CALLED 1.000 ACRE TRACT
DOC. NO. 2003019309 (O.P.R.)

OWNER: IRMA DIAZ
REMNANT OF A
CALLED 26.045 ACRE
TRACT
DOC. NO. 2002058098
(O.P.R.)

OWNER: KENNETH E. KIRK AND THERESA M. KIRK
A CALLED 1.998 ACRE
TRACT
DOC. NO. 9667430
(O.R.)

STA. 111+53.69
67.47 LT.

AERIAL UTILITY EASEMENT
DOC. NO. 2016001535 (O.P.R.)

FD. I.R.(RPLS)

STA. 114+15.18
70.05 LT.

OWNER: HENRI J. KNIPPER & PAULINE KNIPPER
A CALLED 26.045 ACRE TRACT
DOC. NO. 2002058098 (O.P.R.)

REVISED:
06/02/17
06/16/17
12/19/17
03/23/18

EXHIBIT
OF

A 1.226 ACRE, OR 53,405 SQUARE FEET MORE OR LESS, TRACT OF LAND, BEING OUT OF A REMNANT OF A CALLED 26.045 ACRE TRACT, DESCRIBED IN CONVEYANCE TO IRMA DIAZ IN PARTITION DEED RECORDED IN DOCUMENT NO. 2002058098 OF THE OFFICIAL PUBLIC RECORDS OF WILLIAMSON COUNTY, TEXAS, OUT OF THE JOHN T. CHURCH SURVEY, ABSTRACT NO. 140, WILLIAMSON COUNTY, TEXAS.

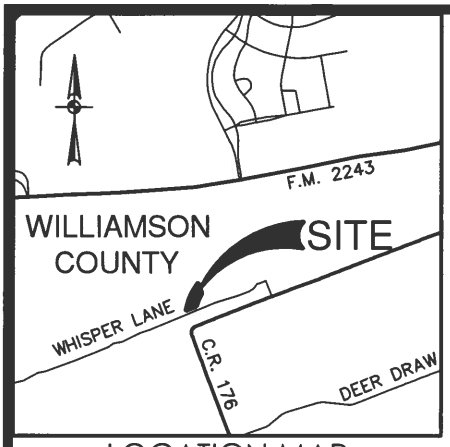
PAPE-DAWSON ENGINEERS

AUSTIN I SAN ANTONIO I HOUSTON I FORT WORTH I DALLAS
10801 N MOPAC EXPY, BLDG. 3, STE. 200 I AUSTIN, TX 78759 I 512.454.8711
TBPE FIRM REGISTRATION #470 I TBPLS FIRM REGISTRATION #10028801

MARCH 23, 2018

JOB No.: 59006-16

Date: Mar 23, 2018, 7:57am User ID: jmiranda
File: H:\survey\SURVEY16\16-59006\Exhibits\IRMA-DIAZ-4.dwg



LOCATION MAP

NOT-TO-SCALE

LEGEND:

D.R.	DEED RECORDS OF WILLIAMSON COUNTY, TEXAS
O.P.R.	OFFICIAL PUBLIC RECORDS OF WILLIAMSON COUNTY, TEXAS
O.R.	OFFICIAL RECORDS OF WILLIAMSON COUNTY, TEXAS
P.R.	PLAT RECORDS OF WILLIAMSON COUNTY, TEXAS
P.O.B	POINT OF BEGINNING
P.O.C.	POINT OF COMMENCEMENT
FD.	FOUND
I.R.	IRON ROD

NOTES:

1. THE PROFESSIONAL SERVICES PROVIDED HEREWITH INCLUDE THE PREPARATION OF A FIELD NOTE DESCRIPTION.
2. THE BEARINGS ARE BASED ON THE TEXAS COORDINATE SYSTEM ESTABLISHED FOR THE CENTRAL ZONE FROM THE NORTH AMERICAN DATUM OF 1983 NAD 83 (NA2011) EPOCH 2010.00.

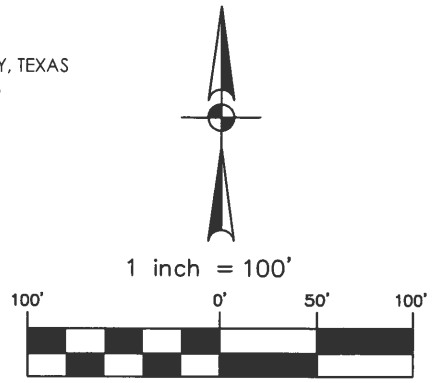
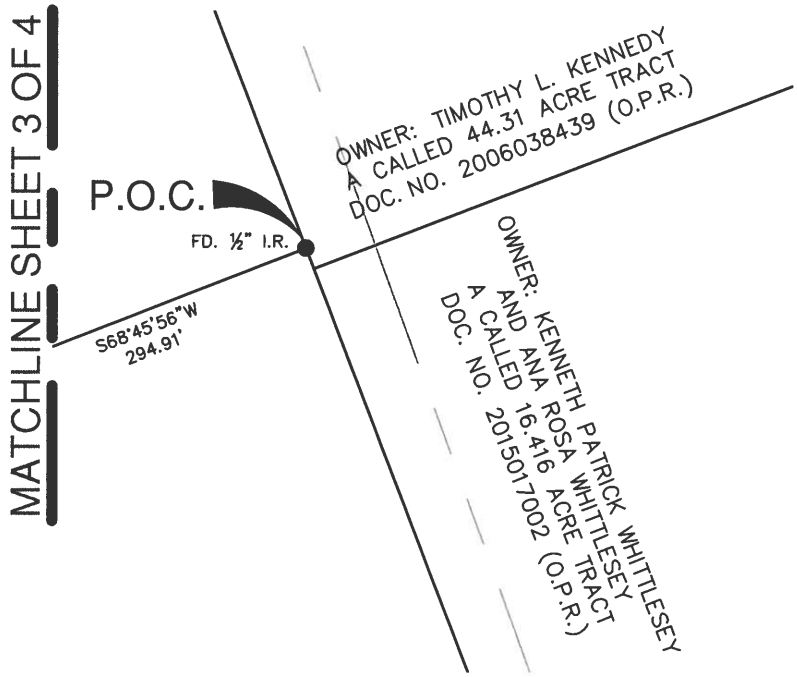


EXHIBIT
OF

A 1.226 ACRE, OR 53,405 SQUARE FEET MORE OR LESS, TRACT OF LAND, BEING OUT OF A REMNANT OF A CALLED 26.045 ACRE TRACT, DESCRIBED IN CONVEYANCE TO IRMA DIAZ IN PARTITION DEED RECORDED IN DOCUMENT NO. 2002058098 OF THE OFFICIAL PUBLIC RECORDS OF WILLIAMSON COUNTY, TEXAS, OUT OF THE JOHN T. CHURCH SURVEY, ABSTRACT NO. 140, WILLIAMSON COUNTY, TEXAS.



LINE TABLE		
LINE	BEARING	LENGTH
L1	S21°03'14"E	28.01'
L2	S21°03'14"E	173.96'
L3	S68°58'56"W	33.60'
L4	S68°51'07"W	143.30'

CURVE TABLE					
CURVE	RADIUS	DELTA	CHORD BEARING	CHORD	LENGTH
C1	1011.00'	13°50'15"	S23°17'11"W	243.58'	244.17'
C2	1115.00'	25°28'53"	N23°50'38"E	491.80'	495.88'

REVISED:
06/02/17
06/16/17
12/19/17
03/22/18

PAPE-DAWSON ENGINEERS

AUSTIN | SAN ANTONIO | HOUSTON | FORT WORTH | DALLAS
10801 N MOPAC EXPY, BLDG. 3, STE. 200 | AUSTIN, TX 78759 | 512.454.8711
TBPE FIRM REGISTRATION #470 | TBPLS FIRM REGISTRATION #10028801

Date: Mar 23, 2018, 7:57am User ID: jmiranda
File: H:\survey\SURVEY16\16-59006\Exhibits\IRMA-DIAZ-4.dwg

Revised 06/02/17
06/16/17
12/19/2017
03/23/18

EXHIBIT B

County: Williamson
Parcel: 6
Highway:County Road 176

FIELD NOTES

FOR

A 0.155 ACRE, OR 6,743 SQUARE FEET MORE OR LESS, TRACT OF LAND, BEING OUT OF THE "1ST" REMNANT OF A CALLED 26.045 ACRE TRACT, DESCRIBED IN CONVEYANCE TO IRMA DIAZ IN PARTITION DEED RECORDED IN DOCUMENT NO. 2002058098 OF THE OFFICIAL PUBLIC RECORDS OF WILLIAMSON COUNTY, TEXAS, OUT OF THE JOHN T. CHURCH SURVEY, ABSTRACT NO. 140, WILLIAMSON COUNTY, TEXAS. SAID 0.155 ACRE TRACT BEING MORE FULLY DESCRIBED AS FOLLOWS, WITH BEARINGS BASED ON THE NORTH AMERICAN DATUM OF 1983 (NA 2011) EPOCH 2010.00, FROM THE TEXAS COORDINATE SYSTEM ESTABLISHED FOR THE CENTRAL ZONE:

COMMENCING at a ½" iron rod found for the northeast corner of a called 1.998 acre tract recorded in Document No. 9667430 of de Official Records of Williamson County, Texas, same being the southeast corner of a called 50.0 acre tract recorded in Document No. 2011065655 of the Official Public Records of Williamson County, Texas, also being a point in the west boundary line of a called 44.31 acre tract recorded in Document No. 2006038439 of the Official Public Records of Williamson County, Texas;

THENCE S 68°45'56" W, with the south line of said called 50.0 acre tract, same being the north boundary line of a said 1.998 acre tract, a distance of **236.37 feet** to a ½" iron rod found for the northeast corner of said "1st" remnant, same being the northwest corner of said 1.998 acre tract, also being a point in the south boundary line of said 50.0 acre tract, (Grid Coordinates determined as N=10188906.20, E=3101821.72), Station 108+40.51, 24.38 feet left, for the **POINT OF BEGINNING** of the herein described tract;

THENCE S 20°57'44" E, departing the south boundary line of said 50.0 acre tract, with the west line of said called 1.998 acre tract, same being an east line of said "1st" remnant, a distance of **48.88 feet** to a ½" iron rod with a yellow cap marked "Pape-Dawson set, a point of non-tangent curvature;

THENCE departing the west line of said called 1.998 acre tract, through the interior of said "1st" remnant, the following two (2) courses and distances:

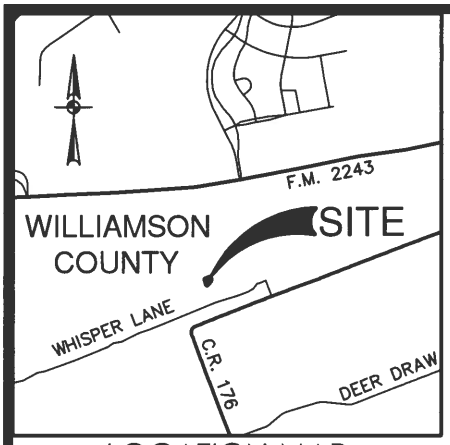
1. with said non-tangent curve to the right having a radius of **1105.00 feet**, a central angle of **02°35'40"**, a chord bearing and distance of **S 37°14'45" W, 50.03 feet**, an arc length of **50.04 feet** to a ½" iron rod with a yellow cap marked "Pape-Dawson set, a point of tangency, and

2. **S 38°32'35" W**, a distance of **53.34 feet** to a ½" iron rod with a yellow cap marked "Pape-Dawson set, on the east line of a called 1.000 acre tract recorded in recorded in Document No. 2003019309 of the Official Public Records of Williamson County, Texas, same being the west line of said remnant of a called 26.045 acre tract;

THENCE N 21°03'14" W, with the east line of said called 1.000 acre tract, same being the west line of said "1st" remnant, a distance of **102.44 feet** to a ½" iron rod with a yellow cap marked "Pape-Dawson set, on the south line of the aforementioned 50.0 acre tract, the northeast corner of said called 1.000 acre tract, same being the northwest corner of said "1st" remnant;

THENCE N 69°07'32" E, with the south line of said called 50.0 acre tract, same being the north line of said "1st" remnant, a distance of **88.65 feet** to the **POINT OF BEGINNING** and containing 0.155 of an Acre in Williamson County, Texas. Said tract being described in accordance with an exhibit prepared by Pape Dawson Engineers, Inc. under Job No. 59006-16.

PREPARED BY: Pape-Dawson Engineers, Inc.
DATE: March 23, 2018
JOB No.: 59006-16
DOC.ID.: H:\survey\SURVEY16\16-59006\Exhibits\Word\DIAZ-0.155Acre_R-4.docx
TBPE Firm Registration #470
TBPLS Firm Registration #100288-01



LOCATION MAP

NOT-TO-SCALE

LEGEND:

D.R.	DEED RECORDS OF WILLIAMSON COUNTY, TEXAS
O.P.R.	OFFICIAL PUBLIC RECORDS OF WILLIAMSON COUNTY, TEXAS
O.R.	OFFICIAL RECORDS OF WILLIAMSON COUNTY, TEXAS
P.R.	PLAT RECORDS OF WILLIAMSON COUNTY, TEXAS
P.O.B	POINT OF BEGINNING
P.O.C.	POINT OF COMMENCEMENT
FD.	FOUND
I.R.	IRON ROD

NOTES:

1. THE PROFESSIONAL SERVICES PROVIDED HEREWITH INCLUDE THE PREPARATION OF A FIELD NOTE DESCRIPTION.
2. THE BEARINGS ARE BASED ON THE TEXAS COORDINATE SYSTEM ESTABLISHED FOR THE CENTRAL ZONE FROM THE NORTH AMERICAN DATUM OF 1983 NAD 83 (NA2011) EPOCH 2010.00.

1 inch = 100'

100' 0' 50' 100'

MATCHLINE SHEET 4 OF 4

OWNER: MMA RANCH LIMITED PARTNERSHIP
A CALLED 50.0 ACRE TRACT
DOC. NO. 2011065655 (O.P.R.)

0.155 OF AN ACRE

(6,743 SQUARE FEET MORE OR LESS)

GRID COORDINATES
N=10188906.20
E=3101821.72

108+00

N68°45'56"E ~ 294.91'

FD. ½" I.R.
P.O.B.
STA. 108+40.51
24.38 LT.

PT: 109+13.68

STA. 109+15.17
23.35 RT.

109+00

L4

L1

6

C1

STA. 108+66.59
65.00 LT.

PC: 110+18.42

110+00

L3

L2

STA. 109+67.02
65.00 LT.

OWNER: KENNETH E. KIRK AND THERESA M. KIRK
A CALLED 1.998 ACRE TRACT
DOC. NO. 9667430 (O.R.)

OWNER: IRMA DIAZ
REMNANT OF A CALLED 26.045 ACRE TRACT
DOC. NO. 2002058098 (O.P.R.)

111+00

OWNER: THOMAS D. DIAZ, III AND MELISSA R. SHARPE-DIAZ
A CALLED 1.000 ACRE TRACT
DOC. NO. 2003019309 (O.P.R.)

OWNER: IRMA DIAZ
REMNANT OF A CALLED 26.045 ACRE TRACT
DOC. NO. 2002058098 (O.P.R.)

112+00

JOHN T. CHURCH SURVEY
ABSTRACT NO. 140

AERIAL UTILITY EASEMENT
DOC. NO. 2016001535 (O.P.R.)

FD. I.R.(RPLS)

113+00

114+00

OWNER: HENRI J. KNIPPER & PAULINE KNIPPER
A CALLED 26.045 ACRE TRACT
DOC. NO. 2002058098 (O.P.R.)

115+00

REVISED:
06/02/17
06/16/17
12/19/17
03/23/18

EXHIBIT
OF

A 0.155 ACRE, OR 6,743 SQUARE FEET MORE OR LESS, TRACT OF LAND, BEING OUT OF A REMNANT OF A CALLED 26.045 ACRE TRACT, DESCRIBED IN CONVEYANCE TO IRMA DIAZ IN PARTITION DEED RECORDED IN DOCUMENT NO. 2002058098 OF THE OFFICIAL PUBLIC RECORDS OF WILLIAMSON COUNTY, TEXAS, OUT OF THE JOHN T. CHURCH SURVEY, ABSTRACT NO. 140, WILLIAMSON COUNTY, TEXAS.

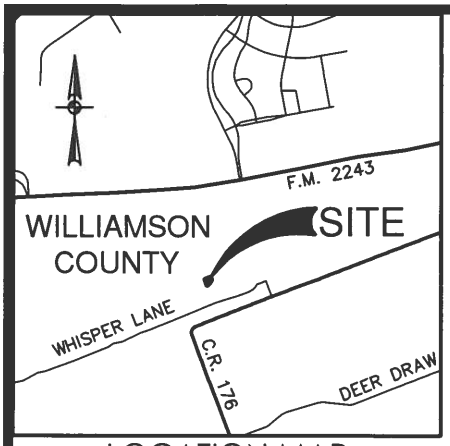
PAPE-DAWSON ENGINEERS

AUSTIN I SAN ANTONIO I HOUSTON I FORT WORTH I DALLAS
10801 N MOPAC EXPY, BLDG. 3, STE. 200 I AUSTIN, TX 78759 I 512.454.8711
TBPE FIRM REGISTRATION #470 I TBPLS FIRM REGISTRATION #10028801

MARCH 23, 2018

JOB No.: 59006-16

Date: Mar 23, 2018, 8:04am User ID: jmiranda
File: H:\survey\SURVEY16\16-59006\Exhibits\IRMA-DIAZ-6.dwg



LOCATION MAP

NOT-TO-SCALE

LEGEND:

D.R.	DEED RECORDS OF WILLIAMSON COUNTY, TEXAS
O.P.R.	OFFICIAL PUBLIC RECORDS OF WILLIAMSON COUNTY, TEXAS
O.R.	OFFICIAL RECORDS OF WILLIAMSON COUNTY, TEXAS
P.R.	PLAT RECORDS OF WILLIAMSON COUNTY, TEXAS
P.O.B	POINT OF BEGINNING
P.O.C.	POINT OF COMMENCEMENT
FD.	FOUND
I.R.	IRON ROD

NOTES:

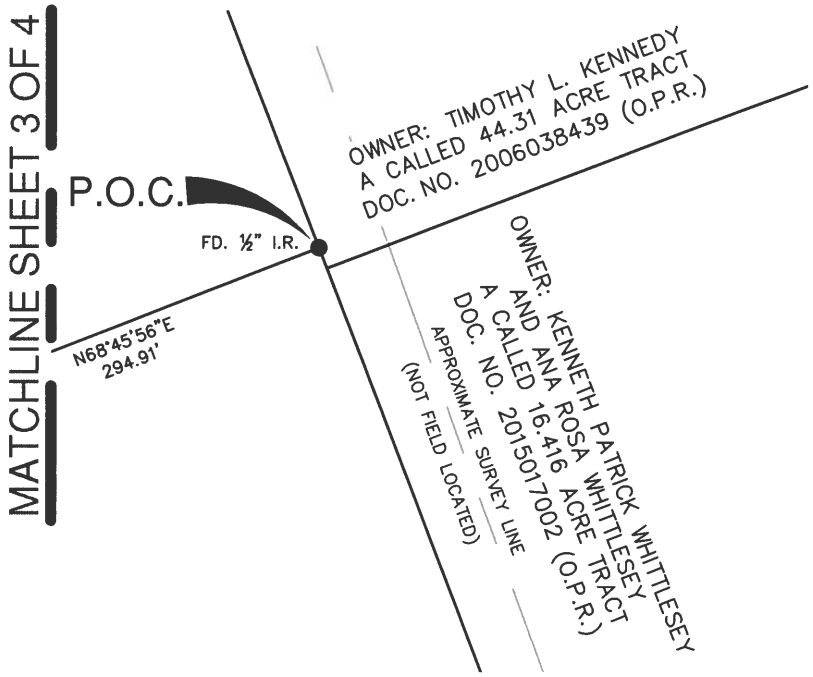
1. THE PROFESSIONAL SERVICES PROVIDED HEREWITH INCLUDE THE PREPARATION OF A FIELD NOTE DESCRIPTION.
2. THE BEARINGS ARE BASED ON THE TEXAS COORDINATE SYSTEM ESTABLISHED FOR THE CENTRAL ZONE FROM THE NORTH AMERICAN DATUM OF 1983 NAD 83 (NA2011) EPOCH 2010.00.

1 inch = 100'

100' 0' 50' 100'

EXHIBIT
OF

A 0.155 ACRE, OR 6,743 SQUARE FEET MORE OR LESS, TRACT OF LAND, BEING OUT OF A REMNANT OF A CALLED 26.045 ACRE TRACT, DESCRIBED IN CONVEYANCE TO IRMA DIAZ IN PARTITION DEED RECORDED IN DOCUMENT NO. 2002058098 OF THE OFFICIAL PUBLIC RECORDS OF WILLIAMSON COUNTY, TEXAS, OUT OF THE JOHN T. CHURCH SURVEY, ABSTRACT NO. 140, WILLIAMSON COUNTY, TEXAS.



CURVE TABLE					
CURVE	RADIUS	DELTA	CHORD BEARING	CHORD	LENGTH
C1	1105.00'	2°35'40"	S37°14'45"W	50.03'	50.04'

LINE TABLE		
LINE	BEARING	LENGTH
L1	S20°57'44"E	48.88'
L2	S38°32'35"W	53.34'
L3	N21°03'14"W	102.44'
L4	N69°07'32"E	88.65'

REVISED:
06/02/17
06/16/17
12/19/17
03/23/18

PAPE-DAWSON ENGINEERS

AUSTIN I SAN ANTONIO I HOUSTON I FORT WORTH I DALLAS
10801 N MOPAC EXPY, BLDG. 3, STE. 200 I AUSTIN, TX 78759 I 512.454.8711
TBPE FIRM REGISTRATION #470 I TBPLS FIRM REGISTRATION #10028801

Date: Mar 23, 2018, 8:01am User ID: jmiranda
File: H:\survey\SURVEY16\16-59006\Exhibits\IRMA-DIAZ-6.dwg

Commissioners Court - Regular Session **38.**

Meeting Date: 06/19/2018

CR 200 Contract

Submitted For: Charlie Crossfield **Submitted By:** Charlie Crossfield, Road Bond

Department: Road Bond

Agenda Category: Regular Agenda Items

Information

Agenda Item

Discuss, consider and take appropriate action on a Real Estate Contract with Kevin and Stephanie Van Antwerp for right of way needed on CR 200. (Parcel 8) Funding Source: Road Bonds P285

Background

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

Van Antwerp Contract

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Wendy Coco	06/14/2018 10:10 AM
Form Started By: Charlie Crossfield		Started On: 06/14/2018 10:07 AM
Final Approval Date: 06/14/2018		

REAL ESTATE CONTRACT
CR 200 Right of Way—Parcel 8

THIS REAL ESTATE CONTRACT ("Contract") is made by KEVIN VAN ANTWERP and STEPHANIE VAN ANTWERP (collectively referred to in this Contract as "Seller") and WILLIAMSON COUNTY, TEXAS (referred to in this Contract as "Purchaser"), upon the terms and conditions set forth in this Contract.

ARTICLE I
PURCHASE AND SALE

By this Contract, Seller sells and agrees to convey, and Purchaser purchases and agrees to pay for, the tract of land described as follows:

> All of that certain 0.064-acre (2,776 square feet) tract of land out of Lot 3, Cierra Vista Subdivision, a Plat Recorded in Document No. 2007078025 of the Official Public Records of Williamson County, Texas (O.P.R.W.C.) and in Cabinet DD, Slide 314 of the Plat Records of Williamson County, Texas, said Lot 3 being conveyed to Kevin Van Antwerp and Stephanie Van Antwerp, husband and wife, by Deed Recorded in Document No. 2016057588, O.P.R.W.C., said 0.064 acres being more fully described by metes and bounds and accompanying sketch in Exhibit "A", attached hereto and incorporated herein (**Parcel 8**);

together with all and singular the rights and appurtenances pertaining to the property, including any right, title and interest of Seller in and to adjacent streets, alleys or rights-of-way (all of such real property, rights, and appurtenances being referred to in this Contract as the "Property"), and any improvements situated on and attached to the Property described in Exhibit "A" not otherwise agreed herein to be retained by Seller, for the consideration and upon and subject to the terms, provisions, and conditions set forth below.

ARTICLE II
PURCHASE PRICE

Purchase Price

2.01. The Purchase Price for the Property described in Exhibit "A", any improvements on the Property, and any damage to and/or cost to cure for the remaining property of Seller shall be the sum of SIX THOUSAND NINE HUNDRED and 00/100 Dollars ($6,900.00).

By execution of this Contract the parties agree that any improvements or other personal property located within the Property that are to be retained by Seller shall be removed or relocated

off of the Property on or before July 31, 2018, or they shall otherwise become subject to removal or relocation by Purchaser, its contractors or agents after that date.

Payment of Purchase Price

2.02. The Purchase Price shall be payable in cash at the Closing.

ARTICLE III
PURCHASER'S OBLIGATIONS

Conditions to Purchaser's Obligations

3.01. The obligations of Purchaser hereunder to consummate the transactions contemplated hereby are subject to the satisfaction of each of the following conditions (any of which may be waived in whole or in part by Purchaser at or prior to the Closing).

Miscellaneous Conditions

3.02. Seller shall have performed, observed, and complied with all of the covenants, agreements, and conditions required by this Contract to be performed, observed, and complied with by Seller prior to or as of the closing.

Title

3.03. Within seven (7) days from the Effective Date of this Contract, Purchaser shall cause the Title Company to furnish to the Purchaser a current commitment ("Title Commitment") for the issuance of an Owner's Policy of Title Insurance together with legible copies of all documents constituting exceptions to Seller's title as reflected in the Title Commitment. Purchaser may, on or prior to five (5) days after its receipt of the later of the Title Commitment, deliver to Seller in writing such reasonable objections as Purchaser may have to anything contained or set forth in the Title Commitment or the title exception documents. In the event Purchaser timely objects to any matter contained in the Title Commitment or title exception documents, Seller shall have a reasonable period of time after receipt of Purchaser's objections within which Seller may attempt to cure such objections specified by Purchaser; provided, however, Seller shall provide reasonable responsive cooperation and assistance requested by Purchaser to cure any objections, but shall be under no obligation to incur any costs whatsoever in connection with such cure. In the event Seller has not yet satisfied each and every of Purchaser's stated title objections within ten (10) days following the date of Purchaser's objections, Purchaser shall elect to either (i) terminate this Contract, or (ii) waive those title objections which Seller has not satisfied and proceed to Closing. In the event Purchaser fails to elect (i) or (ii) in writing within such period, then, and in such event, Purchaser shall be deemed to have elected (ii).

Inspection

Purchaser acknowledges that Seller is providing Purchaser with an opportunity to thoroughly inspect the Property prior to Closing or all purposes, including any concerns with respect to any past, current or future violation of environmental laws or with respect to the presence, either now or in the past, of any hazardous substances at the Property.

ARTICLE IV
REPRESENTATIONS AND WARRANTIES OF SELLER

After the Effective Date, Seller agrees that Purchaser shall be entitled to enter upon the Property and to conduct such inspections and audits as Purchaser may reasonably desire.

Seller hereby represents and warrants to Purchaser as follows, which representations and warranties shall be deemed made by Seller to Purchaser also as of the Closing Date, to the best of Seller's current actual knowledge:

(1) Seller has not entered into any lease or other agreement, whether written or oral, granting any other party the right to possess the Property. To Seller's actual knowledge, there are no parties in possession of any portion of the Property as lessees, tenants at sufferance, or trespassers, other than as previously disclosed to Purchaser.

(2) To Seller's actual knowledge, Seller has complied with all applicable laws, ordinances, regulations, statutes, rules and restrictions relating to the Property, or any part thereof.

For purposes of this Contract, wherever the terms "knowledge," "belief," or words of similar import are used with respect to the Seller, such knowledge or belief shall be limited to the actual knowledge of Seller.

The Property herein is being conveyed to Purchaser under threat of condemnation.

PURCHASER HEREBY EXPRESSLY ACKNOWLEDGES THAT IT HAS OR WILL HAVE, PRIOR TO THE CLOSING, THOROUGHLY INSPECTED AND EXAMINED THE PROPERTY TO THE EXTENT DEEMED NECESSARY BY THE PURCHASER IN ORDER TO ENABLE THE PURCHASER TO EVALUATE THE PURCHASE OF THE PROPERTY. PURCHASER REPRESENTS THAT IT IS A KNOWLEDGEABLE PURCHASER OF ASSETS SUCH AS THE PROPERTY AND THAT IT IS RELYING SOLELY ON ITS OWN EXPERTISE AND THAT OF PURCHASER'S CONSULTANTS, AND THAT PURCHASER WILL CONDUCT SUCH INSPECTIONS AND INVESTIGATIONS OF THE PROPERTY, INCLUDING BUT NOT LIMITED TO THE PHYSICAL AND ENVIRONMENTAL CONDITIONS THEREOF, AND SHALL RELY UPON SAME, AND UPON CLOSING SHALL ASSUME THE RISK OF ANY ADVERSE MATTERS, INCLUDING BUT NOT LIMITED TO,

ADVERSE PHYSICAL AND ENVIRONMENTAL CONDITIONS, THAT MAY NOT HAVE BEEN REVEALED BY PURCHASER'S INSPECTIONS AND INVESTIGATIONS. PURCHASER FURTHER ACKNOWLEDGES AND AGREES THAT PURCHASER IS ACQUIRING THE PROPERTY ON AN AS-IS, WHERE-IS AND WITH ALL FAULTS BASIS WITHOUT REPRESENTATIONS, WARRANTIES OR COVENANTS, EXPRESS OR IMPLIED, OF ANY KIND OR NATURE, EXCEPT THOSE EXPRESSLY INDICATED IN THIS CONTRACT. PURCHASER DISCLAIMS RELIANCE UPON ALL ORAL REPRESENTATIONS AND WARRANTIES, EXPRESS OR IMPLIED, OF ANY KIND OR NATURE, EXCEPT THOSE EXPRESSLY INDICATED IN THIS CONTRACT. PURCHASER HEREBY WAIVES AND RELINQUISHES ALL RIGHTS AND PRIVILEGES ARISING OUT OF, OR WITH RESPECT OR IN RELATION TO, ANY REPRESENTATIONS, WARRANTIES OR COVENANTS, WHETHER EXPRESS OR IMPLIED, WHICH MAY HAVE BEEN MADE OR GIVEN, OR WHICH MAY HAVE BEEN DEEMED TO HAVE BEEN MADE OR GIVEN, BY THE SELLER, EXCEPT THOSE EXPRESSLY INDICATED IN THIS CONTRACT. PURCHASER HEREBY AGREES THAT SELLER SHALL NOT BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, CONSEQUENTIAL OR OTHER DAMAGES RESULTING OR ARISING FROM OR RELATING TO THE OWNERSHIP, USE, CONDITION, LOCATION, MAINTENANCE, REPAIR OR OPERATION OF THE PROPERTY.

SURVIVAL. IT IS AGREED AND UNDERSTOOD THAT THE TERMS AND PROVISIONS OF THIS ARTICLE IV SHALL EXPRESSLY SURVIVE THE CLOSING AND NOT MERGE THEREIN.

ARTICLE V
CLOSING

Closing Date

5.01. The Closing shall be held at the office of Austin Title Company (the "Title Company") or another title company of Purchaser's choosing, on or before July 5, 2018 or at such time, date, and place as Seller and Purchaser may agree upon, or within 10 days after the completion of any title curative matters if necessary for items as shown on the Title Commitment or in the contract (which date is herein referred to as the "Closing Date").

Seller's Obligations at Closing

5.02. At the Closing Seller shall:

(1) Deliver to Purchaser a duly executed and acknowledged Special Warranty Deed conveying good and indefeasible title to Williamson County, Texas in fee simple to all of the Property described in Exhibit "A", free and clear of any and all liens and restrictions, except for the following:

(a) General real estate taxes for the year of closing and subsequent years not yet due and payable;

(b) Any exceptions approved by Purchaser pursuant to Article III hereof; and

(c) Any exceptions approved by Purchaser in writing.

The Deed shall be in the form as shown in Exhibit "B" attached hereto and incorporated herein.

(2) Cooperate, to the extent required, to ensure that the Title Company will deliver to Purchaser a Texas Owner's Title Policy at Purchaser's sole expense, issued by Title Company, in Grantee's favor in the full amount of the purchase price, insuring Purchaser's contracted interests in and to the Property subject only to those title exceptions listed herein, such other exceptions as may be approved in writing by Purchaser, and the standard printed exceptions contained in the promulgated form of Texas Owner's Title Policy, provided, however:

(a) The boundary and survey exceptions shall be deleted;

(b) The exception as to restrictive covenants shall be endorsed "None of Record", if applicable; and

(c) The exception as to the lien for taxes shall be limited to the year of Closing and shall be endorsed "Not Yet Due and Payable".

(3) Deliver to Purchaser possession of the Property if not previously done.

Purchaser's Obligations at Closing

5.03. At the Closing, Purchaser shall:

(a) Pay the cash portion of the Purchase Price;

(b) Pay the costs of Closing as required by this Contract.

Prorations

5.04. General real estate taxes for the then current year relating to the Property shall be prorated as of the Closing Date and shall be adjusted in cash at the closing. If the Closing shall occur before the tax rate is fixed for the then current year, the apportionment of taxes shall be upon the basis of the tax rate for the next preceding year applied to the latest assessed valuation. Agricultural roll-back taxes, if any, shall be paid by Purchaser.

Closing Costs

5.05. All costs and expenses of closing in consummating the sale and purchase of the Property shall be borne and paid as follows:

(1) Owner's Title Policy (including the base premium and the cost of all endorsements and special elective coverages) and survey to be paid by Purchaser.

(2) Deed (including recording costs), tax certificates, and title curative matters, if any, paid by Purchaser.

(3) All other closing costs shall be paid by Purchaser.

(4) Attorney's fees paid by each respectively.

ARTICLE VI
BREACH BY SELLER

In the event Seller shall fail to fully and timely perform any of its obligations hereunder or shall fail to consummate the sale of the Property for any reason, except Purchaser's default, Purchaser may: (1) enforce specific performance of this Contract; or (2) request that the Escrow Deposit, if any, shall be forthwith returned by the title company to Purchaser.

ARTICLE VII
BREACH BY PURCHASER

In the event Purchaser should fail to consummate the purchase of the Property, the conditions to Purchaser's obligations set forth in Article III having been satisfied and Purchaser being in default and Seller not being in default hereunder, Seller shall have the right to receive the Escrow Deposit, if any, from the title company, the sum being agreed on as liquidated damages for the failure of Purchaser to perform the duties, liabilities, and obligations imposed upon it by the terms and provisions of this Contract, and Seller agrees to accept and take this cash payment as its total damages and relief and as Seller's sole remedy hereunder in such event. If no Escrow Deposit has been made then Seller shall receive the amount of $500 as liquidated damages for any failure by Purchaser.

ARTICLE VIII
MISCELLANEOUS

Notice

8.01. Any notice required or permitted to be delivered hereunder shall be deemed received when sent by United States mail, postage prepaid, certified mail, return receipt requested, addressed to Seller or Purchaser, as the case may be, at the address set forth opposite the signature of the party.

Texas Law to Apply

8.02. This Contract shall be construed under and in accordance with the laws of the State of Texas, and all obligations of the parties created hereunder are performable in Williamson County, Texas.

Parties Bound; Total Agreement; Modification

8.03. This Contract shall be binding upon and inure to the benefit of the parties and their respective heirs, executors, administrators, legal representatives, successors and assigns where permitted by this Contract. This Contract constitutes the entire agreement among the parties pertaining to the subject matter hereof and supersedes all prior and contemporaneous agreements and understandings of the parties in connection therewith, specifically including any letter of intent negotiated by the parties in relation to the Property. No representation, warranty, covenant, agreement or condition not expressed in this Contract shall be binding upon the parties hereto or shall affect or be effective to interpret, change or restrict the provisions of this Contract. This Contract may not be modified or amended, except by an agreement in writing signed by both the Seller and the Purchaser.

Legal Construction

8.04. In case any one or more of the provisions contained in this Contract shall for any reason be held to be invalid, illegal, or unenforceable in any respect, this invalidity, illegality, or unenforceability shall not affect any other provision hereof, and this Contract shall be construed as if the invalid, illegal, or unenforceable provision had never been contained herein.

Prior Agreements Superseded

8.05. This Contract constitutes the sole and only agreement of the parties and supersedes any prior understandings or written or oral agreements between the parties respecting the within subject matter.

Time of Essence

8.06. Time is of the essence in this Contract.

Gender

8.07. Words of any gender used in this Contract shall be held and construed to include any other gender, and words in the singular number shall be held to include the plural, and vice versa, unless the context requires otherwise.

No Recordation

8.08. Seller and Purchaser hereby acknowledge that neither this Contract nor any memorandum or affidavit thereof shall be recorded of public record in the county where the Property is located or any other county in Texas.

Compliance

8.09. In accordance with the requirements of Section 1101.555 of the Texas Real Estate License Act, **PURCHASER IS HEREBY ADVISED THAT IT SHOULD BE FURNISHED WITH OR OBTAIN A POLICY OF TITLE INSURANCE OR PURCHASER SHOULD HAVE THE ABSTRACT COVERING THE PROPERTY EXAMINED BY AN ATTORNEY OF PURCHASER'S OWN SELECTION.**

Effective Date

8.10. This Contract shall be effective as of the date it is approved by Williamson County, Texas which date is indicated beneath the County Judge's signature below.

Counterparts

8.11. This Contract may be executed in any number of counterparts, which may together constitute the Contract. Signatures transmitted by facsimile or electronic mail may be considered effective as originals for purposes of this Contract.

Exhibits

8.12. The following Exhibits are attached hereto:

- Exhibit "A": Property metes and bounds legal description
- Exhibit "B": Agreed Deed Form

[signature page follows]

SELLER:

By: _____
KEVIN VAN ANTWERP

Address: 108 Sarahs Ln
Liberty Hill, TX 78642

By: _____
STEPHANIE VAN ANTWERP

PURCHASER:

WILLIAMSON COUNTY, TEXAS

By: _____
Dan A. Gattis
County Judge

Date: _____

Address: 710 Main Street, Suite 101
Georgetown, Texas 78626

EXHIBIT A

County: Williamson County
Roadway: **CR. 200**

PROPERTY DESCRIPTION
PARCEL 8

BEING A 0.064 ACRE (2,776 SQUARE FEET) TRACT OF LAND OUT OF LOT 3, CIERRA VISTA SUBDIVISION, A PLAT RECORDED IN DOCUMENT NO. 2007078025 OF THE OFFICIAL PUBLIC RECORDS OF WILLIAMSON COUNTY, TEXAS (O.P.R.W.C.) AND IN CABINET DD, SLIDE 314 OF THE PLAT RECORDS OF WILLIAMSON COUNTY, TEXAS, SAID LOT 3 BEING CONVEYED TO KEVIN VAN ANTWERP AND STEPHANIE VAN ANTWERP BY DEED RECORDED IN DOCUMENT NO. 2016057588, O.P.R.W.C., SAID 0.064 ACRES, AS SHOWN ON THE ACCOMPANYING SKETCH, BEING MORE PARTICULARLY DESCRIBED BY METES AND BOUNDS AS FOLLOWS:

BEGINNING at a ½" iron rod with plastic cap stamped "SURVTEX" set at the intersection of the proposed westerly right-of-way (R.O.W.) line of Williamson County Road 200 (C.R. 200) with the south line of said Lot 3, same being the north line of Lot 4 of said Cierra Vista Subdivision, and being the southwest corner hereof, from which an "X" found in concrete marking the common west corner of said Lots 3 and 4 bears S 68°57'15" W, 287.91' for reference;

1. **THENCE** N 21°03'28" W, across said Lot 3 and with the proposed westerly R.O.W. line of C.R. 200, 138.80' to a ½" iron rod with plastic cap stamped "SURVTEX" set at the intersection of the proposed westerly R.O.W. line of C.R. 200 with a common line being the north line of said Lot 3 and the south line of Lot 2 of said Cierra Vista Subdivision, for the northwest corner hereof;

2. **THENCE** N 68°56'59" E, with said common line, 20.00' to a calculated point on the existing west margin of C.R. 200 (no recording information found), same being the common east corner of said Lots 2 and 3, for the northeast corner hereof; from which, a ½" iron rod with cap stamped "3DS" found bears S 68°56'59" W, 0.16' for reference;

3. **THENCE** S 21°03'28" E, with the existing west margin of said C.R. 200, same being the east line of said Lot 3, 138.80' to a calculated point for the common east corner of said Lots 3 and 4, same being the southeast corner hereof, from which, a ½" iron rod with cap stamped "3DS" found bears S 68°57'15" W, 0.09' for reference;

EXHIBIT __

County: Williamson County
Roadway: **CR. 200**

4. **THENCE** S 68°57'15" W, with the south line of said Lot 3, same being the north line of said Lot 4, 20.00' to the **POINT OF BEGINNING** and containing 0.064 acres (2,776 square feet) of land, more or less.

The bearings shown hereon are stated to be: Texas State Plane, Central Zone, NAD 83 (2011). Distances are surface values, scaled using a project Surface Adjustment Factor of 1.00015. (Surface = Plane x 1.00015).

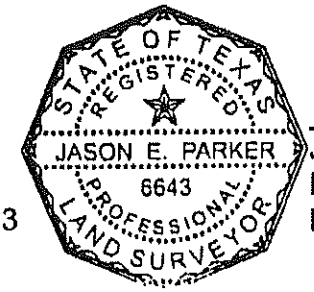
The square footage calculated and shown herein is based on a computed closure of this parcel(s) and is included for informational purposes only.

This property description is accompanied by a separate plat of even date.

THE STATE OF TEXAS §
§ KNOW ALL MEN BY THESE PRESENTS:
COUNTY OF WILLIAMSON §

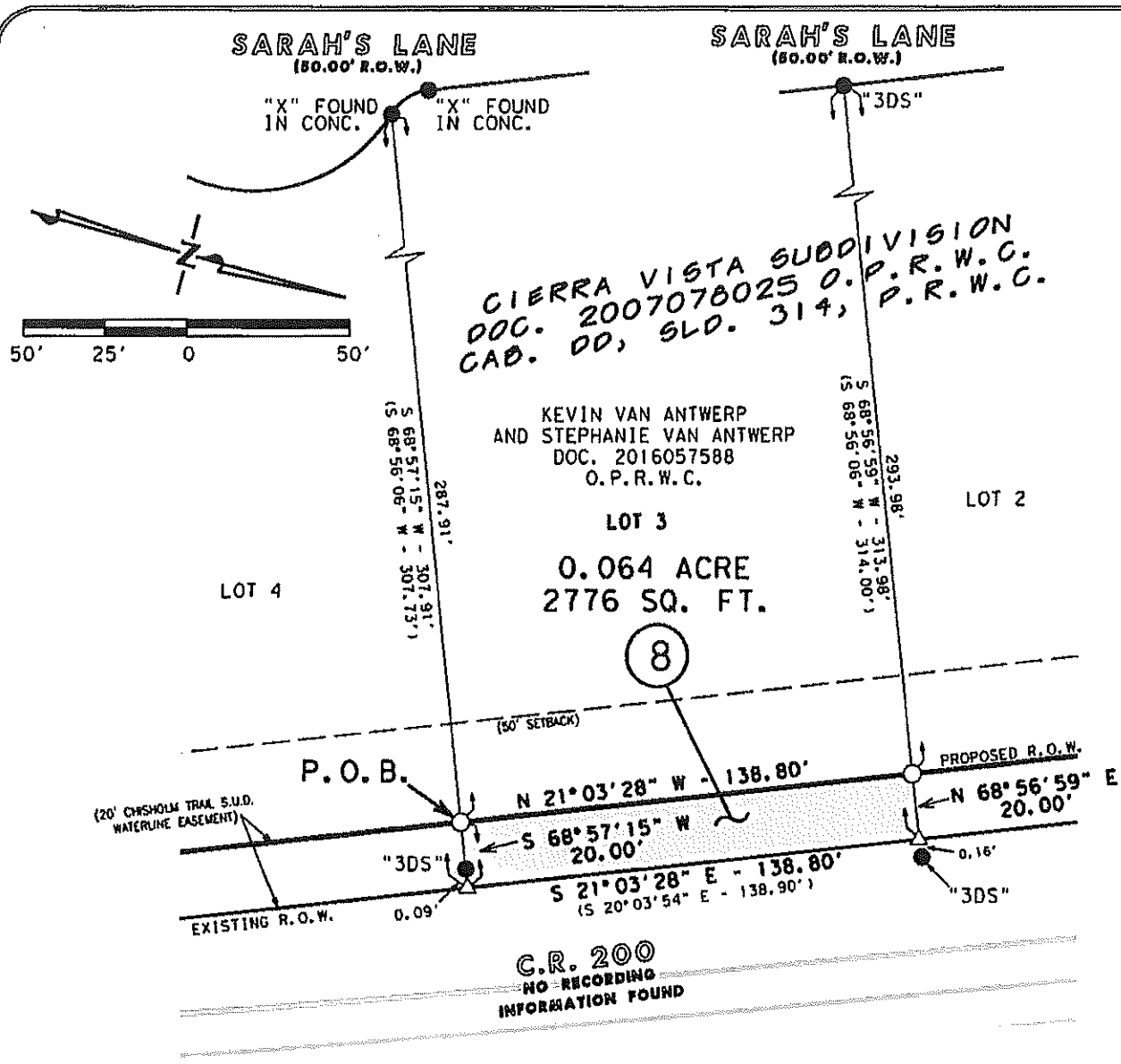
That I, Jason E. Parker, a Registered Professional Land Surveyor, do hereby state that the above description is true and correct to the best of my knowledge and belief and that the property described herein was determined by a survey made on the ground under my direction and supervision.

WITNESS MY HAND AND SEAL at Cedar Park, Williamson County, Texas this the 25th day of OCT, 2017, A.D.



SURVTEX LLC
600 W. Whitestone Blvd
Cedar Park, Texas 78613
(512) 249-8875
TBPLS Firm #10084600

Jason E. Parker
Registered Professional Land Surveyor
No. 6643 – State of Texas



NOTES:

1. THIS SURVEY WAS PERFORMED WITHOUT THE BENEFIT OF A TITLE COMMITMENT. RECORD INFORMATION ON THIS SKETCH IS BASED ON A PUBLIC RECORDS SEARCH BY THE SURVEYOR AND MAY NOT INCLUDE ALL EASEMENTS OR INSTRUMENTS PERTAINING TO THIS PROPERTY.

2. THE BEARINGS SHOWN HEREON ARE: TEXAS STATE PLANE, CENTRAL ZONE, NAD 83 (2011). DISTANCES ARE SURFACE VALUES, SCALED USING A PROJECT SURFACE ADJUSTMENT FACTOR OF 1.00015. (SURFACE * PLANE X 1.00015).

3. IMPROVEMENTS SHOWN ARE FROM ON THE GROUND MAPPING PERFORMED IN 2015.

4. THE SQUARE FOOTAGE CALCULATED AND SHOWN HEREON IS BASED ON A COMPUTED CLOSURE OF THIS PARCEL AND IS FOR INFORMATIONAL PURPOSES ONLY.

5. PROPERTY DESCRIPTION WITH SAME DATE WAS PREPARED WITH THIS PLAT.

I HEREBY CERTIFY THAT THIS SURVEY WAS MADE ON THE GROUND UNDER MY DIRECTION AND SUPERVISION, AND THIS PLAT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

10.25.17
DATE

JASON E. PARKER
REGISTERED PROFESSIONAL LAND SURVEYOR
NO. 6643, STATE OF TEXAS

LEGEND
(UNLESS OTHERWISE NOTED)

■	TxDOT TYPE I MONUMENT FOUND
○	1/2" IRON ROD SET WITH "SURVTEX" CAP
●	1/2" IRON ROD FOUND
△	CALCULATED POINT
( )	RECORD INFORMATION
D.R.W.C.	DEED RECORDS OF WILLIAMSON COUNTY, TEXAS
O.R.W.C.	OFFICIAL RECORDS OF WILLIAMSON COUNTY, TEXAS
O.P.R.W.C.	OFFICIAL PUBLIC RECORDS OF WILLIAMSON COUNTY, TEXAS
P.R.W.C.	PLAT RECORDS OF WILLIAMSON COUNTY, TEXAS
P.O.B.	POINT OF BEGINNING
P.O.C.	POINT OF COMMENCEMENT
P.O.R.	POINT OF REFERENCE

STATE OF TEXAS
REGISTERED
JASON E. PARKER
6643
PROFESSIONAL
LAND SURVEYOR

PARCEL 8
ACRES: 0.064
HIGHWAY: C.R. 200
ROW CSJ:
COUNTY: WILLIAMSON
SCALE: 1" = 50'
SHEET 3 OF 3

FILE: P08.dgn

SURVTEX LLC
PROFESSIONAL SURVEYING AND MAPPING SERVICES
600 W. WHITESTONE BLVD.
CEDAR PARK, TEXAS 78613
PHONE: (512) 249-8875
FAX (512) 249-5040
TBPLS FIRM NO. 10084600

Exhibit B

Parcel 7

SPECIAL WARRANTY DEED
CR 200 Right of Way

THE STATE OF TEXAS §
§
COUNTY OF WILLIAMSON §

NOTICE OF CONFIDENTIALITY RIGHTS: IF YOU ARE A NATURAL PERSON, YOU MAY REMOVE OR STRIKE ANY OF THE FOLLOWING INFORMATION FROM THIS INSTRUMENT BEFORE IT IS FILED IN THE PUBLIC RECORDS: YOUR SOCIAL SECURITY NUMBER OR YOUR DRIVER'S LICENSE NUMBER.

NOW, THEREFORE, KNOW ALL MEN BY THESE PRESENTS:

That **KEVIN VAN ANTWERP** and **STEPHANIE VAN ANTWERP**, hereinafter referred to as Grantor, whether one or more, for and in consideration of the sum of Ten Dollars ($10.00) and other good and valuable consideration to Grantor in hand paid by Williamson County, Texas, the receipt and sufficiency of which is hereby acknowledged, and for which no lien is retained, either expressed or implied, have this day Sold and by these presents do Grant, Bargain, Sell and Convey unto **WILLIAMSON COUNTY, TEXAS**, all that certain tract or parcel of land lying and being situated in the County of Williamson, State of Texas, along with any improvements thereon, being more particularly described as follows:

> All of that certain 0.064-acre (2,776 square feet) tract of land out of Lot 3, Cierra Vista Subdivision, a Plat Recorded in Document No. 2007078025 of the Official Public Records of Williamson County, Texas (O.P.R.W.C.) and in Cabinet DD, Slide 314 of the Plat Records of Williamson County, Texas, said Lot 3 being conveyed to Kevin Van Antwerp and Stephanie Van Antwerp, husband and wife, by Deed Recorded in Document No. 2016057588, O.P.R.W.C., said 0.064 acres being more fully described by metes and bounds and accompanying sketch in Exhibit "A", attached hereto and incorporated herein (**Parcel 8**);

SAVE AND EXCEPT, HOWEVER, it is expressly understood and agreed that Grantor is retaining title to the following improvements located on the property described in said Exhibit "A" to wit: NONE

RESERVATIONS FROM AND EXCEPTIONS TO CONVEYANCE AND WARRANTY:

Visible and apparent easements not appearing of record;

Any discrepancies, conflicts, or shortages in area or boundary lines or any encroachments or any overlapping of improvements which a current survey would show;

Easements, restrictions, reservations, covenants, conditions, oil and gas leases, mineral severances, and encumbrances for taxes and assessments (other than liens and conveyances)

presently of record in the Official Public Records of Williamson County, Texas, that affect the property, but only to the extent that said items are still valid and in force and effect at this time.

Grantor reserves all of the oil, gas and other minerals in and under the land herein conveyed but waives all rights of ingress and egress to the surface thereof for the purpose of exploring, developing, mining or drilling or pumping the same; provided, however, that operations for exploration or recovery of any such minerals shall be permissible so long as all surface operations in connection therewith are located at a point outside the acquired parcel and upon the condition that none of such operations shall be conducted so near the surface of said land as to interfere with the intended use thereof or in any way interfere with, jeopardize, or endanger the facilities of Williamson County, Texas or create a hazard to the public users thereof; it being intended, however, that nothing in this reservation shall affect the title and the rights of Grantee to take and use without additional compensation any, stone, earth, gravel, caliche, iron ore, gravel or any other road building material upon, in and under said land for the construction and maintenance of CR 200.

TO HAVE AND TO HOLD the property herein described and herein conveyed together with all and singular the rights and appurtenances thereto in any wise belonging unto Williamson County, Texas and its assigns forever; and Grantor does hereby bind itself, its heirs, executors, administrators, successors and assigns to Warrant and Forever Defend all and singular the said premises herein conveyed unto Williamson County, Texas and its assigns against every person whomsoever lawfully claiming or to claim the same or any part thereof, when the claim is by, through, or under Grantor, but not otherwise, except as to the Reservations from and Exceptions to Conveyance and Warranty.

This deed is being delivered in lieu of condemnation.

IN WITNESS WHEREOF, this instrument is executed on this the ____ day of _____, 2018.

GRANTOR:

By:_____
KEVIN VAN ANTWERP

By:_____
STEPHANIE VAN ANTWERP

(Acknowledgement Next Page)

ACKNOWLEDGMENT

STATE OF TEXAS §
§
COUNTY OF _____ §

This instrument was acknowledged before me on this the ____ day of _____, 2018 by KEVIN VAN ANTWERP, in the capacity and for the purposes and consideration recited therein.

_____
Notary Public, State of Texas

STATE OF TEXAS §
§
COUNTY OF _____ §

This instrument was acknowledged before me on this the ____ day of _____, 2018 by STEPHANIE VAN ANTWERP, in the capacity and for the purposes and consideration recited therein.

_____
Notary Public, State of Texas

PREPARED IN THE OFFICE OF:

Sheets & Crossfield, P.C.
309 East Main
Round Rock, Texas 78664

GRANTEE'S MAILING ADDRESS:

Williamson County, Texas
Attn: County Auditor
710 Main Street, Suite 101
Georgetown, Texas 78626

Commissioners Court - Regular Session **39.**

Meeting Date: 06/19/2018

CR 200 Contract

Submitted For: Charlie Crossfield **Submitted By:** Charlie Crossfield, Road Bond

Department: Road Bond

Agenda Category: Regular Agenda Items

Information

Agenda Item

Discuss, consider and take appropriate action on a Real Estate Contract with Terry and Traci Stanley for right of way needed on CR 200. (Parcel 9) Funding Source: Road Bonds P285

Background

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

Stanley Contract

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Wendy Coco	06/14/2018 11:26 AM
Form Started By: Charlie Crossfield		Started On: 06/14/2018 10:09 AM
Final Approval Date: 06/14/2018		

REAL ESTATE CONTRACT
CR 200 Right of Way—Parcel 9

THIS REAL ESTATE CONTRACT ("Contract") is made by TERRY DAVID STANLEY and TRACI DIANE STANLEY (collectively referred to in this Contract as "Seller") and WILLIAMSON COUNTY, TEXAS (referred to in this Contract as "Purchaser"), upon the terms and conditions set forth in this Contract.

ARTICLE I
PURCHASE AND SALE

By this Contract, Seller sells and agrees to convey, and Purchaser purchases and agrees to pay for, the tract of land described as follows:

> All of that certain 0.064-acre (2,777 square feet) tract of land out of Lot 2, Cierra Vista Subdivision, a Plat Recorded in Document No. 2007078025 of the Official Public Records of Williamson County, Texas (O.P.R.W.C.) and in Cabinet DD, Slide 314 of the Plat Records of Williamson County, Texas, said Lot 2 being conveyed to Terry David Stanley and Traci Diane Stanley, husband and wife, by Deed Recorded in Document No. 2017079100, O.P.R.W.C., said 0.064 acres being more fully described by metes and bounds and accompanying sketch in Exhibit "A", attached hereto and incorporated herein (**Parcel 9**);

together with all and singular the rights and appurtenances pertaining to the property, including any right, title and interest of Seller in and to adjacent streets, alleys or rights-of-way (all of such real property, rights, and appurtenances being referred to in this Contract as the "Property"), and any improvements situated on and attached to the Property described in Exhibit "A" not otherwise agreed herein to be retained by Seller, for the consideration and upon and subject to the terms, provisions, and conditions set forth below.

ARTICLE II
PURCHASE PRICE

Purchase Price

2.01. The Purchase Price for the Property described in Exhibit "A", any improvements on the Property, and any damage to and/or cost to cure for the remaining property of Seller shall be the sum of SIX THOUSAND NINE HUNDRED TEN and 00/100 Dollars ($6,910.00).

By execution of this Contract the parties agree that any improvements or other personal property located within the Property that are to be retained by Seller shall be removed or relocated

off of the Property on or before July 31, 2018, or they shall otherwise become subject to removal or relocation by Purchaser, its contractors or agents after that date.

Payment of Purchase Price

2.02. The Purchase Price shall be payable in cash at the Closing.

ARTICLE III
PURCHASER'S OBLIGATIONS

Conditions to Purchaser's Obligations

3.01. The obligations of Purchaser hereunder to consummate the transactions contemplated hereby are subject to the satisfaction of each of the following conditions (any of which may be waived in whole or in part by Purchaser at or prior to the Closing).

Miscellaneous Conditions

3.02. Seller shall have performed, observed, and complied with all of the covenants, agreements, and conditions required by this Contract to be performed, observed, and complied with by Seller prior to or as of the closing.

Title

3.03. Within seven (7) days from the Effective Date of this Contract, Purchaser shall cause the Title Company to furnish to the Purchaser a current commitment ("Title Commitment") for the issuance of an Owner's Policy of Title Insurance together with legible copies of all documents constituting exceptions to Seller's title as reflected in the Title Commitment. Purchaser may, on or prior to five (5) days after its receipt of the later of the Title Commitment, deliver to Seller in writing such reasonable objections as Purchaser may have to anything contained or set forth in the Title Commitment or the title exception documents. In the event Purchaser timely objects to any matter contained in the Title Commitment or title exception documents, Seller shall have a reasonable period of time after receipt of Purchaser's objections within which Seller may attempt to cure such objections specified by Purchaser; provided, however, Seller shall provide reasonable responsive cooperation and assistance requested by Purchaser to cure any objections, but shall be under no obligation to incur any costs whatsoever in connection with such cure. In the event Seller has not yet satisfied each and every of Purchaser's stated title objections within ten (10) days following the date of Purchaser's objections, Purchaser shall elect to either (i) terminate this Contract, or (ii) waive those title objections which Seller has not satisfied and proceed to Closing. In the event Purchaser fails to elect (i) or (ii) in writing within such period, then, and in such event, Purchaser shall be deemed to have elected (ii).

Inspection

Purchaser acknowledges that Seller is providing Purchaser with an opportunity to thoroughly inspect the Property prior to Closing or all purposes, including any concerns with respect to any past, current or future violation of environmental laws or with respect to the presence, either now or in the past, of any hazardous substances at the Property.

ARTICLE IV
REPRESENTATIONS AND WARRANTIES OF SELLER

After the Effective Date, Seller agrees that Purchaser shall be entitled to enter upon the Property and to conduct such inspections and audits as Purchaser may reasonably desire.

Seller hereby represents and warrants to Purchaser as follows, which representations and warranties shall be deemed made by Seller to Purchaser also as of the Closing Date, to the best of Seller's current actual knowledge:

(1) Seller has not entered into any lease or other agreement, whether written or oral, granting any other party the right to possess the Property. To Seller's actual knowledge, there are no parties in possession of any portion of the Property as lessees, tenants at sufferance, or trespassers, other than as previously disclosed to Purchaser.

(2) To Seller's actual knowledge, Seller has complied with all applicable laws, ordinances, regulations, statutes, rules and restrictions relating to the Property, or any part thereof.

For purposes of this Contract, wherever the terms "knowledge," "belief," or words of similar import are used with respect to the Seller, such knowledge or belief shall be limited to the actual knowledge of Seller.

The Property herein is being conveyed to Purchaser under threat of condemnation.

PURCHASER HEREBY EXPRESSLY ACKNOWLEDGES THAT IT HAS OR WILL HAVE, PRIOR TO THE CLOSING, THOROUGHLY INSPECTED AND EXAMINED THE PROPERTY TO THE EXTENT DEEMED NECESSARY BY THE PURCHASER IN ORDER TO ENABLE THE PURCHASER TO EVALUATE THE PURCHASE OF THE PROPERTY. PURCHASER REPRESENTS THAT IT IS A KNOWLEDGEABLE PURCHASER OF ASSETS SUCH AS THE PROPERTY AND THAT IT IS RELYING SOLELY ON ITS OWN EXPERTISE AND THAT OF PURCHASER'S CONSULTANTS, AND THAT PURCHASER WILL CONDUCT SUCH INSPECTIONS AND INVESTIGATIONS OF THE PROPERTY, INCLUDING BUT NOT LIMITED TO THE PHYSICAL AND ENVIRONMENTAL CONDITIONS THEREOF, AND SHALL RELY UPON SAME, AND UPON CLOSING SHALL ASSUME THE RISK OF ANY ADVERSE MATTERS, INCLUDING BUT NOT LIMITED TO,

ADVERSE PHYSICAL AND ENVIRONMENTAL CONDITIONS, THAT MAY NOT HAVE BEEN REVEALED BY PURCHASER'S INSPECTIONS AND INVESTIGATIONS. PURCHASER FURTHER ACKNOWLEDGES AND AGREES THAT PURCHASER IS ACQUIRING THE PROPERTY ON AN AS-IS, WHERE-IS AND WITH ALL FAULTS BASIS WITHOUT REPRESENTATIONS, WARRANTIES OR COVENANTS, EXPRESS OR IMPLIED, OF ANY KIND OR NATURE, EXCEPT THOSE EXPRESSLY INDICATED IN THIS CONTRACT. PURCHASER DISCLAIMS RELIANCE UPON ALL ORAL REPRESENTATIONS AND WARRANTIES, EXPRESS OR IMPLIED, OF ANY KIND OR NATURE, EXCEPT THOSE EXPRESSLY INDICATED IN THIS CONTRACT. PURCHASER HEREBY WAIVES AND RELINQUISHES ALL RIGHTS AND PRIVILEGES ARISING OUT OF, OR WITH RESPECT OR IN RELATION TO, ANY REPRESENTATIONS, WARRANTIES OR COVENANTS, WHETHER EXPRESS OR IMPLIED, WHICH MAY HAVE BEEN MADE OR GIVEN, OR WHICH MAY HAVE BEEN DEEMED TO HAVE BEEN MADE OR GIVEN, BY THE SELLER, EXCEPT THOSE EXPRESSLY INDICATED IN THIS CONTRACT. PURCHASER HEREBY AGREES THAT SELLER SHALL NOT BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, CONSEQUENTIAL OR OTHER DAMAGES RESULTING OR ARISING FROM OR RELATING TO THE OWNERSHIP, USE, CONDITION, LOCATION, MAINTENANCE, REPAIR OR OPERATION OF THE PROPERTY.

SURVIVAL. IT IS AGREED AND UNDERSTOOD THAT THE TERMS AND PROVISIONS OF THIS ARTICLE IV SHALL EXPRESSLY SURVIVE THE CLOSING AND NOT MERGE THEREIN.

ARTICLE V
CLOSING

Closing Date

5.01. The Closing shall be held at the office of Austin Title Company (the "Title Company") or another title company of Purchaser's choosing, on or before July 5, 2018 or at such time, date, and place as Seller and Purchaser may agree upon, or within 10 days after the completion of any title curative matters if necessary for items as shown on the Title Commitment or in the contract (which date is herein referred to as the "Closing Date").

Seller's Obligations at Closing

5.02. At the Closing Seller shall:

(1) Deliver to Purchaser a duly executed and acknowledged Special Warranty Deed conveying good and indefeasible title to Williamson County, Texas in fee simple to all of the Property described in Exhibit "A", free and clear of any and all liens and restrictions, except for the following:

(a) General real estate taxes for the year of closing and subsequent years not yet due and payable;

(b) Any exceptions approved by Purchaser pursuant to Article III hereof; and

(c) Any exceptions approved by Purchaser in writing.

The Deed shall be in the form as shown in Exhibit "B" attached hereto and incorporated herein.

(2) Cooperate, to the extent required, to ensure that the Title Company will deliver to Purchaser a Texas Owner's Title Policy at Purchaser's sole expense, issued by Title Company, in Grantee's favor in the full amount of the purchase price, insuring Purchaser's contracted interests in and to the Property subject only to those title exceptions listed herein, such other exceptions as may be approved in writing by Purchaser, and the standard printed exceptions contained in the promulgated form of Texas Owner's Title Policy, provided, however:

(a) The boundary and survey exceptions shall be deleted;

(b) The exception as to restrictive covenants shall be endorsed "None of Record", if applicable; and

(c) The exception as to the lien for taxes shall be limited to the year of Closing and shall be endorsed "Not Yet Due and Payable".

(3) Deliver to Purchaser possession of the Property if not previously done.

Purchaser's Obligations at Closing

5.03. At the Closing, Purchaser shall:

(a) Pay the cash portion of the Purchase Price;

(b) Pay the costs of Closing as required by this Contract.

Prorations

5.04. General real estate taxes for the then current year relating to the Property shall be prorated as of the Closing Date and shall be adjusted in cash at the closing. If the Closing shall occur before the tax rate is fixed for the then current year, the apportionment of taxes shall be upon the basis of the tax rate for the next preceding year applied to the latest assessed valuation. Agricultural roll-back taxes, if any, shall be paid by Purchaser.

Closing Costs

5.05. All costs and expenses of closing in consummating the sale and purchase of the Property shall be borne and paid as follows:

(1) Owner's Title Policy (including the base premium and the cost of all endorsements and special elective coverages) and survey to be paid by Purchaser.

(2) Deed (including recording costs), tax certificates, and title curative matters, if any, paid by Purchaser.

(3) All other closing costs shall be paid by Purchaser.

(4) Attorney's fees paid by each respectively.

ARTICLE VI
BREACH BY SELLER

In the event Seller shall fail to fully and timely perform any of its obligations hereunder or shall fail to consummate the sale of the Property for any reason, except Purchaser's default, Purchaser may: (1) enforce specific performance of this Contract; or (2) request that the Escrow Deposit, if any, shall be forthwith returned by the title company to Purchaser.

ARTICLE VII
BREACH BY PURCHASER

In the event Purchaser should fail to consummate the purchase of the Property, the conditions to Purchaser's obligations set forth in Article III having been satisfied and Purchaser being in default and Seller not being in default hereunder, Seller shall have the right to receive the Escrow Deposit, if any, from the title company, the sum being agreed on as liquidated damages for the failure of Purchaser to perform the duties, liabilities, and obligations imposed upon it by the terms and provisions of this Contract, and Seller agrees to accept and take this cash payment as its total damages and relief and as Seller's sole remedy hereunder in such event. If no Escrow Deposit has been made then Seller shall receive the amount of $500 as liquidated damages for any failure by Purchaser.

Time of Essence

8.06. Time is of the essence in this Contract.

Gender

8.07. Words of any gender used in this Contract shall be held and construed to include any other gender, and words in the singular number shall be held to include the plural, and vice versa, unless the context requires otherwise.

No Recordation

8.08. Seller and Purchaser hereby acknowledge that neither this Contract nor any memorandum or affidavit thereof shall be recorded of public record in the county where the Property is located or any other county in Texas.

Compliance

8.09. In accordance with the requirements of Section 1101.555 of the Texas Real Estate License Act, **PURCHASER IS HEREBY ADVISED THAT IT SHOULD BE FURNISHED WITH OR OBTAIN A POLICY OF TITLE INSURANCE OR PURCHASER SHOULD HAVE THE ABSTRACT COVERING THE PROPERTY EXAMINED BY AN ATTORNEY OF PURCHASER'S OWN SELECTION.**

Effective Date

8.10. This Contract shall be effective as of the date it is approved by Williamson County, Texas which date is indicated beneath the County Judge's signature below.

Counterparts

8.11. This Contract may be executed in any number of counterparts, which may together constitute the Contract. Signatures transmitted by facsimile or electronic mail may be considered effective as originals for purposes of this Contract.

Exhibits

8.12. The following Exhibits are attached hereto:

- Exhibit "A": Property metes and bounds legal description
- Exhibit "B": Agreed Deed Form

[signature page follows]

SELLER:

By:_____
TERRY DAVID STANLEY

Address: 2100 Cedar Hollow Rd
Georgetown, Texas 78628

By:_____
TRACI DIANE STANLEY

PURCHASER:

WILLIAMSON COUNTY, TEXAS

By:_____
Dan A. Gattis
County Judge

Date:_____

Address: 710 Main Street, Suite 101
Georgetown, Texas 78626

Exhibit B

Parcel 9

SPECIAL WARRANTY DEED
CR 200 Right of Way

THE STATE OF TEXAS §
§
COUNTY OF WILLIAMSON §

NOTICE OF CONFIDENTIALITY RIGHTS: IF YOU ARE A NATURAL PERSON, YOU MAY REMOVE OR STRIKE ANY OF THE FOLLOWING INFORMATION FROM THIS INSTRUMENT BEFORE IT IS FILED IN THE PUBLIC RECORDS: YOUR SOCIAL SECURITY NUMBER OR YOUR DRIVER'S LICENSE NUMBER.

NOW, THEREFORE, KNOW ALL MEN BY THESE PRESENTS:

That **TERRY DAVID STANLEY AND TRACI DIANE STANLEY**, hereinafter referred to as Grantor, whether one or more, for and in consideration of the sum of Ten Dollars ($10.00) and other good and valuable consideration to Grantor in hand paid by Williamson County, Texas, the receipt and sufficiency of which is hereby acknowledged, and for which no lien is retained, either expressed or implied, have this day Sold and by these presents do Grant, Bargain, Sell and Convey unto WILLIAMSON COUNTY, TEXAS, all that certain tract or parcel of land lying and being situated in the County of Williamson, State of Texas, along with any improvements thereon, being more particularly described as follows:

> All of that certain 0.064-acre (2,777 square feet) tract of land out of Lot 2, Cierra Vista Subdivision, a Plat Recorded in Document No. 2007078025 of the Official Public Records of Williamson County, Texas (O.P.R.W.C.) and in Cabinet DD, Slide 314 of the Plat Records of Williamson County, Texas, said Lot 2 being conveyed to Terry David Stanley and wife Traci Diane Stanley by Deed Recorded in Document No. 2017079100, O.P.R.W.C., said 0.064 acres being more fully described by metes and bounds in Exhibit "A", attached hereto and incorporated herein.

SAVE AND EXCEPT, HOWEVER, it is expressly understood and agreed that Grantor is retaining title to the following improvements located on the property described in said Exhibit "A" to wit: NONE

RESERVATIONS FROM AND EXCEPTIONS TO CONVEYANCE AND WARRANTY:

Visible and apparent easements not appearing of record;

Any discrepancies, conflicts, or shortages in area or boundary lines or any encroachments or any overlapping of improvements which a current survey would show;

Easements, restrictions, reservations, covenants, conditions, oil and gas leases, mineral severances, and encumbrances for taxes and assessments (other than liens and conveyances)

presently of record in the Official Public Records of Williamson County, Texas, that affect the property, but only to the extent that said items are still valid and in force and effect at this time.

Grantor reserves all of the oil, gas and other minerals in and under the land herein conveyed but waives all rights of ingress and egress to the surface thereof for the purpose of exploring, developing, mining or drilling or pumping the same; provided, however, that operations for exploration or recovery of any such minerals shall be permissible so long as all surface operations in connection therewith are located at a point outside the acquired parcel and upon the condition that none of such operations shall be conducted so near the surface of said land as to interfere with the intended use thereof or in any way interfere with, jeopardize, or endanger the facilities of Williamson County, Texas or create a hazard to the public users thereof; it being intended, however, that nothing in this reservation shall affect the title and the rights of Grantee to take and use without additional compensation any, stone, earth, gravel, caliche, iron ore, gravel or any other road building material upon, in and under said land for the construction and maintenance of CR 200.

TO HAVE AND TO HOLD the property herein described and herein conveyed together with all and singular the rights and appurtenances thereto in any wise belonging unto Williamson County, Texas and its assigns forever; and Grantor does hereby bind itself, its heirs, executors, administrators, successors and assigns to Warrant and Forever Defend all and singular the said premises herein conveyed unto Williamson County, Texas and its assigns against every person whomsoever lawfully claiming or to claim the same or any part thereof, when the claim is by, through, or under Grantor, but not otherwise, except as to the Reservations from and Exceptions to Conveyance and Warranty.

This deed is being delivered in lieu of condemnation.

IN WITNESS WHEREOF, this instrument is executed on this the ____ day of _____, 2018.

GRANTORS:

By:_____
Terry David Stanley

By:_____
Traci Diane Stanley

(Acknowledgement Next Page)

ACKNOWLEDGMENT

STATE OF TEXAS §
§
COUNTY OF _____ §

This instrument was acknowledged before me on this the ____ day of _____, 2018 by Terry David Stanley, in the capacity and for the purposes and consideration recited therein.

_____
Notary Public, State of Texas

ACKNOWLEDGMENT

STATE OF TEXAS §
§
COUNTY OF _____ §

This instrument was acknowledged before me on this the ____ day of _____, 2018 by Traci Diane Stanley, in the capacity and for the purposes and consideration recited therein.

_____
Notary Public, State of Texas

PREPARED IN THE OFFICE OF:

Sheets & Crossfield, P.C.
309 East Main
Round Rock, Texas 78664

GRANTEE'S MAILING ADDRESS:

Williamson County, Texas
Attn: County Auditor
710 Main Street, Suite 101
Georgetown, Texas 78626

AFTER RECORDING RETURN TO:

Commissioners Court - Regular Session **40.**

Meeting Date: 06/19/2018

License Agreement

Submitted For: Charlie Crossfield **Submitted By:** Charlie Crossfield, Road Bond

Department: Road Bond

Agenda Category: Regular Agenda Items

Information

Agenda Item

Discuss, consider and take appropriate action on a License Agreement with Sonterra Municipal Utility District.

Background

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

Sonterra License Agreement pdf

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Wendy Coco	06/14/2018 11:34 AM
Form Started By: Charlie Crossfield		Started On: 06/14/2018 11:20 AM
Final Approval Date: 06/14/2018		

LICENSE AGREEMENT
[SONTERRA BOULEVARD]

THIS LICENSE AGREEMENT (this "*License*") is entered into effective _____, 2018 between **WILLIAMSON COUNTY, TEXAS**, a political subdivision of the State of Texas (the "*County*"), and **SONTERRA MUNICIPAL UTILITY** DISTRICT, a political subdivision of the State of Texas operating under Chapters 49 and 54 of the Texas Water Code ("*Licensee*"), and is as follows:

I. PURPOSE AND GRANT OF LICENSE AGREEMENT

Licensee has requested permission from the County to install and maintain sidewalks, trails, lighting, landscaping and irrigation and signage (collectively, "*Licensee's Improvements*") upon the portions of the County's right-of-way, located outside of the roadway. The County grants to Licensee permission to install and maintain Licensee's Improvements in the areas of the County's right-of-way depicted in red on the attached **Exhibit "A"** (the "*Licensed Property*").

The County makes this grant solely to the extent of its right, title, and interest in the Licensed Property, without any express or implied warranties.

Licensee agrees that all construction and maintenance permitted by this Agreement will be done in compliance with the terms and conditions of this Agreement and all applicable County, State, and/or Federal ordinances, laws, and regulations existing at the time the construction and maintenance is performed.

II. NO ANNUAL FEE

The County, its governing body, and its respective successors and assigns agree that no annual fee will be assessed for the license and permission herein granted to Licensee. Licensee agrees that the County's permission and grant of a license hereunder and Licensee's ability to construct and obligation to thereafter maintain Licensee's Improvements on the Licensed Property serve as consideration to support this Agreement.

III. COUNTY'S RIGHTS TO LICENSED PROPERTY

This Agreement is expressly subject and subordinate to the present and future rights of the County and its successors, assigns, lessees, grantees and licensees to construct, install, establish, maintain, use, operate, and renew any public utilities facilities, franchised public utilities, roadways, or streets on, beneath, or above the surface of the Licensed Property.

Irrigation operation that is deemed detrimental to the County's infrastructure will be corrected by Licensee within 30 days of receipt of written notice from the County. The cost of all adjustments will be at the sole expense of Licensee. If, after 30 days from the initial notice of detrimental irrigation operations, the County Engineer determines the operations remain unsatisfactory, the irrigation in question within the Licensed Property will be terminated to the extent required by the County Engineer at the sole expense of Licensee. Any signage and sign supports must be approved by the County prior to the initiation of construction of the signage.

Nothing in this Agreement will be construed to limit, in any way, the power of the County to widen, alter, or improve the Licensed Property pursuant to official action by the governing body of the County or its successors. The County does, however, agree to give Licensee at least thirty (30) days' written notice of such action and will cooperate with Licensee to effect the relocation and/or removal of Licensee's Improvements, at Licensee's sole cost, in the event of such widening, altering, or improvement of the Licensed Property, and further, to cooperate with Licensee, wherever possible, to effect such widening, altering, or improving of the Licensed Property so that Licensee's Improvements and operations on the Licensed Property will not be materially affected thereby.

Notwithstanding any provision in this Agreement to the contrary, the County retains the right to enter upon the Licensed Property at any time without notice to Licensee, assuming no obligation to Licensee, and remove, without liability to Licensee, any of the Licensee's Improvements whenever such removal is deemed necessary for: (a) exercising the County's rights or duties with respect to the Licensed Property; (b) protecting persons or property; or (c) protecting the public health or safety with respect to the Licensed Property.

IV. INSURANCE

Licensee will, at its sole expense, obtain and maintain during the term of this Agreement general liability insurance coverage, written by a company acceptable to the County and licensed to do business in Texas or by the Texas Municipal League Intergovernmental Risk Pool, with a combined single limit of not less than Five Hundred Thousand and No/100s Dollars ($500,000.00), which coverage may be provided in the form of a rider and/or endorsement to a previously existing insurance policy. Such insurance coverage must specifically name the County as an additional insured and cover all perils arising from the activities of Licensee, its officers, directors, employees, agents, or contractors relating to the Licensed Property. Licensee will be responsible for any deductibles stated in the policy. A true copy of each instrument effecting such coverage must be delivered to the County on or before the Effective Date defined on the initial signature page hereto.

So long as Licensee is using the Licensed Property, Licensee will not cause such insurance to be canceled nor permit such insurance to lapse. A renewal or replacement policy or coverage must be provided by Licensee prior to the termination of any then-existing policy or coverage.

V. INDEMNIFICATION

A. INDEMNIFICATION - EMPLOYEE PERSONAL INJURY CLAIMS. TO THE FULLEST EXTENT PERMITTED BY LAW, LICENSEE WILL INDEMNIFY, DEFEND (WITH COUNSEL REASONABLY ACCEPTABLE TO THE COUNTY), AND HOLD HARMLESS THE COUNTY, AND THE COUNTY'S EMPLOYEES, AGENTS, REPRESENTATIVES, AND OFFICERS (COLLECTIVELY, THE "*INDEMNITEES*") AND WILL ASSUME ENTIRE RESPONSIBILITY AND LIABILITY (OTHER THAN AS A RESULT OF THE COUNTY'S GROSS NEGLIGENCE OR WILLFUL MISCONDUCT) FOR ANY CLAIM OR ACTION BASED ON OR ARISING OUT OF THE PERSONAL INJURY, OR DEATH, OF ANY EMPLOYEE OF LICENSEE, OR OF ANY CONTRACTOR OF LICENSEE, OR OF ANY OTHER ENTITY FOR WHOSE ACTS THEY MAY BE LIABLE, WHICH OCCURRED OR WAS ALLEGED TO HAVE OCCURRED IN CONNECTION WITH LICENSEE'S IMPROVEMENTS ON THE LICENSED PROPERTY. TO THE FULLEST EXTENT PERMITTED BY LAW, LICENSEE HEREBY INDEMNIFIES THE INDEMNITEES.

B. INDEMNIFICATION - OTHER THAN EMPLOYEE PERSONAL INJURY CLAIMS. TO THE FULLEST EXTENT PERMITTED BY LAW, LICENSEE WILL INDEMNIFY, DEFEND (WITH COUNSEL REASONABLY ACCEPTABLE TO THE COUNTY), AND HOLD HARMLESS THE INDEMNITEES FROM AND AGAINST CLAIMS, DAMAGES, LOSSES AND EXPENSES, INCLUDING BUT NOT LIMITED TO ATTORNEYS' FEES, ARISING OUT OF OR ALLEGED TO BE RESULTING FROM THE PERFORMANCE OF THIS AGREEMENT OR THE WORK DESCRIBED HEREIN, TO THE EXTENT CAUSED BY THE NEGLIGENCE, ACTS, ERRORS, OR OMISSIONS OF LICENSEE OR ITS CONTRACTORS, ANYONE EMPLOYED BY THEM, OR ANYONE FOR WHOSE ACTS THEY MAY BE LIABLE.

VI. CONDITIONS

A. Licensee's Responsibilities. Licensee will be responsible for any damage to and/or for the relocation of Licensee's Improvements on the Licensed Property. Further, Licensee will reimburse the County for all costs of replacing or repairing any property of the County that is damaged or destroyed as a result of work authorized under this Agreement by, or on behalf of, Licensee.

B. Maintenance. Licensee will maintain the Licensed Property and Licensee's Improvements by keeping the area free of debris and litter. If Licensee abandons or fails to maintain the Licensed Property, and the County receives no substantive response within thirty (30) days following written notification to Licensee, then the County may remove and/or replace all of Licensee's Improvements.

C. Default. In the event that Licensee fails to maintain the Licensed Property or otherwise comply with the terms or conditions as set forth herein, then the County may give Licensee written notice thereof, by registered or certified mail, return receipt requested, to the address set forth below. Licensee will have thirty (30) days from the date of receipt of such notice to take action to remedy the failure complained of and, if Licensee does not remedy the same to the County's complete satisfaction within the thirty (30)-day period, the County may, in addition to other remedies available herein or by law to the County, (1) perform the work, (2) contract for the completion of the work, or (3) terminate this Agreement. Licensee agrees to pay, within thirty (30) days of written demand by the County, all costs and expenses reasonably incurred by the County in completing the work or contracting for the work to be completed.

VII. COMMENCEMENT: TERMINATION BY ABANDONMENT

This Agreement will begin on the Effective Date set forth above the signature of the parties herein below, and continue thereafter for so long as the Licensed Property is used for the purposes set forth herein or until this Agreement is terminated according to the terms hereof. If Licensee abandons the use of all or any part of the Licensed Property for the purposes set forth in this Agreement, then this Agreement, as to such portion or portions abandoned, will expire and terminate following thirty (30) days' written notice to Licensee. If such abandonment has not been remedied by Licensee within such period, the County will thereafter have the same complete title to the Licensed Property so abandoned as though this Agreement had never been made and will have the right to enter on the Licensed Property so abandoned and terminate the rights of Licensee, its successors and assigns hereunder, with respect to the abandoned Licensed Property. All installations of Licensee's Improvements on Licensed Property abandoned by Licensee that are not removed prior to the County's termination of the license as to such Licensed Property will be deemed the property of the County as of the effective date of the County's termination.

VIII. TERMINATION

A. Termination by Licensee. This Agreement may be terminated by Licensee as to all or any portion of the Licensed Property by delivering written notice of termination to the County not later than thirty (30) days before the effective date of termination. If Licensee so terminates, then Licensee will, within the thirty (30)-day notice period, remove Licensee's Improvements from the portion of the Licensed Property as to which this Agreement is being terminated. Any of Licensee's Improvements within the portion of the Licensed Property as to which this Agreement is being terminated that are not removed within said period will become the property of the County. Licensee agrees that Licensee will be liable to the County for any damages caused to the Licensed Property by the removal of Licensee's Improvements.

B. Termination by County. This Agreement may be revoked and terminated in whole or in part at any time by resolution of the Williamson County Commissioners Court if such revocation and termination is reasonably required by the public interest (as hereinafter set forth), upon thirty (30) days' written notice to Licensee.

Subject to prior written notification to Licensee or its successors-in-interest, this Agreement is revocable by the County and deemed to be required by the public interest if:

(1) the Licensee's Improvements, or a portion of them, interfere with the County's right-of-way;

(2) use of the Licensed Property becomes necessary for a public purpose;

(3) the Licensee's Improvements, or a portion of them, constitute a danger to the public which the County deems, in its sole discretion, not to be remediable by alteration or maintenance of such improvements;

(4) despite thirty (30) days' written notice to Licensee, any maintenance or alteration necessary to alleviate a danger to the public has not been made; or

(5) Licensee fails to comply with the terms and conditions of this Agreement including, but not limited to, any insurance requirements specified herein.

IX. MISCELLANEOUS PROVISIONS

A. Venue and Governing Law. Each party to this Agreement hereby agrees and acknowledges that venue and jurisdiction of any suit, right, or cause of action arising out of or in connection with this Agreement will lie exclusively in Williamson County, Texas. Furthermore, this Agreement will be governed by and construed in accordance with the laws of the State of Texas, excluding, however, its choice of law rules.

B. Severability. If any provision of this Agreement are held invalid or unenforceable by any court of competent jurisdiction, such holding will not invalidate or render unenforceable any other provision hereof, but rather this entire Agreement will be construed as if not containing the particular invalid or unenforceable provision or provisions, and the rights and obligation of the parties will be construed and enforced in accordance therewith. The parties acknowledge that if any provision of this Agreement is determined to be invalid or unenforceable, it is the desire and intention of each that such provision be reformed and

construed in such a manner that it will, to the maximum extent practicable, give effect to the intent of this Agreement and be deemed to be validated and enforceable.

C. Covenant Running With Land; Waiver of Default. This Agreement and all of the covenants herein will run with the land; therefore, the conditions set forth herein will inure to and bind each party's successors and assigns. Any party may waive any default of another at any time, without affecting or impairing any right arising from any subsequent or other default.

D. Assignment. Licensee will not assign, sublet, or transfer its interest in this Agreement without the written consent of the County, which consent will not be unreasonably withheld. In the event that the County agrees to Licensee's assignment of its interest in this Agreement and subject to the assignee's compliance with the insurance requirements set forth herein, Licensee will furnish to the County a copy of any such assignment or transfer of any of Licensee's rights in this Agreement, including the name, date, address, and contact person.

E. Notices. All notices, demands, and requests for delivery of documents or information hereunder must be in writing and will be deemed to have been properly delivered and received as of the time of delivery if personally delivered, as of the time deposited in the mail system if sent by United States certified mail, return receipt requested, and postage prepaid, or as of the time of delivery to Federal Express (or comparable express delivery system) if sent by such method with all costs prepaid. All notices, demands, and requests hereunder will be addressed as follows or to such other addresses which a party may so designate by sending notice as aforesaid:

To the County at:

Williamson County Judge
Dan A. Gattis (or successor)
710 Main Street, Ste. 101
Georgetown, Texas 78626

with a copy to:

Williamson County Engineer
J. Terron Evertson, P.C. (or successor)
3151 S. E. Inner Loop, Suite B

To the District at:

Sonterra Municipal Utility District
c/o Armbrust & Brown, PLLC
Attn: Sue Brooks Littlefield
100 Congress Avenue, Suite 1300
Austin, Texas 78701

F. No Third Party Beneficiaries. This Agreement is for the sole and exclusive benefit of the parties hereto, and nothing in this Agreement, express or implied, is intended to confer or will be construed as conferring upon any other person any rights, remedies or any other type or types of benefits.

G. Compliance with Laws. Each party to this Agreement will comply with all federal, state, and local laws, statutes, ordinances, rules, and regulations and the orders and decrees of any courts or administrative bodies or tribunals in any matter affecting the performance of this Agreement

H. Gender, Number and Headings. Words of any gender used in this Agreement will be held and construed to include any other gender, and words in the singular number will be held to include the plural, unless the context otherwise requires. The headings and section numbers are for convenience only and will not be considered in interpreting or construing this Agreement.

I. Construction. Each party to this Agreement acknowledges that it and its counsel have reviewed this Agreement and that the normal rules of construction are not applicable and there will be no presumption that any ambiguities will be resolved against the drafting party in the interpretation of this Agreement.

J. No Waiver of Immunities. Nothing in this Agreement will be deemed to waive, modify, or amend any legal defense available at law or in equity to the County or the District, or their respective past or present officers, employees, or agents, nor to create any legal rights or claim on behalf of any third party. Neither the County nor the District waives, modifies, or alters to any extent whatsoever the availability of the defense of governmental immunity under the laws of the State of Texas and of the United States.

K. Entire Agreement. This Agreement represents the entire and integrated Agreement between the parties hereto and supersedes all prior negotiations, representations, or agreements, either oral or written. This Agreement may be amended only by written instrument signed by each party to this Agreement. NO OFFICIAL, EMPLOYEE, AGENT, OR REPRESENTATIVE OF THE COUNTY HAS ANY AUTHORITY, EITHER EXPRESS OR IMPLIED, TO AMEND THIS AGREEMENT, EXCEPT PURSUANT TO SUCH EXPRESS AUTHORITY AS MAY BE GRANTED BY THE COUNTY COMMISSIONERS COURT.

L. Counterparts. This Agreement may be executed in multiple counterparts, each of which will be deemed an original and all of which together will constitute a single instrument.

[The remainder of this page has been intentionally left blank, and the signature page or pages follow.]

TERMS AND CONDITIONS ACCEPTED, this the _____ day of _____, 2018 (the "*Effective Date*").

COUNTY:

WILLIAMSON COUNTY, a political subdivision of the State of Texas

By:_____
Dan A. Gattis,
Williamson County Judge

Date:_____

THE STATE OF TEXAS §
§
COUNTY OF WILLIAMSON §

This instrument was acknowledged before me on this the _____ day of _____, 2018 by Dan A. Gattis, as County Judge of Williamson County, a political subdivision of the state of Texas, on behalf of said political subdivision.

_____
NOTARY PUBLIC, State of Texas

LICENSEE:

SONTERRA MUNICIPAL UTILITY DISTRICT, a political subdivision of the State of Texas

By:_____
John Faske, President
Board of Directors

Date: 5/21/2018

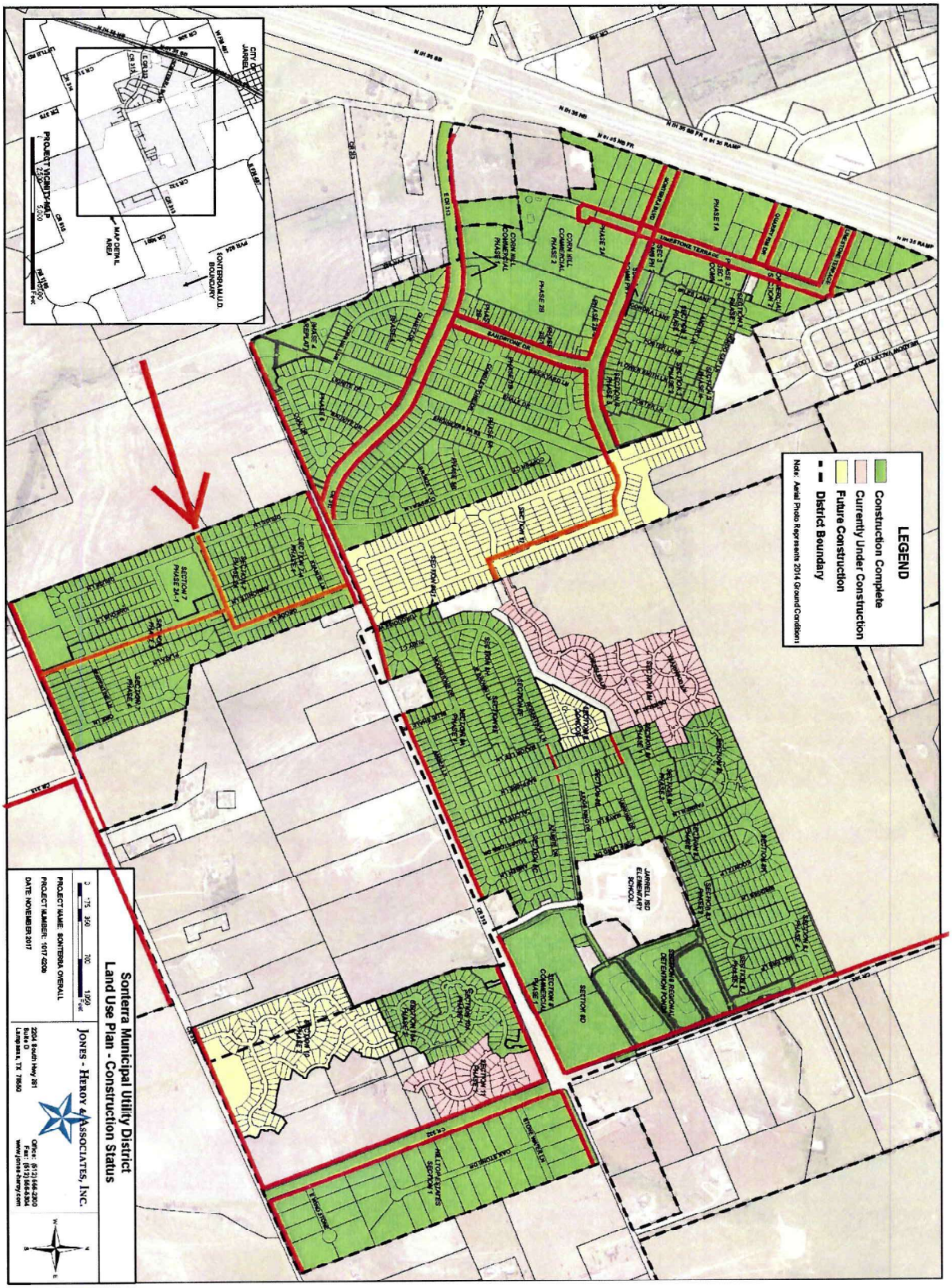
THE STATE OF TEXAS §
§
COUNTY OF WILLIAMSON §

This instrument was acknowledged before me on this the 21st day of May, 2018 by John Faske, President of SONTERRA MUNICIPAL UTILITY DISTRICT, a political subdivision of the state of Texas, on behalf of said political subdivision.

_____
NOTARY PUBLIC, State of Texas

SUE BROOKS LITTLEFIELD
NOTARY PUBLIC
ID# 543332-8
State of Texas
Comm. Exp. 05-24-2022

EXHIBIT "A"
LICENSED PROPERTY



Commissioners Court - Regular Session **41.**

Meeting Date: 06/19/2018

Memoradum of Understanding with the State of Texas

Submitted For: Jarred Thomas **Submitted By:** Jarred Thomas, Emergency Management

Department: Emergency Management

Agenda Category: Regular Agenda Items

Information

Agenda Item

Discuss, consider, and take appropriate action on the acceptance of the Memorandum of Understanding with the State of Texas regarding statewide radio interoperability.

Background

The State of Texas is requiring all jurisdictions to enter into this memorandum of understanding, establishing radio usage guidelines and authorization to operate on the statewide interoperability channels. This is most prevalent during disasters and times in which mutual aid from neighboring jurisdictions occurs.

Fiscal Impact

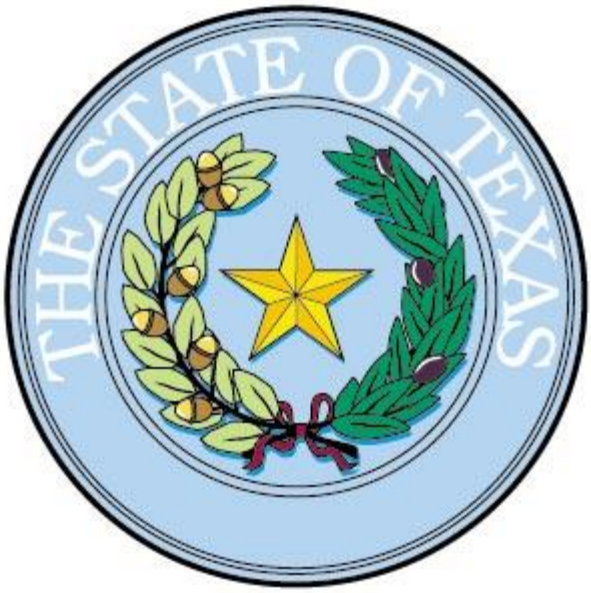
From/To	Acct No.	Description	Amount

Attachments

Memorandum of Understanding

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Wendy Coco	06/14/2018 08:37 AM
Form Started By: Jarred Thomas		Started On: 06/13/2018 04:45 PM
Final Approval Date: 06/14/2018		



Texas Statewide Interoperability Channel Plan

For FCC Designated Public Safety Interoperability Channels 150 MHz – 800 MHz Bands

Developed By

Texas Statewide Interoperability Executive Committee (TSIEC),

the Texas Interoperable Communications Coalition (TxICC), and

the Texas Department of Public Safety (TxDPS)

Revised January 2018 (Change #19)

RECORD OF CHANGES
Texas Statewide Interoperability Channel Plan

CHANGE #	DATE OF CHANGE	CHANGE	DATE ENTERED
Issued	04-1-2005	Initial Issue	04-1-2005
1	4-6-2005	Deleted “narrowband” from phrase “narrowband 800”, pg. 14.	4-6-2005
2	4-6-2005	Frequencies transposed in Figure 5, pgs. 15 & 30.	4-6-2005
3	4-6-2005	Deleted word “refarming” from “refarming order”, pgs. 15 & 30.	4-6-2005
4	9-7-2006	Corrected error in 700 MHz channel frequencies, pgs. 13-14, & 29.	9-7-2005
5	6-10-2007	General edit; simplify provision for encryption; add new/changed channel labels, clarify 1/1/2013 deadlines	6-10-2007
6	9-25-2007	Name of plan changed to add the word “Statewide”. General edit; Modified background note and text to require P25 NLT 1/1/2013; added tactical repeaters; dropped 700 MHz channels 1 MHz; changed 800 MHz NPSPAC channels by 15 MHz.	10-20-2007
7	01-22-2008	Corrected order of frequencies used in 8TAC95D and 8TAC96D. Extended transition date for P25 CAI digital until 1-1-2015. Changed VTAC17 and VTAC19 availability date to 7/1/2008.	01-22-2008
8	06-09-2008	Removed Texas Government Code Chapter 411.0105 (Public Safety Radio Communications Council)	06-09-2008
9	06-24-2008	Changed marine channel date due to FCC delay	06-24-2008
10	11-05-2008	Removed Marine channels from plan due to FCC rule amendments	11-05-2008
11	04-20-2009	Updated narrowbanding requirements for 1/1/2013	04-20-2009
12	08-31-11	Updated MOU language	08-31-11
13	03-06-12	Updated Modulation requirements, removed Digital P25 Requirements, Added Fed VHF Repeaters, Changed Channel Coordination to IC, Updated SWIC	03-06-2012
14	03-22-12	• Changed Texas Law 1 to TXCALL1D and Texas Law 2 to	03-22-12

		TXCALL2D • Added 'Office of the Texas SWIC' or 'TxICC' to SIEC references • Removed references to P25 compliance by 2015 • Added reference to compelling reason exception for P25 • Clarified wideband and narrowband for modulation and encryption • Added footnote about how to access additional VHF Repeater Channels in an emergency • Updated tables to ensure headings were consistent throughout • Created separator line for Repeater Base Configuration in Tables 2 and 5 • Separated Table 3 into two tables, changing the Tactical Repeater Configuration to Table 4 • Created a new Table 6 for Use within Border Area for Rebanding Border communications • Changed Emission Designator to 20K0F3E for 800 NPSPAC Interoperability Channels • Updated MOU language to clarify VFD signatures	
15	1-25-13	• Fixed Portable channel table on page 19/20 to properly show mobile and repeater channels	1-25-13
16	5-13-14	• Added Mobile Satellite Talkgroup, section 8 • Updated MOU to include MSAT • Added Statewide Radio ID Plan, section 9 • Added Acronym List, section 10 • Removed wideband and narrowband references • Updated table numbers to align with section numbers • Added VTAC17&17D	5-13-14
17	5-27-15	• Added recommended short list of VHF and 700 channels for programming • Added 7CALL70 and 7CALL70D channels • Added text that 700 MHz interoperability channels must always use P25 CAI digital conventional Modulation • Removed emission designators	5-27-15

		11K2G2E and 11K3F3E • Updated Station Class field in 700 MHZ and 800 MHz channel tables from FX1T/MO to FB2T/MO and FX1T to FBT for direct channels • Indicated which 700 MHz channels should not be used within 70 miles of the US / Mexico border	
18	12-07-17	• Updated Statewide Coordinated P25 Radio Unit Identification (ID) Plan guidance • Added new 700 MHz Air-to-Ground Channels • Added new UHF and VHF Federal Interoperability Channels • Added reminder: Fixed base repeaters as secondary use – all frequencies • Updated MOU to reflect new Air-to-Ground and Federal Interop Channels • Changed section headings to match with NIFOG color shading • Updated VHF and 800 MHz CTCSS tones in compliance with the NIFOG	12-07-17
19	1-29-18	• Updated Federal Agency table 4.4 with correct RX frequency • Updated FM emission for new Federal Agency channels from 11K25F3E to 11K2F3E (*note the emission is published in the NIFOG is incorrect) • Updated Federal Agency tables 4.5 and 5.3 to list CTCSS tones.	1-29-18

Texas Statewide Interoperability Channel Plan
For FCC Designated Public Safety Interoperability Channels 150 MHz – 800 MHz

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MEMORANDUM OF UNDERSTANDING
Texas Statewide Interoperability Channel Plan (TSICP)
(Original issue, April 1, 2005)

Texas Department of Public Safety

and the identified *Federal Agency, State Agency, Local Jurisdiction, or Emergency Service Organization*

Purpose

This Memorandum of Understanding (MOU) establishes permissions and guidelines for use of interoperability or mutual aid radio channels by:

- Local government jurisdictions and their associated emergency response agencies;
- State agencies in Texas and their associated emergency response organizations;
- Federal agency local units in Texas and their associated emergency response organizations,
- Local agency units in Texas and their associated emergency response organizations to use designated Federal interoperability channels, and;
- Private sector emergency response organizations licensed or otherwise entitled to operate in the Public Safety Pool as defined in Federal Communication Commission (FCC) Rules, Part 90 (47CFR, subpart B, paragraphs 90.15-90.20).

It imposes certain protocols, procedures, and obligations upon jurisdictions hereby authorized to use state-licensed radio channels held by the Texas Department of Public Safety (TxDPS).

This agreement supersedes any other previous versions of the MOU.

Authority

Execution of this agreement by state and local entities is authorized by Texas Government Code, Chapter 791 (local governments), Chapter 771 (state agencies), and Texas Government Code Chapter 411.0105 (Public Safety Radio Communications Council). This MOU satisfies FCC Part 90 rules for extending license privileges to others by agreement.

Federal agencies are permitted access to interoperability channels as authorized by the National Communications & Information Administration (NTIA) Manual, 47 CFR, Parts 2.102(c), 2.103; and 7.12. Federal agencies may execute this MOU and shall adhere to the attached guidelines.

Applicability

This MOU authorizes the use of certain radio frequencies by emergency response organizations as defined by the U.S. Department of Homeland Security's Office of Emergency Communications and the Texas Division of Emergency Management. Generally, this includes organizations in the following governmental disciplines:

Emergency Management	**Public Safety Communications**
Law Enforcement	**Public Health**
Fire Service	**Health Care**
Emergency Medical Services	**Hazardous Materials**
Public Works / Transportation	**Governmental Administration**

This MOU authorizes use of state-licensed frequencies for the purpose of coordination between emergency response agencies and resources. Such coordination may occur during interagency operations, en route travel, or on-incident communications in accordance with an Incident Communications Plan.

Background

The 77th Legislature, in an effort to provide for effective emergency radio communications by state agencies, called for an Interagency Radio Work Group (IRWG) to develop a state agency communications network. That group developed a preliminary plan that was accepted by the state IRWG and the Sheriffs' Association of Texas on March 27, 2001.

Subsequently, the IRWG determined that the state agency communications network should be expanded to include all public safety agencies in the state. This was accomplished by IRWG's development of the IRCIP of January, 2003.

In response to an FCC requirement for establishment of state / regional advisory committees, the Texas Interoperable Communications Coalition (TxICC) and the Texas Statewide Interoperable Communications Plan Executive Committee (SEC) were formally established as advisory committees to TxDPS.

The Texas Statewide Interoperability Channel Plan (TSICP), developed by the TxICC and included in this MOU, provides essential guidance for interoperable radio communications using VHF, UHF, 700 MHz, 800 MHz, and mobile satellite radio equipment for interagency coordination, en route travel, or on-incident communications.

Understandings

TxDPS will:

- Manage and maintain proper licenses for the use of the interoperability frequencies identified herein;
- Manage and maintain an accurate database of federal and state agencies and local government jurisdictions that have accepted and signed this MOU, and;
- Issue updates and revisions to the TSICP contained herein, upon request by the TxICC and the Director of the TxDPS.

Jurisdiction will:

- Participate in regional communications planning (generally arranged by a regional Council of Governments) that provides for regional radio communications interoperability.

- Manage use of the interoperability frequencies by its employees, ensuring compliance with the TSICP and federal / state / local laws, ordinances, and rules.

- Use the interoperability frequencies authorized hereby for their intended purpose of coordination between emergency response agencies and resources. Such coordination may occur during interagency operations, en route travel, or at the scene of an incident.

- Use the interoperability frequencies for operational and en route communications in accordance with local and regional policies and procedures.

- Use the interoperability frequencies for on-incident communications in accordance with the Incident Communications Plan established by the on-scene Incident Commander.

- Prioritize use of the interoperability frequencies:

    1. Emergency or urgent operation involving imminent danger to life or property;

    2. Disaster or extreme emergency operation requiring extensive interoperability and inter-agency communications;

    3. Special event, generally of a pre-planned nature;

    4. Joint training exercises, and

    5. Inter-agency and en route communications.

- Implement radio communications procedures consistent with the National Incident Management System (NIMS) and Incident Command System (ICS) including:

    - Use “plain language” without 10-codes or agency-specific codes/jargon;

    - Use the calling protocol: "Agency-Unit #, **this is** Agency-Unit #", rather than "Unit # **to** Unit #".

      Examples: ***"Bryan EMS 1605, this is Tyler Fire 2102"*** **or** ***"Incident Command, this is DPS 505”***

- Ensure that mobile, portable, and temporary base radios intended for use by agency leadership (officers) are configured with the appropriate in-band interoperability frequencies as found in the TSICP. This means that, as a minimum, the interoperable frequencies would be added to the day-to-day frequencies used by that entity.

- Ensure that interoperability calling channels are monitored at the Incident Command Post on major incidents requiring significant aid from agencies beyond routine local interoperability. Monitoring shall include one or more of the following:

CALLING CHANNEL NAME	USE
VCALL10	Analog VHF Calling Channel
UCALL40	Analog UHF Calling Channel
7CALL50	Digital P25 700 MHz Calling Channel
8CALL90	Analog National Calling Channel

Incident Command Post monitoring may be implemented using cross-band repeaters, communications operator console patching, or VHF/UHF/700/800 MHz fixed or mobile gateway.

It is suggested that the band-relevant interoperable call channel listed above be included in the 'home zone' used for day-to-day operations. This will enable radio users to easily turn to the interoperable channel on their mobile or portable radio when needed.

The parties mutually agree:

- Jurisdiction and TxDPS agree that their mutual interests will be furthered by continued coordination between the jurisdiction and the Office of the Texas Statewide Interoperability Coordinator (SWIC).

- Jurisdiction and TxDPS agree that this Memorandum of Understanding may be cancelled at any time, by written notice to the other party, or by subsequent agreements.

- Only one MOU per Jurisdiction or Governing Body is required to cover the departments and/or sub-agencies of each jurisdiction, as long as each department or sub-agency is listed on an accompanying attachment.

The attached *TSICP (Original Issue March 25, 2005)* is incorporated into this MOU in its entirety. The TSICP may be revised by TSICP Strategic Advisory Group (SAG) and TxDPS as needed, and revisions will be provided to Jurisdictions by TxDPS.

Should Jurisdiction elect to withdraw from this MOU because of TSICP revisions, notice shall be given by mail to:

Texas Department of Public Safety
Public Safety Communications Service
5805 N. Lamar Boulevard
Austin, TX 78752

Agreement

This Memorandum of Understanding was agreed to 1st day of May, 2018.
*Please **complete, sign, scan, and then email ***THIS PAGE ONLY*** as attached file to txswic@dps.texas.gov.*

WHO SHOULD EXECUTE THIS AGREEMENT**: **Each jurisdiction must individually sign this agreement.

- *An authorized representative of a City may sign for all public safety agencies in that city.*
- *A County may sign for volunteer fire departments (VFD) if the VFD is recognized in the county emergency management plan; however,*
- *A County CANNOT sign for all cities or other public safety agencies in the county that are not a part of county government since they are separate legal entities.*
- *A Council of Governments (COG) CANNOT sign for all jurisdictions within the COG.*

Compliance with this TSICP and the SCIP are required to receive grant funds for communications equipment. Agencies and programmers should verify the latest version of these documents are being referenced; they can be found at https://www.dps.texas.gov/LawEnforcementSupport/communications/interop/index.htm

FOR JURISDICTION

Jurisdiction Name: Williamson County

Authorized Signature: _____

Print Name: Dan Gattis

Title: County Judge

Jurisdiction Address: 710 South Main Ste. 101
Georgetown, TX 78626

Phone: (512) 943-1550 e-mail: dgattis@wilco.org

Indicate the NUMBER of mobile, portable, temporary base, and/or mobile relay radios to be operated under TxDPS licenses or MSAT Authorization. For Federal Entity Interop and 700 Air-to-Ground channels, please mark the appropriate box with a checkmark or "X" if these channels are programmed or if programming is planned for the future.

	Mobile	Portable	Temporary Base-Mobile Relay	Federal Entity Interop Channels	700 Air-to-Ground Channels
150 MHz	546	71	23		N/A
450 MHz	10	0	5		N/A
700 MHz	530	42	46	N/A	
800 MHz NPSPAC	783		784	N/A	N/A
Mobile Satellite (MSAT)	3	0	0	N/A	N/A

(This information is required by TxDPS as a condition of its licenses from the FCC.)

TEXAS DEPARTMENT OF PUBLIC SAFETY AUTHORIZED SIGNATURE

Signature: _____

Todd M. Early, Director Public Safety Communications Service
Texas DPS Law Enforcement Support Division, 5805 N. Lamar Boulevard, Austin, TX 78752

Phone: (512) 424-2121 Fax: (512) 424-2899 Todd.Early@dps.texas.gov

Background Note to Users of the Texas Statewide Interoperability Channel Plan

Nationwide, public safety communications is in a period of great change driven by FCC regulatory changes, new technology, and federal grant funding requirements.

Specifically:

- The Texas Interoperable Communications Coalition (TxICC) anticipates that all federal grants will soon require that grant funds be spent only for P25-compliant digital-capable equipment and advises all jurisdictions to purchase P25-compliant equipment.

    - Hurricane Katrina re-emphasized the need for common mutual aid/interoperability channels in public safety radios. Also highlighted was the need for all public safety radio users to have common labels for these channels. In response to the U.S. Congress and to U.S. Department of Homeland Security, a national ANSI standard has been established for use in all jurisdictions within the United States. http://www.npstc.org/download.jsp?tableId=37&column=217&id=17&file=11042-2017_CommonChannelNamingDocument.pdf . These names are reflected in this document.

- This Channel Plan is consistent with current regulatory requirements, technical standards, and grant guidelines as they are understood at the time of issue.

Texas Statewide Interoperability Channel Plan

For FCC Designated Public Safety Interoperability Channels 150 MHz–800 MHz

1. INTRODUCTION

This Channel Plan describes conditions and guidelines for use of state-licensed interoperability or mutual-aid radio channels by:

- Local government jurisdictions and their associated emergency response agencies;
- Federal agency offices in Texas and their associated emergency response organizations, and;
- Private emergency response organizations licensed or eligible to operate in the Public Safety Pool as defined in the Federal Communication Commission (FCC) Rules, Part 90, (47CFR, subpart B paragraphs 90.15-90.20). For further information on FCC public safety radio pool eligibility for statewide use of interoperability channels within Texas, see http://wireless.fcc.gov/publicsafety/pspool.html.

License privileges are extended to organizations that have executed an acceptable Memorandum of Understanding (MOU) with the Texas Department of Public Safety (TxDPS). These licenses provide for:

- Operation of VHF, UHF, 700 MHz band, and 800 MHz band radio equipment on interoperability or mutual aid channels within the boundaries of Texas;
- Operation of mobile, portable, temporary base, temporary repeater and temporary control station radios only. Fixed-base stations, such as dispatch points, PSAP's, etc., must be separately licensed by the jurisdiction, agency, or private emergency response organization, and
- Permanently-installed standby repeaters must be licensed separately.

By executing an acceptable MOU associated with this Texas Statewide Interoperability Channel Plan (TSICP), public safety entities may operate under existing FCC licenses issued to TxDPS:

Channel Band	FCC License
150 & 450 MHz	WQBC290
700MHz Narrowband	WPTZ776
[1]700 MHz Air-to-Ground	**TBD**
800 MHz NPSPAC	WPGV572
800 MHz Mutual Aid	WQDW771

[1] The 700MHz Air-to-Ground license is not yet official, thus the license information is listed as TBD. However, if an agency is reprogramming radios before the official license is obtained, they can include these channels now, but are not able to use them until the license is officially in place.

By signing this MOU, entities agree to only use the interoperability channels for the purposes outlined herein, and are NOT to be used for routine day-to-day dispatch operations.

2. GENERAL CONDITIONS FOR USE OF TEXAS DEPARTMENT OF PUBLIC SAFETY LICENSED INTEROPERABILITY CHANNELS

By executing the MOU associated with this TSICP, signatories agree to abide by the following general conditions:

2.1. Operational

- Interoperability calling channels and tactical channels should be programmed into all mobile, portable, and temporary base radios operated by signatory agencies and organizations. At a minimum, the channels should be programmed into all radios that can reasonably be expected to be operated by an agency or organization leadership (officers, incident commanders, etc.).

- Use of the interoperability channels shall be limited to their designated purpose of coordination between emergency response agencies, dispatchers, and resources in the field. Such coordination may occur during en route travel, during exercises, or on-incident.

- The interoperability channels are not to be used for routine dispatch operations, but may be used by dispatchers for communications with personnel in the field, in accordance with local and regional policies and procedures. The interoperability tactical channels may be used for day-to-day emergency operations in the absence of higher priority events.

- Use of the interoperability channels shall be prioritized as follows:

    1. Emergency or urgent operation involving imminent danger to life or property;

    2. Disaster or extreme emergency operation requiring extensive interoperability and inter-agency communications;

    3. Special event, generally of a pre-planned nature;

    4. Joint training exercises;

    5. Inter-agency and en route communications in accordance with local and regional policies and procedures; and

    6. Day-to-day tactical communications on scene.

- Use of the interoperability channels for on-incident communications shall be in accordance with an Incident Communications Plan established by the on-scene incident commander. The controlling agency for an incident shall, through its Incident Commander, assign and\or reassign interoperability channels for each operational period as required to support incident operations.

- Radio communications procedures on the interoperability channels must be consistent with the National Incident Management System (NIMS) and Incident Command System (ICS) and shall be implemented, specifically including:

    - Use “plain or commonly understood language” without 10-codes or agency-specific codes/jargon, and

    - Use the calling order "Agency-Unit #, this is Agency-Unit #" calling order, rather than "Unit # to Unit #".

      Example: "Bryan 1605 this is Tyler 2102" or "Incident Command this is DPS 505”

- Interoperability channels may be used only for voice traffic with the exception of specifically-identified data-only channels (see Tables 5.1 and 5.2). Paging, alert tones, and SCADA operations are not permitted on interoperability calling or tactical channels. Mobile data operations may be conducted on 700 MHz channels labeled for data in the tables. User-initiated telephone interconnect, e.g., phone patch, is not permitted on the interoperability channels.

- All mobile and portable radio equipment should employ a time-out timer set to limit transmission duration to a period of no greater than 120 seconds (2 minutes).

- To alleviate confusion, the standard channel names listed in this plan shall be used in all equipment to refer to individual channels. Previously used mutual-aid channel designations (Intercity, VTAC1, etc.), are no longer valid, and shall be removed from equipment in the field.

- Radios not capable of displaying alphanumeric channel labels should be placarded to indicate the channel names and their corresponding positions on the radio's channel selector switch.

2.2. Co-Channel and Adjacent Channel Interference

The statewide interoperability channels, Continuous Tone Coded Squelch System (CTCSS) tones, and Network Access Codes (NAC) are designated statewide under this plan and thus co-channel interference by/with other simultaneous incidents is possible. If effective radiated power (ERP) is limited to the minimum level required to maintain reliable communications at each incident, and given adequate geographic separation, coordinated co-channel operations at separate incidents and venues may be conducted successfully.

If interference to the interoperability channels from licensed users who are signatory to this plan occurs during an incident, those licensed users should consider their communications to be secondary to emergency interoperability traffic on the interoperability channels.

Co-channel and adjacent channel interference issues during an incident or event must be resolved by the on-scene designated COM-L. TxDPS should immediately be notified of interference to the interoperability channels in order to assist in resolution of the problem.

2.3. Calling Channels

Initial radio contact during travel to or arrival at an emergency incident may be established on an appropriate interoperability calling channel.

- **Calling channels designated as VCALL10, UCALL40, 7CALL50, and 8CALL90 are intended to provide for local and itinerant-user communications with local public safety dispatchers. TXCALL1D is designated as a mobile-to-mobile Calling Channel. TXCALL2D is designated as a Calling Channel for state and federal aircraft to/from a base station. It also will serve as a backup to VCALL10 for other applications.**

- Additionally, the calling channels may be used by responding emergency resources seeking to make contact with the Incident Command Post or staging area(s) at a large-scale incident.

- If a region (or an adjacent region) has jurisdictions that use VHF equipment, the channel VCALL10 should be continually monitored by appropriate dispatch points within the affected regions.

- If a region (or an adjacent region) has jurisdictions that use UHF equipment, the channel UCALL40 should be continually monitored by appropriate dispatch points within the affected regions.

- If a region (or an adjacent region) has jurisdictions that use 700 MHz band equipment, the channel 7CALL50 should be continually monitored by appropriate dispatch points within the affected regions.

- If a region (or an adjacent region) has jurisdictions that use 800 MHz equipment, the channel 8CALL90 should be continually monitored by appropriate dispatch points within the affected regions.

2.4. CTCSS Coded Squelch for VHF, UHF, and 800 MHz

CTCSS shall be used on the interoperability calling and tactical channels to mask interference, in accordance with the figures and dates listed in this plan.

The CTCSS tone of 156.7 Hz shall be used for all analog operation on VHF **simplex,** all UHF, and 800 MHz interoperability channels (including fixed, temporary, mobile, and portable analog transmitters). For VHF **repeater** CTCSS and channel programming, see Table 4.4.

- CTCSS tone programming for VHF, UHF, and 800 MHz must be in compliance with the NIFOG version 1.6.1 and any subsequent revisions by **January 2020.**

- It is recommended that if the capability exists, a monitor button should be programmed to allow channel monitoring in open carrier squelch, per FCC Rules, Part 90.

Only the CTCSS tones identified in this channel plan are allowed on the interoperability channels within the state. These tones and codes shall not be changed nor others added by an individual agency, communications vendor, or maintenance service provider.

2.5. Modulation and Encryption

This plan identifies allowable modulation and encryption on calling and tactical channels:

- VHF/UHF Analog Modulation at 2.5 kHz is mandatory on all calling and tactical channels to facilitate interoperability with legacy radio equipment in the field.

- 800 MHz Calling Channels: Analog Modulation at 4 kHz is mandatory on all calling and tactical channels to facilitate interoperability with legacy radio equipment in the field.

- 700 MHz interoperability channels must always use P25 CAI digital conventional Modulation.

    - The TIA 102 standard is the Project 25 standard. The following list includes but is not all encompassing of proprietary formats that do not meet the TIA 102 P25 standard: NEXEDGE, IDAS, MOTOTRBO, TETRA, EDACS, OPENSKY, ASTRO 3600, and DMR.

- For occasional pre-planned events where communications security is an issue, encrypted P25 Phase 1 CAI modes are authorized on tactical channels. Specific encryption algorithms and encryption keys shall be as defined by the event COM-L.

2.6. Temporary Base and Repeater/Mobile Relay Stations

Temporary base stations and repeater/mobile relay stations are permitted by the MOU associated with this channel plan, with the following conditions or restrictions:

- Temporary base stations and temporary repeater/mobile relays antennas may not exceed 13.3 meters (40 feet) above terrain or structure.

- Temporary base stations and temporary repeater/mobile relays that are deployed under this plan may not exceed FCC licensed limitations:

	Transmitter Power	Effective Radiated Power (ERP)
o VHF	50	100
o UHF	100	200
o 700 MHz P25	35	35
o 800 MHz Temp Base	35	35
o 800 MHz Repeater	75	75

- Temporary base stations and repeater/mobile relay stations must incorporate automatic station identification, using the appropriate call sign(s) per FCC Rules, Part 90.

- Temporary base and repeater/mobile relay stations shall have a time-out timer limiting transmit duration to no greater than 120 seconds (2 minutes).

- Temporary base and repeater/mobile relay stations, when operating in the repeater mode, shall be configured to immediately drop transmit carrier upon cessation of input signal (no “hang

time"). Reasonable squelch hang time for weak received signals or signals that have achieved a critical bit error rate (BER) is permitted.

- Temporary base stations, repeaters or mobile relays must utilize manual switching or dedicated RF control links, wire line, microwave, fiber, or satellite circuits as a means of primary control. Interoperability channels shall not be enabled, disabled, or muted by any over-the-air signaling device (selective or dual-tone multi-frequency signaling, etc.) as a primary means of control.

- Temporary base and repeater/mobile relay stations shall not be left in permanent operation and must be disabled upon conclusion of an incident or exercise. Permanently installed Standby Repeaters, if identified in regional interoperability plans, must be separately licensed. Contact Texas DPS RF/Technical Services at 512-424-7134 for assistance.

- End-of-transmission "courtesy tones" or "beeps" are not allowed on any interoperability channel.

2.7. Conditions for Use of VHF and UHF Federal Entity Interoperability Channels

2.7.1. Requirements per the MOU between the State of Texas and the FCC

Consistent with Section 4.3.16 of the NTIA Manual, the Parties agree that they shall abide but the following conditions for the use of the Federal Interoperability Channels listed in tables 4.4 and 4.5 for VHF, and tables 5.2 and 5.3 for UHF of this TSICP:

1. These channels are available for use among Federal agencies and between Federal agencies and non-Federal entities with which Federal agencies have a requirement to operate.
2. These channels are available to non-Federal entities to enable joint Federal / non-Federal operations for law enforcement and incident response, subject to the condition that harmful interference will not be caused to Federal stations.
3. These channels are restricted to interoperability communications and are not authorized for routine or administrative uses as defined by the NTIA Manual.
4. Extended operations and congestion may lead to frequency conflicts. Coordination with NTIA (through sponsoring Federal agency) is required to resolve these conflicts.
5. Only narrowband emissions are to be used on the Federal Entity Interoperability Channels
6. This MOU does not authorize the provisioning or use of the frequencies listed in tables 4.4, 4.5, 5.2, and 5.3 in any permanent infrastructure.
7. Default operation should be carrier squelch receive, CTCSS 167.9 transmit. If the user can enable/disable CTCSS without reprogramming the radio, the indicated CTCSS tone also could be programmed for receive, and the user instructed on how and when to enable/disable.

Federal Agency Interoperability channels may NOT be used for State-to-State, State-to-Local, or Local-to-Local interoperability. A Federal entity must be involved when these channels are used.

2.7.2. Suggestions per the National Interoperability Field Operations Guide (NIFOG)

1. The "VHF Incident Response (IR) Federal Interoperability Channel Plan", the "UHF Incident Response (IR) Federal Interoperability Channel Plan", the "VHF Law

Enforcement (LE) Federal Interoperability Channel Plan", and the "UHF Law Enforcement (LE) Federal Interoperability Channel Plan" show frequencies available for use by all Federal agencies to satisfy law enforcement and public safety incident response interoperability requirements. These frequencies will be referred to hereinafter as "Federal Interoperability Channels".

2. **The Federal Interoperability Channels are available for use among Federal agencies and between Federal agencies and non-federal entities with which Federal agencies have a requirement to operate.**
3. The channels are available to non-federal entities to enable joint Federal/non-federal operations for law enforcement and incident response, subject to the condition that harmful interference will not be caused to Federal stations. These channels are restricted to interoperability communications and are not authorized for routine or administrative uses.
4. Extended operations and congestion may lead to frequency conflicts. Coordination with NTIA is required to resolve these conflicts.
5. Only narrowband emissions are to be used on the Federal Interoperability Channels.
6. Equipment used (transmitters and receivers) must meet the standards established in Section 5.3.5.2 of the NTIA Manual:
    a. T I A/E I A 603-B for narrowband analog;
    b. T I A TSB 102.CAAB-A for narrowband digital
7. A complete listing of conditions for use by Federal users can be found in Section 4.3.16 of the NTIA Manual.
8. Use of these frequencies within 75 miles of the Canadian border and 5 miles of the Mexican border require special coordination and in some cases will not be available for use.

Law Enforcement Plans

1. Frequencies 167.0875 MHz (Channel Name: LE A) and 414.0375 MHz (Channel Name: LE B) are designated as National Calling Channels for initial contact and will be identified in the radio as indicated in the Law Enforcement Federal Interoperability Channel Plans.
2. Initial contact communications will be established using narrowband analog FM emission (11K2F3E).
3. The interoperability channels will be identified in mobile and portable radios as indicated in the Law Enforcement Federal Interoperability Channel Plans with Continuous Tone-Controlled Squelch Systems (CTCSS) frequency 167.9 Hz and/or Network Access Code (NAC) \$68F (1679_{10}).

Incident Response Plans

1. Frequencies 169.5375 MHz (Channel Name: NC 1) (paired with 164.7125 MHz) and 410.2375 MHz (Channel Name: NC 2) (paired with 419.2375 MHz) are designated as the calling channels for initial contact and will be identified in the radio as indicated in the Incident Response Federal Interoperability Channel Plans.
2. Initial contact will be established using narrowband analog FM emission (11K2F3E).
3. To ensure access by stations from outside the normal area of operation, Continuous Tone-Controlled Squelch Systems (CTCSS) will not be used on the calling channels.
4. The interoperability channels will be identified in mobile and portable radios as indicated in the "VHF Incident Response (IR) Federal Interoperability Channel Plan" and the "UHF Incident Response (IR) Federal Interoperability Channel Plan".

3. TRUNKED RADIO SYSTEMS

3.1. Statewide Coordinated P25 Radio Unit ID Range Management Plan

WHAT:
The Statewide Coordinated P25 Radio Unit ID[2] Range Management Plan is an effort to coordinate the distribution of unique identifiers for P25 subscriber radios across the state of Texas. P25 IDs are assigned to create service for a subscriber on a P25 network. P25 subscribers come in a variety of forms, including portable handheld radios, mobile radios, consolettes, and console operator positions.

The Project 25 Standard defines just over 16 million unit IDs which can be used by any one system. For proper operation, subscriber devices MUST be using a UNIQUE identifier, which functions exactly like a telephone number. The Statewide Coordination Plan pre-allocates the IDs in blocks by COG, which can then be further subdivided as desired.

The Statewide Coordinated P25 Radio Unit ID Plan ONLY applies to the coordination of ID Ranges, and does not address, and is not intended to, coordinate, allocate, or otherwise control the activation or allocation of individual Radio IDs.

WHY:
The purpose of this initiative is to reduce duplication of IDs across the state so that each P25 subscriber and mobile ID has a unique identifier, and such that each user can use the assigned P25 Unit ID no matter where they are operating in the state.

The Agencies that have implemented this approach have experienced a number of benefits:

- **Allows Distributed Governance and Local Control Over ID Ranges** – The primary goal of this approach is to achieve both the benefits of centralized coordination, while allowing local and regional controls over range management.
- **Improved Disaster Response Times** – This method greatly simplifies the mechanisms for enabling First Responders to operate on different systems throughout the State, saving precious time during disaster response.
- **One ID per Radio** – System owners only need to track one Radio Unit ID per radio, which makes tracking and managing radios, users, and radio programming profiles (“codeplugs”) much easier.
- **Reduces Duplicate Radio Unit IDs** – Time and troubleshooting efforts are greatly reduced for radio system support teams.
- **Simplifies Management & Allocation** – Helps eliminate errors in assigning IDs because they are organized into the Radio Unit ID fleetmap[3] structure.
- **Easier to Connect Systems** – For systems that are already coordinated, this approach removes one of the significant obstacles to integrating systems, which is the need to coordinate and reprogram Radio Unit IDs in order to remove duplications.
- **Improves Recovery of Lost or Stolen radios, Reduces Security Risk** – Allows a lost, or stolen device to be disabled or inhibited across multiple networks increasing the likelihood of recovery and without worry of “disabling” an authorized local, radio subscriber unit.

[2] The term “ID” is an abbreviation for “Identifier” in P25, a term rarely used and so just “ID” is used here.
[3] In this instance, fleetmap refers to P25 Radio Unit ID fleetmaps.

- **Enables quick identification of a Home jurisdiction by ID Range** – Entities are able to determine the subscriber's jurisdiction by viewing the leading numbers of the P25 Unit ID because they are allocated by COG/Tribe/Jurisdiction.

HOW:
Some COGs have begun allocating ID ranges from within their allocated range at the 'million level,' further dividing their range by creating ranges for counties and cities, as desired.

COGs that share an allocated 'million level' range with other COGs must first coordinate to determine which COG will have which block of ID ranges within the 'million level' range.

Once the COG-level ID range is known, each COG can determine how they prefer to address ID range ownership and range management. To implement the Plan, points of contact at the COG and, in many cases, county level must be identified to manage the allocation of ID ranges.

Some regions may have one point of contact to own the range at the COG level and manage all IDs that are assigned to agencies across the COG. In other areas, there may be multiple range owners within the geography range of the COG – at the county, city, and agency levels.

The graphic below is **only an example** to illustrate the concept of ID allocation beginning at the 'million level' range down to the agency level. This illustration uses a shorthand nomenclature; examples are shown at right.



"7M" = 7000000 – 7999999
"788" = 7880001 – 7889999

While the concept of dividing and allocating an ID range seems relatively simple, there needs to be strict attention to detail and specific tracking of ID range assignments to ensure successful ID range allocations. There are numerous real world scenarios where ID range assignments were not carefully managed and extensive problems arose, from both a financial perspective and the level of effort to repair the problems.

To prevent this from happening in other areas, tools are being developed to assist entities in allocating and managing ID ranges and to determine the appropriate point of contact to obtain a range of IDs. These tools will be made available at:
www.dps.texas.gov/LawEnforcementSupport/communications/interop/

WHEN:
The State has not established a deadline for migration to coordinated ID range management. For existing radios using uncoordinated IDs, the change requires radio reprogramming. Because it is understood that radios across the state may not be able to be reprogrammed immediately, it is strongly encouraged that entities reprogram radios with new IDs as their radios are programmed for other or additional reasons.

As radios are reprogrammed, it is EXTREMELY important that the entity reprogramming the radios obtain the latest version of the TSICP and verify if any necessary channel programming updates must be made to be in compliance with the TSICP. **Grant funding is evaluated based upon verification of radio programming compliance with the TSICP, including compliance with the Statewide Coordinated P25 Radio Unit ID Range Management Plan.**

The table below shows the allocation of Statewide Coordinated P25 Radio Unit IDs at the millions level or "M" ranges. The M range indicates the leading one or two digits and are allocated as below, as of the publication date of this document. A brief description of each range and an explanation of the acronyms is provided following the table.

Table 3.1: Statewide Coordinated P25 Radio Unit IDs – Current Range Allocations

Range Abbreviation	P25 UNIT ID RANGE		Allocation
	Low	High	
Legacy (0M)	*0000001*	*0999999*	*uncoordinated*
1M	1000000	1999999	HGAC, TxWARN
2M	2000000	2999999	TxWARN, HGAC, BVCOG / BVWACS, ETMC, MTA
3M	3000000	3999999	DETCOG, ETCOG, SETRPC
4M	4000000	4999999	Unallocated
5M	5000000	5999999	TxDPS, State, Tribal & Federal Agencies
6M	6000000	6999999	AACOG, CBCCOG
7M	7000000	7999999	ATCOG, NCTCOG, CONNCT, TEXOMA, FWRRS
8M	8000000	8999999	LRGVDC, LCRA
9M	9000000	9999999	PBRPC, RGCG
10M	10000000	10999999	GATRRS, GCRPC, CAPCOG, CTCOG, HOTCOG
11M	11000000	11999999	STDC, MRGDC, GATRRS
12M	12000000	12999999	CVCOG, WTCOG, NORTEX

13M	13000000	13999999	Reserved for system level temporary usage (ISSI)
14M	14000000	14999999	PRPC, SPAG
15M	15000000	15999999	Unallocated
16M	16000000	16077700	Unallocated

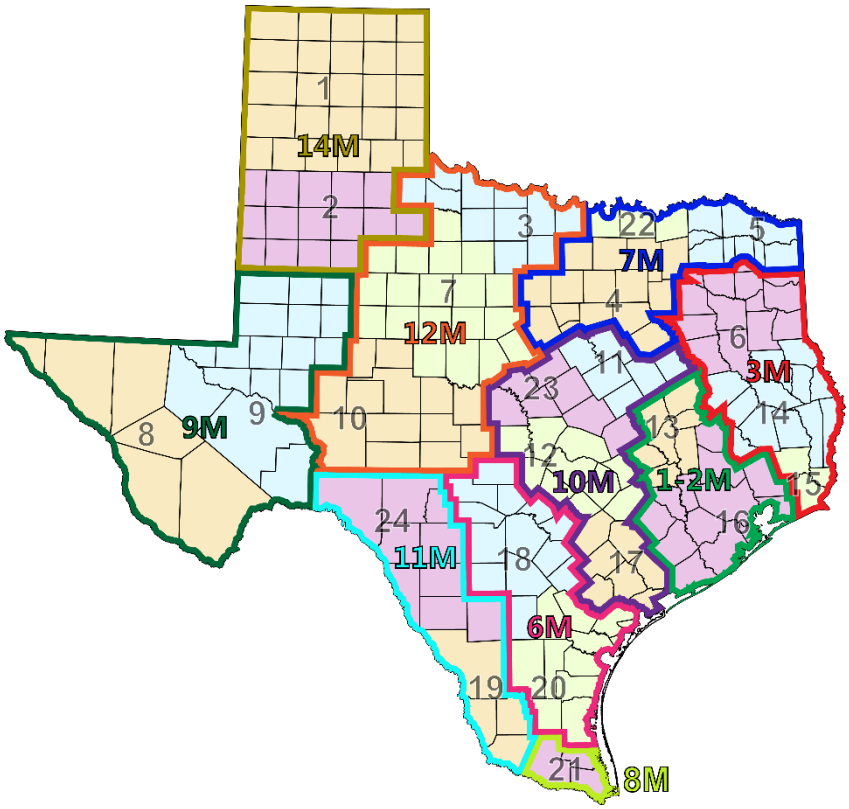
Range Allocation Descriptions

- **Legacy "0M"** – This is the range used by systems prior to or instead of the unique range allocation approach. These IDs are only 7 digits in length and lead with a "0" or null characters. This range is uncoordinated.
- **1M Range** – These IDs are used by the Harris County TxWARN system and are allocated to cities and counties in the Harris-Galveston Area Council (HGAC) COG. The range is fully allocated and in active use on TxWARN.
- **2M Range** – This range is used by the Brazos Valley Council of Governments (BVCOG), the Brazos Valley Wireless Access Communications System (BVWACS), the East Texas Medical Center (ETMC) and the Metropolitan Transit Authority (MTA). Some ranges are in active use on TxWARN.
- **3M Range** – The 3M IDs are allocated to the East Texas COG (ETCOG), Deep Texas COG (DETCOG) and South East Texas Regional Planning Commission (SETRPC).
- **5M Range** – Texas DPS manages this range which is allocated to TxDPS, other Texas State Agencies, Tribal Agencies, and Federal Agencies (all).
- **6M Range** – The 6M Range is allocated to the Alamo Area Council of Governments (AACOG), supporting the greater San Antonio region, and Coastal Bend COG, (CBCOG), supporting a vulnerable part of the Gulf Coast. Part of this allocation geographically overlaps with LCRA range 8M.
- **7M Range** – The 7M Range is allocated to the North Central region surrounding the Dallas/Fort Worth area, North Central Texas COG (NCTCOG), the Ark-Tex COG (ATCOG) and the Texoma Council of Governments (TEXOMA). Primary ID range and coordination is provided by the CONNCT consortium and the Fort Worth Regional Radio System (FWRRS).
- **8M Range** – The 8M range is allocated to the LCRA P25 system and the Lower Rio Grande Valley Development Council (LRGVDC).
- **9M Range** – The Rio Grande Council of Governments (RGCG) and Permian Basin Regional Planning Commission (PBRPC) have split this range into equal parts.
- **10M Range** – The 10M range begins the 8-digit IDs. The range has been allocated to the Central Texas COG (CTCOG), Heart of Texas COG (HOTCOG), Capital Area COG (CAPCOG), the Greater Austin Travis Regional Radio System (GATRRS), and the Golden Crescent Regional Planning Commission (GCRPC). Two counties, Karnes and Wilson from AACOG have also been allocated to this range.
- **11M Range** – The 11M range is allocated to the South Texas Development Council (STDC) and the Middle Rio Grande Development Council (MRGDC) with county by county allocations.
- **12M Range** – Concho Valley COG (CVCOG), Nortex Regional Planning Commission (NORTEX) and West Central Texas COG (WCTCOG)

- **13M Range** – For temporary system use, including ISSI roaming.
- **14M Range** – The 14M range is allocated to the northern parts of the state, accommodating the Panhandle Regional Planning Commission (PRPC) and the South Plains Association of Governments (SPAG).

  Note: The 4M, 13M, 15M and 16M ranges remain unallocated.

Coordinated P25 ID Allocations by COG



Notes & Assumptions

The following notes and assumptions are provided to explain the source and status of the Current Range table presented below.

- **Process Applies to ID Range Allocations** – This process has been developed to coordinate the assignment of the ID Ranges, rather than the activation of IDs into a device for operation on P25 Network(s).
  - Many system owners provide and support both functions
  - Only system owners can authorize operation/Unit ID activations
- **Subject to Change** – The range allocations will be updated and further defined by various stakeholder entities. Please contact the Texas SWIC Office for most current view.
- **Levels of Implementation Varies** – Some ranges are fully implemented and support thousands of operating radios, some ranges have not been implemented beyond this allocation document.
- **Please Submit Corrections & Suggestions** – Should you have a need for a range allocation or you have an update to this suggested approach, please contact the Texas SWIC Office.

4. VHF 150 MHz Channels – SPECIFIC GUIDELINES

The VHF channels described in Table 4.2 are licensed for simplex or half-duplex operation as indicated. These may be used in accordance with regional interoperability plans. Table 4.1 includes the recommended "short list" of VHF interoperable channels.

All channels may be used in conjunction with a temporary patch or temporary gateway connection, provided that they do not cause interference. **None of the interoperability channels may be used for routine dispatch operations.**

Note the following:

- Table 4.1 outlines the recommended short list of VHF channels that all Texas public safety agencies should program into their VHF capable radios. For radios with limited channel capacity, these channels may be the only ones programmed. For larger-capacity radios, it is recommended that these channels be programmed into the **first VHF** zone in the radio.
    - With larger channel capacity radios, where possible, it is also recommended that other VHF zones are populated in numerical order, regardless of discipline association. (e.g. VFIRE24, VFIRE25, VFIRE26, VMED28, VMED29, VLAW31, VLAW32, etc.)
    - Users should also be aware that even though some channels have a discipline associated with the name (LAW, FIRE, MED, etc.), ALL disciplines can still use those channels when specified by the COML or incident commander.
- The VHF interoperability channels VCALL10 through TXCALL2D are identified for interoperability use within Texas. The channel VCALL10 is designated by this plan as a multi-discipline, multi-agency public safety interoperability calling channel for all public safety agencies and other signatories to the MOU associated with this channel plan.
- The tactical channels, except where designed for use with state and federal aircraft ONLY, are identified by this plan as multi-discipline, multi-agency public safety interoperability tactical channels for all public safety agencies and other signatories to the MOU associated with this channel plan. The tactical channels may be used for day-to-day agency operations, secondary to users at higher priority incidents requiring interoperability. Additionally, these channels can only be used in the manner intended with this plan. Using them for local repeater inputs or outputs is not allowable.
- At large incidents, all of the tactical channels including those that are identified by discipline (Law, Fire, and Med) may be assigned by the on-incident commander as needed without regard to discipline.
- **VFIRE26 is designated for tactical Ground-to-Air/Air-to-Ground communications with State and Federal aircraft ONLY.**
- **VMED28, in addition to being a medical tactical and mutual aid channel, is also designated for Ground-to-Air communications with EMS helicopters and other aircraft that may be assigned to an incident or event.**

- TXCALL1D will be used as a calling channel for mobile-to-mobile applications. This will provide a common channel for an interagency/inter-discipline mobile to call another mobile, especially while in travel status. It is recommended for all VHF mobile radios to have this calling channel programmed into them and have the ability to be monitored while in scan mode.

- TXCALL2D is designated as a Calling Channel for state and federal aircraft to/from a base station.

- Mobile Command Posts (MCPs) should monitor VCALL10 at all times when in Operation. They should have equipment to transmit and receive all VHF interoperable simplex and repeater channels.

- National standards for interoperability channel names have been adopted so that all public safety equipment has s a common naming convention. In accordance with APCO/NPSTC 1.104.2-2017, these labels are listed in the Tables below and all participating agencies must use these labels.

- Federal agency channels identified in tables 4.4 and 4.5 should only be used per the guidelines listed in pages 18 – 19 of this document.

Table 4.1: Recommended Short List of VHF Interoperability Channels for Texas Public Safety Agencies

- To enable efficient and effective use of interoperability channels when multiple disciplines and jurisdictions respond to an incident, it is recommended that this short list of channels be the first channels programmed into VHF radios.
- For agencies with radios that are limited to 16 channels, these may be the only channels programmed.
- For radios with larger channel capacity, it is recommended that these 16 channels be programmed into the first VHF zone, and the channels on the following tables to be programmed in remaining available zones.

Ch #	Label (Channel Name / Trunked Radio System Talkgroup)	RX Freq	RX Tone/NAC	TX Freq	TX Tone/NAC	Mode (A, D, M)	Use
1	VCALL10	155.7525	156.7	155.7525	156.7	A	Calling Channel
2	VTAC11	151.1375	156.7	151.1375	156.7	A	Generic Public Safety Tactical
3	VTAC12	154.4525	156.7	154.4525	156.7	A	Generic Public Safety Tactical
4	VTAC13	158.7375	156.7	158.7375	156.7	A	Generic Public Safety Tactical
5	VTAC14	159.4725	156.7	159.4725	156.7	A	Generic Public Safety Tactical
6	VFIRE21	154.2800	156.7	154.2800	156.7	A	Fire Tactical
7	VFIRE22	154.2650	156.7	154.2650	156.7	A	Fire Tactical
8	VFIRE23	154.2950	156.7	154.2950	156.7	A	Fire Tactical
9	VFIRE26	154.3025	156.7	154.3025	156.7	A	Fire Tactical and Air-to-Ground with State & Federal Aircraft ONLY
10	VMED28	155.3400	156.7	155.3400	156.7	A	Medical Tactical & Air-to-Ground with Medical Aircraft
11	VMED29	155.3475	156.7	155.3475	156.7	A	Medical Tactical
12	VLAW31	155.4750	156.7	155.4750	156.7	A	Law Enforcement Tactical
13	VLAW32	155.4825	156.7	155.4825	156.7	A	Law Enforcement Tactical
14	TXCALL1D	154.950	156.7	154.950	156.7	A	Generic Mobile Calling Channel
15	TXCALL2D	155.370	156.7	155.370	156.7	A	Flight-following and Air-to-Ground with State/Federal Aircraft ONLY
16	VTAC36	151.1375	156.7	159.4725	136.5	A	Generic Public Safety Repeater (Preferred 1 VHF)

Table 4.2: Complete list of VHF 150 MHz Simplex Interoperability Channels (12.5 kHz)

Emission Designator 11K2F3E

Mobile and Portable Configuration*					
Label	**Receive**	**Transmit**	**Station Class**	**CTCSS RX /TX**	**Use**
VCALL10	155.7525	155.7525	FBT / MO	156.7 / 156.7	Calling Channel
VTAC11	151.1375	151.1375	FBT / MO	156.7 / 156.7	Tactical Channel
VTAC12	154.4525	154.4525	FBT / MO	156.7 / 156.7	Tactical Channel
VTAC13	158.7375	158.7375	FBT / MO	156.7 / 156.7	Tactical Channel
VTAC14	159.4725	159.4725	FBT / MO	156.7 / 156.7	Tactical Channel
VTAC17[4]	161.8500	157.2500	FBT / MO	156.7 / 156.7	Tactical Channel
VTAC17D[5]	161.8500	161.8500	FBT / MO	156.7 / 156.7	Tactical Channel
VFIRE21	154.2800	154.2800	FBT / MO	156.7 / 156.7	Tactical Channel
VFIRE22	154.2650	154.2650	FBT / MO	156.7 / 156.7	Tactical Channel
VFIRE23	154.2950	154.2950	FBT / MO	156.7 / 156.7	Tactical Channel
VFIRE24	154.2725	154.2725	FBT / MO	156.7/ 156.7	Tactical Channel
VFIRE25	154.2875	154.2875	FBT / MO	156.7 / 156.7	Tactical Channel
VFIRE26	154.3025	154.3025	FBT / MO	156.7 / 156.7	Tactical Channel (for Air-to-Ground with state/federal Aircraft ONLY)
VMED28	155.3400	155.3400	FBT / MO	156.7 / 156.7	Tactical Channel (and for Air-to-Ground use)
VMED29	155.3475	155.3475	FBT / MO	156.7 / 156.7	Tactical Channel
VLAW31	155.4750	155.4750	FBT / MO	156.7 / 156.7	Tactical Channel
VLAW32	155.4825	155.4825	FBT / MO	156.7 / 156.7	Tactical Channel
TXCALL1D	154.9500	154.9500	FBT / MO	**156.7 / 156.7**	Mobile-to-Mobile Calling Channel
TXCALL2D	155.3700	155.3700	FBT / MO	**156.7 / 156.7**	Primary: Flight following between State and Federal aircraft. Secondary: Air-to-Ground for State/Federal Aircraft

[4] **Allowable use for VTAC17 and VTAC17D:** Base stations: 50 watts max, antenna HAAT 400 feet max. Mobile stations: 20 watts max, antenna HAAT 15 feet max. These channels are for tactical use and may not be operated on board aircraft in flight. These channels use narrowband FM and are available only in certain inland areas at least 100 miles from a major waterway. These channels use the same frequencies as VHF Marine channel 25, which uses wideband FM. Use only in authorized counties listed below. In these authorized areas, interoperability communications have priority over grandfathered public coast and public safety licensees.

[5] **VTAC17 and VTAC17D may ONLY be used in the following counties:** Andrews Armstrong Bailey Borden Brewster Briscoe Callahan Carson Castro Childress Cochran Coke Collingsworth Concho Cottle Crane Crockett Crosby Culberson Dallam Dawson Deaf Dickens Donley Ector Edwards El Paso Fisher Floyd Gaines Garza Glasscock Gray Hale Hall Hansford Hartley Haskell Hockley Howard Hudspeth Hutchinson Irion Jeff Davis Jones Kent Kimble King Kinney Knox Lamb Lipscomb Loving Lubbock Lynn Martin McCulloch Menard Midland Mitchell Moore Motley Nolan Ochiltree Oldham Parmer Pecos Potter Presidio Randall Reagan Reeves Roberts Runnels Schleicher Scurry Sherman Sterling Stonewall Sutton Swisher Taylor Terrell Terry Tom Green Upton Val Verde Ward Wheeler Winkler Yoakum **(extracted from the National Interoperability Field Operations Guide** https://www.dhs.gov/national-interoperability-field-operations-guide)

Table 4.3: VHF 150 MHz Repeater Pair Interoperability Channel Configuration (12.5 kHz)[6][7]

Emission Designator 11K2F3E

When assigning repeater channels, be aware that the VTAC33-38 repeater pairs are made up of various combinations of the simplex channels VTAC11, VTAC12, VTAC13 and VTAC14. Attention must be given to avoid assigning overlapping repeater channels and those simplex channels on the same incident or nearby incident.

CTCSS tone programming for VHF frequencies must be in compliance with the NIFOG version 1.6.1 and any subsequent revisions by January 2020.

Label	Receive	Transmit	Station Class	CTCSS RX /TX	Use
NOTE: The sub-audible tones of the following are different from simplex programming!					
Mobile and Portable Configuration					
VTAC33	159.4725	151.1375	FBT / MO	**156.7 / 136.5**	Tactical Repeater **Secondary 1**
VTAC34	158.7375	154.4525	FBT / MO	**156.7 / 136.5**	Tactical Repeater **Secondary 2**
VTAC35	159.4725	158.7375	FBT / MO	**156.7/ 136.5**	Tactical Repeater **Secondary 3**
VTAC36[8]	151.1375	159.4725	FBT / MO	**156.7 / 136.5**	Tactical Repeater **Preferred 1**
VTAC37	154.4525	158.7375	FBT / MO	**156.7 / 136.5**	Tactical Repeater **Preferred 2**
VTAC38	158.7375	159.4725	FBT / MO	**156.7 / 136.5**	Tactical Repeater **Preferred 3**
Repeater / Base Configuration					
VTAC33	151.1375	159.4725	FB2T	**136.5 / 156.7**	Tactical Repeater **Secondary 1**
VTAC34	154.4525	158.7375	FB2T	**136.5 / 156.7**	Tactical Repeater **Secondary 2**
VTAC35	158.7375	159.4725	FB2T	**136.5 / 156.7**	Tactical Repeater **Secondary 3**
VTAC36[8]	159.4725	151.1375	FB2T	**136.5 / 156.7**	Tactical Repeater **Preferred 1**
VTAC37	158.7375	154.4525	FB2T	**136.5 / 156.7**	Tactical Repeater **Preferred 2**
VTAC38	159.4725	158.7375	FB2T	**136.5 / 156.7**	Tactical Repeater **Preferred 3**

[6] VTAC33-38 recommended for deployable tactical repeater use only (FCC Station Class FB2T). VTAC36-38 are preferred; VTAC33-35 should be used only when necessary due to interference.

[7] In an emergency, additional Department of Defense VHF Repeater Channels (below 150.8 MHz) can be made available through coordination with the Communications Coordination Group (CCG). Please contact the CCG through your local Disaster District Committee. Alternate contact information is: ccg@dps.texas.gov and 512-424-2755.

[8] VTAC36 repeater pair is the preferred repeater configuration for usage in Texas.

NEW! Table 4.4: Federal Agency VHF Incident Response Interoperability Channels

Ch #	Label	RX Freq	RX Tone/NAC *	TX Freq	TX Tone/NAC	Mode (A, D, M)	Use
1	NC 1	169.5375	CSQ	164.7125	167.9	A	Incident Calling
2	IR 1	170.0125	CSQ	165.2500	167.9	A	Incident Command
3	IR 2	170.4125	CSQ	165.9625	167.9	A	Medical Evacuation Control
4	IR 3	170.6875	CSQ	166.5750	167.9	A	Logistics Control
5	IR 4	173.0375	CSQ	167.3250	167.9	A	Interagency Convoy
6	IR 5	169.5375	CSQ	169.5375	167.9	A	Incident Calling – Direct for NC 1
7	IR 6	170.0125	CSQ	170.0125	167.9	A	Incident Command – Direct for IR 1
8	IR 7	170.4125	CSQ	170.4125	167.9	A	Medical Evacuation Control – Direct for IR 2
9	IR 8	170.6875	CSQ	170.6875	167.9	A	Logistics Control – Direct for IR 3
10	IR 9	173.0375	CSQ	173.0375	167.9	A	Interagency Convoy – Direct for IR 4

Default operation should be carrier squelch receive, CTCSS 167.9 transmit. If the user can enable/disable CTCSS without reprogramming the radio, the indicated CTCSS tone also could be programmed for receive, and the user instructed how and when to enable/disable. All channels on this page are NARROWBAND only.

NEW! Table 4.5: Federal Agency VHF Law Enforcement Interoperability Channels

Ch #	Label	RX Freq	RX Tone/NAC *	TX Freq	TX Tone/NAC	Mode (A, D, M)	Use
1	LE A	167.0875	CSQ	167.0875	167.9 Tx, CSQ Rx	A	Calling
2	LE 1	167.0875	CSQ	162.0875	167.9 Tx, CSQ Rx	A	Tactical
3	LE 2	167.2500	$68F ($1679_{10}$)	162.2625	$68F ($1679_{10}$)	D	Tactical
4	LE 3	167.7500	$68F ($1679_{10}$)	162.8375	$68F ($1679_{10}$)	D	Tactical
5	LE 4	168.1125	$68F ($1679_{10}$)	163.2875	$68F ($1679_{10}$)	D	Tactical
6	LE 5	168.4625	$68F ($1679_{10}$)	163.4250	$68F ($1679_{10}$)	D	Tactical
7	LE 6	167.2500	$68F ($1679_{10}$)	167.2500	$68F ($1679_{10}$)	D	Tactical – Direct for LE2
8	LE 7	167.7500	$68F ($1679_{10}$)	167.7500	$68F ($1679_{10}$)	D	Tactical – Direct for LE3
9	LE 8	168.1125	$68F ($1679_{10}$)	168. 1125	$68F ($1679_{10}$)	D	Tactical – Direct for LE4
10	LE 9	168.4625	$68F ($1679_{10}$)	168.4625	$68F ($1679_{10}$)	D	Tactical – Direct for LE5

CTCSS on receive only if user selectable; else CSQ. **See "Conditions for Use of Federal Entity Interoperability Channels" on pages 18 – 19 of this document.** All channels on this page are NARROWBAND only.

5. UHF 450 MHz Channels – SPECIFIC GUIDELINES

The eight UHF channels described in Table 5.1 may be used in accordance with regional interoperability plans. However, users should recognize that in-coming resources from out-of-region may not yet be equipped with these channels.

All channels may be used in conjunction with a temporary patch or temporary gateway connection provided they do not cause interference. None of the interoperability channels may be used for routine dispatch operations. For UHF interoperability, the four repeater channels (with direct) described in Table 5.1 below will be used.

Note the following:

- The UHF interoperability channels UCALL40 through UTAC43 are identified for interoperability use within Texas. The channel UCALL40 is designated by this plan as a multi-discipline, multi-agency public safety interoperability calling channel for all public safety agencies and other signatories to the MOU associated with this channel plan.

- The tactical channels UTAC41 through UTAC43 are identified by this plan as multi-discipline, multi-agency public safety interoperability tactical channels for all public safety agencies and other signatories to the MOU associated with this channel plan. The tactical channels may be used as day-to-day emergency operations channels, secondary to users at higher priority incidents requiring interoperability. Additionally, these channels can only be used in the manner intended with this plan. Using them for local repeater inputs or outputs is not allowable.

- At large incidents, all tactical channels may be assigned by the on-incident commander as needed without regard to discipline.

- The channels UCALL40 and UCALL40D are designated as multi-discipline, multi-agency public safety interoperability calling channels for all public safety agencies and other signatories to the MOU associated with this channel plan.

- The UCALL40 channels are designated for interoperable UHF communications between mobile/portable radios and base stations, temporary base stations and incident commander.

- The tactical repeater channels UTAC41 – UTAC43 and talk-around channels UTAC41D-UTAC43D should be assigned by the incident commander.

- National standards for interoperability channel names have been adopted so that all public safety equipment has s a common naming convention. In accordance with APCO/NPSTC 1.104.2-2017, these labels are listed in Table 5.1 and all participating agencies must use these labels.

- Federal agency channels identified in tables 5.2 and 5.3 should only be used per the guidelines listed in pages 18 – 19 of this document.

Table 5.1: UHF 450 MHz Interoperability Channels (12.5 kHz)

Emission Designator 11K2F3E

CTCSS tone programming for UHF channels must be in compliance with the NIFOG version 1.6.1 and any subsequent revisions by **January 2020.**

Label	Receive	Transmit	Station Class	CTCSS RX/TX	Use
Mobile and Portable Configuration					
UCALL40	453.2125	458.2125	FB2T / MO	156.7 / 156.7	Calling Channel (Repeater)
UCALL40D	453.2125	453.2125	FBT / MO	156.7 / 156.7	Calling Channel (Direct)
UTAC41	453.4625	458.4625	FB2T / MO	156.7 / 156.7	Tactical Repeater Channel
UTAC41D	453.4625	453.4625	FBT / MO	156.7 / 156.7	Tactical Repeater (Direct)
UTAC42	453.7125	458.7125	FB2T / MO	156.7 / 156.7	Tactical Repeater Channel
UTAC42D	453.7125	453.7125	FBT / MO	156.7 / 156.7	Tactical Repeater (Direct)
UTAC43	453.8625	458.8625	FB2T / MO	156.7 / 156.7	Tactical Repeater Channel
UTAC43D	453.8625	453.8625	FBT / MO	156.7 / 156.7	Tactical Repeater (Direct)
Repeater / Base Configuration					
UCALL40	458.2125	453.2125	FB2T	156.7 / 156.7	Mobile Command Post Calling Channel Base
UTAC41	458.4625	453.4625	FB2T	156.7 / 156.7	Incident Temporary Repeater Channels
UTAC42	458.7125	453.7125	FB2T	156.7 / 156.7	Incident Temporary Repeater Channels
UTAC43	458.8625	453.8625	FB2T	156.7 / 156.7	Incident Temporary Repeater Channels

NEW! Table 5.2: Federal Agency UHF Incident Response Interoperability Channels

Ch #	Label	RX Freq	RX Tone/NAC	TX Freq	TX Tone/NAC	Mode (A, D, M)	Use
1	NC 2	410.2375	CSQ	419.2375	167.9	A	Incident Calling
2	IR 10	410.4375	CSQ	419.4375	167.9	A	Ad hoc assignment
3	IR 11	410.6375	CSQ	419.6375	167.9	A	Ad hoc assignment
4	IR 12	410.8375	CSQ	419.8375	167.9	A	SAR Incident Command
5	IR 13	413.1875	CSQ	413.1875	167.9	A	Ad hoc assignment
6	IR 14	413.2125	CSQ	413.2125	167.9	A	Interagency Convoy
7	IR 15	410.2375	CSQ	410.2375	167.9	A	Incident Calling – Direct for NC 2 Calling
8	IR 16	410.4375	CSQ	410.4375	167.9	A	Ad hoc assignment – Direct for IR 10
9	IR 17	410.6375	CSQ	410.6375	167.9	A	Ad hoc assignment – Direct for IR 11
10	IR 18	410.8375	CSQ	410.8375	167.9	A	SAR Incident Command - Direct for IR 12

Default operation should be carrier squelch receive, CTCSS 167.9 transmit. If the user can enable/disable CTCSS without reprogramming the radio, the indicated CTCSS tone also could be programmed for receive, and the user instructed how and when to enable/disable. All channels on this page are NARROWBAND only.

NEW! Table 5.3: Federal Agency UHF Law Enforcement Interoperability Channels

Ch #	Label	RX Freq	RX Tone/NAC*	TX Freq	TX Tone/NAC	Mode (A, D, M)	Use
1	LE B	414.0375	CSQ	414.0375	167.9	A	Calling
2	LE 10	409.9875	CSQ	418.9875	167.9	A	Tactical
3	LE 11	410.1875	$68F ($1679_{10}$)	419.1875	$68F ($1679_{10}$)	D	Tactical
4	LE 12	410.6125	$68F ($1679_{10}$)	419.6125	$68F ($1679_{10}$)	D	Tactical
5	LE 13	414.0625	$68F ($1679_{10}$)	414.0625	$68F ($1679_{10}$)	D	Tactical
6	LE 14	414.3125	$68F ($1679_{10}$)	414.3125	$68F ($1679_{10}$)	D	Tactical
7	LE 15	414.3375	$68F ($1679_{10}$)	414.3375	$68F ($1679_{10}$)	D	Tactical
8	LE 16	409.9875	$68F ($1679_{10}$)	409.9875	$68F ($1679_{10}$)	D	Tactical - Direct for LE 10 Analog
9	LE 17	410.1875	$68F ($1679_{10}$)	410. 1875	$68F ($1679_{10}$)	D	Tactical - Direct for LE 11
10	LE 18	410.6125	$68F ($1679_{10}$)	410.6125	$68F ($1679_{10}$)	D	Tactical - Direct for LE 12

CTCSS on receive only if user selectable; else CSQ. **See "Conditions for Use of Federal Entity Interoperability Channels" on pages 18 – 19 of this document.** All channels on this page are NARROWBAND only.

6. 700 MHz Channels – SPECIFIC GUIDELINES

For 700 MHz interoperability, the 32 repeater channels, with their associated 32 direct channels, are described in Table 6.1 below. Table 6.1 includes the corresponding Tactical Repeater Configuration. Table 6.1 includes the recommended "short list" of 700 MHz channels.

Note the following:

- 700 MHz interoperability channels are identified by the FCC for interoperability use within Texas. All fixed 700 MHz interoperable channel locations must be reviewed by the Office of the Texas SWIC prior to implantation. Some of these interoperable channels may already be licensed by multiple agencies for interoperability use throughout the state.

- All 700 MHz interoperability channels are to be used as multi-discipline, multi-agency public safety interoperability calling channels for all public safety agencies and other signatories to the MOU associated with this channel plan. These channels are designated for interoperable 700 MHz communications between mobile/portable radios and base stations, temporary base stations, and on-incident incident commander.

- Table 6.1 outlines the recommended short list of 700 MHz channels that all Texas public safety agencies should program in their 700 MHz capable radios. For radios with limited channel capacity, these channels may be the only ones programmed. For larger-capacity radios, it is recommended that these channels be programmed into the **first** 700MHz zone in the radio.

    - Where possible, it is also recommended that additional 700MHz zones are populated in numerical order, with Direct channels following their associated repeater channel, regardless of discipline association. (E.g. 7LAW62D,7FIRE63, 7FIRE63D, 7FIRE64, 7FIRE64D, 7MED65, 7MED65D)

        - Numerical order programming should continue through additional zones as local agencies are able and interested in programming all 700 MHz channels in their radios.

    - Users should also be aware that even though some channels have a discipline associated with the name (LAW, FIRE, MED, etc.), ALL disciplines can still use that channel when specified by the COML or incident commander.

- The tactical repeater channels and direct channels identified in Table 6.2 should be assigned on-incident by the incident commander.

- 700 MHz channels with a "+" indicated in the "Use" column should not be used within 70 miles of the US / Mexico border.

- National standards for interoperability channel names have been adopted so that all public safety equipment has s a common naming convention. In accordance with APCO/NPSTC 1.104.2-2017, these labels are listed in the Tables below and all participating agencies must use these labels.

Table 6.1: Recommended SHORT List 700 MHz Interoperability Channels for Texas Public Safety Agencies

To enable efficient use of channels when multiple disciplines and jurisdictions respond to an incident, it is recommended that this short list of channels be the first channels programmed into 700 MHz radios. For agencies with radios that are limited to 16 channels, these may be the only channels programmed. For radios with larger channel capacity, it is recommended that these 16 channels be programmed into the first 700 MHz zone, and the channels on the following tables to be programmed in remaining available zones.

Mobile and Portable Configuration					
Label	**Receive**	**Transmit**	**Station Class**	**P25 NAC Hex/Dec**	**Use**
7CALL50	769.24375	799.24375	FB2T	$293 / 659	Temporary Calling Channel Repeater
7CALL50D	769.24375	769.24375	FBT / MO	$293 / 659	Calling Channel (Direct)
7TAC51	769.14375	799.14375	FB2T	$293 / 659	Temporary Tactical Repeater
7TAC51D	769.14375	769.14375	FBT / MO	$293 / 659	Tactical Channel (Direct)
7TAC52	769.64375	799.64375	FB2T	$293 / 659	Temporary Tactical Repeater
7TAC52D	769.64375	769.64375	FBT / MO	$293 / 659	Tactical Channel (Direct)
7TAC53	770.14375	800.14375	FB2T	$293 / 659	Temporary Tactical Repeater
7TAC53D	770.14375	770.14375	FBT / MO	$293 / 659	Tactical Channel (Direct)
7TAC54	770.64375	800.64375	FB2T	$293 / 659	Temporary Tactical Repeater
7TAC54D	770.64375	770.64375	FBT / MO	$293 / 659	Tactical Channel (Direct)
7TAC55	769.74375	799.74375	FB2T	$293 / 659	Temporary Tactical Repeater
7TAC55D	769.74375	769.74375	FBT / MO	$293 / 659	Tactical Channel (Direct)
7TAC56	770.24375	800.24375	FB2T	$293 / 659	Temporary Tactical Repeater
7TAC56D	770.24375	770.24375	FBT / MO	$293 / 659	Tactical Channel (Direct)
7GTAC57	770.99375	800.99375	FB2T	$293 / 659	Temporary Tactical Repeater
7GTAC57D	770.99375	770.99375	FBT / MO	$293 / 659	Tactical Channel (Direct)

Table 6.2: 700 MHz Interoperability Channels (12.5 kHz)

Emission Designator 8K10F1E

Mobile and Portable Configuration					
Label	**Receive**	**Transmit**	**Station Class**	**P25 NAC Hex/Dec**	**Use**
7CALL50	769.24375	799.24375	FB2T / MO	$293 / 659	Calling Channel
7CALL50D	769.24375	769.24375	FBT / MO	$293 / 659	Calling Channel (Direct)
7TAC51	769.14375	799.14375	FB2T / MO	$293 / 659	Tactical Repeater Channel
7TAC51D	769.14375	769.14375	FBT / MO	$293 / 659	Tactical Channel (Direct)
7TAC52	769.64375	799.64375	FB2T / MO	$293 / 659	Tactical Repeater Channel
7TAC52D	769.64375	769.64375	FBT / MO	$293 / 659	Tactical Channel (Direct)
7TAC53	770.14375	800.14375	FB2T / MO	$293 / 659	Tactical Repeater Channel
7TAC53D	770.14375	770.14375	FBT / MO	$293 / 659	Tactical Channel (Direct)
7TAC54	770.64375	800.64375	FB2T / MO	$293 / 659	Tactical Repeater Channel
7TAC54D	770.64375	770.64375	FBT / MO	$293 / 659	Tactical Channel (Direct)
7TAC55	769.74375	799.74375	FB2T / MO	$293 / 659	Tactical Repeater Channel
7TAC55D	769.74375	769.74375	FBT / MO	$293 / 659	Tactical Channel (Direct)
7TAC56	770.24375	800.24375	FB2T / MO	$293 / 659	Tactical Repeater Channel
7TAC56D	770.24375	770.24375	FBT / MO	$293 / 659	Tactical Channel (Direct)
7GTAC57	770.99375	800.99375	FB2T / MO	$293 / 659	Tactical Repeater Channel
7GTAC57D	770.99375	770.99375	FBT / MO	$293 / 659	Tactical Channel (Direct)
7MOB59	770.89375	800.89375	FB2T / MO	$293 / 659	Tactical Repeater Channel
7MOB59D	770.89375	770.89375	FBT / MO	$293 / 659	Tactical Channel (Direct)
7LAW61	770.39375	800.39375	FB2T / MO	$293 / 659	Tactical Repeater Channel
7LAW61D	770.39375	770.39375	FBT / MO	$293 / 659	Tactical Channel (Direct)

Table 6.2 (cont.)
700 MHz Interoperability Channels (12.5 kHz)

Emission Designator 8K10F1E

Mobile and Portable Configuration					
Label	**Receive**	**Transmit**	**Station Class**	**P25 NAC Hex/Dec**	**Use**
7LAW62	770.49375	800.49375	FB2T / MO	$293 / 659	Tactical Repeater Channel
7LAW62D	770.49375	770.49375	FBT / MO	$293 / 659	Tactical Channel (Direct)
7FIRE63	769.89375	799.89375	FB2T / MO	$293 / 659	Tactical Repeater Channel
7FIRE63D	769.89375	769.89375	FBT / MO	$293 / 659	Tactical Channel (Direct)
7FIRE64	769.99375	799.99375	FB2T / MO	$293 / 659	Tactical Repeater Channel
7FIRE64D	769.99375	769.99375	FBT / MO	$293 / 659	Tactical Channel (Direct)
7MED65	769.39375	799.39375	FB2T / MO	$293 / 659	Tactical Repeater Channel
7MED65D	769.39375	769.39375	FBT / MO	$293 / 659	Tactical Channel (Direct)
7MED66	769.49375	799.49375	FB2T / MO	$293 / 659	Tactical Repeater Channel
7MED66D	769.49375	769.49375	FBT / MO	$293 / 659	Tactical Channel (Direct)
7DATA69	770.74375	800.74375	FB2T / MO	$293 / 659	Tactical Data Repeater Channel
7DATA69D	770.74375	770.74375	FBT / MO	$293 / 659	Tactical Data Channel (Direct)
7CALL70	773.25625	803.25625	FX1T / MO	$293 / 659	Tactical Data Repeater Channel
7CALL70D	773.25625	773.25625	FBT / MO	$293 / 659	Tactical Data Channel (Direct)
7TAC71	773.10625	803.10625	FB2T / MO	$293 / 659	Tactical Repeater Channel+
7TAC71D	773.10625	773.10625	FBT / MO	$293 / 659	Tactical Channel (Direct)
7TAC72	773.60625	803.60625	FB2T / MO	$293 / 659	Tactical Repeater Channel+
7TAC72D	773.60625	773.60625	FBT / MO	$293 / 659	Tactical Channel (Direct)
7TAC73	774.10625	804.10625	FB2T / MO	$293 / 659	Tactical Repeater Channel+
7TAC73D	774.10625	774.10625	FBT / MO	$293 / 659	Tactical Channel (Direct)

Table 6.2 (cont.)
700 MHz Interoperability Channels (12.5 kHz)

Emission Designator **8K10F1E**

Mobile and Portable Configuration					
Label	**Receive**	**Transmit**	**Station Class**	**P25 NAC Hex/Dec**	**Use**
7TAC74	774.60625	804.60625	FB2T / MO	$293 / 659	Tactical Repeater Channel
7TAC74D	774.60625	774.60625	FBT / MO	$293 / 659	Tactical Channel (Direct)
7TAC75	773.75625	803.75625	FB2T / MO	$293 / 659	Tactical Repeater Channel+
7TAC75D	773.75625	773.75625	FBT / MO	$293 / 659	Tactical Channel (Direct)
7TAC76	774.25625	804.25625	FB2T / MO	$293 / 659	Tactical Repeater Channel+
7TAC76D	774.25625	774.25625	FBT / MO	$293 / 659	Tactical Channel (Direct)
7GTAC77	774.85625	804.85625	FB2T / MO	$293 / 659	Tactical Repeater Channel
7GTAC77D	774.85625	774.85625	FBT / MO	$293 / 659	Tactical Channel (Direct)
7MOB79	774.50625	804.50625	FB2T / MO	$293 / 659	Tactical Repeater Channel
7MOB79D	774.50625	774.50625	FBT / MO	$293 / 659	Tactical Channel (Direct)
7LAW81	774.00625	804.00625	FB2T / MO	$293 / 659	Tactical Repeater Channel+
7LAW81D	774.00625	774.00625	FBT / MO	$293 / 659	Tactical Channel (Direct)
7LAW82	774.35625	804.35625	FB2T / MO	$293 / 659	Tactical Repeater Channel+
7LAW82D	774.35625	774.35625	FBT / MO	$293 / 659	Tactical Channel (Direct)
7FIRE83	773.50625	803.50625	FB2T / MO	$293 / 659	Tactical Repeater Channel+
7FIRE83D	773.50625	773.50625	FBT / MO	$293 / 659	Tactical Channel (Direct)
7FIRE84	773.85625	803.85625	FB2T / MO	$293 / 659	Tactical Repeater Channel+
7FIRE84D	773.85625	773.85625	FBT / MO	$293 / 659	Tactical Channel (Direct)

Table 6.2 (cont.)
700 MHz Interoperability Channels (12.5 kHz)

Emission Designator 8K10F1E

Mobile and Portable Configuration					
Label	**Receive**	**Transmit**	**Station Class**	**P25 NAC Hex/Dec**	**Use**
7MED86	773.00625	803.00625	FB2T / MO	$293 / 659	Tactical Repeater Channel+
7MED86D	773.00625	773.00625	FBT / MO	$293 / 659	Tactical Channel (Direct)
7MED87	773.35625	803.35625	FB2T / MO	$293 / 659	Tactical Repeater Channel+
7MED87D	773.35625	773.35625	FBT / MO	$293 / 659	Tactical Channel (Direct)
7DATA89	774.75625	804.75625	FB2T / MO	$293 / 659	Tactical Data Repeater Channel
7DATA89D	774.75625	774.75625	FBT / MO	$293 / 659	Tactical Data Channel (Direct)

NOTE: Channels with a “+” indicated in the “Use” column should not be used within 70 miles of the US / Mexico Border.

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Table 6.3: 700 MHz Interoperability Channels (12.5 kHz)

Emission Designator 8K10F1E

Temporary Calling Channel / Tactical Repeater Configuration					
Label	**Transmit**	**Receive**	**Station Class**	**P25 NAC Hex/Dec**	**Use**
7CALL50	769.24375	799.24375	FB2T	$293 / 659	Temporary Calling Channel Repeater
7TAC51	769.14375	799.14375	FB2T	$293 / 659	Temporary Tactical Repeater
7TAC52	769.64375	799.64375	FB2T	$293 / 659	Temporary Tactical Repeater
7TAC53	770.14375	800.14375	FB2T	$293 / 659	Temporary Tactical Repeater
7TAC54	770.64375	800.64375	FB2T	$293 / 659	Temporary Tactical Repeater
7TAC55	769.74375	799.74375	FB2T	$293 / 659	Temporary Tactical Repeater
7TAC56	770.24375	800.24375	FB2T	$293 / 659	Temporary Tactical Repeater
7GTAC57	770.99375	800.99375	FB2T	$293 / 659	Temporary Tactical Repeater
7MOB59	770.89375	800.89375	FB2T	$293 / 659	Temporary Tactical Repeater
7LAW61	770.39375	800.39375	FB2T	$293 / 659	Temporary Tactical Repeater
7LAW62	770.49375	800.49375	FB2T	$293 / 659	Temporary Tactical Repeater
7FIRE63	769.89375	799.89375	FB2T	$293 / 659	Temporary Tactical Repeater
7FIRE64	769.99375	799.99375	FB2T	$293 / 659	Temporary Tactical Repeater
7MED65	769.39375	799.39375	FB2T	$293 / 659	Temporary Tactical Repeater
7MED66	769.49375	799.49375	FB2T	$293 / 659	Temporary Tactical Repeater
7DATA69	770.74375	800.74375	FB2T	$293 / 659	Temporary Tactical Data Repeater
7CALL70	773.25625	803.25625	FB2T	$293 / 659	Temporary Calling Channel
7TAC71	773.10625	803.10625	FB2T	$293 / 659	Temporary Tactical Repeater+
7TAC72	773.60625	803.60625	FB2T	$293 / 659	Temporary Tactical Repeater+
7TAC73	774.10625	804.10625	FB2T	$293 / 659	Temporary Tactical Repeater+
7TAC74	774.60625	804.60625	FB2T	$293 / 659	Temporary Tactical Repeater

Table 6.3 (cont.)
700 MHz Interoperability Channels (12.5 kHz)

Emission Designator 8K10F1E

Temporary Calling Channel / Tactical Repeater Configuration					
Label	**Transmit**	**Receive**	**Station Class**	**P25 NAC Hex/Dec**	**Use**
7TAC75	773.75625	803.75625	FB2T	$293 / 659	Temporary Tactical Repeater+
7TAC76	774.25625	804.25625	FB2T	$293 / 659	Temporary Tactical Repeater+
7GTAC77	774.85625	804.85625	FB2T	$293 / 659	Temporary Tactical Repeater
7MOB79	774.50625	804.50625	FB2T	$293 / 659	Temporary Tactical Repeater
7LAW81	774.00625	804.00625	FB2T	$293 / 659	Temporary Tactical Repeater+
7LAW82	774.35625	804.35625	FB2T	$293 / 659	Temporary Tactical Repeater+
7FIRE83	773.50625	803.50625	FB2T	$293 / 659	Temporary Tactical Repeater+
7FIRE84	773.85625	803.85625	FB2T	$293 / 659	Temporary Tactical Repeater+
7MED86	773.00625	803.00625	FB2T	$293 / 659	Temporary Tactical Repeater+
7MED87	773.35625	803.35625	FB2T	$293 / 659	Temporary Tactical Repeater+
7DATA89	774.75625	804.75625	FB2T	$293 / 659	Temporary Tactical Data Repeater

NOTE: Channels with a “+” indicated in the “Use” column should not be used within 70 miles of the US / Mexico Border.

NEW! Table 6.4: 700 MHz Interoperability Channels (12.5 kHz)
Air-to-Ground

Label	Mobile RX (MHz)	Mobile TX (MHz)	Use
7AG58	769.13125	799.13125	Air-Ground
7AG58D	769.13125	769.13125	Air-Ground
7AG60	769.63125	799.63125	Air-Ground
7AG60D	769.63125	769.63125	Air-Ground
7AG67	770.13125	800.13125	Air-Ground
7AG67D	770.13125	770.13125	Air-Ground
7AG68	770.63125	800.63125	Air-Ground
7AG68D	770.63125	770.63125	Air-Ground
7AG78	773.11875	803.11875	Air-Ground
7AG78D	773.11875	773.11875	Air-Ground
7AG80	773.61875	803.61875	Air-Ground
7AG80D	773.61875	773.61875	Air-Ground
7AG85	774.11875	804.11875	Air-Ground
7AG85D	774.11875	774.11875	Air-Ground
7AG88	774.61875	804.61875	Air-Ground
7AG88D	774.61875	774.61875	Air-Ground Landing Zone

* 7AG88D is recommended for **Landing Zone** use.

TX NAC: $293 (659 10). RX NAC $F7E (3966 10). These channels are reserved for air-ground communications to be used by low-altitude aircraft and ground based stations: See FCC rule 90.531(7). (i) Airborne use of these channels is limited to aircraft flying at or below **457 meters (1500 feet) above ground level.** (ii) **Aircraft are limited to 2 watts effective radiated power (ERP)** when transmitting while airborne on these channels. (iii) Aircraft may transmit on either the mobile or base transmit side of the channel pair. (iv) States are responsible for the administration of these channels. *These are NOT nationwide interoperability channels.*

7. 800 MHz Channels – SPECIFIC GUIDELINES

For 800 MHz interoperability, the repeater channels (with direct) described in Table 7.1 below will be used. Table 7.2 includes descriptions for use within the Border Area (rebanding).

Note the following:

- 800 MHz interoperability channels are identified by the FCC for interoperability use within Texas. Some of these interoperable channels may already be licensed by multiple agencies for interoperability use throughout the state.

- The channel 8CALL90 is designated as a multi-discipline, multi-agency public safety interoperability calling channel for all public safety agencies and other signatories to the MOU associated with this channel plan.

- The tactical repeater channels 8TAC91 - 8TAC94 and talk-around channels 8TAC91D - 8TAC94D should be assigned on-incident by the incident commander.

- National standards for interoperability channel names have been adopted so that all public safety equipment has s a common naming convention. In accordance with APCO/NPSTC 1.104.2-2017, these labels are listed in Tables 7.1 and 7.2 and all participating agencies must use these labels.

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Table 7.1: 800 NPSPAC Interoperability Channels (20 kHz)
Emission Designator 16K0F3E

CTCSS tone programming for 800 MHz channels must be in compliance with the NIFOG version 1.6.1 and any subsequent revisions by **January 2020.**

Label	Receive	Transmit	Station Class	CTCSS RX/TX	Use
8CALL90	851.0125	806.0125	FB2T / MO	156.7 / 156.7	Calling Channel (Repeater)
8CALL90D	851.0125	851.0125	FBT / MO	156.7 / 156.7	Calling Channel (Direct)
8TAC91	851.5125	806.5125	FB2T / MO	156.7 / 156.7	Incident Temporary Repeater Channel
8TAC91D	851.5125	851.5125	FBT / MO	156.7 / 156.7	Tactical Channel (Direct)
8TAC92	852.0125	807.0125	FB2T / MO	156.7 / 156.7	Incident Temporary Repeater Channel
8TAC92D	852.0125	852.0125	FBT / MO	156.7 / 156.7	Tactical Channel (Direct)
8TAC93	852.5125	807.5125	FB2T / MO	156.7 / 156.7	Incident Temporary Repeater Channel
8TAC93D	852.5125	852.5125	FBT / MO	156.7 / 156.7	Tactical Channel (Direct)
8TAC94	853.0125	808.0125	FB2T / MO	156.7 / 156.7	Incident Temporary Repeater Channel
8TAC94D	853.0125	853.0125	FBT / MO	156.7 / 156.7	Tactical Channel (Direct)
8TAC95D	851.5500	851.5500	MO	156.7 / 156.7	Incident Control Channel (Direct)*
8TAC96D	853.0500	853.0500	MO	156.7 / 156.7	Incident Control Channel (Direct)*
8TAC97D	853.3500	853.3500	MO	156.7 / 156.7	Incident Control Channel (Direct)*
Repeater / Base Configuration					
8CALL90	806.0125	851.0125	FB2T	156.7	Mobile Command Post Calling Channel Base
8TAC91	806.5125	851.5125	FB2T	156.7	Incident Temporary Repeater Channels
8TAC92	807.0125	852.0125	FB2T	156.7	
8TAC93	807.5125	852.5125	FB2T	156.7	
8TAC94	808.0125	853.0125	FB2T	156.7	

*These low-power mobile/portable channels may not be used in a repeater configuration nor patched with other channels through a gateway or patching device. ERP is limited to 20 watts and only mobile and portable operation is allowed. Base stations are not permitted.

Table 7.2: 800 NPSPAC Interoperability Channels (20 kHz)
<u>For Use within Border Area for Rebanding</u>

Emission Designator 16K0F3E

CTCSS tone programming for 800 MHz channels must be in compliance with the NIFOG version 1.6.1 and any subsequent revisions by **January 2020.**

Label TX / NIFOG*	Receive	Transmit	Station Class	CTCSS RX/TX	Use
8CALL / ICALL	866.0125	821.0125	FB2T / MO	156.7 / 156.7	Calling Channel (Repeater)
8CALLD / ICALLD	866.0125	866.0125	FBT / MO	156.7 / 156.7	Calling Channel (Direct)
8TAC1 / ITAC1	866.5125	821.5125	FB2T / MO	156.7 / 156.7	Incident Temporary Repeater Channel
8TAC1D / ITAC1D	866.5125	866.5125	FBT / MO	156.7 / 156.7	Tactical Channel (Direct)
8TAC2 / ITAC2	867.0125	822.0125	FB2T / MO	156.7 / 156.7	Incident Temporary Repeater Channel
8TAC2D / ITAC2D	867.0125	867.0125	FBT / MO	156.7 / 156.7	Tactical Channel (Direct)
8TAC3 / ITAC3	867.5125	822.5125	FB2T / MO	156.7 / 156.7	Incident Temporary Repeater Channel
8TAC3D / ITAC3D	867.5125	867.5125	FBT / MO	156.7 / 156.7	Tactical Channel (Direct)
8TAC4 / ITAC4	868.0125	823.0125	FB2T / MO	156.7 / 156.7	Incident Temporary Repeater Channel
8TAC4D / ITAC4D	868.0125	868.0125	FBT / MO	156.7 / 156.7	Tactical Channel (Direct)
Repeater / Base Configuration					
8CALL / ICALL	821.0125	866.0125	FB2T	156.7	Mobile Command Post Calling Channel Base
8TAC1 / ITAC1	821.5125	866.5125	FB2T	156.7	Incident Temporary Repeater Channels
8TAC2 / ITAC2	822.0125	867.0125	FB2T	156.7	
8TAC3 / ITAC3	822.5125	867.5125	FB2T	156.7	
8TAC4 / ITAC4	823.0125	868.0125	FB2T	156.7	

**TX naming convention preferred for Texas border region programming.*

8. Mobile Satellite (MSAT) Talkgroups – SPECIFIC GUIDELINES

Table 8.1 below lists statewide, regional, and national MSAT talkgroups for use by Texas public safety agencies. Texas has two statewide mutual aid talkgroups: TXSMRT and INAGY. **TXSMRT** is used for communication between **Texas public safety agencies and private sector partners**, and **INAGY is used by government agencies ONLY.**

The talkgroups designated as SMART/SMRT (Satellite Mutual Aid Radio Talkgroup) are for multi-agency coordination during large-scale events or disasters, potentially involving public safety agencies at the regional and national levels.
Each agency should determine which talkgroups are best suited for their agency's needs and purpose.

Table 8.1: Mobile Satellite Talkgroups

MSAT Talkgroup Name (7 char. Radio)	Legacy MSAT Talkgroup Name* (5 char. Radio)	Authorizing Agency	Agencies Supported	Use
00	00	DPS Operations	All Texas Public Safety and Private Sector Partners	Point-to-Point 4-digit DN call feature. No per-minute cost for DN calls
DPS1	DPS1	DPS Operations	DPS	Incident Command / Calling Channel
DPS2	DPS2	DPS Operations	DPS	DPS Daily Use
TFS1	TFS1	TFS EOC	TFS	TFS Daily Use
TEEX1	TEEX1	TEEX	TTF1, TTF2, Quick Response Force & Water	TEEX-TTF1 Search and Rescue Calling Channel
STRAC1	STRC1	STRAC Comms	STRAC and San Antonio Area Public Safety	STRAC Daily Use Calling Channel
STRAC2	STRC2	STRAC Comms	STRAC Regional	Regional Medical
INAGY	INAGY	TFS EOC	TFS and Texas Public Safety Agencies	Interagency Coordination (Texas only)
TXSMRT	TXSMT	DPS Operations	All Texas Public Safety and Private Sector Partners	Statewide Channel for Public and Private Sector
G-SMART	GSMRT	LA Homeland Security and Emergency Preparedness	Gulf Coast Regional Agencies	Gulf States Public Safety Mutual Aid Regional / National
SWSMART	SWSMT	Contra Costa (CA) Fire Protection District	Southwest Regional Agencies	Southwest Public Safety Mutual Aid
I-SMART	ISMRT	Seattle Public Utilities	Regional / National Agencies	Critical Infrastructure Mutual Aid
E-SMART	ESMRT	KY Dept. of Public Health	Regional / National Agencies	EMS Mutual Aid
F-SMART	FSMRT	Seattle Fire Dept.	Regional / National Agencies	Fire Service Mutual Aid

J-SMART	JSMRT	U.S. Dept. of Justice	All Gov't and Public Safety Regional / National Agencies	Public Safety Mutual Aid Regional
L-SMART	LSMRT	U. S. Marshals Service	All LE Regional / National Agencies	LE Enforcement Mutual Aid
U-SMART	USMRT	Montgomery Co. (MD) Fire & Rescue	All Urban Search and Rescue Regional / National Agencies	Urban Search and Rescue Mutual Aid
NPHST2	NPH	KY Dept. for Public Health	All Health Depts. and Medical Facilities Regional / National Agencies	Public Health Mutual Aid TG

* Abbreviated names are for older MSAT radios that have less than 7-character capacity for talkgroup names.

Obtaining Access to MSAT Talkgroups

To obtain access, please follow the process found at this link.
http://www.txdps.state.tx.us/LawEnforcementSupport/communications/interop/
Note: Authorization letters need to be obtained before scheduling on-air programming for the radios.

9. INTEROPERABILITY CROSS-BAND SYSTEMS – SPECIFIC GUIDELINES

Cross-band interconnection between radio equipment operating under state-licensed channels is authorized with three conditions:

- Cross-band operation is authorized as may be required to interconnect channels identified in this channel plan, and interconnect to other channels that may be required on a particular incident. On incidents, tactical channels and other local channels may be interconnected at the direction of the incident commander.

- Cross-band operation should conform to planning requirements, as established in a RICP, typically produced by a regional COG.

- Patching to/between interoperability tactical channels and local radio systems is permitted during incidents or events involving interagency personnel, if so directed by the incident commander. This is only allowed through concurrence from the system manager / dispatch center.

- 800 MHz NPSPAC (conventional) channels may be cross-banded with other interoperability channels. **Caution should be used when performing in-field cross-band connections with VHF/700/800 MHz trunked channels due to potential push-to-talk (PTT) delay**.

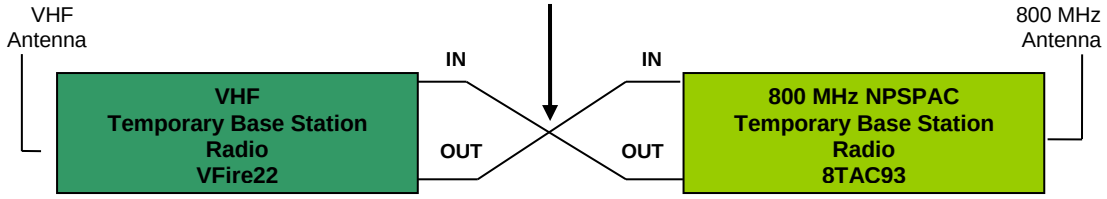
- Supervised gateways, console-initiated patching or cross-band repeating of tactical channels to tactical channels in other bands is permitted under positive control of a trained dispatcher or on-incident Communications Unit Leader (COML). A dispatcher or COML who establishes such a calling channel patch must be capable of disabling the patch in the event of unexpected or unacceptable interference on any of the patched calling channels.

Cross-band interconnections can be implemented in several ways:

9.1 Simple Cross-band Repeater

This approach interconnects two radios “back-to-back” such that received signals on either receiver are re-transmitted by the other transmitter.

FIGURE 9.1
AUDIO & PTT



Simple Cross-Band Repeater

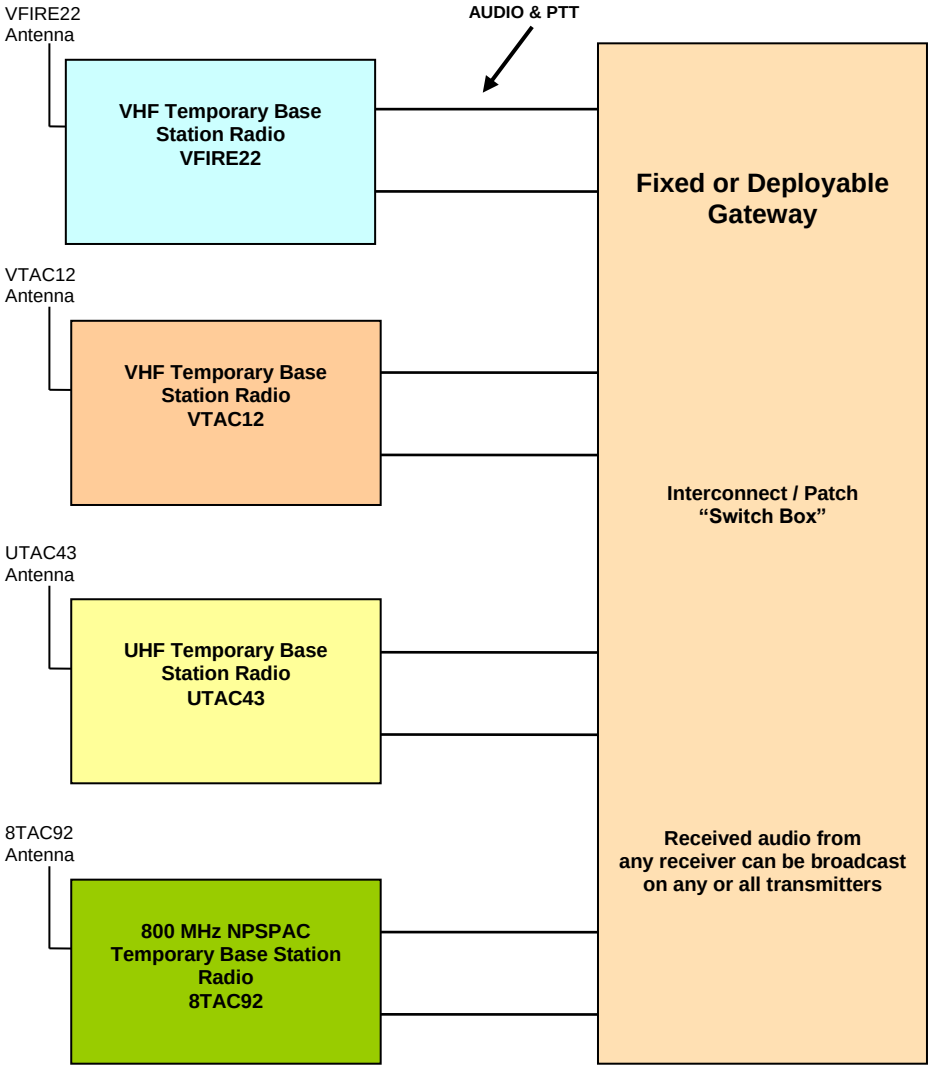
Operationally, the two channels selected will seem to be one channel, as long as all radio users are within the coverage “footprint” of the cross-band repeater and antennas. Some PTT delay should be expected. In this example, two tactical channels are interconnected to enable tactical communications between resources equipped with differing equipment.

9.2 Mobile Tactical Interconnect or Radio Interoperability Gateway

This approach interconnects several radios “back-to-back” so that received signals on any receiver are re-transmitted by all selected transmitters.

Operationally, all channels selected will seem to be one channel, as long as all radio users are within the coverage “footprint” of the antennas being used. Some PTT delay should be expected. In this example, several tactical channels are interconnected to enable tactical communications between resources equipped with differing equipment.

Figure 9.2

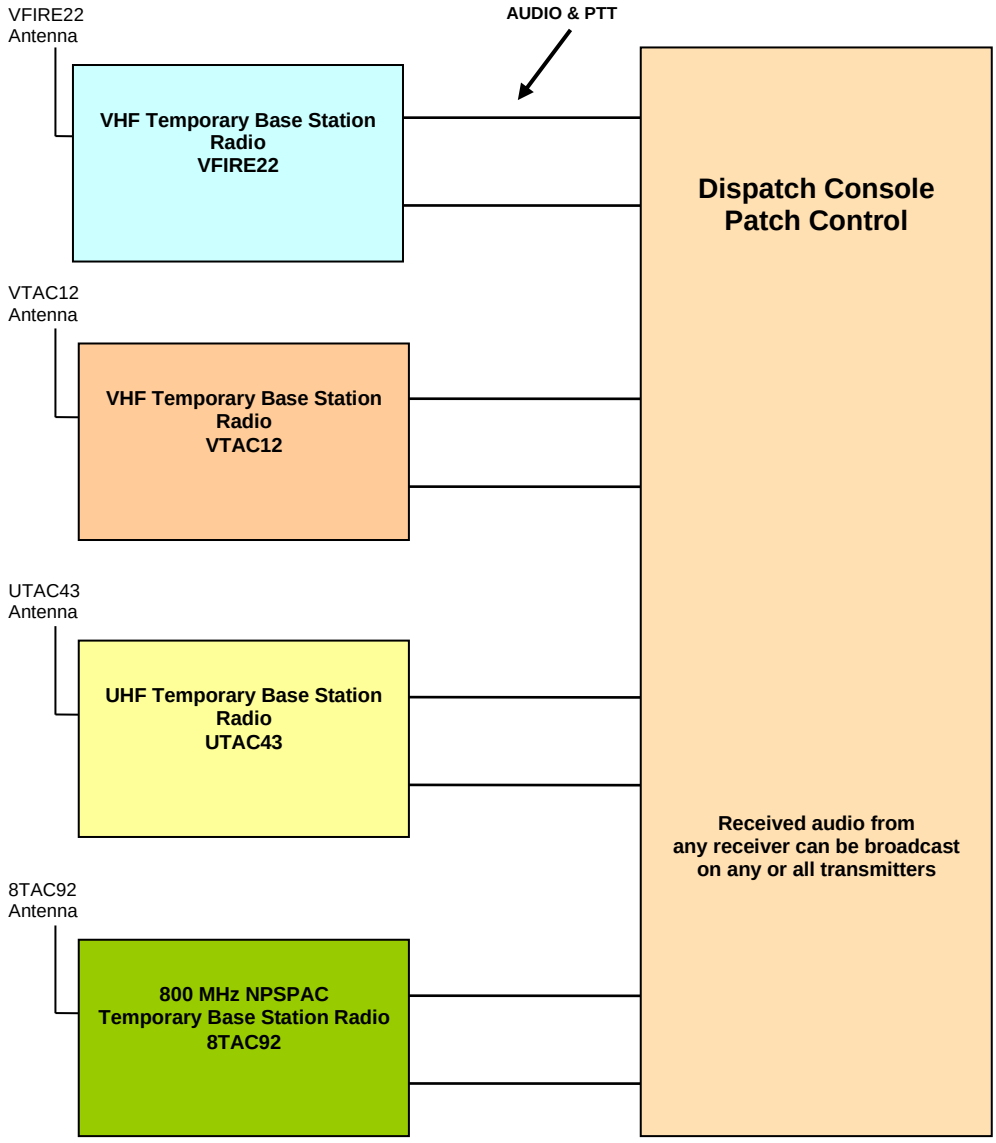


Mobile Tactical Interconnect or Radio Interoperability Gateway

9.3 Dispatch Console Patching

Console patching utilizes dispatch point base radios and the patching capability of a common console system to accomplish the same interconnections described above. However, in the case of console patching, all radio users must be within the coverage "footprint" of the base station antenna at the dispatch point. Some PTT delay should be expected. Operationally, all channels patched by the dispatcher will seem to be one channel.

Figure 9.3



Console Patch

Note that console patching at fixed-site base stations is not authorized under state licenses for interoperability channels. Such installations must be licensed separately.

10. LIST OF ACRONYMS

Abbreviation	Description
AACOG	Alamo Area Council of Governments
ATCOG	Ark-Tex Council of Governments
BER	Bit Error Rate
BVCOG	Brazos Valley Development Council
BVWACS	Brazos Valley Wireless Access Communications System
CA	California
CAI	Common Air Interface
CAPCOG	Capital Area Council of Governments
CBCOG	Coastal Bend Council of Governments
CCG	Communications Coordination Group
CFR	Code of Federal Regulations
COG	Council of Government
COM-L	Communications Leader
CTCOG	Central Council of Governments
CTCSS	Continuous Tone Coded Squelch System
CVCOG	Concho Valley Council of Governments
DETCOG	Deep East Texas Council of Governments
DFW	Dallas / Ft. Worth
DN	Directory Number
DPS	Department of Public Safety
EMS	Emergency Medical Service
ERP	Effective Radiated Power
ETCOG	East Texas Council of Governments
ETMC	East Texas Medical Center
FCC	Federal Communications Commission
GCRPC	Golden Crescent Regional Planning Commission
H-GAC	Houston-Galveston Area Council
HOTCOG	Heart of Texas Council of Governments
Hz	Hertz
ICS	Incident Command System
IRCIP	Immediate Radio Communications Interoperability Plan
IRWG	Interagency Radio Work Group
kHz	Kilohertz
KY	Kentucky
LA	Louisiana
LCRA	Lower Colorado River Authority
LE	Law Enforcement
LRGVDC	Lower Rio Grande Valley Development Council
MCPs	Mobile Command Posts
MHz	Megahertz
MD	Maryland
MOU	Memorandum of Understanding
MRGDC	Middle Rio Grande Development Council
MSAT	Mobile Satellite
MTA	Metropolitan Transit Authority

NAC	Network Access Codes
NCTCOG	North Central Texas Council of Governments
NIMS	National Incident Management System
NPSPAC	National Public Safety Planning Advisory Committee
NORTEX	Nortex Regional Planning Commission
NTIA	National Telecommunications and Information Administration
OPS	Operations
PBRPC	Permian Basin Regional Planning Commission
PRPC	Panhandle Regional Planning Commission
PSAP	Public Safety Answering Point
PTT	Push-To-Talk
RGCOG	Rio Grande Council of Governments
SCADA	Supervisory Control and Data Acquisition
SCIP	Statewide Communications Interoperability Plan
SETRPC	South East Texas Regional Planning Commission
SMART	Satellite Mutual Aid Radio Talkgroup
SPAG	South Plains Association of Governments
STDC	South Texas Development Council
STRAC	Southwest Texas Regional Advisory Council (Emergency Healthcare)
SWIC	Statewide Interoperability Coordinator
TCOG	Texoma Council of Governments
TFS	Texas A&M Forest Service
TFS EOC	Texas A&M Forest Service Emergency Operations Center
TDEM	Texas Division of Emergency Management
TEEX	Texas Engineering Extension Service (Training Academy)
TTF	Texas Task Force
TG	Talkgroup
TSIEC	Texas Statewide Interoperability Executive Committee
TxDPS	Texas Department of Public Safety
TxICC	Texas Interoperable Communications Coalition
UHF	Ultra High Frequency
VFD	Volunteer Fire Department
VHF	Very High Frequency
WCTCOG	West Central Texas Council of Governments

Commissioners Court - Regular Session **42.**

Meeting Date: 06/19/2018

Motorola NICE/CISCO Integration

Submitted By: Catherine Roberts, Radio Communication System

Department: Radio Communication System

Agenda Category: Regular Agenda Items

Information

Agenda Item

Discuss, consider and take appropriate action regarding approving the contract statement of work from Motorola Solutions, Inc. to complete hardware refresh of the NICE recording platform for integration and compatibility with the new CISCO VoIP phone platform. (Note: procurement via Houston-Galveston Area Council HGAC Contract #RA05-15).

Background

Working in conjunction with the County phone replacement. The funding that was approved through cash ending will accommodate the hardware refresh of the NICE NRX and Inform servers allowing for implementation of the proposed Avaya to CISCO phone replacement intended for Williamson County Emergency Services Operations Center. Due to the end of life status of both servers, the hardware refresh was necessary in order to maintain the current active recording they are performing today on Avaya, allowing for the proper licensing and component mitigation of a new technology to the current in-house recording network.

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

Motorola SOW NICE-CISCO Integratin

WC ITS CISCO-NICE Requirements

Motorola CSA (signed Page)

6-2018 Motorola - WC Addendum (Signed)

Motorola 1295 Form

Motorola 1295-Acknowledgement

Form Review

Inbox	Reviewed By	Date
Hal Hawes	Hal Hawes	06/14/2018 11:29 AM
County Judge Exec Asst.	Wendy Coco	06/14/2018 02:13 PM
Form Started By: Catherine Roberts		Started On: 06/01/2018 08:52 PM
Final Approval Date: 06/14/2018		

MOTOROLA SOLUTIONS

WILLIAMSON COUNTY

JUNE 11, 2018

NICE CISCO PHONE SYSTEM UPGRADE

The design, technical, pricing, and other information ("Information") furnished with this submission is proprietary and/or trade secret information of Motorola Solutions, Inc. ("Motorola Solutions") and is submitted with the restriction that it is to be used for evaluation purposes only. To the fullest extent allowed by applicable law, the Information is not to be disclosed publicly or in any manner to anyone other than those required to evaluate the Information without the express written permission of Motorola Solutions.

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to the restrictions on the cover page.

MOTOROLA SOLUTIONS

Motorola Solutions Inc.
1501 10th Street
Plano, TX 75074
USA

June 11, 2018

Catherine Roberts
Williamson County
508 Holly Street
Georgetown, TX 78626

RE: Williamson County NICE Cisco Phone System Upgrade

Dear Mrs. Roberts

Motorola Solutions, Inc. (Motorola) is pleased to present to you the enclosed proposal for the Williamson County NICE Cisco Phone System Upgrade. The Proposal is based upon and subject to the terms and conditions of the H-GAC Agreement executed in May of 2015 and consists of this cover letter, the Statement of Work, the System Description, Equipment List, and the HGAC Communications System Purchase Agreement (SPA).

The Proposal is valid for ninety (90) days from the date of this letter and is subject to the terms and conditions of the attached HGAC System Purchase Agreement, or a negotiated version thereof. Motorola would be happy to discuss any concerns the County may have with the Proposal.

Sincerely,
Motorola Solutions, Inc.



Rick Russek
Area Sales Manager

SECTION 1

SYSTEM DESCRIPTION

1.1 NICE CISCO PHONE INTEGRATION SOLUTION OVERVIEW

This proposal is to upgrade the NICE recording solution for Williamson County ESOC. This proposal outlines the replacement of the hardware and software of the NICELog recorder and the Inform server platforms, bringing the supported solution to the most current supported license to date.

This quote is required to accommodate the replacement of the AVAYA phone system to the new CISCO phone system. The proposal includes a replacement of the NICELog recorder with an NRX Recorder, which will continue to support 100 VoIP recordings and up to 48 2-wire Analog lines.

The Inform server, which is used to pull the recording, requires to be upgraded in conjunction to the replacement of the NICELog Server. Due to the existing Inform server hardware being end of support and end of expansion, an upgrade of the hardware and software, software version 6 to version 7, is also included as part of this proposal.

Table 1-1: NICE Solution Summary

WILLIAMSON COUNTY ESOC	LICENSE COUNT	VERSION	UPGRADE
NiceLog Analog	56 channel (34 USED)	9.04	SEE TABLE 2
Inform Server	406 channels	6.1.0.158 UP2	SEE TABLE 2
CLS Server	N/A	8.9	NO
Storage Center	N/A	8.9	NO
SNMP Server (Castlerock)	N/A	7	NO
Trunk IP Logger	90 channel	7.15	NO

Table 1-2: Table 2: NICE Upgrade Summary

Existing	Upgrade	LICENSE COUNT	VERSION
NRX VOIP Avaya Analog Logger	NRX VOIP CISCO Analog Logger	100 VOIP 48 Analog	6.5.8 PL3
Inform Server G6	Inform Server G9	406 channels	7

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The proposed solution is capable of active recording for the new CISCO phone system. Please see section 3 for more information regarding the supported CISCO environment integration and recording limitations. Cisco does not support recording for calls placed on hold due to absence of audio to the NRX.

1.2 PHONE ARBITRATION SOLUTION OVERVIEW

This proposal also includes services to provide an arbitration solution between the Motorola Solutions Consoles and the CISCO 8811 VOIP phones. Motorola Solutions shall work with the County and Presidio to offer a solution to arbitrate the audio of the Motorola Solutions Consoles and the CISCO 8811 VOIP phones over a single headset per position.

Motorola Solutions' MCC7500 consoles have the capability for arbitration using the VPM module. The telephone / headset port allows an external phone set to be connected to the console. This allows the dispatch console's headset to be used to communicate on both the radio system and the telephone set. The port provides the following input and output:

- A 600 ohm analog audio output containing the headset's microphone audio.
- A 600 ohm analog audio input for the external telephone's received audio.
- An input buffer for the Off-Hook signal from the external telephone.
- An input buffer for an Auxiliary Jack sense signal from the external telephone.

Motorola Solutions requires the following analog inputs from the CISCO 8811 phone system to provide an arbitration solution:

1. Off Hook signal
2. Jack Sense Signal
3. Ground
4. Transmit +
5. Transmit –
6. Receive +
7. Receive –

When a dispatch console senses a dry closure on the Off-Hook input buffer, the VPM removes the selected radio audio from the headset and routes the audio into the appropriate speaker(s). Any audio from the external phone source shall then be routed the headset and headset microphone audio shall be routed to the ports as output to the telephone system providing a hands free environment for the dispatcher.

When the dispatch console senses a dry closure on the Auxiliary Jack sense input buffer, the console will ignore any closures on the Off-Hook input buffer. This causes the headset to continue to work with the radio console system instead of the telephone system.

If the dispatch console user transmits on any radio resource while the Off-Hook signal is active, the headset microphone is rerouted to the radio system for the duration of the transmission. When the transmission ends, the headset microphone is routed back to the telephone headset port audio output. The headset earpiece audio routing is not changed during the transmission, so the dispatch console user can still hear the telephone's received audio.

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Figure 1 depicts the arbitration solution between the MCC 7500 and an external phone system.

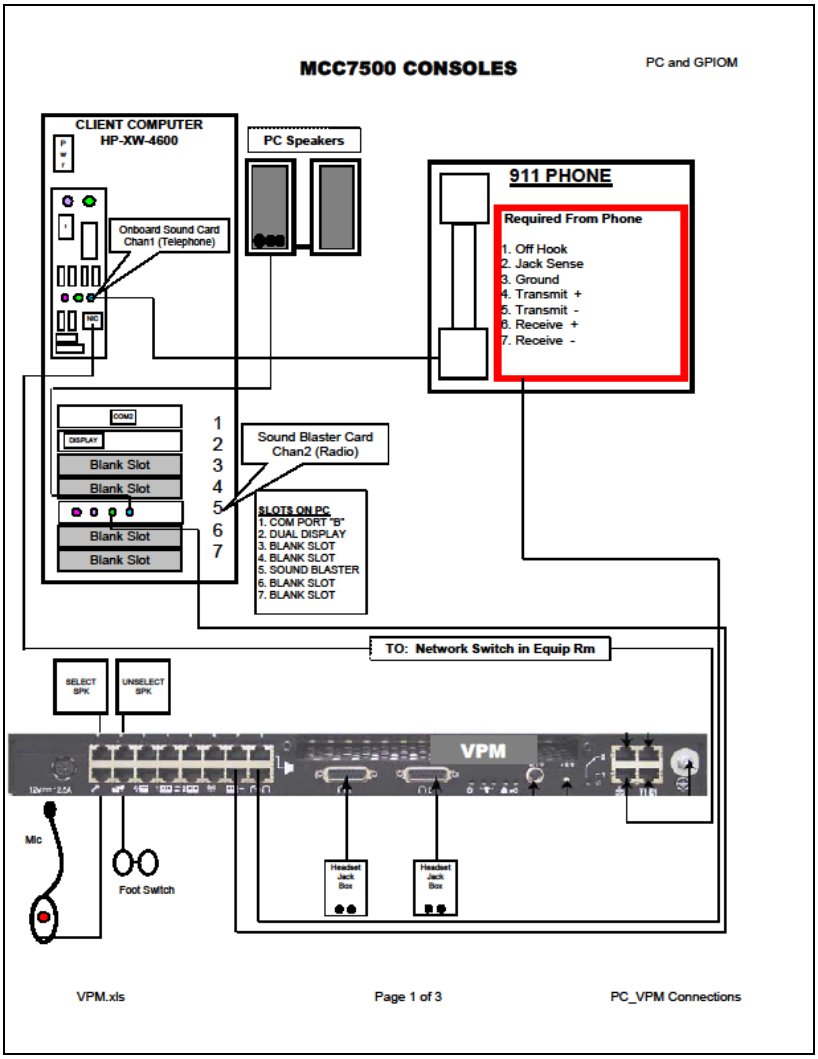


Figure 1-1: MCC 7500 Arbitration Solution

1.3 RESPONSIBLITIES AND DEPENDENCIES

Motorola Solutions has based the system design on information gathered from meeting with Williamson County and Presidio. All assumptions have been listed below for Williamson County's review. Should Motorola Solutions' assumptions be deemed incorrect or not agreeable to Williamson County, a revised proposal with the necessary changes and adjusted costs will be provided. Changes to the equipment or scope of the project after contract will require a change order. Refer to the Statement of Work for the specific list of responsibilities to be performed by Williamson County and Motorola Solutions.

This section identifies the assumptions and dependencies used in developing this offering:

- Motorola Solutions assumes the NICE system is functional and operational at the time of installation.

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- Williamson County is responsible for the integration of the new CISCO phone sets.
- Motorola Solutions assumes the CISCO 8811 shall be the phone set used. The CISCO 8811 phone sets must be functional and operational at the time of implementing the arbitration solution.
- The Customer is responsible for all wiring up to and including the demarcation point to include audio signaling and network.
- The Customer is responsible for ensuring the availability and proper function of all audio streams for recording up to and including the demarcation point.
- Customer is responsible for ensuring the availability and proper function of any data feeds being utilized for capture by the recording system including but not limited to ANI/ALI, Caller ID, CTI, etc. up to and including the demarcation point whether hard point or LAN based.
- All audio and LAN connections should be terminated within no more than ten feet of the NRX equipment location.
- The Cisco phone models must fall within the list of supported phone sets listed in https://developer.cisco.com/site/uc-manager-sip/faq/supported/ to support active recording.
- JTAPI license are required on the CISCO phone system for active recording. The Customer is responsible to verify JTAPI license are available for this project.
- In the event active recording is not possible, the Customer is responsible for any Port spanning/mirroring or packet duplication to facilitate VOIP recording.
- The customer is responsible for any configuration of duplicate audio/SIP streams for “2N” or secondary recording system.
- The Customer shall be responsible to provide detailed schematic of infrastructure, including details of all routers/switches for the data network relating to the recorder system and the mapping of phone lines in the system.
- Motorola Solutions assumes rack space and power are available for the proposed equipment. Electrical connectors for all NICE recording systems are standard NEMA 5-15P, 3-wire, non-locking, straight blade, grounded plugs.
- All electrical outlets for the proposed system should be located no more than three (3) feet from the rear of the equipment location.
- Customers are responsible for providing sufficient heat dissipation for the proposed system as defined in the attached environmental specifications.
- Motorola Solutions assumes each console position has an existing headset.
- Motorola Solutions assumes the CISCO 8811 phones provide the required analog inputs and outputs as described in the System Overview.
- Motorola Solutions shall not be responsible to provide arbitration for the phone sets until the above conditions are met.
- Motorola Solutions’ VPM can only take inputs from one external source. If multiple external sources are required, a different solution or additional solution may be required.

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to the restrictions on the cover page.

1.4 NRX OVERVIEW

NICE Recording (NRX) is the most powerful communications recording solution available today, specifically designed to meet the mission critical needs of the public safety emergency communications environment. It reliably logs and synchronizes 911 calls, including digital, analog, and VoIP calls, conventional and P25 radio transmissions, text–to-911 interactions, video, images, console screens, locations from geographic information systems (GIS), and integrated feeds from other sources such as CCTV video. NICE Recording scales and adapts from single PSAP centers to complex environments with multiple sites, networks, or multimedia calls.

NG9-1-1 Ready

NICE Recording spans all forms of Next Generation 9-1-1 communications in a unified solution, including inbound and outbound text messages agnostic to text aggregation solutions or delivery methods – Direct IP, Web Interface or TTY. Tested at Industry collaboration events, NICE Recording is a future-proof platform designed to comply with National Emergency Number Association's (NENA's) i3 MSRP and the European Emergency Number Association's (EENA's) NG112 standards.

Unprecedented Flexibility & Scalability

Apart from recording audio and SMS text, you need to be able to integrate with other systems for expanded data collection, have flexible recording and storing options, quickly find recorded communications, and have the ability to easily and securely share information on moment's notice. In addition to that, it all needs to be done cost effectively. NICE Recording provides you with these benefits and many more.

Intuitive All-in-One Interface

NICE Recording is packaged with the web-accessible NICE Inform application for feature-rich yet easy to use industry-leading evidence management that helps you organize, synchronize and put all of your multimedia incident information into context.

Feature Highlights

With fast and intuitive configuration and administration, you can capture, store, manage and replay calls as soon as the installation is completed.

- **Advanced Call Finder** - Precision searches leverage expanded metadata captured via CAD, D- channel, and other integrations. Quickly find calls based on caller ID, call duration, date and time, user name, channel ID, call direction, CLI/dialed numbers, Incident ID, Incident type, notes, marked calls, and more.
- **Powerful Replay Capability** - Instant replay and live monitoring through NICE Inform Verify and NICE Inform Monitor. Supports replay of earlier parts of calls in progress. Variable speed playback and loop replay aid in understanding.
- **Highest Security Levels** - Roles-based access, AES 256-bit encryption; MD5 fingerprinting, granular user access profiles, web-based admin, and more.
- **Open Architecture** - Support for Windows OS, SQL database, and COTS server chassis.
- **Variety of Recording Methods** - Full-time or rules-based recording, including recording on demand (ROD).

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- **Optional Selective Call Deletion** - Automatically delete recordings based on retention schedules or set up rules for deletion of marked calls. Retain metadata captured with recordings even after voice or text media is deleted.
- **Wide Range of Storage and Archiving Options** - Select the storage medium that best meets your cost and efficiency targets. Options include local storage to standard hard drives with a choice of 10 compression algorithms, archiving to SAN/NAS and RDX, central storage to SAN/NAS, EMC Centera, or NetApp Snaplock. Define schedules for automated archiving.
- **Easy Deployment** - Use commercial server hardware, install remotely (option), choose Windows 2008 or Windows 2012.

Supported Platforms and Networks

NICE Recording offers the broadest variety of telephony integrations and it can support VoIP, TDM and hybrid networks in a single server.

- **Telecommunication Lines** – All digital and analog PBX systems are supported as well as analog extensions and E1, T1, ISDN, PCM, and CAS connectivity.
- **Digital and VoIP Extensions** – Alcatel-Lucent, Ascom, Aspect, Avaya, Bosch, Ericsson, Fujitsu, Goldstar, Intertel, LG, Mitel, NEC, Nitsuko, Nortel, Panasonic, Realitis, Rockwell, Selta, Siemens, Tadicom, Toshiba. Active and passive VoIP support including Avaya, Cisco, Mitel, Siemens, Alcatel- Lucent.
- **Radio Integrations** – Motorola Solutions ASTRO and Dimetra, including Dimetra end-to-end encryption support, Harris OpenSky and P25 (with and without AES encryption), Airbus P25 and Airbus TETRA.
- **Transitional NG9-1-1 Networks** – Supported with SIP trunk logging.

1.5 NICE INFORM SERVER AND SUITE OF APPLICATIONS

The NICE Inform Server hosts the NICE Inform database, the NICE Inform Server software services and the web interface used by the clients to start the NICE Inform Applications. NICE Inform allows the authorized user, immediate access to the data, allowing it to be synchronized and replayed exactly as it happened. The recorded multimedia, whether it is dispatch radio transmissions, radio-to-radio transmissions, video, telephony, appended incident reports, photos, CAD screen captures and more can then be reviewed, tagged and organized in a secured incident folder. It is then quarantined for a specific retention period. A Resilient Inform server can be installed operating in conjunction with the primary Inform server.

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SECTION 2

STATEMENT OF WORK

2.1 MOTOROLA SOLUTIONS RESPONSIBILITIES

- Assign a Project Manager.
- Motorola Solutions will assign NICE Systems as the third party Installer for the NICE Inform Server and NRX Recorder.
- Coordinate and schedule a Kickoff Meeting with Customer, Motorola Solutions, and NICE Systems.
- Run the Kickoff Meeting and record and distribute meeting minutes.
- Anticipated personnel from Motorola Solutions include the Motorola Solutions Project Manager (PM) and System Engineer.
- Attend any required site walks.
  - Anticipated personnel from Motorola Solutions include a System Engineer.
- Motorola Solutions will install the following at the Williams County ESOC after removing the existing equipment:
  - One (1) NRX Recorder.
  - One (1) Inform Server.
- Motorola Solutions to oversee the following work by NICE Systems:
  - Implement the proposed NRX Recorder to support 100 Cisco Active VoIP recordings and 48 Analog 2 wire recording and squelch.
  - Upgrade the Inform server from R6 to R7.
  - Expansion of the Inform to support the new NRX.
- Motorola Solutions will work with the county to implement a solution to arbitrate the audio of the Motorola Solutions Consoles and the Cisco 8811 VOIP Phones over a single headset.
- Motorola Solutions will generate the acceptance test plan and perform the testing with NICE Systems and Williamson County.
- Please reference 'Williamson County Network Requirements' document.

2.2 WILLIAMSON COUNTY RESPONSIBILITIES

- Assign a Project Manager, as the single point of contact responsible for Customer-signed approvals.
- Assign other resources necessary to ensure completion of project tasks for which the customer is responsible.
- Integrate the new Cisco Phone sets replacing the existing Avaya Phones before the implementation of the arbitration solution.
- The Customer is responsible for all wiring up to and including the demarcation point to include audio signaling and network.

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- The Customer is responsible for ensuring the availability and proper function of all audio streams for recording up to and including the demarcation point.
- Insure the availability and proper function of any data feeds being utilized for capture by the recording system including but not limited to ANI/ALI, Caller ID, CTI, etc. up to and including the demarcation point whether hard point or LAN based.
- Insure all audio and LAN connections are terminated within no more than ten feet of the NRX equipment location.
- Insure that Cisco phone models fall within the list of supported phone sets listed in https://developer.cisco.com/site/uc-manager-sip/faq/supported/ to support active recording.
- Insure JTAPI license are available for this project.
- In the event active recording is not possible, the Customer is responsible for any Port spanning/mirroring or packet duplication to facilitate VOIP recording.
- The customer is responsible for any configuration of duplicate audio/SIP streams for “2N” or secondary recording system.
- The Customer shall be responsible to provide detailed schematic of infrastructure, including details of all routers/switches for the data network relating to the recorder system and the mapping of phone lines in the system.
- Insure that rack space and power are available for the proposed equipment. Electrical connectors for all NICE recording systems are standard NEMA 5-15P, 3-wire, non-locking, straight blade, grounded plugs.
- Insure all electrical outlets for the proposed system are located no more than three (3) feet from the rear of the equipment location.
- The customer’s key project team participants attend the meeting.
- Provide proper environment to work on the system.
- Please reference ‘Williamson County Network Requirements’ document.

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SECTION 3

CISCO ENVIRONMENTAL INTEGRATION

Please see the following pages for the CISCO Environmental Integration.

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to the restrictions on the cover page.

Integrations

Cisco Active (JTAPI) Software version: 6.3.x AND 7.0.x

Integrations

Cisco Active

Table of Content (TOC)

	Switch version	Interface	Recording Method	Notes	
Vendor	Cisco Unified Communications Manager	JTAPI			
NICE CTI Sofware version 6.5.x	CuCM version 6.1.2, 7	JTAPI	Automatic recording Application invoked recording	No support for JTAPI Device Profile monitoring	Last Date of Support:App. SW June 30, 2015
NICE CTI Sofware version 7.x	CuCM version 8.6 - 11.0, 11.5 BE6000S, BE7000	JTAPI	Automatic recording, Application invoked recording	Support for JTAPI Device Profile monitoring CuCM 11.5 Certified by Cisco - October 2016	

Licensing	Release 5	Release 6	Notes	
Virtual Dongle (FQDN)	×	√	Virtual dongle is installed on each Satellite (One virtual dongle at minimum is required)	
Parrot DSC Board	√	√ (2 at minimum)	At least two PCI or PCI Express boards required (2 CTI Licenses, SIP TRUNK and JTAPI each CTI requires one DSC Card) One DSC Card per satellite	

	Release 5	Release 6	Notes
Recorder Versions	5.4*	6.0.5 - 6.6.x	Release 5 is supported up to NR CTI Cisco_Active_IP_5.0.2 CTI SOFTWARE KIT CTI Call Controller version (CCv): 4.x

Operating System	32 bit	64 bit	Notes
Windows 2003 32bit	×	×	
Windows 2008 R2	×	√	
Windows 2012 R2	×	√	*Requires NTR 6.6. & NTR Cisco kit v7.2.7 or higher*

Performance Counters	#	Remarks
Busy Hour Call Attempts	20,000	Calls attempts per hour
Concurrent Turrets / Phones	4,000	Phones
Concurrent Channels	4,000	Without Redundant satellite pool channels/satellite's
Channels per Satellite (max)	1,000	NICE Approval > 500 channels

Recording Method	Rules Based Recording	Channel Mapping	Free Seating	Codec	Warning Tone	Method
Active VoIP	√	Dynamic per call	√	G711, G729a, G722	×	Active VoIP

Recording	Extension ID	Record on Demand	Notes
Triggered by	√	√	Extension Mobility supported

Supported Targets	Phone Types	Notes
Active VoIP	- 3rd generation (and higher) with 'Built-in-Bridge' (BIB), for complete list see Notes - Softphones with IP Communicator version 7	https://developer.cisco.com/site/uc-manager-sip/faq/supported/

CTI Fields		
Name	**Supported**	**Remarks**
Agent ID	×	
All Parties	√	
Answering Party	×	
Called Party	√	
Calling Party	√	
Conference Parties	×	
Extension	√	In ExtraFields.ini and Database indicated as 'Phone Number'
Int-Ext	√	Call type: Internal or External
Last Cause	√	
Last Party	×	
Originating ACD	×	
Partition	√	
PBX Call ID	√	Call ID used in PBX system
Recording State	×	
Ringing Party	×	
Target ID	×	
Extension Partition	√	Concatenates Extension and Partition fields
Terminal ID	√	
Extension TerminalID	√	concatenates Extension and Terminal ID fields
End user (only 7.0.x)	√	The Extension Mobility user who's logged in to the recorded target phone (Only available in version 7.0.x)

Redundancy features			
Redundancy feature	**Supported**	**Remarks**	**Notes**
Core N+1 Standby redundancy	√	Supported for Cisco CTI v6.x and higher. CTI/SAT Resiliency add-on required	Requires Distributed Core Deployment
CTI N+1 Standby Redundancy	√	CTI/SAT Resiliency add-on required. Preferred method: Satellite Pooling	Requires Distributed CTI Deployment
Satellite N+1 Standby TDM redundancy	na		
Satellite pooling	√	Based on dynamic channel allocation.	Requires Satellite Distributed Deployment
2N Satellite Redundancy	na		
2N CDR Redundancy	na		
2N Recording	na		

CTI Role features			
CTI feature	**Supported**	**Remarks**	**Notes**
CT6 Rules Engine (Sel. Rec.)	√		
Scheduled Recording	×		
OCCI API	√	CTI Recording Integration supports the Open Call Controller (OCC), commonly referred to as Open Call Controller Interface or OCCI. It is installed as an add-on on the CTI Server. Its setup adds the OCC Web Service to the IIS.	
Passive Trunk + CTI Recording	×		
Passive Set + CTI Recording	×		
Active Recording	√		
Extension Based Recording	√		
Encryption Phones	√	SRTP	

Encryption Recording	√	SIP Trunk and JTAPI Encryption	
Multiple CTI Server	√	Recording Solution maximum 4 CTI Servers (or 2 CTI N+1 pairs) can be integrated with one Core Serv	e.g. Cisco Active + Etradeal Active
CTI Link failover	√	Maximum of 8 links in total (A link can be either independent or a failover link)	
CTI Link Groups	√	Maximum of 8 links in total (A link can be either independent or a failover link)	
Preferred Satellite Routing	√	The calls of all targets of this group are recorded on the selected satellite, as long as it has free channels.	
Weighted Round-Robin	√	Ensures calls (of one channel group) are assigned consecutively to each satellite of the group	
Sticky Channels	√	The 'Sticky Channels' feature prevents the audio from being interrupted in case of CTI Server failover.	

Deployment Options			
Deployment Type	**Supported**	**Comment**	**Deployement Name**
Distributed	√	- Dedicated server's for each NTR role (Satellite, Core, CTI and CDR) - Max 4000 Concurrent Recording channels or a maximum of 16 Satellites - Max 4 CTI Servers Requires Multiple CTI Server support - Max 8 CDR Server's (Excluding Standby CDR Servers)	**Distributed**
Unified Solution	√	- All in one solution. (1 Server Solution) - No Standby redundancy support (Core- , CTI- and Satellite N+1 Standy cot supported) - Max 250 recording channels / 1 Server - One CTI / CDR Role Supported	**Unified**
Core & Satellite	√	- No Standby redundancy support (Core- , and Satellite N+1 Standy NOT supported) - CTI N+1 Standby Supported - Max 250 recording channels	**Semi-Distributed**
Core & CTI	√	- No standby redundancy support (CTI - , and Core N+1 Standy NOT supported) - Satelllite N+1 Standby Supported - Max 1500 recording channels in total and maximum of 5 Satellites	**Semi-Distributed**
Satellite & CTI	×		

Telephony features			
Feature	**Supported**	**Remarks**	
Record on Demand	√	CuCM 10.x or higher	
Playback to Extension	×		
Support for JTAPI Device Profile monitoring	√		
Automated Voice Metric (SNMP Alarm)	√	An alarm is generated when the voice metric is below the assigned threshold value for the defined number of consecutive calls:Voice activity alarm (1018: No voice recorded for N times on channel X)	- NTR version 6.5.11 or higher - No additional license required - Historical calls will not be processed
Automated Voice Metric (AVM) Score	√	Each recorded call has a calculated voice metric between 0-100 (0 is low) that indicates how much speech quality the recording contains.	- NTR version 6.5.11 or higher - No additional license required - Historical calls will not be processed

Considerations/Limitations	
Network latency NTR	Latency: Roundtrip delay between NTR servers < 100ms
Network latency NTR - PBX	Latency: Roundtrip delay between NTR and PBX < 150ms

SECTION 4

SYSTEM PRICING

Motorola Solutions' system solution and services are priced as follows:

Total solution price per equipment and services outlined in this proposal.

Description	Total
Motorola NICE Cisco Integration	$263,983.00
City of Austin Discount / HGAC	($26,209.00)
Grand Total	**$243,218.00**
Pricing Includes Phone System Arbitration	

Description	Total
Project price breakdown:	
Equipment	*$132,824*
Services	*$110,394*
Equipment: Equipment list in the equipment section of this proposal	
Services Breakdown:	
Project Management	$13,364
Motorola Engineering / System Technologist (98.90 Days)	$18,636
MSS and NICE Subcontracting Services / Material	$56,055
Warranty Wrap / Enhanced System Support - Gold Level (24x7 Warranty Wrap Coverage)	$22,339

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SECTION 5

CONTRACTUAL DOCUMENTATION

Please see the following pages for the HGAC Communications System Purchase Agreement (SPA) H-GAC Agreement executed in May of 2015.

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to the restrictions on the cover page.

SYSTEM PURCHASE AGREEMENT (Radio Systems)

THIS AGREEMENT ("Agreement") is made and entered into this _____ day of _____, by and between Motorola Solutions, Inc., a Delaware corporation duly authorized to conduct business in the State of Texas ("Motorola" or "Seller") and _____, a body corporate and politic ("Purchaser").

WITNESSETH:

WHEREAS, the Purchaser desires to purchase a Communications System; and

WHEREAS, Motorola desires to sell a Communications System to Purchaser; and

WHEREAS, Houston-Galveston Area Council ("H-GAC"), acting as the agent for various local governmental entities who are "End Users" under interlocal agreements (including the Purchaser) has solicited proposals for radio communications equipment and conducted discussions with Motorola concerning its proposal and, where applicable, in accordance with the competitive procurement procedures of Texas law; and

WHEREAS, H-GAC and Motorola entered into that certain Contract dated as of May 1, 2015 (the "Contract"), which provided that End Users may purchase radio communications equipment from Motorola pursuant to certain terms contained therein; and

WHEREAS, pursuant to Article 6 of the Contract, Motorola and Purchaser now wish to enter into this System Purchase Agreement to delineate the specific terms of the purchase of radio communications equipment from Motorola by the Purchaser.

THEREFORE, the parties hereby enter into an agreement pursuant to which Motorola shall perform the work and furnish the equipment and services as more fully set forth herein and in the following exhibits, which are either attached hereto or incorporated by reference and hereby made a part of this Agreement:

Exhibit A General Provisions.

Exhibit B Motorola Software License Agreement.

Exhibit C Technical and Implementation Documents, consisting of: _____ all dated _____.

Exhibit D Motorola/H-GAC Contract dated May 1, 2015.

Exhibit E Warranty and Maintenance Plan and Service Terms and Conditions (if applicable).

NOW, THEREFORE, for and in consideration of the mutual promises and covenants contained herein, the parties agree as follows:

Section 1 SCOPE OF WORK

A. Motorola shall furnish all of the equipment and software as outlined in Exhibit C and provide the tools, supplies, labor and supervision necessary for the installation of the items purchased in accordance with Exhibit C.

B. In addition to responsibilities described in the Statement of Work, Purchaser shall perform the following coincident with the performance of this Agreement:

(1) Provide a designated Project Director.

(2) Provide ingress and egress to Purchaser's facilities and/or sites as requested by Motorola and have such facilities available for installation of the equipment to be installed.

(3) Provide adequate telephone or other communications lines (including modem access and adequate interfacing networking capabilities) for the installation, operation and support of the equipment.

(4) Provide adequate space, air conditioning and other environmental conditions, and adequate and appropriate electrical power outlets, distribution, equipment and connections for the installation, operation and support of the equipment.

(5) Provide a designated work area with adequate heat and light, and a secure storage area for equipment delivered to the Purchaser. The Purchaser shall be solely liable for loss or damage to equipment prior to, during and following installation when such equipment is on or within Purchaser's facilities and/or vehicles.

Section 2 SITES

This Agreement is predicated on the utilization of sites and site configurations, which have been selected either by the Purchaser or by Motorola and set forth in Exhibit C. In either situation, should it be determined by either Motorola or Purchaser during the course of performance on this Agreement that the sites or configuration selected are no longer available or desired, new or replacement sites or configuration will be selected and approved by both Motorola and the Purchaser. If any price or schedule adjustments are necessary as a result of these new or replacement sites, such adjustments will be added to this Agreement by change order in accordance with Section 4 of the General Provisions.

Section 3 SUBSURFACE/STRUCTURAL CONDITIONS

This Agreement is predicated upon normal soil conditions defined by E.I.A. standard RS-222 (latest revision). Should Motorola encounter subsurface, structural, adverse environmental and/or latent conditions at any site differing from those indicated on the specifications, or as used in the preparation of the bid price, the Purchaser will be given immediate notice of such conditions before they are further disturbed. Thereupon, Motorola and the Purchaser shall

promptly investigate the conditions and, if found to be different, will adjust the plans and/or specifications as may be necessary. Any changes that cause an adjustment in the contract price or in time required for the performance of any part of the contract shall result in a contract modification in accordance with Section 4 of the General Provisions.

Section 4 PERIOD OF PERFORMANCE

A. Motorola projects that it will be able to obtain final acceptance and completion of the Acceptance Test Plan within the time interval specified in Exhibit C (if applicable). A more detailed timeline shall be provided to Purchaser after the design review and customer kick-off meeting.

B. Whenever a party knows or reasonably should know that any actual or potential condition due to circumstances beyond its control is delaying or threatens to delay the timely performance of the work, the party shall within thirty (30) days give the other party notice thereof and may request an extension of time to perform the work.

C. In order to successfully integrate and implement this project, shipments will be made F.O.B. Destination to Purchaser facilities, local Motorola staging facilities, warehousing facilities, or any combination thereof. It is agreed that this plan is acceptable to Purchaser and that Motorola will advise prior to shipment of actual destination and that Purchaser will accept shipment, and make payment as required by this Agreement.

D. It is also agreed that equipment shipping dates reflected in this Agreement are estimates only, and that shipment may be made at any time prior to, or subsequent to these estimated shipping dates.

Section 5 ACCEPTANCE CRITERIA

A. Motorola will test the Communications System in accordance with the Acceptance Test Plan. System acceptance will occur upon the successful completion of such testing ("System Acceptance") at which time both parties shall promptly execute a certificate of system acceptance. If the Acceptance Test Plan includes separate tests for individual subsystems or phases of the System, both parties shall promptly execute certificates of subsystem acceptance upon the successful completion of testing of such subsystems or phases. Minor omissions or variances in performance which do not materially affect the operation of the Communications System as a whole will not postpone System Acceptance. Purchaser and Motorola will jointly prepare a list of such omissions and variances which Motorola will correct according to an agreed upon schedule.

B. Motorola agrees to notify Purchaser when the Communications System is ready for acceptance testing. Motorola and Purchaser agree to commence acceptance testing within ten (10) business days after receiving such notification. If testing is delayed for reasons within the control of Purchaser or its employees, contractors, agents or consultants for more than ten (10) business days after notification, final payment will be due within thirty (30) days after such notification and the Warranty Period will commence immediately.

C. Motorola may, but is not obligated to, issue written authorization for Purchaser to use the Communications System or its subsystem(s) for limited training or testing purposes, prior to the completion of testing by Motorola. Any use of the Communications System without prior written authorization by Motorola shall constitute System Acceptance.

Section 6 PAYMENT SCHEDULE

A. Motorola agrees to sell all of the equipment and perform the services as outlined in the Scope of Work, and Purchaser agrees to buy the aforementioned equipment and services for the sum of _____ ($_____), which includes the H-GAC administration fee. The final price may be adjusted by change orders approved pursuant to Statement of Work attached hereto as Exhibit "C".

B. Payments to Motorola shall be made according to the following milestones:

1. 20% of the total contract price is due upon completion of kick off / design review;

2. 60% of the total contract price will be invoiced immediately after the Equipment is shipped from Motorola's facilities;

3. 10% of the total contract price will be invoiced immediately after the Equipment is installed at the sites specified in the Exhibits; and

4. 10% of the total contract price will be invoiced immediately after System Acceptance.

Motorola reserves the right to make partial shipments of equipment and to request payment upon shipment of such equipment. In addition, Motorola reserves the right to invoice for installations or civil work completed on a site-by-site basis, when applicable.

C. In the event of failure or delay by the Purchaser in providing sites, space, approvals, licenses, or any other Purchaser obligations required preceding delivery of Motorola equipment, it is agreed that Motorola, at its sole discretion, may ship equipment as planned and that the Purchaser will accept the equipment and make payment in accordance with the terms of this Agreement. Any additional costs incurred by Motorola for storage of equipment will be invoiced and paid by Purchaser.

D. Payments to Motorola shall be made as follows:

(i) Motorola shall immediately forward an invoice for the payment requested in Section 6(B) above to Purchaser.

(ii) Purchaser shall pay the Motorola invoice within thirty (30) calendar days of receipt.

E. Motorola will pay H-GAC's administrative fee in accordance with the payment terms of Motorola/H-GAC Contract dated May 1, 2015.

F. TERM. Unless terminated in accordance with other provisions of this Agreement or extended by mutual agreement of the Parties, the term of this Agreement begins on the date as set forth above and continues until the date of Final Project Acceptance or expiration of the Warranty Period, whichever occurs last.

Section 7 PROJECT MANAGEMENT

A. If the size or complexity of the project warrants, Motorola will assign a Project Manager, who is authorized to exercise technical direction of this project. Motorola, at any time, may designate a new or alternate Project Manager with written notice to Purchaser and H-GAC.

B. All matters affecting the terms of this Agreement or the administration thereof shall be referred to Motorola's cognizant Contract Administrator who shall have authority to negotiate changes in or amendments to this Agreement.

Section 8 NOTICE ADDRESSES

A. Motorola Solutions, Inc.
1303 East Algonquin Road
Schaumburg, IL 60196
Attn.: Law Department

B.

C. Houston-Galveston Area Council
3555 Timmons Lane, Suite 120
Houston, Texas 77027
Attn.: Public Services Manager

Section 9 ORDER OF PRECEDENCE

In the event of an inconsistency in this Agreement, the inconsistency shall be resolved in the following order:

The main body of this Agreement.

Exhibit A General Provisions.

Exhibit B Motorola Software License.

Exhibit C Technical and Implementation Documents, consisting of: _____.

Exhibit E Warranty and Maintenance Plan and Service Terms and Conditions (if applicable)

Exhibit D Motorola/H-GAC Contract dated _____.

Section 10 DISPUTES

Motorola and the Purchaser will attempt to settle any claim or controversy arising out of this Agreement through consultation and negotiation in good faith and a spirit of mutual cooperation. If those attempts fail, then the dispute will be mediated by a mutually acceptable mediator to be chosen by Motorola and the Purchaser within thirty (30) days after written notice by one of the parties demanding non-binding mediation. Neither party may unreasonably withhold consent to the selection of a mediator. Motorola and the Purchaser will bear their own costs but will share the cost of the mediator equally. By mutual agreement, however, Motorola and Purchaser may postpone mediation until both parties have completed some specified but limited discovery about the dispute. The parties may also agree to replace mediation with some other form of non-binding alternate dispute resolution procedure ("ADR").

Any dispute which cannot be resolved between the parties through negotiation or mediation within two (2) months of the date of the initial demand for it by one of the parties may then be submitted to a court of competent jurisdiction in Texas. Both Motorola and Purchaser consent to jurisdiction over it by such a court. All communications pursuant to the negotiation and mediation will be treated as compromise and settlement negotiations for purposes of applicable rules of evidence and any additional confidentiality protections provided by applicable law. The use of any ADR procedures will not be considered under the doctrine of laches, waiver or estoppel to affect adversely the rights of either party. Nothing shall prevent either of the parties from resorting to the judicial proceedings mentioned in this paragraph if (a) good faith efforts to attempt resolution of the dispute under these procedures have been unsuccessful or (b) interim relief from the court is necessary to prevent serious and irreparable injury to one of the parties or others.

Section 11 SEVERABILITY

If any portion of this Agreement or any exhibits hereto is held to be invalid, such provision or portion of such provision shall be considered severable, and the remainder of this Agreement shall not be affected.

Section 12 HEADINGS AND SECTION REFERENCES

The headings given to the paragraphs are inserted for convenience only and are in no way to be construed as part of this Agreement or as a limitation of the scope of the particular paragraph to which the heading refers.

Section 13 SURVIVAL OF TERMS

The following provisions will survive the expiration or termination of this Agreement for any reason: Section 6 (Payment Schedule) if any payment obligations exist; Section 9 (Order of Precedence); Section 10 (Disputes); Section 11 (Severability); Section 12 (Headings and Section References); Section 13 (Survival of Terms) and Section 14 (Full Agreement).

Section 14 FULL AGREEMENT

This Agreement and its Exhibits constitute the final expression of the agreement of the parties and supersedes all previous agreements and understandings, whether written or oral, relating to the work. This Agreement may be executed in multiple counterparts, each of which shall be an original and all of which shall constitute one and the same instrument. A facsimile copy or computer image, such as a PDF or tiff image, or a signature shall be treated as and shall have the same effect as an original signature. In addition, a true and correct facsimile copy or computer image of this Agreement shall be treated as and shall have the same effect as an original signed copy of this document. This Agreement may not be altered, amended, or modified except by written instrument signed by duly authorized representatives of the parties. The preprinted terms and conditions found on any Purchaser purchase order, acknowledgment or other form will not be considered an amendment or modification of this Agreement, even if a representative of each party signs that document.

IN WITNESS WHEREOF, the parties have caused this Agreement to be executed by their duly authorized representatives as of the last day and year written below.

MOTOROLA SOLUTIONS, INC.	**PURCHASER**
By: _____ (Signature)	By: _____ (Signature)
Name: _____ (Print - Block Letters)	Name: _____ (Print - Block Letters)
Title: _____ (Print - Block Letters)	Title: _____ (Print - Block Letters)
Date: _____	Date: _____

EXHIBIT A
GENERAL PROVISIONS
MOTOROLA SOLUTIONS, INC.

Section 1 STANDARDS OF WORK

Motorola agrees that the performance of work described in this Agreement and pursuant to this Agreement shall be done in a professional manner and shall conform to professional standards. All packaging and packing shall be in accordance with good commercial practice.

Section 2 TAXES

The prices set forth in the Agreement are exclusive of any amount for Federal, State or Local excise, sales, lease, gross income service, rental, use, property, occupation or similar taxes. If any taxes are determined applicable to this transaction or Motorola is required to pay or bear the burden thereof, the Purchaser agrees to pay to Motorola the amount of such taxes and any interest or penalty thereon no later than thirty (30) days after receipt of an invoice therefor.

Section 3 SHIPPING, TITLE AND RISK OF LOSS

All sales and deliveries are F.O.B. Destination. Motorola reserves the right to make deliveries in installments and the Agreement shall be severable as to such installments. Title to the equipment shall pass to the Purchaser upon receipt at the F.O.B. Destination. After delivery to the F.O.B. Destination, risk of loss and damage to the articles shall be borne by the Purchaser. The above notwithstanding, title to software and any third party supplied software shall not pass upon payment of the license fee therefor or under any circumstances.

Section 4 CHANGES IN THE WORK

A. The Purchaser may, at any time, by written order, make changes within the general scope of the work, including but not limited to revisions of, or additions to, portions of the work, or changes in method of shipment or packaging and place of delivery.

B. If any order under this Section 4 causes an increase or decrease in the cost of or time required for the performance of any part of the work under this Agreement, an equitable adjustment shall be made in the Agreement price or delivery schedule, or both, and the Agreement shall be modified in writing accordingly. Motorola is not obligated to comply with any order hereunder unless and until the parties reach agreement as to the aforementioned equitable adjustment and same is reflected as an addendum to this Agreement.

Section 5 LIMITATION OF LIABILITY

Except for personal injury or death, Motorola's total liability whether for breach of contract, warranty, negligence, indemnification, strict liability in tort or otherwise, is limited to the price of the particular products or services sold hereunder with respect to which losses or damages are claimed. IN NO EVENT WILL MOTOROLA BE LIABLE FOR ANY LOSS OF USE, LOSS OF TIME, INCONVENIENCE, COMMERCIAL LOSS, LOST PROFITS OR SAVINGS OR OTHER INCIDENTAL, SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES TO THE FULL EXTENT SUCH MAY BE DISCLAIMED BY LAW. This limitation of liability provision survives the expiration or termination of the Agreement and applies notwithstanding any contrary provision. No action shall be brought for any breach of this contract more than two (2) years after the accrual of such cause of action except for money due upon an open account.

Section 6 EXCUSABLE DELAYS

A. Neither Motorola nor the Purchaser shall be responsible for delays or lack of performance resulting from acts beyond the reasonable control of the party or parties. Such acts shall include, but are not be limited to, acts of God; fire; strikes; material shortages; compliance with laws or regulations; riots; acts of war; or any other conditions beyond the reasonable control of the party or parties.

B. Delays as identified herein may cause an impact on the Period of Performance stated in the Agreement. Such delays will be subject to an Agreement addendum as described in Section 4.

Section 7 DEFAULT

A. If either party fails to perform a material obligation under this Agreement, the other party may consider the non-performing party to be in default (unless such failure has been caused by the conditions set forth in Section 6 of these General Provisions) and may assert a default claim by giving the non-performing party a written and detailed notice of default. Except for a default by Purchaser for failing to pay any amount when due under this Agreement which must be cured immediately, the defaulting party will have thirty (30) days after receipt of the notice of default to either cure the default or, if the default is not curable within thirty (30) days, provide a written cure plan. The defaulting party will begin implementing the cure plan immediately after receipt of notice by the other party that it approves the plan. If Purchaser is the defaulting party, Motorola may stop work on the project until it approves the Purchaser's cure plan.

B. If a defaulting party fails to cure the default as provided above in Section 7.A, unless otherwise agreed in writing, the non-defaulting party may terminate any unfulfilled portion of this Agreement. In the event of termination for default, the defaulting party will promptly return to the non-defaulting party any of its confidential information. If Purchaser is the non-defaulting party, terminates this Agreement as

permitted by this Section, and completes the System through a third party, Purchaser may as its exclusive remedy recover from Motorola reasonable costs incurred to complete the System to a capability not exceeding that specified in this Agreement less the unpaid portion of the contract price. Purchaser will mitigate damages and provide Motorola with detailed invoices substantiating the charges. IN THE EVENT OF DEFAULT, MOTOROLA SHALL NOT BE LIABLE FOR ANY INCIDENTAL, LIQUIDATED, SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES.

Section 8 DELAYS BY PURCHASER

If the Purchaser is responsible for delays in the schedule set forth in the Agreement, the Purchaser shall be liable for actual costs incurred by Motorola resulting from these delays if Motorola requests compensation. Such charges may include, but are not limited to, additional Engineering; rescheduling charges; storage charges; maintenance charges; and transportation charges. The Purchaser shall have the option to attempt to minimize actual costs incurred by storing and transporting equipment at its own expense. Such delays will be subject to an Agreement addendum as described in Section 4.

Section 9 LICENSES/AUTHORIZATION

The Purchaser is solely responsible for obtaining any licenses or other authorizations required by the Federal Communications Commission and for complying with FCC rules. Neither Motorola nor any of its employees is an agent or representative of the Purchaser in FCC matters or otherwise. Motorola, however, may assist in the preparation of the license application at no charge to the Purchaser. Purchaser acknowledges that project implementation is predicated on receipt of proper FCC licensing.

Section 10 INDEMNIFICATION

Motorola agrees to and hereby indemnifies and saves Purchaser harmless from all liabilities, judgments, costs, damages and expenses which may accrue against, be charged to, or recovered from the Purchaser by reason of or on account of damage to the tangible property of the Purchaser or the property of, injury to, or death of any person, to the extent and in the proportion that such damage or injury is caused by Motorola's negligent acts or omissions or that of its employees, subcontractors, or agents while on the premises of the Purchaser during the delivery and installation of the communications equipment. IN NO EVENT WILL MOTOROLA BE LIABLE FOR INCIDENTAL, SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES.

Section 11 WARRANTIES

A. WARRANTY PERIOD. Upon System Acceptance, the System Functionality representation described below is fulfilled. The Equipment and Motorola Software is warranted for a period of one (1) year after System Acceptance ("Warranty Period") in accordance with the applicable limited warranties shown below. In no event will the warranty period last longer than eighteen (18) months after the Equipment and Software

is shipped from Motorola. Purchaser must notify Motorola in writing if Equipment or Motorola Software does not conform to these warranties no later than one month after the expiration of the Warranty Period.

B. SYSTEM FUNCTIONALITY. Motorola represents that the Communications System will satisfy the functional requirements in Exhibit C. Upon System Acceptance, this System Functionality representation is fulfilled. After System Acceptance, the Equipment Warranty set forth below and the Software Warranty set forth in the Software License Agreement will apply.

Motorola will not be responsible for performance deficiencies of the System caused by ancillary equipment not furnished by Motorola which is attached to or used in connection with the System provided hereunder. Additionally, Motorola will not be responsible for System performance when the functionality is reduced for reasons beyond Motorola's control including, but not limited to, i) an earthquake, adverse atmospheric conditions or other natural causes; ii) the construction of a building that adversely affects the microwave path reliability or RF coverage; iii) the addition of additional frequencies at System sites that cause RF interference or intermodulation; iv) Purchaser changes to load usage and/or configuration outside the parameters specified in Exhibit C; v) any other act of parties who are beyond Motorola's control, including Purchaser or its employees, contractors, consultants or agents.

C. EQUIPMENT WARRANTY. Motorola warrants the Equipment against material defects in material and workmanship under normal use and service during the Warranty Period. Unless otherwise specified in writing, the Warranty Period for non-Motorola manufactured Equipment will be as stated in this Section. At no additional charge and at its option, Motorola will either repair the defective Equipment, replace it with the same or equivalent Equipment, or refund the purchase price of the defective Equipment, and such action on the part of Motorola will be the full extent of Motorola's liability hereunder. Repaired or replaced Equipment is warranted for the balance of the original applicable warranty period. All replaced parts of the Equipment shall become the property of Motorola.

THIS WARRANTY DOES NOT APPLY TO

a) Defects or damage resulting from use of the Equipment in other than its normal and customary manner.

b) Defects or damage occurring from misuse, accident, liquids, neglect or acts of God.

c) Defects or damage occurring from testing, maintenance, installation, alteration, modification, or adjustment not provided by Motorola pursuant to this System Purchase Agreement.

d) Breakage of or damage to antennas unless caused directly by defects in material or workmanship.

e) Equipment that has been subjected to unauthorized modifications, disassembly or repairs (including the addition to the Equipment of non-Motorola supplied equipment if not authorized by Motorola) which adversely affect performance of the Equipment or interfere with Motorola's normal warranty inspection and testing of the Equipment to verify any warranty claim.

f) Equipment that has had the serial number removed or made illegible.

g) Batteries (because they carry their own separate limited warranty).

h) Freight costs to the repair depot.

i) Equipment that has been subject to illegal or unauthorized alteration of the software/firmware in the Equipment.

j) Scratches or other cosmetic damage to Equipment surfaces that does not affect the operation of the Equipment.

k) Software.

l) Normal or customary wear and tear.

D. Motorola Software Warranty. Motorola Software is warranted in accordance with the terms of the Software License Agreement attached as Exhibit B.

E. These express limited warranties as set forth in this Section are extended by Motorola to the original end user purchasing or leasing the System for commercial, industrial, or governmental use only, and are not assignable or transferable. These are the complete warranties for the Equipment and Software provided pursuant to this Agreement.

F. THESE WARRANTIES ARE GIVEN IN LIEU OF ALL OTHER WARRANTIES. MOTOROLA DISCLAIMS ALL OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OR CONDITIONS OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT WILL MOTOROLA BE LIABLE FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE EQUIPMENT. IN NO EVENT WILL MOTOROLA BE LIABLE FOR ANY LOSS OF USE, LOSS OF TIME, INCONVENIENCE, COMMERCIAL LOSS, LOST PROFITS OR SAVINGS OR OTHER INCIDENTAL, SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE EQUIPMENT, TO THE FULL EXTENT SUCH MAY BE DISCLAIMED BY LAW.

Section 12 CONFIDENTIAL INFORMATION

Motorola proprietary computer programs will be released in accordance with the Software License provisions set forth elsewhere, if applicable. All other material and information of confidential nature marked Motorola PROPRIETARY and/or CONFIDENTIAL will be released as necessary under the following conditions:

(1) Purchaser shall exercise reasonable and prudent measures to keep these items in confidence.

(2) Purchaser shall not disclose these items to third parties without prior written permission, unless Motorola makes them public or Purchaser learns them rightfully from sources independent of Motorola, or it is required by law to be disclosed.

(3) Motorola, where necessary, retains the right to prescribe specific security measures for the Purchaser to follow to maintain the confidentiality.

In the event disclosure of such information is necessary, a separate Non-Disclosure Agreement will be required.

Section 13 SOFTWARE LICENSE

A. Motorola Software. Any Motorola Software furnished will be licensed to Purchaser solely according to the terms and restrictions of the Software License Agreement attached as Exhibit B. Purchaser hereby accepts all of the terms and restrictions of the Software License Agreement.

B. Non-Motorola Software. Any Non-Motorola Software furnished by Motorola will be subject to the terms and restrictions of its copyright owner unless such copyright owner has granted to Motorola the right to sublicense such Non-Motorola Software pursuant to the Software License Agreement, in which case the Software License Agreement (including any addendum to satisfy such copyright owner's requirements) shall apply and and the copyright owner will have all of Motorola's rights and protections under the Software License Agreement.

Section 14 PATENT INDEMNIFICATION

A. Motorola will defend at its expense any suit brought against Purchaser to the extent it is based on a third-party claim alleging that the Equipment manufactured by Motorola or the Motorola Software ("Motorola Product") directly infringes a United States patent or copyright ("Infringement Claim"). Motorola's duties to defend and indemnify are conditioned upon: Purchaser promptly notifying Motorola in writing of the Infringement Claim; Motorola having sole control of the defense of the suit and all negotiations for its settlement or compromise; and Purchaser providing to Motorola cooperation and, if requested by Motorola, reasonable assistance in the defense of the Infringement Claim. In addition to Motorola's obligation to defend, and subject to the

same conditions, Motorola will pay all damages finally awarded against Purchaser by a court of competent jurisdiction for an Infringement Claim or agreed to, in writing, by Motorola in settlement of an Infringement Claim.

B. If an Infringement Claim occurs, or in Motorola's opinion is likely to occur, Motorola may at its option and expense: (a) procure for Purchaser the right to continue using the Motorola Product; (b) replace or modify the Motorola Product so that it becomes non-infringing while providing functionally equivalent performance; or (c) accept the return of the Motorola Product and grant Purchaser a credit for the Motorola Product, less a reasonable charge for depreciation. The depreciation amount will be calculated based upon generally accepted accounting standards.

C. Motorola will have no duty to defend or indemnify for any Infringement Claim that is based upon: (a) the combination of the Motorola Product with any software, apparatus or device not furnished by Motorola; (b) the use of ancillary equipment or software not furnished by Motorola and that is attached to or used in connection with the Motorola Product; (c) Motorola Product designed or manufactured in accordance with Purchaser's designs, specifications, guidelines or instructions, if the alleged infringement would not have occurred without such designs, specifications, guidelines or instructions; (d) a modification of the Motorola Product by a party other than Motorola; (e) use of the Motorola Product in a manner for which the Motorola Product was not designed or that is inconsistent with the terms of this Agreement; or (f) the failure by Purchaser to install an enhancement release to the Motorola Software that is intended to correct the claimed infringement. In no event will Motorola's liability resulting from its indemnity obligation to Purchaser extend in any way to royalties payable on a per use basis or the Purchaser's revenues, or any royalty basis other than a reasonable royalty based upon revenue derived by Motorola from Purchaser from sales or license of the infringing Motorola Product.

D. This Section 14 provides Purchaser's sole and exclusive remedies and Motorola's entire liability in the event of an Infringement Claim. Purchaser has no right to recover and Motorola has no obligation to provide any other or further remedies, whether under another provision of this Agreement or any other legal theory or principle, in connection with an Infringement Claim. In addition, the rights and remedies provided in this Section 14 are subject to and limited by the restrictions set forth in Section 5.

Section 15 DISCLAIMER OF PATENT LICENSE

Nothing contained in this Agreement shall be deemed to grant, either directly or by implication, estoppel, or otherwise, any license under any patents or patent applications of Motorola, except that Purchaser shall have the normal non-exclusive royalty-free license to use that is implied, or otherwise arises by operation of law, in the sale of a product.

Section 16 WAIVER

Failure or delay on the part of Motorola or Purchaser to exercise a right or power hereunder shall not operate as a waiver of the right or power. For a waiver of a right or power to be effective, it must be in a writing signed by the waiving party. An effective waiver of a right or power will not be construed as either a future or continuing waiver of that same right or power, or the waiver of any other right or power.

Section 17 GOVERNING LAW

This Agreement shall be governed by and construed in accordance with the laws of the State of Texas.

Section 18 ASSIGNABILITY

Except as provided herein, neither party may assign this Agreement or any of its rights or obligations hereunder without the prior written consent of the other party, which consent will not be unreasonably withheld. Any attempted assignment, delegation, or transfer without the necessary consent will be void. Notwithstanding the foregoing, Motorola may assign this Agreement to any of its affiliates or its right to receive payment without the prior consent of Purchaser. In addition, in the event Motorola separates one or more of its businesses (each a "Separated Business"), whether by way of a sale, establishment of a joint venture, spin-off or otherwise (each a "Separation Event"), Motorola may, without the prior written consent of the other party and at no additional cost to Motorola, assign this Agreement such that it will continue to benefit the Separated Business and its affiliates (and Motorola and its affiliates, to the extent applicable) following the Separation Event. Motorola may subcontract any of the work, but subcontracting will not relieve Motorola of its duties under this Agreement..

Section 19 SURVIVAL OF TERMS

The following provisions will survive the expiration or termination of this Agreement for any reason: Section 2 (Taxes); Section 5 (Limitation of Liability); Section 7 (Default); Subsection 11.F (Disclaimer of Implied Warranties); Section 12 (Confidential Information); Section 13 (Software License); and Section 16 (Waiver); Section 17 (Governing Law) and Section 19 (Survival of Terms).

Section 20 ADMINISTRATOR LEVEL ACCOUNT ACCESS

Motorola will provide Purchaser with Administrative User Credentials. Purchaser agrees to only grant Administrative User Credentials to those personnel with the training or experience to correctly use the access. Purchaser is responsible for protecting Administrative User Credentials from disclosure and maintaining Credential validity by, among other things, updating passwords when required. Purchaser may be asked to provide valid Administrative User Credentials when in contact with Motorola System support. Purchaser understands that changes made as the Administrative User can significantly impact the performance of the System. Purchaser agrees that it will be solely responsible for any negative impact on the System or its users by any such changes. System issues occurring as a result of changes made by an Administrative User

may impact Motorola's ability to perform its obligations under the Agreement or its Maintenance and Support Agreement. In such cases, a revision to the appropriate provisions of the Agreement, including the Statement of Work, may be necessary. To the extent Motorola provides assistance to correct any issues caused by or arising out of the use of or failure to maintain Administrative User Credentials, Motorola will be entitled to bill Purchaser and Purchaser will pay Motorola on a time and materials basis for resolving the issue.

Section 21 MAINTENANCE SERVICE

If this Agreement contains a Warranty and Maintenance Plan, then, during the Warranty Period, in addition to warranty services, Motorola will provide maintenance services for the Equipment and support for the Motorola Software pursuant to the terms of this Agreement, including the Warranty and Maintenance Plan and Service Terms and Conditions. Such services and support are included in the Contract Price. If Customer wishes to purchase additional maintenance and support services during the Warranty Period, or any maintenance and support services after the Warranty Period, the description of and pricing for such services will be set forth in a separate document. Unless otherwise agreed by the Parties in writing, the terms and conditions applicable to such maintenance and support will be Motorola's standard Service Terms and Conditions, together with the appropriate statements of work.

Exhibit B

Software License Agreement

This Exhibit B, Software License Agreement ("Agreement") is between Motorola Solutions, Inc., ("Motorola"), and _____ ("Licensee").

For good and valuable consideration, the parties agree as follows:

Section 1 DEFINITIONS

1.1 "Designated Products" means products provided by Motorola to Licensee with which or for which the Software and Documentation is licensed for use.

1.2 "Documentation" means product and software documentation that specifies technical and performance features and capabilities, and the user, operation and training manuals for the Software (including all physical or electronic media upon which such information is provided).

1.3 "Open Source Software" means software with either freely obtainable source code, license for modification, or permission for free distribution.

1.4 "Open Source Software License" means the terms or conditions under which the Open Source Software is licensed.

1.5 "Primary Agreement" means the agreement to which this exhibit is attached.

1.6 "Security Vulnerability" means a flaw or weakness in system security procedures, design, implementation, or internal controls that could be exercised (accidentally triggered or intentionally exploited) and result in a security breach such that data is compromised, manipulated or stolen or the system damaged.

1.7 "Software" (i) means proprietary software in object code format, and adaptations, translations, de-compilations, disassemblies, emulations, or derivative works of such software; (ii) means any modifications, enhancements, new versions and new releases of the software provided by Motorola; and (iii) may contain one or more items of software owned by a third party supplier. The term "Software" does not include any third party software provided under separate license or third party software not licensable under the terms of this Agreement.

Section 2 SCOPE

Motorola and Licensee enter into this Agreement in connection with Motorola's delivery of certain proprietary Software or products containing embedded or pre-loaded proprietary Software, or both. This Agreement contains the terms and conditions of the license Motorola is providing to Licensee, and Licensee's use of the Software and Documentation.

Section 3 GRANT OF LICENSE

3.1. Subject to the provisions of this Agreement and the payment of applicable license fees, Motorola grants to Licensee a personal, limited, non-transferable (except as permitted in Section 7) and non-exclusive license under Motorola's copyrights and Confidential Information (as defined in the Primary Agreement) embodied in the Software to use the Software, in object code form, and the Documentation solely in connection with Licensee's use of the Designated Products. This Agreement does not grant any rights to source code.

3.2. If the Software licensed under this Agreement contains or is derived from Open Source Software, the terms and conditions governing the use of such Open Source Software are in the Open Source Software Licenses of the copyright owner and not this Agreement. If there is a conflict between the terms and conditions of this Agreement and the terms and conditions of the Open Source Software Licenses governing Licensee's use of the Open Source Software, the terms and conditions of the license grant of the applicable Open Source Software Licenses will take precedence over the license grants in this Agreement. If requested by Licensee, Motorola will use commercially reasonable efforts to: (i) determine whether any Open Source Software is provided under this Agreement; (ii) identify the Open Source Software and provide Licensee a copy of the applicable Open Source Software License (or specify where that license may be found); and, (iii) provide Licensee a copy of the Open Source Software source code, without charge, if it is publicly available (although distribution fees may be applicable).

Section 4 LIMITATIONS ON USE

4.1. Licensee may use the Software only for Licensee's internal business purposes and only in accordance with the Documentation. Any other use of the Software is strictly prohibited. Without limiting the general nature of these restrictions, Licensee will not make the Software available for use by third parties on a "time sharing," "application service provider," or "service bureau" basis or for any other similar commercial rental or sharing arrangement.

4.2. Licensee will not, and will not allow or enable any third party to: (i) reverse engineer, disassemble, peel components, decompile, reprogram or otherwise reduce the Software or any portion to a human perceptible form or otherwise attempt to recreate the source code; (ii) modify, adapt, create derivative works of, or merge the Software; (iii) copy, reproduce, distribute, lend, or lease the Software or Documentation to any third party, grant any sublicense or other rights in the Software or Documentation to any third party, or take any action that would cause the Software or Documentation to be placed in the public domain; (iv) remove, or in any way alter or obscure, any copyright notice or other notice of Motorola's proprietary rights; (v) provide, copy, transmit, disclose, divulge or make the Software or Documentation available to, or permit the use of the Software by any third party or on any machine except as expressly authorized by this Agreement; or (vi) use, or permit the use of, the Software in a manner that would result in the production of a copy of the Software solely by activating a machine containing the Software. Licensee may make one copy of Software to be used solely for archival, back-up, or disaster recovery purposes; *provided* that Licensee may not operate that copy of the Software at the same time as the original Software is being operated. Licensee may make as many copies of the Documentation as it may reasonably require for the internal use of the Software.

4.3. Unless otherwise authorized by Motorola in writing, Licensee will not, and will not enable or allow any third party to: (i) install a licensed copy of the Software on more than one unit of a Designated Product; or (ii) copy onto or transfer Software installed in one unit of a Designated Product onto one other device. Licensee may temporarily transfer Software installed on a Designated Product to another device if the Designated Product is inoperable or malfunctioning, if Licensee provides written notice to Motorola of the temporary transfer and identifies the device on which the Software is transferred. Temporary transfer of the Software to another device must be discontinued when the original Designated Product is returned to operation and the Software must be removed from the other device. Licensee must provide prompt written notice to Motorola at the time temporary transfer is discontinued.

4.4. When using Motorola's Radio Service Software ("RSS"), Licensee must purchase a separate license for each location at which Licensee uses RSS. Licensee's use of RSS at a licensed location does not entitle Licensee to use or access RSS remotely. Licensee may make one copy of RSS for each licensed location. Licensee shall provide Motorola with a list of all locations at which Licensee uses or intends to use RSS upon Motorola's request.

4.5. Licensee will maintain, during the term of this Agreement and for a period of two years thereafter, accurate records relating to this license grant to verify compliance with this Agreement. Motorola or an independent third party ("Auditor") may inspect Licensee's premises, books and records, upon reasonable

prior notice to Licensee, during Licensee's normal business hours and subject to Licensee's facility and security regulations. Motorola is responsible for the payment of all expenses and costs of the Auditor. Any information obtained by Motorola and the Auditor will be kept in strict confidence by Motorola and the Auditor and used solely for the purpose of verifying Licensee's compliance with the terms of this Agreement.

Section 5 OWNERSHIP AND TITLE

Motorola, its licensors, and its suppliers retain all of their proprietary rights in any form in and to the Software and Documentation, including, but not limited to, all rights in patents, patent applications, inventions, copyrights, trademarks, trade secrets, trade names, and other proprietary rights in or relating to the Software and Documentation (including any corrections, bug fixes, enhancements, updates, modifications, adaptations, translations, de-compilations, disassemblies, emulations to or derivative works from the Software or Documentation, whether made by Motorola or another party, or any improvements that result from Motorola's processes or, provision of information services). No rights are granted to Licensee under this Agreement by implication, estoppel or otherwise, except for those rights which are expressly granted to Licensee in this Agreement. All intellectual property developed, originated, or prepared by Motorola in connection with providing the Software, Designated Products, Documentation or related services, remains vested exclusively in Motorola, and Licensee will not have any shared development or other intellectual property rights.

Section 6 LIMITED WARRANTY; DISCLAIMER OF WARRANTY

6.1. The commencement date and the term of the Software warranty will be a period of ninety (90) days from Motorola's shipment of the Software (the "Warranty Period"). If Licensee is not in breach of any of its obligations under this Agreement, Motorola warrants that the unmodified Software, when used properly and in accordance with the Documentation and this Agreement, will be free from a reproducible defect that eliminates the functionality or successful operation of a feature critical to the primary functionality or successful operation of the Software. Whether a defect occurs will be determined by Motorola solely with reference to the Documentation. Motorola does not warrant that Licensee's use of the Software or the Designated Products will be uninterrupted, error-free, completely free of Security Vulnerabilities, or that the Software or the Designated Products will meet Licensee's particular requirements. Motorola makes no representations or warranties with respect to any third party software included in the Software.

6.2 Motorola's sole obligation to Licensee and Licensee's exclusive remedy under this warranty is to use reasonable efforts to remedy any material Software defect covered by this warranty. These efforts will involve either replacing the media or attempting to correct significant, demonstrable program or documentation errors or Security Vulnerabilities. If Motorola cannot correct the defect within a reasonable time, then at Motorola's option, Motorola will replace the defective Software with functionally-equivalent Software, license to Licensee substitute Software which will accomplish the same objective, or terminate the license and refund the Licensee's paid license fee.

6.3. Warranty claims are described in the Primary Agreement.

6.4. The express warranties set forth in this Section 6 are in lieu of, and Motorola disclaims, any and all other warranties (express or implied, oral or written) with respect to the Software or Documentation, including, without limitation, any and all implied warranties of condition, title, non-infringement, merchantability, or fitness for a particular purpose or use by Licensee (whether or not Motorola knows, has reason to know, has been advised, or is otherwise aware of any such purpose or use), whether arising by law, by reason of custom or usage of trade, or by course of dealing. In addition, Motorola disclaims any warranty to any person other than Licensee with respect to the Software or Documentation.

Section 7 TRANSFERS

Licensee will not transfer the Software or Documentation to any third party without Motorola's prior written consent. Motorola's consent may be withheld at its discretion and may be conditioned upon transferee paying all applicable license fees and agreeing to be bound by this Agreement. If the Designated Products are Motorola's radio products and Licensee transfers ownership of the Motorola radio products to a third party, Licensee may assign its right to use the Software (other than RSS and Motorola's FLASHport® software) which is embedded in or furnished for use with the radio products and the related Documentation; *provided* that Licensee transfers all copies of the Software and Documentation to the transferee, and Licensee and the transferee sign a transfer form to be provided by Motorola upon request, obligating the transferee to be bound by this Agreement.

Section 8 TERM AND TERMINATION

8.1 Licensee's right to use the Software and Documentation will begin when the Primary Agreement is signed by both parties and will continue for the life of the Designated Products with which or for which the Software and Documentation have been provided by Motorola, unless Licensee breaches this Agreement, in which case this Agreement and Licensee's right to use the Software and Documentation may be terminated immediately upon notice by Motorola.

8.2 Within thirty (30) days after termination of this Agreement, Licensee must certify in writing to Motorola that all copies of the Software have been removed or deleted from the Designated Products and that all copies of the Software and Documentation have been returned to Motorola or destroyed by Licensee and are no longer in use by Licensee.

8.3 Licensee acknowledges that Motorola made a considerable investment of resources in the development, marketing, and distribution of the Software and Documentation and that Licensee's breach of this Agreement will result in irreparable harm to Motorola for which monetary damages would be inadequate. If Licensee breaches this Agreement, Motorola may terminate this Agreement and be entitled to all available remedies at law or in equity (including immediate injunctive relief and repossession of all non-embedded Software and associated Documentation unless Licensee is a Federal agency of the United States Government).

Section 9 UNITED STATES GOVERNMENT LICENSING PROVISIONS

This Section applies if Licensee is the United States Government or a United States Government agency. Licensee's use, duplication or disclosure of the Software and Documentation under Motorola's copyrights or trade secret rights is subject to the restrictions set forth in subparagraphs (c)(1) and (2) of the Commercial Computer Software-Restricted Rights clause at FAR 52.227-19 (JUNE 1987), if applicable, unless they are being provided to the Department of Defense. If the Software and Documentation are being provided to the Department of Defense, Licensee's use, duplication, or disclosure of the Software and Documentation is subject to the restricted rights set forth in subparagraph (c)(1)(ii) of the Rights in Technical Data and Computer Software clause at DFARS 252.227-7013 (OCT 1988), if applicable. The Software and Documentation may or may not include a Restricted Rights notice, or other notice referring to this Agreement. The provisions of this Agreement will continue to apply, but only to the extent that they are consistent with the rights provided to the Licensee under the provisions of the FAR or DFARS mentioned above, as applicable to the particular procuring agency and procurement transaction.

Section 10 CONFIDENTIALITY

Licensee acknowledges that the Software and Documentation contain Motorola's valuable proprietary and confidential information and are Motorola's trade secrets. Licensee will not disclose the Software and Documentation to any third party except as permitted by this Agreement or expressly in writing by Motorola. Licensee will take necessary and appropriate precautions to maintain the confidentiality and guard against the unauthorized disclosure of the Software and Documentation. Licensee will limit access

to the Software and Documentation only to Licensee's employees who "need to know" and are authorized to use the Software and Documentation as permitted by this Agreement.

Section 11 LIMITATION OF LIABILITY

The Limitation of Liability provision is described in the Primary Agreement.

Section 12 NOTICES

Notices are described in the Primary Agreement.

Section 13 GENERAL

13.1. COPYRIGHT NOTICES. The existence of a copyright notice on the Software will not be construed as an admission or presumption of publication of the Software or public disclosure of any trade secrets associated with the Software.

13.2. COMPLIANCE WITH LAWS. Licensee acknowledges that the Software is subject to the laws and regulations of the United States and Licensee will comply with all applicable laws and regulations, including export laws and regulations of the United States. Licensee will not, without the prior authorization of Motorola and the appropriate governmental authority of the United States, in any form export or re-export, sell or resell, ship or reship, or divert, through direct or indirect means, any item or technical data or direct or indirect products sold or otherwise furnished to any person within any territory for which the United States Government or any of its agencies at the time of the action, requires an export license or other governmental approval. Violation of this provision is a material breach of this Agreement.

13.3. ASSIGNMENTS AND SUBCONTRACTING. Motorola may assign its rights or subcontract its obligations under this Agreement, or encumber or sell its rights in any Software, without prior notice to or consent of Licensee.

13.4. GOVERNING LAW. This Agreement is governed by the laws of the United States to the extent that they apply and otherwise by the internal substantive laws of the State to which the Software is shipped if Licensee is a sovereign government entity, or the internal substantive laws of the State of Illinois if Licensee is not a sovereign government entity. The terms of the U.N. Convention on Contracts for the International Sale of Goods do not apply. In the event that the Uniform Computer Information Transaction Act, any version of this Act, or a substantially similar law (collectively "UCITA") becomes applicable to a party's performance under this Agreement, UCITA does not govern any aspect of this Agreement or any license granted under this Agreement, or any of the parties' rights or obligations under this Agreement. The governing law will be that in effect prior to the applicability of UCITA.

13.5. THIRD PARTY BENEFICIARIES. This Agreement is entered into solely for the benefit of Motorola and Licensee. No third party has the right to make any claim or assert any right under this Agreement, and no third party is deemed a beneficiary of this Agreement. Notwithstanding the foregoing, any licensor or supplier of third party software included in the Software will be a direct and intended third party beneficiary of this Agreement.

13.6. SURVIVAL. Sections 4, 5, 6.4, 7, 8, 9, 10, 11 and 13 survive the termination of this Agreement.

13.7. ORDER OF PRECEDENCE. In the event of inconsistencies between this Exhibit and the Primary Agreement, the parties agree that this Exhibit prevails, only with respect to the specific subject matter of this Exhibit, and not the Primary Agreement or any other exhibit as it applies to any other subject matter.

13.8 SECURITY. Motorola uses reasonable means in the design and writing of its own Software and the acquisition of third party Software to limit Security Vulnerabilities. While no software can be

guaranteed to be free from Security Vulnerabilities, if a Security Vulnerability is discovered, Motorola will take the steps set forth in Section 6 of this Agreement.

Exhibit C

Technical and Implementation Documents

Exhibit D

Motorola/H-GAC Radio Communications Equipment & Systems Agreement

Exhibit E

Service Terms and Conditions

Motorola Solutions, Inc. ("Motorola") and the customer named in this Agreement ("Customer") hereby agree as follows:

Section 1 APPLICABILITY

These Service Terms and Conditions apply to service contracts whereby Motorola will provide to Customer either (1) maintenance, support and/or other services under a Motorola Service Agreement, or (2) installation services under a Motorola Installation Agreement.

Section 2 DEFINITIONS AND INTERPRETATION

2.1 "Agreement" means these Service Terms and Conditions; the cover page for the Service Agreement or the Installation Agreement, as applicable; and any other attachments, all of which are incorporated herein by this reference. In interpreting this Agreement and resolving any ambiguities, these Service Terms and Conditions take precedence over any cover page, and the cover page takes precedence over any attachments, unless the cover page or attachment states otherwise.

2.2 "Equipment" means the equipment that is specified in the attachments or is subsequently added to this Agreement.

2.3 "Services" means those installation, maintenance, support, training, and other services described in this Agreement.

Section 3 ACCEPTANCE

Customer accepts these Service Terms and Conditions and agrees to pay the prices set forth in the Agreement. This Agreement becomes binding only when accepted in writing by Motorola. The term of this Agreement begins on the "Start Date" indicated in this Agreement.

Section 4 SCOPE OF SERVICES

4.1. Motorola will provide the Services described in this Agreement or in a more detailed statement of work or other document attached to this Agreement. At Customer's request, Motorola may also provide additional services at Motorola's then-applicable rates for the services.

4.2. If Motorola is providing Services for Equipment, Motorola parts or parts of equal quality will be used; the Equipment will be serviced at levels set forth in the manufacturer's product manuals; and routine service procedures that are prescribed by Motorola will be followed.

4.3. If Customer purchases from Motorola additional equipment that becomes part of the same system as the initial Equipment, the additional equipment may be added to this Agreement and will be billed at the applicable rates after the warranty for the additional equipment expires.

4.4. All Equipment must be in good working order on the Start Date or when additional equipment is added to the Agreement. Upon reasonable request by Motorola, Customer will provide a complete serial and model number list of the Equipment. Customer must promptly notify Motorola in writing when any Equipment is lost, damaged, stolen or taken out of service. Customer's obligation to pay Service fees for such Equipment will terminate at the end of the month in which Motorola receives the written notice.

4.5. Customer must specifically identify any Equipment that is labeled intrinsically safe for use in hazardous environments.

4.6. If Equipment cannot, in Motorola's reasonable opinion, be properly or economically serviced for any reason, Motorola may modify the scope of Services related to such Equipment; remove that Equipment from the Agreement; or increase the price to Service such Equipment.

4.7. Customer must promptly notify Motorola of any Equipment failure. Motorola will respond to Customer's notification in a manner consistent with the level of Service purchased as indicated in this Agreement.

Section 5 EXCLUDED SERVICES

5.1. Service excludes the repair or replacement of Equipment that has become defective or damaged from use in other than the normal, customary, intended, and authorized manner; use not in compliance with applicable industry standards; excessive wear and tear; or accident, liquids, power surges, neglect, acts of God or other force majeure events.

5.2. Unless specifically included in this Agreement, Service excludes items that are consumed in the normal operation of the Equipment, such as batteries or magnetic tapes.; upgrading or reprogramming Equipment; accessories, belt clips, battery chargers, custom or special products, modified units, or software; and repair or maintenance of any transmission line, antenna, microwave equipment, tower or tower lighting, duplexer, combiner, or multicoupler. Motorola has no obligations for any transmission medium, such as telephone lines, computer networks, the internet or the worldwide web, or for Equipment malfunction caused by such transmission medium.

Section 6 TIME AND PLACE OF SERVICE

Service will be provided at the location specified in this Agreement. When Motorola performs service at Customer's location, Customer will provide Motorola, at no charge, a non-hazardous work environment with adequate shelter, heat, light, and power and with full and free access to the Equipment. Waivers of liability from Motorola or its subcontractors will not be imposed as a site access requirement. Customer will provide all information pertaining to the hardware and software elements of any system with which the Equipment is interfacing so that Motorola may perform its Services. Unless otherwise stated in this Agreement, the hours of Service will be 8:30 a.m. to 4:30 p.m., local time, excluding weekends and holidays. Unless otherwise stated in this Agreement, the price for the Services exclude any charges or expenses associated with helicopter or other unusual access requirements; if these charges or expenses are reasonably incurred by Motorola in rendering the Services, Customer agrees to reimburse Motorola for those charges and expenses.

Section 7 CUSTOMER Contact

Customer will provide Motorola with designated points of contact (list of names and phone numbers) that will be available twenty-four (24) hours per day, seven (7) days per week, and an escalation procedure to enable Customer's personnel to maintain contact, as needed, with Motorola.

Section 8 PAYMENT

Unless alternative payment terms are stated in this Agreement, Motorola will invoice Customer in advance for each payment period. All other charges will be billed monthly, and Customer must pay each invoice in U.S. dollars within thirty (30) days of the invoice date. Customer will reimburse Motorola for all property taxes, sales and use taxes, excise taxes, and other taxes or assessments that are levied as a result of Services rendered under this Agreement (except income, profit, and franchise taxes of Motorola) by any governmental entity.

Section 9 WARRANTY

Motorola warrants that its Services under this Agreement will be free of defects in materials and workmanship for a period of ninety (90) days from the date the performance of the Services are completed. In the event of a breach of this warranty, Customer's sole remedy is to require Motorola to re-perform the non-conforming Service or to refund, on a pro-rata basis, the fees paid for the non-conforming Service. MOTOROLA DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

Section 10 DEFAULT/TERMINATION

10.1. If either party defaults in the performance of this Agreement, the other party will give to the non-performing party a written and detailed notice of the default. The non-performing party will have thirty (30) days thereafter to provide a written plan to cure the default that is acceptable to the other party and begin implementing the cure plan immediately after plan approval. If the non-performing party fails to provide or implement the cure plan, then the injured party, in addition to any other rights available to it

under law, may immediately terminate this Agreement effective upon giving a written notice of termination to the defaulting party.

10.2. Any termination of this Agreement will not relieve either party of obligations previously incurred pursuant to this Agreement, including payments which may be due and owing at the time of termination. All sums owed by Customer to Motorola will become due and payable immediately upon termination of this Agreement. Upon the effective date of termination, Motorola will have no further obligation to provide Services.

Section 11 LIMITATION OF LIABILITY

Except for personal injury or death, Motorola's total liability, whether for breach of contract, warranty, negligence, strict liability in tort, or otherwise, will be limited to the direct damages recoverable under law, but not to exceed the price of twelve (12) months of Service provided under this Agreement. ALTHOUGH THE PARTIES ACKNOWLEDGE THE POSSIBILITY OF SUCH LOSSES OR DAMAGES, THEY AGREE THAT MOTOROLA WILL NOT BE LIABLE FOR ANY COMMERCIAL LOSS; INCONVENIENCE; LOSS OF USE, TIME, DATA, GOOD WILL, REVENUES, PROFITS OR SAVINGS; OR OTHER SPECIAL, INCIDENTAL, INDIRECT, OR CONSEQUENTIAL DAMAGES IN ANY WAY RELATED TO OR ARISING FROM THIS AGREEMENT OR THE PERFORMANCE OF SERVICES BY MOTOROLA PURSUANT TO THIS AGREEMENT. No action for contract breach or otherwise relating to the transactions contemplated by this Agreement may be brought more than two (2) years after the accrual of such cause of action, except for money due upon an open account. This limitation of liability will survive the expiration or termination of this Agreement and applies notwithstanding any contrary provision.

Section 12 EXCLUSIVE TERMS AND CONDITIONS

12.1. This Agreement supersedes all prior and concurrent agreements and understandings between the parties, whether written or oral, related to the Services, and there are no agreements or representations concerning the subject matter of this Agreement except for those expressed herein. The Agreement may not be amended or modified except by a written agreement signed by authorized representatives of both parties.

12.2. Customer agrees to reference this Agreement on any purchase order issued in furtherance of this Agreement, however, an omission of the reference to this Agreement will not affect its applicability. In no event will either party be bound by any terms contained in a Customer purchase order, acknowledgement, or other writing unless: the purchase order, acknowledgement, or other writing specifically refers to this Agreement; clearly indicate the intention of both parties to override and modify this Agreement; and the purchase order, acknowledgement, or other writing is signed by authorized representatives of both parties**.**

Section 13 PROPRIETARY INFORMATION; CONFIDENTIALITY; INTELLECTUAL PROPERTY RIGHTS

13.1. Any information or data in the form of specifications, drawings, reprints, technical information or otherwise furnished to Customer under this Agreement will remain Motorola’s property, will be deemed proprietary, will be kept confidential, and will be promptly returned at Motorola's request. Customer may not disclose, without Motorola's written permission or as required by law, any confidential information or data to any person, or use confidential information or data for any purpose other than performing its obligations under this Agreement. The obligations set forth in this Section survive the expiration or termination of this Agreement.

13.2. Unless otherwise agreed in writing, no commercial, financial or technical information disclosed in any manner or at any time by Customer to Motorola will be deemed secret or confidential. Motorola will have no obligation to provide Customer with access to its confidential and proprietary information, including cost and pricing data.

13.3. This Agreement does not grant directly or by implication, estoppel, or otherwise, any ownership right or license under any Motorola patent, copyright, trade secret, or other intellectual property including any intellectual property created as a result of or related to the Equipment sold or Services performed under this Agreement.

Section 14 FCC LICENSES AND OTHER AUTHORIZATIONS

Customer is solely responsible for obtaining licenses or other authorizations required by the Federal Communications Commission or any other federal, state, or local government agency and for complying with all rules and regulations required by such agencies. Neither Motorola nor any of its employees is an agent or representative of Customer in any governmental matters.

Section 15 COVENANT NOT TO EMPLOY

During the term of this Agreement and continuing for a period of two (2) years thereafter, Customer will not hire, engage on contract, solicit the employment of, or recommend employment to any third party of any employee of Motorola or its subcontractors without the prior written authorization of Motorola. This provision applies only to those employees of Motorola or its subcontractors who are responsible for rendering services under this Agreement. If this provision is found to be overly broad under applicable law, it shall be modified as necessary to conform to such law.

Section 16 MATERIALS, TOOLS AND EQUIPMENT

All tools, equipment, dies, gauges, models, drawings or other materials paid for or furnished by Motorola for the purpose of this Agreement will be and remain the sole property of Motorola. Customer will safeguard all such property while it is in Customer's custody or control, be liable for any loss or damage to this property, and return it to Motorola upon request. This property will be held by Customer for Motorola's use without charge and may be removed from Customer's premises by Motorola at any time without restriction.

Section 17 GENERAL TERMS

17.1. If any court renders any portion of this Agreement unenforceable, the remaining terms will continue in full force and effect.

17.2. This Agreement and the rights and duties of the parties will be governed and interpreted in accordance with the laws of the State of Texas.

17.3. Failure to exercise any right will not operate as a waiver of that right, power, or privilege.

17.4. Neither party is liable for delays or lack of performance resulting from any causes that are beyond that party's reasonable control, such as strikes, material shortages, or acts of God.

17.5. Motorola may assign its rights and obligations, and may subcontract any portion of its performance, under this Agreement.

17.6. If Motorola provides Services after the termination or expiration of this Agreement, the terms and conditions in effect at the time of the termination or expiration will apply to those Services and Customer agrees to pay for those services on a time and materials basis at Motorola's then effective hourly rates.

A CONTRACT BETWEEN
HOUSTON-GALVESTON AREA COUNCIL
Houston, Texas
AND
MOTOROLA SOLUTIONS, INC.
Farmers Branch, Texas

This Contract is made and entered into by the **Houston-Galveston Area Council of Governments,** hereinafter referred to as **H-GAC,** having its principal place of business at 3555 Timmons Lane, Suite 120, Houston, Texas 77027, AND, **Motorola Solutions, Inc.** hereinafter referred to as the **CONTRACTOR,** having its principal place of business at Park West C-2, 1507 LBJ Freeway, Farmers Branch, Texas 75234.

ARTICLE 1: SCOPE OF SERVICES

The parties have entered into a **Radio Communication/Emergency Response & Mobile Interoperability Equipment** Contract to become effective as of May 1, 2015, and to continue through April 30, 2018 (the "**Contract**"), subject to extension upon mutual agreement of the **CONTRACTOR** and **H-GAC. H-GAC** enters into the Contract as Agent for participating governmental agencies, each hereinafter referred to as **END USER,** for the purchase of **Radio Communication/Emergency Response & Mobile Interoperability Equipment** offered by the **CONTRACTOR.** The **CONTRACTOR** agrees to sell **Radio Communication/Emergency Response & Mobile Interoperability Equipment** through the **H-GAC** Contract to **END USERS**.

ARTICLE 2: THE COMPLETE AGREEMENT

The Contract shall consist of the documents identified below in order of precedence:

1. The text of this Contract form, including but not limited to, Attachment A
2. General Terms and Conditions
3. Proposal Specifications No: **RA05-15**, including any relevant suffixes
4. **CONTRACTOR's** Response to Proposal No: **RA05-15**, including but not limited to, prices and options offered

All of which are either attached hereto or incorporated by reference and hereby made a part of this Contract, and shall constitute the complete agreement between the parties hereto. This Contract supersedes any and all oral or written agreements between the parties relating to matters herein. Except as otherwise provided herein, this Contract cannot be modified without the written consent of both parties.

ARTICLE 3: LEGAL AUTHORITY

CONTRACTOR and **H-GAC** warrant and represent to each other that they have adequate legal counsel and authority to enter into this Contract. The governing bodies, where applicable, have authorized the signatory officials to enter into this Contract and bind the parties to the terms of this Contract and any subsequent amendments thereto.

ARTICLE 4: APPLICABLE LAWS

The parties agree to conduct all activities under this Contract in accordance with all applicable rules, regulations, directives, issuances, ordinances, and laws in effect or promulgated during the term of this Contract.

ARTICLE 5: INDEPENDENT CONTRACTOR

The execution of this Contract and the rendering of services prescribed by this Contract do not change the independent status of **H-GAC** or **CONTRACTOR**. No provision of this Contract or act of **H-GAC** in performance of this Contract shall be construed as making **CONTRACTOR** the agent, servant or employee of **H-GAC**, the State of Texas or the United States Government. Employees of **CONTRACTOR** are subject to the exclusive control and supervision of **CONTRACTOR**. **CONTRACTOR** is solely responsible for employee payrolls and claims arising therefrom.

ARTICLE 6: END USER AGREEMENTS

H-GAC acknowledges that the **END USER** may choose to enter into an End User Agreement with the **CONTRACTOR** through this Contract and that the term of said Agreement may exceed the term of the **H-GAC** Contract. However this acknowledgement is not to be construed as **H-GAC's** endorsement or approval of the End User Agreement terms and conditions. **CONTRACTOR** agrees not to offer to, agree to or accept from **END USER** any terms or conditions that conflict with or contravene those in **CONTRACTOR's H-GAC** contract. Further, termination of this Contract for any reason shall not result in the termination of the underlying End User Agreements entered into between **CONTRACTOR** and any **END USER** which shall, in each instance, continue pursuant to their stated terms and duration. The only effect of termination of this Contract is that **CONTRACTOR** will no longer be able to enter into any new End User Agreements with **END USERS** pursuant to this Contract. Applicable **H-GAC** order processing charges will be due and payable to **H-GAC** on any End User

Agreements surviving termination of this Contract between **H-GAC** and **CONTRACTOR** .

ARTICLE 7: SUBCONTRACTS & ASSIGNMENTS

CONTRACTOR agrees not to subcontract, assign, transfer, convey, sublet or otherwise dispose of this Contract or any right, title, obligation or interest it may have therein to any third party without prior written notice to **H-GAC. H-GAC** reserves the right to accept or reject any such change. **CONTRACTOR** shall continue to remain responsible for all performance under this Contract regardless of any subcontract or assignment. **H-GAC** shall be liable solely to **CONTRACTOR** and not to any of its Subcontractors or Assignees.

ARTICLE 8: EXAMINATION AND RETENTION OF CONTRACTOR'S RECORDS

CONTRACTOR shall maintain during the course of its work, complete and accurate records of items that are chargeable to **END USER** under this Contract. **H-GAC**, through its staff or its designated public accounting firm, the State of Texas, or the United States Government shall have the right at any reasonable time to inspect copy and audit those records on or off the premises of **CONTRACTOR**. Failure to provide access to records may be cause for termination of this Contract. **CONTRACTOR** shall maintain all records pertinent to this Contract for a period of not less than five (5) calendar years from the date of acceptance of the final contract closeout and until any outstanding litigation, audit or claim has been resolved. The right of access to records is not limited to the required retention period, but shall last as long as the records are retained. **CONTRACTOR** further agrees to include in all subcontracts under this Contract, a provision to the effect that the subcontractor agrees that **H-GAC'S** duly authorized representatives, shall, until the expiration of five (5) calendar years after final payment under the subcontract or until all audit findings have been resolved, have access to, and the right to examine and copy any directly pertinent books, documents, papers, invoices and records of such subcontractor involving any transaction relating to the subcontract. To the extent allowed by law, nothing contained herein shall authorize H-GAC and/or END USER to audit confidential information regarding product cost.

ARTICLE 9: REPORTING REQUIREMENTS

CONTRACTOR agrees to submit reports or other documentation in accordance with the General Terms and Conditions of the Proposal Specifications. If **CONTRACTOR** fails to submit to **H-GAC** in a timely and satisfactory manner any such report or documentation, or otherwise fails to satisfactorily render performance hereunder, such failure may be considered cause for termination of this Contract.

ARTICLE 10: MOST FAVORED CUSTOMER CLAUSE

If **CONTRACTOR** at any time during a contract period, routinely enters into agreements with other governmental customers within the State of Texas, and offers the same or substantially the same products offered to **H-GAC** on a basis that provides prices more favorable than those provided to **H-GAC**, **CONTRACTOR** shall within ten (10) business days thereafter notify **H-GAC** of that offering. The contract with **H-GAC** shall be deemed to be automatically amended and effective retroactively to the effective date of the most favorable contract, wherein **CONTRACTOR** shall provide the same quantity discount to **H-GAC** and its End Users for equal or larger orders purchased the same quantity and under the same circumstances. **H-GAC** shall have the right and option at any time to decline to accept any such change, in which case the amendment shall be deemed null and void. If **CONTRACTOR** believes any apparently more favorable price charged and/or offered a customer during the term of this agreement is not in fact most favored treatment, **CONTRACTOR** shall within ten (10) business days notify **H-GAC** in writing, setting forth the detailed reasons **CONTRACTOR** believes aforesaid offer which has been deemed to be a most favored treatment, is not in fact most favored treatment. **H-GAC**, after due consideration of such written explanation, may decline to accept such explanation and thereupon the contract between **H-GAC** and **CONTRACTOR** shall be automatically amended, effective retroactively, to the effective date of the most favored agreement, to provide the same prices to **H-GAC**.

The most favored price structure set forth in this paragraph shall not apply to any pre-existing contracts Contractor has in the State of Texas. The term "*pre-existing contracts*" shall refer to contracts in existence as of the original effective date of the HGAC contract, i.e 5/1/15.

The Parties agree that the above MFC provision shall not apply to the sale of large communications systems (one million dollars ($1,000,000.00) and above). The term "*Communications System*" shall refer to a project that includes the sale of infrastructure hardware and/or software, user devices, and Motorola engineering and installation service. The contract for a "Communication System" will always have a Statement of Work and an Acceptance Test Plan.

The Parties accept the following definition of routine. *A prescribed, detailed course of action to be followed regularly; a standard procedure.*

ARTICLE 11: SEVERABILITY

All parties agree that should any provision of this Contract be determined to be invalid or unenforceable, such determination shall not affect any other term of this Contract, which shall continue in full force and effect.

ARTICLE 12: DISPUTES

Any and all disputes concerning questions of fact or of law arising under this Contract, which are not disposed of by agreement, shall be decided by the Executive Director of **H-GAC** or his designee, who shall reduce his decision to writing and provide notice thereof to **CONTRACTOR**. The decision of the Executive Director or his designee shall be final and conclusive unless, within thirty (30) days from the date of receipt of such notice, **CONTRACTOR** requests a rehearing from the Executive Director of **H-GAC**. In connection with any rehearing under this Article, **CONTRACTOR** shall be afforded an opportunity to be heard and offer evidence in support of its position. The decision of the Executive Director after any such rehearing shall be final and conclusive. **CONTRACTOR** may, if it elects to do so, appeal the final and conclusive decision of the Executive Director to a court of competent jurisdiction. Pending final decision of a dispute hereunder, **CONTRACTOR** shall proceed diligently with the performance of this Contract and in accordance with **H-GAC'S** final decision.

ARTICLE 13: LIMITATION OF CONTRACTOR'S LIABILITY

Except as specified in any separate writing between the **CONTRACTOR** and an **END USER, CONTRACTOR's** total liability under this Contract, whether for breach of contract, warranty, negligence, strict liability, in tort or otherwise, but excluding its obligation to indemnify **H-GAC** described in Article 14, is limited to the price of the particular products/services sold hereunder, and **CONTRACTOR** agrees either to refund the purchase price or to repair or replace product(s) that are not as warranted. In no event will **CONTRACTOR** be liable for any loss of use, loss of time, inconvenience, commercial loss, lost profits or savings or other incidental, special or consequential damages to the full extent such use may be disclaimed by law. **CONTRACTOR** understands and agrees that it shall be liable to repay and shall repay upon demand to **END USER** any amounts determined by **H-GAC** , its independent auditors, or any agency of State or Federal government to have been paid in violation of the terms of this Contract.

ARTICLE 14: LIMIT OF H-GAC'S LIABILITY AND INDEMNIFICATION OF H-GAC

H-GAC's liability under this Contract, whether for breach of contract, warranty, negligence, strict liability, in tort or otherwise, is limited to its order processing charge. In no event will **H-GAC** be liable for any loss of use, loss of time, inconvenience, commercial loss, lost profits or savings or other incidental, special or consequential damages to the full extent such use may be disclaimed by law. Contractor agrees, to the extent permitted by law, to defend and hold harmless **H-GAC**, its board members, officers, agents, officials, employees, and indemnities from any and all claims, costs, expenses (including reasonable attorney fees), actions, causes of action, judgments, and liens arising as a result of **CONTRACTOR's** negligent act or omission under this Contract. **CONTRACTOR** shall notify **H-GAC** of the threat of lawsuit or of any actual suit filed against **CONTRACTOR** relating to this Contract.

ARTICLE 15: TERMINATION FOR CAUSE

H-GAC may terminate this Contract for cause based upon the failure of **CONTRACTOR** to comply with the terms and/or conditions of the Contract; provided that **H-GAC** shall give **CONTRACTOR** written notice specifying **CONTRACTOR'S** failure. If within thirty (30) days after receipt of such notice, **CONTRACTOR** shall not have either corrected such failure, or thereafter proceeded diligently to complete such correction, then **H-GAC** may, at its option, place **CONTRACTOR** in default and the Contract shall terminate on the date specified in such notice. **CONTRACTOR** shall pay to **H-GAC** any order processing charges due from **CONTRACTOR** on that portion of the Contract actually performed by **CONTRACTOR** and for which compensation was received by **CONTRACTOR.**

ARTICLE 16: TERMINATION FOR CONVENIENCE

Either **H-GAC** or **CONTRACTOR** may cancel or terminate this Contract at any time by giving thirty (30) days written notice to the other. **CONTRACTOR** may be entitled to payment from **END USER** for services actually performed; to the extent said services are satisfactory to **END USER**. **CONTRACTOR** shall pay to **H-GAC** any order processing charges due from **CONTRACTOR** on that portion of the Contract actually performed by **CONTRACTOR** and for which compensation is received by **CONTRACTOR.**

ARTICLE 17: CIVIL AND CRIMINAL PROVISIONS AND SANCTIONS

CONTRACTOR agrees that it will perform under this Contract in conformance with safeguards against fraud and abuse as set forth by **H-GAC**, the State of Texas, and the acts and regulations of any funding entity. **CONTRACTOR** agrees to notify **H-GAC** of **any** suspected fraud, abuse or other criminal activity related to this Contract through filing of a written report promptly after it becomes aware of such activity.

ARTICLE 18: GOVERNING LAW & VENUE

This Contract shall be governed by the laws of the State of Texas. Venue and jurisdiction of any suit or cause of action arising under or in connection with this Contract shall lie exclusively in Harris County, Texas. Disputes between **END USER** and **CONTRACTOR** are to be resolved in accord with the law and venue rules of the state of purchase. **CONTRACTOR** shall immediately notify **H-GAC** of such disputes.

ARTICLE 19: PROCEDURAL STEPS ENUMERATED FOR SALES TO END USERS

1. All Cooperative Purchasing business will be processed in accordance with **H-GAC's** policies and procedures, at contracted prices, and shall include approved order processing charges.
2. **END USER** will access the Cooperative Purchasing Program through the **H-GAC** website and /or by submission of any duly

executed purchase order to a contractor having a valid contract with **H-GAC** and in a format acceptable to **H-GAC**.

3. **END USER** will submit order(s) electronically through **CONTRACTOR'S** on-line ordering process or issue Purchase Order(s) directly to **CONTRACTOR** at contract prices, and also submit a copy to **H-GAC**.
4. The **H-GAC CONTRACTOR** will deliver products/services as specified by the contract between **CONTRACTOR** and **H-GAC**, and invoice each **END USER** for (1) products/services purchased and **(2) H-GAC'S** applicable order processing charge.
5. Upon delivery, acceptance, and receipt of an **H-GAC CONTRACTOR's**,documented invoice, **END USER** shall pay the **H-GAC CONTRACTOR** the full amount of the invoice.
6. For orders of less than $100,000, **CONTRACTOR** will promptly pay to **H-GAC** any order processing charges due, and in Any case, not later than sixty (60) calendar days after End User order is processed. Payments will be processed to **H-GAC** on a monthly basis. For orders of $100,000 or more, **CONTRACTOR** will promptly pay to **H-GAC** any order processing charges due, and in any case not later than forty-five (45) calendar days after receipt of End User payment by **Motorola**.
7. Failure to promptly remit **H-GAC's** order processing charges may result in sanctions including, but not limited to, contract termination.
8. **CONTRACTOR** shall be responsible for delivery and acceptance of each unit by **END USER**, according to the requirements of the specifications, this Contract, and purchase order issued to **CONTRACTOR** by an **END USER.** All required equipment tests shall be borne by **CONTRACTOR.**
9. **CONTRACTOR** shall promptly provide **H-GAC** and **END USER** with all information pertaining to delivery schedules. **CONTRACTOR** shall also use its best efforts to expedite unit deliveries on shorter notice than set forth in its verification for any specific purchase order when requested.
10. All prices are F.O.B. **END USER'S** location with all transportation charges prepaid and included in any invoice.
11. All pricing shall be based on the current contract unless the **H-GAC CONTRACTOR** prior to receipt of **END USER's** purchase order for delivery of any products/services has received **H-GAC's** prior written approval for any price increases.
12. The **H-GAC CONTRACTOR** agrees to accept the terms of this agreement and to conduct all transactions based on pricing and other terms of the contract including, but not limited to, the applicable **H-GAC** order processing charge. The **CONTRACTOR** agrees to encourage **END USERS** to execute authorizing Interlocal contracts with **H-GAC**.

ARTICLE 20: LIQUIDATED DAMAGES

Any liquidated damages terms will be determined between **CONTRACTOR** and **END USER** at the time **END USER's** purchase order is placed.

ARTICLE 21: PERFORMANCE BONDS FOR INDIVIDUAL ORDERS

Except as described below for fire apparatus, **CONTRACTOR** agrees to provide a Performance Bond at the request of **END USER** within ten (10) days of receipt of **END USER's** purchase order.

It shall be standard procedure for every order received for fire apparatus that a Performance Bond in the amount of the order be provided to the **END USER**. Failure of **CONTRACTOR** to provide such performance bond within ten (10) days of receipt of **END USER's** order may constitute a total breach of contract and shall be cause for cancellation of the order at **END USER's** sole discretion. **END USER** may choose to delete the requirement for a Performance Bond at **END USER's** sole discretion. If the bond requirement is waived, **END USER** shall be entitled to a price reduction commensurate with the cost that would have been incurred by **CONTRACTOR** for the bond.

ARTICLE 22: CHANGE OF CONTRACTOR STATUS

CONTRACTOR shall immediately notify **H-GAC,** in writing, of **ANY** change in ownership, control, dealership/franchisee status, Motor Vehicle license status, or name, and shall also advise whether or not this Contract shall be affected in any way by such change. **H-GAC** shall have the right to determine whether or not such change is acceptable, and to determine what action shall be warranted, up to and including cancellation of Contract.

ARTICLE 23: LICENSING REQUIRED BY TEXAS MOTOR VEHICLE BOARD *[IF APPLICABLE]*

CONTRACTOR will for the duration of this Contract maintain current licenses that are required by the Texas Motor Vehicle Commission Code. If at any time during this Contract period, any **CONTRACTOR'S** license is not renewed, or is denied or revoked, **CONTRACTOR shall** be deemed to be in default of this Contract unless the Motor Vehicle Board issues a stay or waiver. Contractor shall promptly provide copies of all current applicable Texas Motor Vehicle Board documentation to **H-GAC** upon request.

IN WITNESS WHEREOF, the parties have caused this Contract to be executed by their duly authorized representatives.

Signed for Houston-Galveston Area Council, Houston, Texas: _____
Jack Steele, Executive Director

Attest for Houston-Galveston Area Council, Houston, Texas: _____
Deidre Vick, Director of Public Services

Date: May 5, 2015

Signed for Motorola Solutions, Inc. Farmers Branch, Texas: _____

Printed Name & Title: Edward Fuerst MSSSI Vice President

Date: 4/30 2015

Attest for Motorola Solutions, Inc. Farmers Branch, Texas: H Cheroe

Printed Name & Title: Howard Cheroe MSSSI V.P.

Date: 4/30 2015

Attachment A

Motorola Solutions, Inc.

Radio Communication/Emergency Response & Mobile Interoperability Equipment

Contract No.: RA05-15

Product Category	Description	Base Offered Price
OA, OB, OC	***Per the RFP Motorola has included an Electronics Catalogue (ECAT disk) on a CD media in lieu of listing each individual product and its options. In addition, a discount APC sheet is attached in the pricing section and used to calculate all individual prices within the ECAT disk.***	See APC Discounts per ECAT Pricebook Effective 2/14/2015
OD	**Motorola Integration Services LMR**	
	Motorola offers wide range of services including Integration, Installation and Training. The cost of these services is regional in nature. Samples below are listed for reference only.	
OD	Project Management Daily Rate*	$ 1,818.00
OD	System Technologist Daily Rate*	$ 2,173.00
OD	Standard Shop Installation: Hourly Rate*	$ 150.00
OD	Standard Shop Installation: Daily Rate*	$ 1,200.00
OD	Mobile Radio Installation*	$180-$500
OD	Radio Programming*	$55-$125
OD	Data Installation*	$180-$428
	*Prices may vary by Region and Stated Scope. Travel Not Included	
OD	**Motorola Integration Services Advanced Services**	
	Motorola offers wide range of services including Integration, Installation and Training. The cost of these services is regional in nature. Samples below are listed for reference only.	
OD	NG9-1-1 Consolting Services-Daily Rate*	$1,694
OD	Security Project/Program Management-Daily Rate*	$1,694
OD	Wireless Security Technician-Daily Rate*	$1,580
OD	Security Penetration Tester (Wired Network)-Daily Rate*	$1,580
OD	Secutriy Trainer-Daily Rate*	$1,328
OD	Application Security Code Reviewer-Daily Rate*	$2,033
OD	IT Incident Response and E-Discovery Assitance-Daily Rate*	$1,694
OD	IT Disaster Recovery Planner-Daily Rate*	$1,580
OD	IT Disaster Recovery Plan Tester-Daily Rate*	$1,580
OD	Buisness Continuity/Continuity of Government Planner-Daily Rate*	$1,580
OD	Buisness Continuity/Continuity of Government Plan Tester-Daily Rate*	$1,580
OD	Mobile Application Services Project Management-Daily Rate*	$565
OD	Mobile Application Services Solution Architech-Daily Rate*	$2,033
OD	Mobile Application Services Application and Solution Design-Daily Rate*	$2,033
OD	Mobile Application Services Application and Solution Implementation-Daily Rate*	$2,033
OD	Application Integration and Customization Services Project Management-Daily Rate*	$1,694
OD	Application Integration and Customization Services Solution Architech-Daily Rate*	$2,033
OD	Application Integration and Customization Services Application and Solution Design-Daily Rate*	$2,033
OD	Application Integration and Customization Services Application and Solution Implementation-Daily Rate*	$1,694
OD	Unified Communications Services Project Management-Daily Rate*	$1,694
OD	Unified Communications Services Solution Architech-Daily Rate*	$2,033
OD	Unified Communications Services Application and Solution Design-Daily Rate*	$2,033
OD	Unified Communications Services Application and Solution Implementation-Daily Rate*	$1,694

OD	Consulting Services Project Management-Daily Rate*	$1,694
OD	Consulting Services System Engineer-Daily Rate*	$1,694
OD	Consulting Services Solution Architech-Daily Rate*	$2,033
OD	Consulting Services Internet Protocol Network Accessment-Daily Rate*	$2,033
OD	Consulting Servics IP Network Design and Integration-Daily Rate*	$2,033
OD	Consulting Services IP Wide Area Network Backhaul Design and Integration-Daily Rate*	$2,033
OD	Consulting Services Custoemr Network Interface Design and Integration-Daily Rate*	$2,033
APC DISCOUNTS PER ECAT PRICEBOOK		
001	Portable Radiophone (Portables)	20%
020	CAD Equipment	List
039	CAD Equipment	5%
068	CAD Equipment	10%
232	CAD Equipment	5%
297	CAD Equipment	5%
330	CAD Equipment	5%
333	CAD Equipment	10%
548	CAD Equipment	10%
702	CAD Equipment	List
850	CAD Equipment	List
879	CAD Equipment	List
981	CAD Equipment	List
040	Data Applications	15%
041	Data Applications	10%
041	Data Applications	10%
153	Data Applications	15%
343	Data Applications	10%
670	Data Applications	List
766	Data Applications	List
177	Data Subscriber Devices	15%
185	Data Subscriber Devices	List
736	Data Subscriber Devices	22%
855	Data Subscriber Devices	10%
006	Dispatch Service	5%
768	Dispatch Service	List
118	Dispatch Solutions	10%
124	Dispatch Solutions	15%
129	Dispatch Solutions	20%
147	Dispatch Solutions	10%
185	Dispatch Solutions	List
202	Dispatch Solutions	15%
207	Dispatch Solutions	10%
226	Dispatch Solutions	15%
228	Dispatch Solutions	30%
229	Dispatch Solutions	13.50%
261	Dispatch Solutions	5%
322	Dispatch Solutions	15%
404	Dispatch Solutions	20%
415	Dispatch Solutions	10%
443	Dispatch Solutions	20%
454	Dispatch Solutions	15%
520	Dispatch Solutions	10%
524	Dispatch Solutions	10%
660	Dispatch Solutions	10%
706	Dispatch Solutions	20%
708	Dispatch Solutions	17%
729	Dispatch Solutions	17%

740	Dispatch Solutions	15%
892	Dispatch Solutions	10%
214	Fixed Data Products	10%
275	Fixed Data Products	10%
342	Fixed Data Products	10%
382	Fixed Data Products	10%
403	Fixed Data Products	15%
455	Fixed Data Products	15%
469	Fixed Data Products	10%
499	Fixed Data Products	10%
708	Fixed Data Products	17%
222	Fixed Network Equipment	15%
329	Fixed Network Equipment	10%
381	Fixed Network Equipment	15%
207	Fixed Station Accessories	10%
273	Fixed Station Accessories	10%
277	Fixed Station Accessories	20%
457	Fixed Station Accessories	20%
515	Fixed Station Accessories	20%
524	Fixed Station Accessories	15%
525	Fixed Station Accessories	15%
856	Fixed Station Accessories	10%
207	Fixed Station Antenna Systems	10%
005	Fixed Stations	20%
112	Fixed Stations	18%
225	Fixed Stations	10%
281	Fixed Stations	18.50%
301	Fixed Stations	20%
360	Fixed Stations	21.50%
377	Fixed Stations	17%
417	Fixed Stations	10%
424	Fixed Stations	15%
425	Fixed Stations	15%
448	Fixed Stations	20%
474	Fixed Stations	23%
509	Fixed Stations	21.50%
512	Fixed Stations	23%
537	Fixed Stations	21.50%
590	Fixed Stations	21.50%
595	Fixed Stations	18%
643	Fixed Stations	15%
675	Fixed Stations	20%
680	Fixed Stations	21.50%
744	Fixed Stations	20%
811	Fixed Stations	5%
881	Fixed Stations	15%
015	Fixed Wireless Broadband	20%
075	Fixed Wireless Broadband	List
224	Fixed Wireless Broadband	15%
800	Fixed Wireless Broadband	List
832	Fixed Wireless Broadband	10%
882	Fixed Wireless Broadband	15%
904	Fixed Wireless Broadband	15%
906	Fixed Wireless Broadband	15%
910	Fixed Wireless Broadband	15%
947	Fixed Wireless Broadband	15%
901	Lifecycle Services	List
902	Lifecycle Services	List
903	Lifecycle Services	List

904	Lifecycle Services	List
905	Lifecycle Services	List
051	LTE	10%
052	LTE	10%
053	LTE	10%
054	LTE	10%
055	LTE	10%
056	LTE	10%
057	LTE	10%
058	LTE	5%
059	LTE	10%
061	LTE	10%
063	LTE	10%
065	LTE	10%
066	LTE	10%
375	LTE	List
708	LTE	17%
984	LTE	List
985	LTE	List
989	LTE	List
823	Maintenance	List
983	Maintenance	List
554	Mobile Accessories	15%
644	Mobile Accessories	15%
879	Mobile Applications Software	10%
038	Mobile Stations	10%
103	Mobile Stations	26.50%
109	Mobile Stations	26.50%
159	Mobile Stations	20%
189	Mobile Stations	15%
276	Mobile Stations	25%
287	Mobile Stations	10%
374	Mobile Stations	15%
426	Mobile Stations	25%
471	Mobile Stations	25%
484	Mobile Stations	10%
500	Mobile Stations	25%
514	Mobile Stations	25%
518	Mobile Stations	25%
527	Mobile Stations	25%
571	Mobile Stations	15%
585	Mobile Stations	25%
652	Mobile Stations	25%
655	Mobile Stations	25%
656	Mobile Stations	25%
761	Mobile Stations	25%
775	Mobile Stations	16.50%
776	Mobile Stations	20%
792	Mobile Stations	20%
869	Mobile Stations	20%
922	Mobile Stations	20%
422	MOTOTRBO	10%
475	MOTOTRBO	10%
516	MOTOTRBO	10%
557	MOTOTRBO	10%
563	MOTOTRBO	10%
777	MOTOTRBO	10%
131	Network Products	10%
147	Network Products	10%

207	Network Products	10%
232	Network Products	10%
708	Network Products	17%
136	Pagers/Receiver	15%
169	Pagers/Receiver	20%
452	Pagers/Receiver	15%
361	Paging/Reclevers	15.00%
839	Paging/Reclevers	15%
940	Paging/Reclevers	15%
941	Paging/Reclevers	15%
004	Portable Radiophone (Portables)	20%
008	Portable Radiophone (Portables)	20%
018	Portable Radiophone (Portables)	List
019	Portable Radiophone (Portables)	List
027	Portable Radiophone (Portables)	List
037	Portable Radiophone (Portables)	10%
087	Portable Radiophone (Portables)	10%
158	Portable Radiophone (Portables)	20%
185	Portable Radiophone (Portables)	List
187	Portable Radiophone (Portables)	15%
205	Portable Radiophone (Portables)	25%
271	Portable Radiophone (Portables)	25%
291	Portable Radiophone (Portables) .	25%
320	Portable Radiophone (Portables)	25%
332	Portable Radiophone (Portables)	20%
362	Portable Radiophone (Portables)	20%
372	Portable Radiophone (Portables)	20%
402	Portable Radiophone (Portables)	20%
407	Portable Radiophone (Portables)	25%
414	Portable Radiophone (Portables)	20%
426	Portable Radiophone (Portables)	25%
430	Portable Radiophone (Portables)	20%
442	Portable Radiophone (Portables)	20%
453	Portable Radiophone (Portables)	20%
456	Portable Radiophone (Portables)	20%
458	Portable Radiophone (Portables)	20%
470	Portable Radiophone (Portables)	25%
476	Portable Radiophone (Portables)	20%
481	Portable Radiophone (Portables)	25%
483	Portable Radiophone (Portables)	25%
505	Portable Radiophone (Portables)	20%
527	Portable Radiophone (Portables)	25%
536	Portable Radiophone (Portables)	25%
562	Portable Radiophone (Portables)	25%
570	Portable Radiophone (Portables)	10%
577	Portable Radiophone (Portables)	20%
619	Portable Radiophone (Portables)	15%
626	Portable Radiophone (Portables)	20%
654	Portable Radiophone (Portables)	List
655	Portable Radiophone (Portables)	25%
656	Portable Radiophone (Portables)	25%
672	Portable Radiophone (Portables)	33.50%
687	Portable Radiophone (Portables)	20%
721	Portable Radiophone (Portables)	25%
726	Portable Radiophone (Portables)	25%
742	Portable Radiophone (Portables)	25%
749	Portable Radiophone (Portables)	33.50%
755	Portable Radiophone (Portables)	25.00%
756	Portable Radiophone (Portables)	25.00%

785	Portable Radiophone (Portables)	25%
795	Portable Radiophone (Portables)	25%
798	Portable Radiophone (Portables)	25%
837	Portable Radiophone (Portables)	25%
841	Portable Radiophone (Portables)	33.50%
883	Portable Radiophone (Portables)	15%
977	Portable Radiophone (Portables)	10%
390	Professional Services	List
659	Professional Services	List
659	Professional Services	List
670	Professional Services	List
842	Professional Services	List
509	Receivers	21.50%
512	Receivers	23%
743	Receivers	15%
608	Records Management Software	10%
279	Records Management Software	List
137	Secure Solutions	5%
201	Secure Solutions	10%
229	Secure Solutions	14%
462	Secure Solutions	10%
524	Secure Solutions	15%
525	Secure Solutions	15%
519	Security	List
519	Security	List
561	Service/Maintenance	List
769	Service/Maintenance	List
769	Service/Maintenance	List
772	Service/Maintenance	List
929	Service/Maintenance	List
293	Service/Maintenance	List
195	Software Upgrades/Flashport	List
371	Software Upgrades/Flashport	List
430	Software Upgrades/Flashport	20%
262	Test Equipment	20%
854	Test Equipment	List
293	Training-Professional Services	List
039	Trunking Products and Systems	5%
85	Trunking Products and Systems	15%
112	Trunking Products and Systems	18%
115	Trunking Products and Systems	10%
277	Trunking Products and Systems	20%
280	Trunking Products and Systems	18.50%
281	Trunking Products and Systems	18.50%
377	Trunking Products and Systems	17%
495	Trunking Products and Systems	15%
593	Trunking Products and Systems	23%
708	Trunking Products and Systems	17%
877	Trunking Products and Systems	18.50%
002	Video Solutions	10%
080	Video Solutions	10%
488	Video Solutions	10%
964	Warranty	List
606	Wireless Mobility	15%
832	Wireless Mobility	10%
907	Wireless Mobility	15%
908	Wireless Mobility	15%

Requirements for NICE interaction with the Wilco Network

This is intended to be part of the contract/SOW for Motorola. These can be pasted into the appropriate section or incorporated as reference.

- Operating systems, device firmware, and anti-virus must all run versions that are currently supported by the vendor as well as the latest service packs/patches applied that are compatible with NICE/Motorola. Every effort should be made to apply service packs and patches as soon as possible, especially those that are related to security.
- All system-level passwords (for servers, switches, firewalls) must be unique to Williamson County's installation (no shared passwords across installations).
- The servers must be part of the County Active Directory Domain, but they will be segregated in the domain such that the "standard" server policies will not apply for updates or other Group Policies that would apply to the OS patches or anti-virus.
- User logins to the system must utilize the user's Active Directory credentials for authentication. User access list will be defined by Williamson County Emergency Communications.
- Any logins to out-of-band management systems or other hardware logins (i.e. Integrated Lights-Out) must be non-default and unique to Williamson County's installation (no shared passwords across installations).
- Once data is transmitted to the Motorola-supplied firewall, NICE/Motorola is responsible for compliance when handling regulatory-protected data (CJIS, HIPAA, Texas Privacy Act, and others) as well as any audit requirements from the appropriate regulatory body (or compliance vendor).
- Ensure the Motorola installed firewall between the NICE Servers and County's network will support at least 1Gbps throughput.
- All software installed on end-user County computers must meet the requirements of the Technology Services Department and be installed by Technology Services Staff (per the County's Electronic System Use Policy).
- Designated, single CJIS POC representing the Williamson County Technology Services reserves the right to audit the systems for compliance with the provisions outlined above and other security risks that may pose a threat to the security and integrity of County data as well as the County network. This can be done with the assistance of the project staff or vendor, if desired, and County staff will not make any changes to any NICE system.
  If there are risks or deficiencies found in the audit, these will be returned to the NICE/Motorola team for remediation. In addition, the County may block traffic to or from the NICE servers if there are serious risks or issues found until such issues are remediated.

The following provisions will survive the expiration or termination of this Agreement for any reason: Section 6 (Payment Schedule) if any payment obligations exist; Section 9 (Order of Precedence); Section 10 (Disputes); Section 11 (Severability); Section 12 (Headings and Section References); Section 13 (Survival of Terms) and Section 14 (Full Agreement).

Section 14 FULL AGREEMENT

This Agreement and its Exhibits constitute the final expression of the agreement of the parties and supersedes all previous agreements and understandings, whether written or oral, relating to the work. This Agreement may be executed in multiple counterparts, each of which shall be an original and all of which shall constitute one and the same instrument. A facsimile copy or computer image, such as a PDF or tiff image, or a signature shall be treated as and shall have the same effect as an original signature. In addition, a true and correct facsimile copy or computer image of this Agreement shall be treated as and shall have the same effect as an original signed copy of this document. This Agreement may not be altered, amended, or modified except by written instrument signed by duly authorized representatives of the parties. The preprinted terms and conditions found on any Purchaser purchase order, acknowledgment or other form will not be considered an amendment or modification of this Agreement, even if a representative of each party signs that document.

IN WITNESS WHEREOF, the parties have caused this Agreement to be executed by their duly authorized representatives as of the last day and year written below.

MOTOROLA SOLUTIONS, INC.	**PURCHASER**
By: _____ (Signature)	By: _____ (Signature)
Name: Richard R Russek (Print - Block Letters)	Name: _____ (Print - Block Letters)
Title: Area Sales Manager (Print - Block Letters)	Title: _____ (Print - Block Letters)
Date: 6/4/2018	Date: _____

THE STATE OF TEXAS §
COUNTY OF WILLIAMSON §

COUNTY ADDENDUM FOR MOTOROLA SOLUTIONS SERVICES SOW CONTRACT "NICE/CISCO INTEGRATION"

Important Notice: County Purchase Orders and Contracts constitute expenditures of public funds, and all vendors are hereby placed on notice that such procurement is subject to the extent authorized by Texas law, including but not limited to Tex. Const. art. XI, § 7, the Texas Government Code, the Texas Local Government Code, the Texas Transportation Code, the Texas Health & Safety Code, and Opinions of the Texas Attorney General relevant to local governmental entities.

THIS CONTRACT is made and entered into by and between **Williamson County, Texas** (hereinafter "Customer"), a political subdivision of the State of Texas, acting herein by and through its governing body, and Motorola Solutions Inc. (hereinafter "Motorola"). Customer agrees to engage Motorola as an independent contractor, to assist in providing certain operational services pursuant to the following terms, conditions, and restrictions:

I.

No Waiver of Sovereign Immunity or Powers: Nothing in this contract will be deemed to constitute a waiver of sovereign immunity or powers of Customer, the Williamson County Commissioners Court, or the Williamson County Judge.

II.

No Assignment: Motorola may not assign this contract, without express written consent of the Williamson County Commissioners Court.

III.

Compliance with All Laws: Motorola agrees and will comply with any and all local, state or federal requirements with respect to the services rendered.

IV.

Good Faith: Motorola agrees to act in good faith in the performance of this contract.

V.

Payment: Payment for goods and services shall be governed by Chapter 2251 of the Texas Government Code. An invoice shall be deemed overdue the 31st day after the later of (1) the date The County receives the goods under the contract; (2) the date the performance of the service under the contract is completed; or (3) the date the Williamson County Auditor receives an invoice for the goods or services. Interest charges for any overdue payments shall be paid by The County in accordance with Texas Government Code Section 2251.025. More specifically, the rate of interest that shall accrue on a late payment is the rate in effect on September 1 of The County's fiscal year in which the payment becomes due. The said rate in effect on September 1 shall be equal to the sum of one percent (1%); and (2) the prime rate published in the Wall Street Journal on the first day of July of the preceding fiscal year that does not fall on a Saturday or Sunday.

VI.

Right to Audit: Motorola agrees that Customer or its duly authorized representatives shall, until the expiration of three (3) years after final payment under this Contract, have access to and the right to examine and photocopy any and all books, documents, papers and records of Motorola which are directly pertinent to the services to be performed under this Contract for the purposes of making audits, examinations, excerpts, and transcriptions. Motorola agrees that Customer shall have access during normal working hours to all necessary Motorola facilities and shall be provided adequate and appropriate work space in order to conduct audits in compliance with the provisions of this section. Customer shall give Motorola reasonable advance notice of intended audits.

VII.

Mediation: The parties agree to use mediation for dispute resolution prior to and formal legal action being taken on this Contract.

VIII.

County Judge or Presiding Officer Authorized to Sign Contract: The presiding officer of Customer's governing body who is authorized to execute this instrument by order duly recorded may execute this contract on behalf of Customer.

CERTIFICATE OF INTERESTED PARTIES

FORM 1295

Complete Nos. 1 - 4 and 6 if there are interested parties.
Complete Nos. 1, 2, 3, 5, and 6 if there are no interested parties.

OFFICE USE ONLY
CERTIFICATION OF FILING

Certificate Number:
2017-264888

Date Filed:
09/25/2017

Date Acknowledged:

1 Name of business entity filing form, and the city, state and country of the business entity's place of business.
Motorola Solutions
Austin, TX United States

2 Name of governmental entity or state agency that is a party to the contract for which the form is being filed.
Williamson County Texas

3 Provide the identification number used by the governmental entity or state agency to track or identify the contract, and provide a description of the services, goods, or other property to be provided under the contract.
Phone System Integration
Motorola NICE Cisco Phone System Integration Project

4 Name of Interested Party	City, State, Country (place of business)	Nature of interest (check applicable)	
		Controlling	Intermediary

5 Check only if there is NO Interested Party. [X]

6 AFFIDAVIT

I swear, or affirm, under penalty of perjury, that the above disclosure is true and correct.

BETH SHELTON
Notary ID #11199507
My Commission Expires
April 23, 2018

Signature of authorized agent of contracting business entity

AFFIX NOTARY STAMP / SEAL ABOVE

Sworn to and subscribed before me, by the said Richard K Russek, this the 26 day of Sept., 20 17, to certify which, witness my hand and seal of office.

Beth Shelton — Signature of officer administering oath
Beth Shelton — Printed name of officer administering oath
Notary — Title of officer administering oath

CERTIFICATE OF INTERESTED PARTIES

FORM 1295

Complete Nos. 1 - 4 and 6 if there are interested parties.
Complete Nos. 1, 2, 3, 5, and 6 if there are no interested parties.

OFFICE USE ONLY
CERTIFICATION OF FILING

Certificate Number:
2017-264888

Date Filed:
09/25/2017

Date Acknowledged:
10/05/2017

1 Name of business entity filing form, and the city, state and country of the business entity's place of business.

Motorola Solutions
Austin, TX United States

2 Name of governmental entity or state agency that is a party to the contract for which the form is being filed.

Williamson County Texas

3 Provide the identification number used by the governmental entity or state agency to track or identify the contract, and provide a description of the services, goods, or other property to be provided under the contract.

Phone System Integration
Motorola NICE Cisco Phone System Integration Project

4 Name of Interested Party	City, State, Country (place of business)	Nature of interest (check applicable)	
		Controlling	Intermediary

5 Check only if there is NO Interested Party. [X]

6 AFFIDAVIT

I swear, or affirm, under penalty of perjury, that the above disclosure is true and correct.

_____
Signature of authorized agent of contracting business entity

AFFIX NOTARY STAMP / SEAL ABOVE

Sworn to and subscribed before me, by the said _____, this the _____ day of _____, 20_____, to certify which, witness my hand and seal of office.

_____ _____ _____
Signature of officer administering oath | Printed name of officer administering oath | Title of officer administering oath

Commissioners Court - Regular Session **43.**

Meeting Date: 06/19/2018

Advertisement Approval IFB 1805-235 Milling and Overlay RR Blvd SH 195 to IH 35

Submitted For: Randy Barker **Submitted By:** Thomas Skiles, Purchasing

Department: Purchasing

Agenda Category: Regular Agenda Items

Information

Agenda Item

Discuss, consider, and take appropriate action on authorizing the Purchasing Agent to advertise and receive sealed bids for Repairing, Milling and Overlay - Ronald Reagan Blvd SH 195 to IH 35 under IFB # 1805-235.

Background

Williamson County is seeking qualified Contractors to provide materials, experienced repairing, milling, sealing, overlay, and striping crews and equipment to resurface Ronald Reagan Blvd from SH 195 to IH 35. Funding source 01.0200.0210.003599.

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

Bid Package

Form Review

Inbox	Reviewed By	Date
Purchasing (Originator)	Randy Barker	06/14/2018 11:20 AM
County Judge Exec Asst.	Wendy Coco	06/14/2018 11:26 AM
Form Started By: Thomas Skiles		Started On: 06/13/2018 07:54 AM
Final Approval Date: 06/14/2018		

Solicitation 1806-235

Repairing, Milling & Overlay - Ronald Reagan Blvd from SH 195 to IH 35

Bid Designation: Public

Williamson County, Texas

Bid 1806-235
Repairing, Milling & Overlay - Ronald Reagan Blvd from SH 195 to IH 35

Bid Number	1806-235
Bid Title	Repairing, Milling & Overlay - Ronald Reagan Blvd from SH 195 to IH 35
Expected Expenditure	**$2,403,740.00** (This price is expected - not guaranteed)
Bid Start Date	In Held
Bid End Date	Jul 17, 2018 3:00:00 PM CDT
Question & Answer End Date	Jul 13, 2018 5:00:00 PM CDT
Bid Contact	Blake Skiles Senior Purchasing Specialist 512-**943**-1478 blake.skiles@wilco.org
Contract Duration	**One Time Purchase**
Contract Renewal	Not Applicable
Prices Good for	**365 days**
Bid Comments	**Williamson County is seeking qualified Contractors to provide materials, experienced repairing, milling, sealing, overlay, and striping crews and equipment to resurface Ronald Reagan Blvd from SH 195 to IH 35. Final completion shall be 30 working days for Phase 1 and 30 working days for Phase 2.**

Item Response Form

Item	**1806-235--01-01 -** Total Bid Price
Quantity	**1 each**
Unit Price	
Delivery Location	**Williamson County, Texas** No Location Specified **Qty** 1

Description
Total Bid Price

Item	**1806-235--01-02 -** Please Attach All Documents To This Line
Quantity	**1 each**

Prices are not requested for this item.

Delivery Location	**Williamson County, Texas** No Location Specified **Qty** 1

Description
Please Attach All Documents To This Line

PUBLIC ANNOUNCEMENT AND GENERAL INFORMATION

WILLIAMSON COUNTY PURCHASING DEPARTMENT
SOLICITATION 1806-235

Repairing, Milling & Overlay - Ronald Reagan Blvd from SH 195 to IH 35

BIDS MUST BE RECEIVED ON OR BEFORE:
Jul 17, 2018 3:00:00 PM CDT

BIDS WILL BE PUBLICLY OPENED:
Jul 17, 2018 3:00:00 PM CDT

Notice is hereby given that sealed Bids for the above-mentioned goods and/or services will be accepted by the Williamson County Purchasing Department. Williamson County uses BidSync to distribute and receive bids. Specifications for this IFB may be obtained by registering at www.bidsync.com.

Williamson County prefers and requests electronic submittal of this Bid.

All electronic bids must be submitted via: www.bidsync.com

Electronic bids are requested, however paper bids will currently still be received, until further notice and may be mailed or delivered to the address listed below.

Bidders are strongly encouraged to carefully read this entire IFB.

All interested Bidders are invited to submit a Bid in accordance with the Instructions and General Requirements, Bid Format, Bid Specifications, and Definitions, Terms and Conditions stated in this IFB.

Please note that a complete package must be submitted choosing one of the above two methods. Split packages submitted will be considered "unresponsive" and will not be accepted or evaluated.

Williamson County will not accept any Bids received after the submittal deadline, and shall return such Bids unopened to the Bidder.

General Information:

- If mailed or delivered in person, Bids and Bid addenda are to be delivered in sealed envelope on or before the submittal deadline, as noted in the Public Announcement and General Information listed above for this IFB, to:

  Williamson County Purchasing Department
  Attn: **BID NAME AND NUMBER**
  901 South Austin Avenue
  Georgetown, Texas 78626

  - Bidders should list the Bid Number, Bid Name, Name and Address of Bidder, and the Date of the Bid opening on the outside of the box or envelope and note "Sealed Bid Enclosed."
  - Bidder should submit one (1) original.
  - Williamson County will NOT be responsible for unmarked or improperly marked envelopes.
  - Williamson County will not accept any responsibility for Bids being delivered by third party carriers.
  - Facsimile transmittals will NOT be accepted.

- Bids will be opened publicly in a manner; however, to avoid public disclosure of contents only the names and of Bidders and prices will be read aloud.

- All submitted questions with their answers will be posted and updated on www.bidsync.com.

- It is the Bidder's responsibility to review all documents in BidSync, including any Addenda that may have been added after the document packet was originally released and posted.

  - Any Addenda and/or other information relevant to the IFB will be posted on www.bidsync.com.

  - The Williamson County Purchasing Department takes no responsibility to ensure any interested Bidder has obtained any outstanding addenda or additional information.

Williamson County – Invitation for Bid (IFB)

SECTION 1 - DEFINITIONS

Addendum/Addenda – means any written or graphic instruments issued by the County prior to the consideration of Bids which modify or interpret the Bid Documents by additions, deletions, clarifications, or corrections.

Agreement/Ensuing Agreement(s) – means the Successful Bidder may be required by the County to sign an additional Agreement containing terms necessary to ensure compliance with the IFB and the Bidder's Bid. Such Ensuing Agreement(s) shall contain the Bid specifications, terms and conditions that are derived from the IFB.

Bid Documents – means the Legal Notice, IFB including attachments, and any Addenda issued by the County prior to the consideration of any Bids.

Bid – means the completed and signed bid form, (sometimes referred to as the Price Sheet), and ALL required forms and documentation listed in the IFB package which have been submitted in accordance with the terms and conditions described in the IFB package. A Bid submitted in accordance with this IFB is irrevocable during the specified period for evaluation and acceptance of Bids unless a waiver is obtained from the Williamson County Purchasing Agent.

Bidder – means a person or entity who submits a Bid in response to this IFB.

Contract – means this IFB and the Bid of the Successful Bidder shall become a Contract between the Successful Bidder and the County once the Successful Bidder's Bid is properly accepted by the Williamson County Commissioners Court.

Commissioner's Court – means the Williamson County Commissioners Court.

County – means Williamson County, a political subdivision of the State of Texas.

Invitation for Bid (IFB) – means this document, together with the attachments thereto and any future Addenda issued by the County.

Successful Bidder – means the liable Bidder to whom the County intends to award the Contract.

SECTION 2 - BID FORMAT AND SUBMISSION

2.1 ORGANIZATION OF BID CONTENTS FOR SUBMITTAL

Each Bid should be organized and items submitted in the order described below:

A. Transmittal Letter. Please see Section 2.3, Transmittal Letter, for more information.

B. Price Sheet.

C. Conflict of Interest Questionnaire. Please see Section 2.2, Conflict of Interest, for more information in regards to this. Please note that even if you deem there to be no Conflict of Interest, this signed questionnaire must be included in your package.

D. References. Please see Section 3.15, References, for more information.

E. Bid Affidavit.

F. Form 1295. Please see Section 2.4, Certificate of Interested Parties – Form 1295.

2.2 CONFLICT OF INTEREST

No public official shall have interest in a Contract, in accordance with Vernon's Texas Codes Annotated, Local Government Code, Title 5, Subtitle C, Chapter 171, as amended.

As of January 1, 2006, all Bidders are responsible for complying with Local Government Code, Title 5, Subtitle C, Chapter 176. Additional information may be obtained from the County's website at the following link:

http://www.wilco.org/CountyDepartments/Purchasing/ConflictofInterestDisclosure/tabid/689/language/en US/Default.aspx

Each Bidder must disclose any existing or potential conflict of interest relative to the performance of the requirements of this IFB. **Examples of potential conflicts of interest may include an existing business or personal relationship between the Bidder, its principal, or any affiliate or subcontractor with the County or any other entity or person involved in any way with the project that is subject to this IFB**. Similarly, any personal or business relationship between the Bidder, the principals, or any affiliate or subcontractor with any employee, or official of the County or its suppliers must be disclosed. Any such relationship that might be perceived or represented as a conflict must be disclosed. Failure to disclose any such relationship or reveal personal relationships with the County employees or officials may be cause for termination.

The County will decide if an actual or perceived conflict should result in Bid disqualification.

By submitting a Bid in response to this IFB, all Bidders affirm they have not given, nor intend to give, at any time hereafter, any economic opportunity, future employment, gift, loan, gratuity, special discount, trip, favor, or service to a the County public servant or any employee, official or representative of same, in connection with this procurement.

Each Bidder must provide a Conflict of Interest Statement with their Bid Package. Package may be deemed incomplete without this form.

2.3 TRANSMITTAL LETTER

The Bidder should submit a Transmittal Letter that provides the following information:

A. Name and address of individual or business entity submitting the Bid.

B. Name, physical address, email address, business and fax number of the Bidder's principal contact person regarding all contractual matters relating to this IFB.

C. The Bid's Federal Employer Identification Number.

D. If the Proposal being submitted will have an effect on air quality for the County (as it relates to any state, federal, or voluntary air quality standard), then the Respondent is encouraged to provide information in narrative indicating the anticipated air quality impact. See Section 4.36, Air Quality for more information.

2.4 CERTIFICATE OF INTERESTED PARTIES – FORM 1295

As of January 1, 2016, all Successful Bidders are responsible for complying with the Texas Government Code, Section 2252.908. The law states that the County may not enter into certain contracts with a Bidder unless the Bidder submits a disclosure of interested parties to the County at the time the Bidder submits the signed Contract. The law applies only to a Contract of the County on or after January 1, 2016 that either:

A. Requires an action or vote by the Commissioners Court before the Contract may be signed (all contracts that fall under the jurisdiction of the Commissioners Court approval, such as contracts resulting from an Initiation for Bid (IFB), RFP, Request for Qualifications (RFQ), etc., excluding, but not limited to, certain Juvenile Service contracts, contracts funded with Sheriff's seized fun monies, etc.); or
B. Has a value of at least $1,000,000.

By January 1, 2016, the Texas Ethics Commission will make available on its website, a new filing application that must be used to file Form 1295. Information regarding how to use the filing application is available on the Texas Ethics Commission website at the following link:

https://www.ethics.state.tx.us/whatsnew/elf_info_form1295.htm

A Respondent must:

A. Use the online application to process the required information on Form 1295.

B. Print a copy of the form which will contain a unique certification number.

C. An authorized agent of the Bidder must sign the printed copy of the form.

D. Have the form notarized.

E. File the completed Form 1295 and certification of filing (scanning and emailing form is sufficient) with Williamson County Purchasing Agent at the time the signed Contract is submitted for approval.

After the Commissioners Court award of the Contract, the County shall notify the Texas Ethics Commission, using the Texas Ethics Commission's filing application, of the receipt of the filed Form 1295 and certification of filing not later than the 30th day after the date the Contract binds all parties to the Contract. The Texas Ethics Commission will post the completed Form 1295 to its website within seven business days after receiving notice from the County.

2.5 ETHICS

The Bidder shall not accept or offer gifts or anything of value nor enter into any business arrangement with any employee, official or agent of the County.

2.6 BID SUBMITTAL DEADLINE

The Bid is due no later than the submittal date and time set forth in the Public Announcement and General Information listed in this IFB package. Contents of each Bid shall be submitted in accordance with this IFB.

2.7 DELIVERY OF BIDS

The County uses BidSync to distribute and receive Bids and proposals. It is preferred that Bids submitted electronically through BidSync; however, Bidders can submit a hard copy.

Refer to www.bidsync.com for further information on how to submit electronically.

If mailed or delivered in person, Bids and Bid Addenda are to be delivered in sealed envelope on or before the submittal deadline, as noted in the Public Announcement and General Information listed in this IFB package, to:

Williamson County Purchasing Department
Attn: **Bid Name and Number**
901 South Austin Avenue
Georgetown, Texas 78626

Also, all Bidders should list their Name and Address, and the Date of the Bid opening on the outside the box or envelope and note "Sealed Bid Enclosed." The County will not accept any Bids received after the submittal deadline, and shall return such Bids unopened to the Bidder. The County will not accept any responsibility for Bids being delivered by third party carriers.

Bids will be opened publically and the names of Bidders and pricing will be read aloud.

SECTION 3 - INSTRUCTIONS AND GENERAL REQUIREMENTS

3.1 INSTRUCTIONS

Read this document carefully, and follow all instructions and requirements. All Bidders are responsible for fulfilling all requirements and specifications. Be sure to have a clear understanding of this IFB.

General requirements apply to all advertised IFBs; however, these may be superseded, in whole or in part, by the bid specifications, Addenda and modifications issued as a part of this IFB. Be sure your Bid package is complete.

3.2 AMBIGUITY, CONFLICT, OR OTHER ERRORS IN THIS IFB

If a Bidder discovers any ambiguity, conflict, discrepancy, omission or other error in this IFB, the Bidder shall immediately notify the County Purchasing Department of such error in writing and request modification or clarification of the document.

Modifications will be made by issuing Addenda. If the Bidder fails to notify the County prior to the date and time fixed for submission of Bids of an error or ambiguity in the IFB known to the Bidder, or an error or ambiguity that reasonably should have been known to the Bidder, then the Bidder shall be deemed to have waived the error or ambiguity or its later resolution.

The County may also modify the IFB, no later than forty-eight (48) hours prior to the date and time fixed for submission of Bids, by issuance of an Addendum. All Addenda will be numbered consecutively, beginning with one (1).

3.3 NOTIFICATION OF MOST CURRENT ADDRESS

All Bidders in receipt of this IFB shall notify the Williamson County Purchasing Department of any address changes, contact person changes, and/or telephone number changes no later than forty-eight (48) hours prior to the date and time fixed for submission of Bids.

3.4 SIGNATURE OF BIDDER

A. If the Bidder is a Corporation or Limited Liability Company, the legal name of the Corporation Limited Liability Company shall be provided together with the signature of the officer or officers authorized to sign on behalf of such entity.

B. If the Bidder is a General Partnership, the true name of the firm shall be provided with the signature of each partner authorized to sign.

C. If the Bidder is a Limited Partnership, the name of the Limited Partner's General Partner shall provided with the signature of the officer authorized to sign on behalf of the General Partner.

D. If the Bidder is a Sole Proprietor(s) (individual), each Sole Proprietor(s) shall sign.

E. If signature is by an agent, other than the Sole Proprietor(s) or an officer of a Corporation, Limited Liability Company, General Partner or a member of a General Partnership, a power of attorney equivalent document must be submitted to the Williamson County Purchasing Department.

3.5 ASSUMED BUSINESS NAME

If the Bidder operates business under an Assumed Business Name, the Bidder must have on file with the Williamson County Clerk a current Assumed Name Certificate and provide a file marked copy of same.

3.6 BID OBLIGATION

The contents of the IFB, Bid, and any clarification thereof submitted by the Successful Bidder shall become part of the contractual obligation and incorporated by reference into the Contract and any Ensuing Agreement(s).

3.7 COMPLIANCE WITH IFB SPECIFICATIONS

It is intended that this IFB describe the requirements and the Bid format in sufficient detail to secure comparable Bids. Failure to comply with all provisions of the IFB may, at the sole discretion of the County, result in disqualification.

3.8 WITHDRAWAL OF BID

The Bidder may withdraw its Bid by submitting a written request with the company letterhead and the signature of an authorized individual, as described in Section 3.4, Signature of Bidder, to the Williamson County Purchasing Department any time prior to the submission deadline.

The Bidder may submit a new Bid prior to the deadline. Alterations of the Bid in any manner will not be considered if submitted after the deadline. Withdrawal of a Bid after the deadline will be subject to written approval of the Williamson County Purchasing Agent.

3.9 EVALUATION AND AWARD

The County reserves the right to use all pertinent information (also learned from sources other than disclosed in the Bid process) that might affect the County's judgment as to the appropriateness of award to the lowest and best evaluated Bid. This information may be appended to the Bid evaluation process results. Information on a Bidder from reliable sources, and not within the Bidder's Bid, may also be noted and made part of the evaluation file. The County shall have sole discretion for determining the reliability of the source.

To ensure the proper and fair evaluation of a solicitation, the County prohibits unsolicited communication initiated by the Bidder to the County Official or Employee evaluating or considering the Bids prior to the time an award has been made. Unsolicited communication may be ground for disqualifying the offending Bidder from consideration or award of the solicitation, or any future solicitation.

Communication between the Bidder and the County will be initiated by the appropriate County Official Employee in order to obtain information or clarification needed to develop a proper and accurate evaluation of the solicitation.

The County intends to award a Contract to the most responsible and responsive Bidder whose Bid will be most advantageous to the County. In accordance with Texas Government Code and Local Government Code, the County may consider, to the extent allowed by law, the following:

A. Price;
B. The Bidder's experience and reputation;
C. Quality of the Bidder's goods and/or services;
D. The Bidder's safety record;
E. The Bidder's proposed personnel;
F. The Bidder's financial capabilities; and
G. Any other relevant factors specifically listed in this IFB or authorized by law.

3.10 CONDISERATION OF LOCATION OF PRINCIPAL OFFICE

Pursuant to Texas Local Government Code, Section 271.905, in purchasing any real property or personal property that is not affixed to real property, if the County receives one or more Bids from a Bidder whose principal place of business is in Williamson County and whose Bid is within three (3) percent of the lowest Bid price received by the County from a Bidder who is not a resident of Williamson County, the County may enter into a contract with:

A. The lowest Bidder; or the Bidder whose principal place of business is in Williamson County if the Commissioners Court determines, in writing, that the local Bidder offers the County the best combination of contract price and additional economic development opportunities Williamson County created by the contract award, including the employment of residents Williamson County and increased tax revenues to Williamson County.

3.11. REJECTION OR ACCEPTANCE

It is understood that the Commissioners Court of Williamson County, Texas, reserves the right to accept or reject any and/or all Bids for any or all goods and/or services covered in this IFB, and to waive informalities or defects in the Bid or to accept such Bid, if it shall deem to be in the best interest of the County.

Awards should be made approximately sixty (60) business days after the Bid opening date. Results may be obtained by viewing the Williamson County vendor portal at the following link:

http://www.wilco.org/CountyDepartments/Purchasing/SearchforaPastBid/tabid/5213/language/en-US/Default.aspx

3.12 RESPONSIBILITY

It is expected that a prospective Bidder will be able to affirmatively demonstrate responsibility. A prospective Bidder should be able to meet the following requirements:

A. Have adequate financial resources, or the ability to obtain such resources as required;
B. Be able to comply with the required or proposed delivery schedule;
C. Have a satisfactory record of performance that can be determined thru references provided; and
D. Be otherwise qualified and eligible to receive an award.

The County may request representation and other information sufficient to determine the Bidder's ability to meet these minimum standards listed above.

3.13 FIRM PRICING

For unit price items, all of the items listed are to be on a "per unit" basis, stating a firm price per unit or unit quantity of each item. The Bidder must submit a firm price that must be good from the date of Bid opening for the fixed period of time set out in this IFB. Unless the IFB expressly states otherwise, this period shall be until the end of the Initial Contract Period.

Bids which do not state a fixed price, or which are subject to change without notice, will not be considered. The Court may award a Contract for the period implied or expressly stated in the lowest and best Bid.

3.14 PURCHASE ORDERS

If required by the Williamson County Purchasing Department, a purchase order(s) may be generated to the Successful Bidder for goods and/or services. If a purchase order is issued, the purchase order number must appear on all itemized invoices and/or requests for payment.

3.15 SILENCE OF SPECIFICATIONS

The apparent silence of these specifications as to any detail or to the apparent omission from it of a detailed description concerning any point, shall be regarded as meaning that only the best practices are to prevail. All interpretations of these specifications shall be made on the basis of this statement.

3.16 REFERENCES

The County may require the Bidder to supply a list of at least three (3) references where like services and/or goods have been supplied by their firm within the past five (5) years, to include names, titles, phone numbers and email addresses of key personnel, and dates of performance.

The County may contact some or all of the references in order to determine the Respondent performance record on work similar to that described in this RFP. The County reserves the right to contact references other than those provided in the response and to use the information gained from them in the evaluation process.

References, if requested, should be provided in accordance with this IFB. Bid may not be deemed complete without the inclusion of requested references.

SECTION 4 - TERMS AND CONDITIONS

4.1 VENUE AND GOVERNING LAW

The Bidder hereby agrees and acknowledges that venue and jurisdiction of any suit, right, or cause of action arising out of or in connection with this IFB, the Contract and any Ensuing Agreement(s), shall lie exclusively in either Williamson County, Texas or in the Austin Division of the Western Federal District of Texas, and the parties hereto expressly consent and submit to such jurisdiction. Furthermore, except to the extent that this IFB, the Contract and any Ensuing Agreement(s) is governed by the laws of the United States, this IFB, the Contract and any Ensuing Agreement(s) shall be governed by and construed in accordance with the laws of the State of Texas, excluding, however, its choice of law rules.

4.2 INCORPORATION BY REFERENCE AND PRECEDENCE

A. The Contract shall be derived from the IFB and its Addenda (if applicable), and the Bidder's Bid. In the event of a dispute under the Contract, applicable documents will be referred to for the purpose of clarification or for additional detail in the following order of precedence:

   1. The IFB and its Addenda (if applicable); and

   2. The Bidder's Bid.

B. In the event the County requires that an Ensuing Agreement be executed following award and a dispute arises between the terms and conditions of the Ensuing Agreement, the IFB and its Addenda (if applicable), and the Bidder's Bid, applicable documents will be referred to for the purpose of clarification or for additional detail in the following order of precedence:

   1. Terms and conditions of the Ensuing Agreement;

   2. The IFB its Addenda; and

   3. The Bidder's Bid.

4.3 OWNERSHIP OF BID

Each Bid shall become the property of the County upon submittal and will not be returned to Bidders unless received after the submittal deadline.

4.4 DISQUALIFICATION OF BIDDER

Upon signing and submittal of the Bid, a Bidder offering to sell supplies, materials, services, or equipment to the County, certifies that the Bidder has not violated the antitrust laws of the State of Texas codified in Business & Commerce Code, Section 15.01, or the Federal Antitrust Laws, and has not communicated directly or indirectly the offer made to any competitor or any other person engaged in such line of business. Any or all Bids may be rejected if the County believes that collusion exists among the Bidders.

4.5 FUNDING

The County intends to budget and make sufficient funds available and authorize funds for expenditure to finance the costs of the Contract. All Bidders understand and agree that the County's payment of amounts under the Contract shall be contingent on the County receiving appropriations or other expenditure authority sufficient to allow the County, in the exercise of reasonable administrative discretion, to make payments under this Contract.

4.6 ASSIGNMENT, SUCCESSORS AND ASSIGNS

The Successful Bidder may not assign, sell, or otherwise transfer the Contract or any other rights or interests obtained under the Contract without written permission of the Commissioners Court. The Contract and any Ensuing Agreement(s) shall be binding upon and inure to the benefit of the contracting parties hereto and their respective successors and permitted assigns.

4.7 IMPLIED REQUIREMENTS

Products or services not specifically described or required in the IFB, but are necessary to provide the functional capabilities described by the Bidder, shall be implied and deemed to be included in the Bid.

4.8 TERMINATION

A. **Termination for Cause:** The County reserves the right to terminate the Contract and/or any Ensuing Agreement(s) for default if the Successful Bidder breaches any of the Bid specifications, terms and conditions, including warranties of the Bidder, if any, or if the Successful Bidder becomes insolvent or commits acts of bankruptcy. Such right of termination is in addition to and not in lieu of any other remedies the County may have at law or in equity or as may otherwise provided hereunder. Default may be construed as, but not limited to, failure to deliver the proper goods and/or services within the proper amount of time, and/or to properly perform any and all other requirements to the County's satisfaction, and/or to meet all other obligations and requirements.

B. **Termination for Convenience:** The County may terminate the Contract and/or any Ensuing Agreement(s) for convenience and without cause or further liability, upon no less than thirty (30) calendar days written notice to the Successful Bidder. The County reserves the right to extend this period if it is in the best interest of the County. In the event the County exercises its right to terminate without cause, it is understood and agreed that only the amounts due to the Successful Bidder for goods, commodities and/or services provided and expenses incurred to and including the date of termination, will be due and payable. No penalty will be assessed for the County termination for convenience.

4.9 NON-PERFORMANCE

It is the objective of the County to obtain complete and satisfactory performance of the requirements set forth herein. In addition to any other remedies available at law, in equity or that may be set out herein, failure to perform may result in a deduction of payment equal to the amount of the goods and/or services that were not provided and/or performed to the County's satisfaction.

In the event of such non-performance, the County shall have the right, but shall not be obligated, to complete the services itself or by others and/or purchase the goods from other sources. If the County elects to acquire the goods or perform the services itself or by others, pursuant to the foregoing, the Successful Bidder shall reimburse the County, within ten (10) calendar days of demand, for all costs incurred by the County (including, without limitation, applicable, general, and administrative expenses, and field overhead, and the cost of necessary equipment, materials, and field labor) in correcting the nonperformance which the Successful Bidder fails to meet pursuant to the requirements set out herein. In the event the Successful Bidder refuses to reimburse the County as set out in this provision, the County shall have the right to deduct such reimbursement amounts from any amounts that may be then owing or that may become owing in the future to the Successful Bidder.

4.10 PROPRIETARY INFORMATION AND THE TEXAS PUBLIC INFORMATION ACT

All material submitted to the County shall become public property and subject to the Texas Public Information Act upon receipt. If a Bidder does not desire proprietary information in the Bid to be disclosed, each page must be clearly identified and marked proprietary at time of submittal or, more

preferably, all proprietary information may be placed in a folder or appendix and be clearly identified and marked as being proprietary. Failure to clearly identify and mark information as being proprietary as set forth under this provision will result in all unmarked information being deemed non-proprietary and available to the public. For all information that has not been clearly identified and marked as proprietary by the Bidder, the County may choose to place such information on the County's website and/or a similar public database without obtaining any type of prior consent from the Bidder.

The County will, to the extent allowed by law, endeavor to protect from public disclosure the information that has been identified and marked as proprietary. The final decision as to what information must be disclosed, however, lies with the Texas Attorney General.

To the extent, if any, that any provision in this IFB or in the Bidder's Bid is in conflict with Texas Government Code, Chapter 552, as amended (the "Public Information Act"), the same shall be of no force or effect. Furthermore, it is expressly understood, and agreed, that the County, and its officers and employees, may request advice, decisions and opinions of the Attorney General of the State of Texas in regard to the application of the Public Information Act to any items or data furnished to the County as to whether or not the same are available to the public. It is further understood that the County, and its officers and employees, shall have the right to rely on the advice, decisions and opinions of the Attorney General, and that the County, its officers and employees shall have no liability or obligation to any party hereto for the disclosure to the public, or to any person or persons, of any items or data furnished to the County by a party hereto, in reliance of any advice, decision or opinion of the Attorney General of the State of Texas.

4.11 RIGHT TO AUDIT

The Successful Bidder agrees that the County or its duly authorized representatives shall, until the expiration of three (3) years after termination or expiration of the services to be performed, have access to and the right to examine and photocopy any and all books, documents, papers and records of the Successful Bidder, which are directly pertinent to the services to be performed or goods to be delivered for the purposes of making audits, examinations, excerpts and transcriptions. The Successful Bidder agrees that the County shall have access during normal working hours to all necessary facilities and shall be provided adequate and appropriate work space in order to conduct audits in compliance with the provisions of this section. The County shall give the Successful Bidder reasonable advance notice of intended audits.

4.12 TESTING AND INSPECTIONS

The County reserves the right to inspect and test equipment, supplies, materials and goods for quality and compliance with this IFB, and ability to meet the needs of the user. Demonstration units must be available for review. Should the goods or services fail to meet requirements and/or be unavailable for evaluation, the County can deem the Bidder to be in breach and terminate the Contract and/or any Ensuing Agreement(s).

4.13 BID PREPARATION COSTS

The cost of developing Bids is the sole responsibility of the Bidders and shall not be charged to the County. There is no expressed or implied obligation for the County to reimburse the Bidders for any expense incurred in preparing a Bid in response to this IFB and the County will not reimburse the Bidders for such expenses.

4.14 INDEMNIFICATION

The Successful Bidder shall indemnify, defend and save harmless, the County, its officials, employees, agents and agent's employees from, and against, all claims, liability, and expenses including reasonable attorneys' fees, arising from activities of the Bidder, its agents, servants or employees, performed hereunder that result from the negligent act, error, or omission of the Bidder or any of the Bidder

agents, servants or employees, as well as all claims of loss or damage to the Bidder's and the County property, equipment, and/or supplies.

Furthermore, the County, its officials, employees, agents and agents' employees shall not be liable for damages to the Successful Bidder arising from any act of any third party, including, but not limited to, theft. The Successful Bidder further agrees to indemnify, defend and save harmless, the County from its officials, employee, agents and agents' employees against all claims of whatever nature arising from any accident, injury, or damage whatsoever, caused to any person, or the property of any person, occurring in relation to the Successful Bidder's performance of any services requested hereunder during the term of the Contract and/or any Ensuing Agreement(s).

The Successful Bidder shall timely report all claims, demands, suits, actions, proceedings, liens or judgements to the County and shall, upon the receipt of any claim, demand, suit, action, proceeding, lien or judgement, not later than the fifteenth (15^{th}) day of each month; provide the County with a written report on each such matter, setting forth the status of each matter, the schedule or planned proceedings with respect to each matter and the cooperation or assistance, if any, of the County required by the Successful Bidder in the defense of each matter. The Successful Bidder's duty to defend, indemnify and hold the County harmless shall be absolute. It shall not abate or end by reason of the expiration or termination of the Contract and/or any Ensuing Agreement(s), unless otherwise agreed by the County in writing. The provisions of this section shall survive the termination of the Contract and shall remain in full force and effect with respect to all such matters no matter when they arise.

In the event of any dispute between the parties, as to whether a claim, demand, suit, action, proceeding, lien or judgement, that appears to have been caused by or appears to have arisen out of or in connection with acts or omissions of the County, the Bidder shall nevertheless fully defend such claim, demand, suit or action, proceeding, lien or judgement, until and unless there is a determination by a court of competent jurisdiction that the acts and omissions of the Bidder are not an issue in the matter.

The Successful Bidder's indemnification shall cover, and the Successful Bidder agrees to, indemnify the County, in the event the County is found to have been negligent for having selected the Successful Bidder to perform the work described in this request. The provision by the Successful Bidder of insurance shall not limit the liability of the Successful Bidder under the Contract and/or any Ensuing Agreement(s).

4.15 WAIVER OF SUBROGATION

The Successful Bidder and the Successful Bidder's insurance carrier waive any and all rights whatsoever with regard to subrogation against the County as an indirect party to any suit arising out of personal or property damages resulting from the Bidder's performance under this Contract and any Ensuing Agreement(s).

4.16 RELATIONSHIP OF THE PARTIES

The Successful Bidder shall be an independent contractor and shall assume all of the rights, obligations, liabilities, applicable to it as such independent contractor hereunder and any provisions herein which may appear to give the County the right to direct the Successful Bidder as to details of doing work herein covered, or to exercise a measure of control over the work, shall be deemed to mean that the Successful Bidder shall follow the desires of the County in the results of the work only. The County shall not retain or have the right to control the Successful Bidder's means, methods or details pertaining to the Successful Bidder's performance of the work. The County and the Successful Bidder hereby agree and declare that the Successful Bidder is an independent contractor and as such meets the qualifications of an "Independent Contractor" under Texas Workers Compensation Act, Texas Labor Code, Section 406.141, that the Successful Bidder is not an employee of the County, and that the Successful Bidder and its employees, agents and subcontractors shall not be entitled to workers compensation coverage or any other type of insurance coverage held by the County.

4.17 SOLE PROVIDER

The Successful Bidder agrees and acknowledges that it shall not be considered a sole provider of the goods and/or services described herein and that the County may contract with other providers of such goods and/or services if the County deems, at its sole discretion, that multiple providers of the same goods and/or services will serve the best interest of the County.

4.18 FORCE MAJEURE

If the party obligated to perform is prevented from performance by an act of war, order of legal authority, act of God, or other unavoidable cause not attributable to the fault or negligence of said party, the other party shall grant such party relief from the performance. The burden of proof for the need of such relief shall rest upon the party obligated to perform. To obtain release based on force majeure, the party obligated to perform shall file a written request with the other party.

4.19 SEVERABILITY

If any provision of this IFB, the Contract or any Ensuing Agreement(s) shall be held invalid or unenforceable by any court of competent jurisdiction, such holding shall not invalidate or render unenforceable any other provision thereof, but rather the entire IFB, Contract or any Ensuing Agreement (s) will be construed as if not containing the particular invalid or unenforceable provision or provisions, and the rights and obligation of the parties shall be construed and enforced in accordance therewith. The parties acknowledge that if any provision of this IFB, the Contract or any Ensuing Agreement(s) is determined to be invalid or unenforceable, it is the desire and intention of each that such provision be reformed and construed in such a manner that it will, to the maximum extent practicable, give effect to the intent of this IFB, the Contract or any Ensuing Agreement(s) and be deemed to be validated and enforceable.

4.20 EQUAL OPPORTUNITY

Neither party shall discriminate against any employee or applicant for employment because of race, color, sex, religion or national origin.

4.21 NOTICE

Any notice to be given shall be in writing and may be distributed by personal delivery, or by registered or certified mail, return receipt requested, addressed to the proper party, at the following address:

The County: Williamson County Purchasing Department
Attn: Purchasing Agent
901 South Austin Avenue
Georgetown, Texas 78626

The Bidder: Address set out in Bidder's Transmittal Letter.

Notices given in accordance with this provision shall be effective upon (1) receipt by the party to which notice is given, or (2) on the third (3rd) calendar day following mailing, whichever occurs first.

4.22 SALES AND USE TAX EXEMPTION

The County is a body, corporate and politic, under the laws of the State of Texas and claims exemption from sales and use taxes under Texas Tax Code, Section 151.309, as amended, and the services and/or goods subject hereof are being secured for use by the County.

4.23 COMPLIANCE WITH LAWS

The County and the Successful Bidder shall comply with all federal, state, and local laws, statutes, ordinances, rules and regulations, and the orders and decrees of any courts or administrative bodies or tribunals in any matter affecting the performance of the Contract and any Ensuing Agreement(s), including, without limitation, Workers' Compensation laws, salary and wage statutes and regulations, licensing laws and regulations. When required, the Successful Bidder shall furnish the County with certification of compliance with said laws, statues, ordinances, rules, regulations, orders, and decrees above specified.

4.24 INCORPORATION OF EXHIBITS, APPENDICES AND ATTACHMENTS

All of the Exhibits, Appendices and Attachments referred to herein are incorporated by reference as if set forth verbatim herein. Any conflicting terms in the Contract documents will be resolved at the sole discretion of the Commissioners Court.

4.25 NO WAIVER OF IMMUNITIES

Nothing herein shall be deemed to waive, modify or amend any legal defense available at law or in equity to the County, its past or present officers, employees, or agents, nor to create any legal rights or claim on behalf of any third party. The County does not waive, modify, or alter to any extent whatsoever the availability of the defense of governmental immunity under the laws of the State of Texas and of the United States.

4.26 NO WAIVER

The failure or delay of any party to enforce at any time or any period of time any of the provisions of this IFB, the Contract or any Ensuing Agreement(s) shall not constitute a present or future waiver of such provisions nor the right of either party to enforce each and every provision. Furthermore, no term or provision hereof shall be deemed waived and no breach excused unless such waiver or consent shall be in writing and signed by the party claimed to have waived or consented. Any consent by any party to, or waiver of, a breach by the other, whether expressed or implied, shall not constitute a consent to, waiver of or excuse for any other, different or subsequent breach.

4.27 CURRENT REVENUES

The obligations of the parties under the Contract and any Ensuing Agreement(s) do not constitute a general obligation or indebtedness of the County for which the County is obligated to levy, pledge, or collect any of taxation. It is understood and agreed that the County shall have the right to terminate the Contract and any Ensuing Agreement(s) at the end of any the County fiscal year if the governing body of the County does not appropriate sufficient funds as determined by the County's budget for the fiscal year in question. The County may effect such termination by giving written notice of termination to the Successful Bidder at the end of its then-current fiscal year.

4.28 FOB DESTINATION

To the extent applicable to this IFB, all of the items listed are to be Free On Board to final destination (FOB Destination) with all transportation charges if applicable to be included in the Bid, unless otherwise specified in the Invitation for Bids. The title and risk of loss of the goods shall not pass to the County until receipt and acceptance takes place at the FOB Destination point.

4.29 BINDING EFFECT

This Contract and any Ensuing Agreement(s) shall be binding upon and inure to the benefit of the parties and their respective permitted assigns and successors.

4.30 ASSIGNMENT

The Successful Bidder's interest and duties hereunder may not be assigned or delegated to a third party without the express written consent of the County.

4.31 SAFETY

The Successful Bidder is responsible for initiating, maintaining, and supervising all safety precautions and programs in connection with any services to be provided hereunder. The safety program shall comply with all applicable requirements of the current federal Occupational Safety and Health Act and all other applicable federal, state and local laws and regulations.

4.32 GENERAL OBLIGATIONS AND RELIANCE

The Successful Bidder shall perform all services and/or provide all goods, as well as those reasonably inferable and necessary for completion and provision of services and/or goods required hereunder. The Successful Bidder shall keep the County informed of the progress and quality of the services. The Successful Bidder agrees and acknowledges that the County is relying on the Successful Bidder's represented expertise and ability to provide the goods and/or services described herein. The Successful Bidder agrees to use its best efforts, skill, judgment, and abilities to perform its obligations in accordance with the highest standards used in the profession and to further the interests of the County accordance with the County's requirements and procedures. The Successful Bidder's duties, set forth herein, shall at no time be in any way diminished by reason of any approval by the County, n shall the Successful Bidder be released from any liability by reason of such approval by the County, it being understood that the County at all times is ultimately relying upon the Successful Bidder's skill and knowledge in performing the services and providing any goods required hereunder.

4.33 ESTIMATED QUANTITIES

To the extent applicable to this IFB, the estimated quantity of each item listed in this IFB is only estimate; the actual quantity to be purchased may be more or less. The County is not obligated purchase any minimum amount, and the County may purchase any reasonable amount greater than t estimate for the same unit price. Any limit on quantities available must be stated expressly in the Bid.

4.34 CONTRACTUAL DEVELOPMENT

The contents of the IFB and the Successful Bidder's Bid will become an integral part of the Contract, but may be modified, at the County's sole discretion, by provisions of an Ensuing Agreement. Therefore, the Bidder must agree to an inclusion of an Ensuing Agreement of the Bid specifications, terms and conditions of this IFB. If an Ensuing Agreement is required under this IFB, information relative to t Agreement will be located in the Additional Stipulations Section of this IFB.

4.35 SURVIVABILITY

All applicable agreements that were entered into between the Successful Bidder and the County, under the terms and conditions of the Contract and/or any Ensuing Agreement(s), shall survive the expiration or termination thereof for ninety (90) days unless a new contract has been awarded.

The County may exercise, by written notice to the Successful Bidder no later than ten (10) calendar days of the Contract expiration, this clause for emergencies only.

4.36 AIR QUALITY

In determining the overall best Bid, the County may, to the extent applicable, exercise the option granted to local governments under the Texas Local Government Code, Section 271.907.

This option allows the County to evaluate Bids and give preference to goods and/or services of a Bidder that demonstrates that the Bidder meets or exceeds any and all state or federal environmental standards, including voluntary standards, relating to air quality. If the Bid being submitted will have an effect on air quality for the County (as it relates to any state, federal, or voluntary air quality standard), then the Bidder is encouraged to provide information in narrative indicating the anticipated air quality impact. All Bidders are expected to meet all mandated state and federal air quality standards.

4.37 ENTIRE AGREEMENT

The Contract and any Ensuing Agreement(s) shall supersede all prior Agreements, written or oral between the Successful Bidder and the County and shall constitute the entire Agreement and understanding between the parties with respect to the services and/or goods to be provided. Each of the provisions herein shall be binding upon the parties and may not be waived, modified, amended or altered, except by writing signed by the Successful Bidder and the County.

4.38 PAYMENT

The County's payment for goods and services shall be governed by the Texas Government Code, Chapter 2251. An invoice shall be deemed overdue the thirty-first (31st) day after the later of the following:

A. The date the County receives the goods under the Contract;
B. The date the performance of the service under the Contract is completed; or
C. The date the Williamson County Auditor receives an invoice for the goods or services.

Interest charges for any overdue payments shall be paid by the County in accordance with Texas Government Code, Section 2251.025. More specifically, the rate of interest that shall accrue on a late payment is the rate in effect on September 1 of the County's fiscal year in which the payment becomes due. The said rate in effect on September 1 shall be equal to the sum of one (1) percent, and the prime rate published in the Wall Street Journal on the first (1st) day of July of the preceding fiscal year that does not fall on a Saturday or Sunday.

In the event that an error appears in an invoice submitted by the Successful Bidder, the County shall notify the Successful Bidder of the error not later than the twenty-first (21st) day after the date the County receives the invoice. If the error is resolved in favor of the Successful Bidder, the Successful Bidder shall be entitled to receive interest on the unpaid balance of the invoice submitted by the Successful Bidder beginning on the date that the payment for the invoice became overdue. If the error is resolved in favor of the County, the Successful Bidder shall submit a corrected invoice that must be paid in accordance within the time set forth above. The unpaid balance accrues interest as provided by the Texas Government Code, Chapter 2251, if the corrected invoice is not paid by the appropriate date.

As a minimum, invoices shall include:

A. Name, address, and telephone number of the Successful Bidder and similar information in the event the payment is to be made to a different address.

B. The County Contract, Purchase Order.

C. Identification of items or service as outlined in the Contract.

D. Quantity or quantities, applicable unit prices, total prices and total amount.

E. Any additional payment information which may be called for by the Contract.

Payment inquiries should be directed to the following address:

Williamson County Auditor's Office, Accounts Payable Department
Email: accountspayable@wilco.org
Phone: 512-943-1500

4.39 CONTRACTUAL FORMATION AND ENSUING AGREEMENT

The IFB and the Bidder's Bid, when properly accepted by the Commissioners Court, shall constitute a Contract equally binding between the Successful Bidder and the County.

If an Ensuing Agreement is required by this IFB, that information will be provided in Special Provisions section of this IFB. The Successful Bidder shall be required to execute the Agreement at the Williamson County Purchasing Department approximately ten (10) calendar days after the Successful Bidder is notified of award. The Ensuing Agreement shall be in the same form as the Agreement which is attached to the end of this IFB. The only anticipated changes in the Ensuing Agreement will be to include additional exhibits, to fill in blanks to identify the Successful Bidder, and terms relating to the compensation, or to revise the Agreement to accommodate corrections, changes in the scope of services, or changes pursuant to Addenda issued. **Bidders should raise any questions regarding the terms of the Agreement in the form of written questions or submittals as described in the Public Announcement and General Information portion of this IFB.** Because the signed Ensuing Agreement will be substantively and substantially derived from the attached Agreement, each Bidder is urged to seek independent legal counsel as to any questions about the terms, conditions or provisions contained in the Agreement *before* submitting a Bid. Again, the attached Agreement, if applicable, contains important legal provisions and is considered part and parcel of this IFB. Failure or refusal to sign aforesaid Agreement shall be grounds for the County to revoke any award which has been issued, forfeit Bid security, if applicable, and select another Bidder.

4.40 COOPERATIVE PURCHASING PROGRAM

During the term of the Contract resulting from this IFB, the County would like to afford the same prices, terms and conditions to other political subdivisions or public entities. Another entity's participation in the Contract resulting from this IFB is subject to a properly authorized Purchasing Cooperative Inter-local Agreement with the County. Any liability created by purchase orders issued against the Contract shall be the sole responsibility of the governmental agency placing the order.

4.41 INSURANCE REQUIREMENTS

To the extent applicable Insurance information will appear in the Additional Stipulations section that is in this IFB Package.

4.42 BIDDERS BOND, WARRANTY BOND, PERFORMANCE AND PAYMENT BONDS

To the extent applicable Bond information will appear in the Additional Stipulations section that is in this IFB Package.

4.43 LEGAL LIABILITY INFORMATION

The Successful Bidder shall disclose all legal liability information by listing any pending litigation anticipated litigation that your firm is involved in including, but not limited to, potential or actual legal matters with private parties and any local, state, federal or international governmental entities. The County reserves the right to consider legal liability information in the recommendation of any proposed contract to the Commissioners Court.

4.44 INCLEMENT WEATHER

In case of inclement weather or any other unforeseen event causing the County to close for business on the date of a Bid submission deadline, the Bid closing will automatically be postponed until the next business day the County is open. If inclement weather conditions or any other unforeseen event causes delays in carrier service operations, the County may issue an Addendum to all known Bidders interested in the project to extend the deadline. It will be the responsibility of the Bidder to notify the County of their interest in the project if these conditions are impacting their ability to turn in a submission within the stated deadline. The County reserves the right to make the final judgement call to extend any deadline.

4.45 PREVAILING WAGE RATES

To the extent this procurement is for the construction of a public work, including a building, highway, road, excavation, and repair work or other project development or improvement, paid for in whole or in part from public funds, without regard to whether the work is done under public supervision or direction, Texas Government Code, Chapter 2258, shall apply and the contractor shall pay not less than the wage scale of the various classes of labor as shown on the "Prevailing Wage Schedule" provided by the County. Pursuant to Texas Government Code, Section 2258.022(a)(2), the County has determined the general prevailing rate of the "Prevailing Wage Schedule" in the locality in which the public work is to be performed for each craft or type of worker needed to execute the contract and the prevailing rate for legal holiday and overtime work by using the prevailing wage rate as determined by the United States Department of Labor in accordance with the United States Code, Section 276a (Davis-Bacon Act).

The specified wage rates are minimum rates only, and are not representations that qualified labor adequate to perform the work is available locally at the prevailing wage rates. The County is not bound to pay—and will not consider—any claims for additional compensation made by any contractor because the contractor pays wages in excess of the applicable minimum rate contained in the Contract Documents. The "Prevailing Wage Schedule" is not a representation that quantities of qualified labor adequate to perform the work may be found locally at the specified wage rates.

For classifications not shown, workers shall not be paid less than the wage indicated for laborers. The contractor shall notify each worker commencing work on the project the worker's job classification and the established minimum wage rate required to be paid, as well as the actual amount being paid. The notice must be delivered to and signed in acknowledgement of receipt by the employee and must list both the monetary wages and fringe benefits to be paid or furnished for each classification in which the worker is assigned duties. When requested by the County, competent evidence of compliance with the Texas Prevailing Wage Law shall be furnished by contractor. A copy of each worker wage rate notification shall be submitted to the County with the Application for Payment for the period during which the worker began on-site activities.

Should the contractor at any time become aware that a particular skill or trade not reflected on the County's "Prevailing Wage Schedule" will be or is being employed in the work, whether by the contractor or by a subcontractor, the contractor shall promptly inform the County and shall specify a wage rate for that skill or trade, which shall bind the contractor.

The contractor and any subcontractor shall pay to the County a penalty of sixty dollars ($60.00) for each worker employed for each calendar day, or portion thereof, that the worker is paid less than the wage rates stipulated in the "Prevailing Wage Schedule" or any supplement thereto. The contractor and each subcontractor shall keep, or cause to be kept, an accurate record showing the names and occupations of all workers employed in connection with the work, and showing the actual per diem wages paid to each worker, which records shall be open at all reasonable hours for the inspection by the County.

Within thirty-one (31) days of receipt of information concerning a violation of the Texas Government Code Chapter 2258, the County shall make an initial determination as to whether good cause exists to believe a violation occurred. The County's decision on the initial determination shall be reduced to writing and sent to the contractor or subcontractor against whom the violation was alleged, and to the affected worker. When a good cause finding is made, the County shall retain the full amounts claimed by the claimant or claimants as the difference between wages paid and wages due under the "Prevailing Wage Schedule" and any supplements thereto, together with the applicable penalties, such amounts being subtracted from successive progress payments pending a final decision on the violation.

After the County makes its initial determination, the affected contractor or subcontractor and worker have fourteen (14) calendar days in which to resolve the issue of whether a violation occurred, including the amount that should be retained by the County or paid to the affected worker. If the contractor or subcontractor and affected worker reach an agreement concerning the worker's claim, the contractor shall promptly notify the County in a written document signed by the worker. It the contractor or Subcontractor and affected worker do not agree before the fifteenth (15th) calendar day after the County determination, the contractor or subcontractor and affected worker must participate in binding arbitration in accordance with the Texas General Arbitration Act, Chapter 171, (Texas Civil Practice and Remedies Code). The parties to the arbitration have ten (10) calendar days after the expiration of the fifteen (15) calendar days referred to above, to agree on an arbitrator; if by the eleventh (11th) calendar day there is no agreement to an arbitrator, a district court shall appoint an arbitrator on the petition of any of the parties to the arbitration.

If an arbitrator determines that a violation has occurred, the arbitrator shall assess and award against the contractor or subcontractor the amount of penalty as provided above and the amount owed the worker. The County may use any amounts retained hereunder to pay the worker the amount as designated in the arbitration award. If the County has not retained enough from the contractor or subcontractor to pay the worker in accordance with the arbitration award, the worker has a right of action against the contractor and subcontractor as appropriate, and the surety of either to receive the amount owed, attorneys' fees and court costs. The contractor shall promptly furnish a copy of the arbitration award to the County.

Money retained pursuant to the provisions above shall be used to pay the claimant or claimants the difference between the amount the worker received in wages for labor on the project at the rate paid by the contractor or subcontractor and the amount the worker would have received at the general prevailing wage rate as provided by the agreement of the claimant and the contractor or subcontractor affected, or in the arbitrator's award. The full statutory penalty of sixty dollars ($60.00) per calendar day of violation per worker shall be retained by Williamson County to offset its administrative costs, pursuant to Texas Government Code, Section, 2258.023. Any retained funds in excess of these amounts shall be paid to the contractor on the earlier of the next progress payment or final payment. Provided, however, that the County shall have no duty to release any funds to either the claimant or the contractor until it has received the notices of agreement or the arbitration award as provided under the provision herein-above.

4.46 CONFIDENTIALITY

The Bidder expressly agrees that it will not use any direct or incidental confidential information that may be obtained while working in a governmental setting for its own benefit, and agrees that it will not access unauthorized areas or confidential information and it will not disclose any information to unauthorized third parties, and will take care to guard the security of the information at all times.

Additional Stipulations

1 Additional Stipulations

1.1 Contract Administrator

J. Terron Evertson, P.E. (or successor), County Engineer, Williamson County 3151 South East Inner Loop, Suite B, Georgetown, Texas shall serve as the County's Technical Contact with designated responsibility to ensure compliance with the requirements of the Contract and any Ensuing Agreement, such as, but not limited to, acceptance, inspection and delivery. The Technical Contact together with the Purchasing Department will serve as a liaison between the Williamson County Commissioners Court and the Successful Bidder.

1.2 Time for Performance

A time frame of sixty (60) days (thirty (30) working days for Phase 1 and thirty (30) working days for Phase 2) is given for completion of plans on this bid. This may begin at the time specified by the County within the three hundred sixty-five (365) days of the pricing quoted on this bid, starting on the day of award. The Contractor will be given written notice to begin work on this project. The Work on this project shall begin within five (5) calendar days after such notification.

Liquidated damages for failure to substantially complete the work within the allotted time will be applied. Liquidated damages are $200 per working day.

The Contractor will be given written notice to begin work on this project. Work on this project shall begin within five (5) working days after such notification. Failure to begin work within the allotted time will result in liquidated damages being incurred at the rate of $200.00 per working day.

1.3 Performance and Payment Bonds

To the extent, this IFB is for the procurement of a public work contract, and the following shall apply:

Texas Local Government Code, Chapter 262.032, governs the requirements for performance bonds for government entities making public work contracts. A performance bond is required if the contract is in excess of $50,000 and is to be made for the full amount of the contract.

Texas Government Code, Chapter 2253.021, governs the requirements for payment bonds for government entities making public work contracts. A payment bond is required if the contract is in excess of $25,000 and is to be made for the full amount of the contract.

The bonds are to be executed and delivered to the County **prior to issuing Notice to Proceed**. The bonds must be executed by a corporate surety or sureties in accordance with the Texas Insurance Code. For unit price contracts, the total contract price shall be estimated and calculated by multiplying the estimated quantities to the Bidder's unit bid price.

If the public works contract is less than $50,000, the performance bond will not be required as long as the contract provides that payment is not due until the work is completed and accepted by the County.

1.4 Bidder's Bonds

All Bids requiring a Bid Bond shall be accompanied by a certified cashier's check upon a National or State bank in an amount not less than five (5) percent of the total maximum bid price, payable without recourse to the County, or a bid bond in the same amount from a reliable surety company, as a guarantee that the Bidder will enter into a contract and **execute and deliver to the County performance and payment bonds prior to being recommended for award of the Contract**. **Bid guarantees must be submitted in the same sealed envelope with the Bid**. Bids submitted without check or bid bonds will not be considered. For unit price contracts, the total maximum bid price shall be estimated and calculated by multiplying the estimated quantities to the unit bid price.

1.5 Warranty Bonds

When a Warranty Bond is required it shall be submitted by the Successful Bidder prior to issuing Notice to Proceed, and shall be in the amount of **twenty (20) percent of the total project construction cost.** This Warranty Bond shall be security for the true and faithful performance of all warranties for one (1) year from the date of final payment. For unit price contracts, the total project construction cost shall be estimated and calculated by multiplying the estimated quantities to the bidder's unit bid price.

1.6 Insurance Requirements

By signing its Bid, the Bidder agrees to maintain at all times during any term of the Contract and any ensuing Agreement at Bidder's cost, insurance in accordance with this provision. Bidder will be required to submit Certificates of Insurance **prior to contract award and any renewals.**

All certificates of insurance coverage as specified below must be provided to the following Location and should include the bid/project number and bid/project description:

Williamson County Purchasing Department
901 S Austin Ave
Georgetown, Texas 78626

Failure to comply with these Insurance Requirements may result in the termination of the Contract and any ensuing Agreement(s) between the Successful Bidder and County.

Successful Bidder must comply with the following insurance requirements at all times during this Contract:

A. Coverage Limits. Except as specified otherwise in the Contract and any ensuing Agreement(s), Successful Bidder, at Successful Bidder's sole cost, shall purchase and maintain during the entire term while the Contract and any ensuing Agreement(s)is in effect the following insurance:

1. Worker's Compensation in accordance with statutory requirements.
2. Commercial General Liability Insurance with a combined minimum Bodily Injury and Property Damage limits of $1,000,000.00 per occurrence and $2,000,000.00 in the aggregate.
3. Automobile Liability Insurance for all owned, non-owned, and hired vehicles with combined minimum limits for Bodily Injury and Property Damage limits of $500,000.00 per occurrence and $1,000,000.00 in the aggregate.
4. Professional Liability Errors and Omissions Insurance in the amount of $2,000,000.00 per claim.

B. Additional Insureds; Waiver of Subrogation. County, its directors, officers and employees shall be added as additional insureds under policies listed under (2) and (3) above, and on those policies where County, its directors, officers and employees are additional insureds, such insurance shall be primary and any insurance maintained by County shall be excess and not contribute with it. Such policies shall also include waivers of subrogation in favor of County.

C. Premiums and Deductible. Successful Bidder shall be responsible for payment of premiums for all of the insurance coverages required under this section. Successful Bidder further agrees that for each claim, suit or action made against insurance provided hereunder, with respect to all matters for which the Successful Bidder is responsible, Successful Bidder shall be solely responsible for all deductibles and self-insured retentions. Except as specified otherwise in the Contract and any ensuing Agreement(s), any deductibles or self-insured retentions **over $50,000** in the Successful Bidder's insurance must be declared and approved in writing by County in advance.

D. Commencement of Work. Successful Bidder shall not commence any field work under this Contract until he/she/it has obtained all required insurance and such insurance has been approved by County. As further set out below, Successful Bidder shall not allow any subcontractor/subconsultant(s) to commence work to be performed in connection with this Contract until all required insurance has been obtained and approved and such approval

shall not be unreasonably withheld. Approval of the insurance by County shall not relieve or decrease the liability of Successful Bidder hereunder.

E. Insurance Company Rating. The required insurance must be written by a company approved to do business in the State or Texas with a financial standing of at least an A- rating, as reflected in Best's insurance ratings or by a similar rating system recognized within the insurance industry at the time the policy is issued.

F. Certification of Coverage. Successful Bidder shall furnish County with a certification of coverage issued by the insurer. Successful Bidder shall not cause any insurance to be canceled nor permit any insurance to lapse. **In addition to any other notification requires set forth hereunder, Successful Bidder shall also notify County, within twenty-four (24) hours of receipt, of any notices of expiration, cancellation, non-renewal, or material change in coverage it receives from its insurer.**

G. No Arbitration. It is the intention of the County and agreed to and hereby acknowledged by the Successful Bidder, that no provision of this Contract shall be construed to require the County to submit to mandatory arbitration in the settlement of any claim, cause of action or dispute, except as specifically required in direct connection with an insurance claim or threat of claim under an insurance policy required hereunder or as may be required by law or a court of law with jurisdiction over the provisions of this Contract.

H. Subcontractor/Subconsultant's Insurance. Without limiting any of the other obligations or liabilities of Successful Bidder, Successful Bidder shall require each subcontractor/subconsultant performing work under the Contractor and any ensuing Agreement(s) (to the extent a subcontractor/subconsultant is allowed by County) to maintain during the term of the Contract and any ensuing Agreement(s), at the subcontractor/subconsultant's own expense, the same stipulated minimum insurance required in this section above, including the required provisions and additional policy conditions as shown below in this section.

Successful Bidder shall obtain and monitor the certificates of insurance from each subcontractor/subconsultant in order to assure compliance with the insurance requirements. Successful Bidder must retain the certificates of insurance for the duration of the Contract and any ensuing Agreement(s), and shall have the responsibility of enforcing these insurance requirements among its subcontractor/subconsultants. County shall be entitled, upon request and without expense, to receive copies of these certificates of insurance.

I. Insurance Policy Endorsements. Each insurance policy shall include the following conditions by endorsement to the policy:

1. County shall be notified thirty (30) days prior to the expiration, cancellation, non-renewal or any material change in coverage, and such notice thereof shall be given to County by certified mail to:

   Williamson County Purchasing Department
   901 S Austin Ave
   Georgetown, Texas 78626

2. The policy clause “Other Insurance” shall not apply to any insurance coverage currently held by County, to any such future coverage, or to County’s Self-Insured Retentions of whatever nature.

J. Cost of Insurance. The cost of all insurance required herein to be secured and maintained by Successful Bidder shall be borne solely by Successful Bidder, with certificates of insurance evidencing such minimum coverage in force to be filed with County.

GENERAL NOTES AND TECHNICAL SPECIFICATIONS

Definition of Terms

Asphalt Season: April 1 through September 30.

County: Williamson County acting through the Road and Bridge Division.

Contractor: Successful bidder of the IFB.

Engineer: Williamson County Engineer, or designee.

Inspector: Engineer, or designee, supplied full time or part time to the contractor's crew for the oversight of the work.

Specifications: Texas Department of Transportation Standard Specifications for Construction and Maintenance of Highways, Streets, and Bridges 2014.

TxDOT: Texas Department of Transportation

Working Day: Monday through Friday (excluding County approved holidays), if weather permits the performance of the contract (as determined by the Inspector) for a continuous period of at least 8 hrs. (excluding lunch) between 7:00 A.M. and 6:00 P.M. Time begins with crews on site with equipment and ready for operation.

Phases 1 and 2

This project includes two (2) phases. The Successful Bidder will be contracted to complete work on both Phases 1 and 2 within stated allotted time.

Phase 1 (overlay from Station 150+00 to Project End and repair from SH 195 to Project End) is projected to be completed by September 30th, 2018, within the County fiscal year 2018 (October 1st, 2017 to September 30th, 2018).

Depending on the budget, the County shall determine if Phase 2 (overlay from SH 195 to Station 150+00) will occur within fiscal year 2018 or if it will be delayed until the next fiscal year, 2019 (October 1st, 2018 to September 30th, 2019).

If Phase 2 does not commence within the fiscal year 2019, Phase 2 will be terminated from this contract and will open for re-bid at a later date.

General Notes

Unless set forth otherwise, all Work performed shall comply with requirements which pertain to the various items of Work included as *Standard Specification for Construction of Highways, Streets and Bridges* of the Texas Department of Transportation, adopted

November 1, 2014, which is incorporated herein by reference for all purposes. In the event that any specification set out herein conflicts with the said TxDOT specifications, the specification set out herein shall control and govern.

The Contractor will be given written Notice to Proceed on this project per phase. The overlay project shall begin within five (5) working days after such notification and shall continue for thirty (30) working days for Phase 1 and thirty (30) working days for Phase 2, for a total of sixty (60) days for both Phase 1 and 2 combined.

Contractor shall not begin work prior to the beginning of the asphalt season (April 1), nor after the ending of the asphalt season (September 30), except with the approval of the Engineer.

Contractor specifically acknowledges that Williamson County will sustain damages for each working day beyond the date in which overlay work is to begin. Once the written Notice to Proceed is given by Williamson County, the Contractor has five (5) working days to begin the work. Contractor agrees that two-hundred and No/100 Dollars ($200.00) per working day shall be retained by Williamson County from any amounts due Contractor for every day that Contractor does not begin the overlay work.

Contractor specifically acknowledges that Williamson County will sustain damages for each working day beyond the required dates of completion of the overlay work. Because of the impracticality and extreme difficulty of fixing and ascertaining Williamson County's actual damages, Contractor agrees that two-hundred and No/100 Dollars ($200.00) per working day shall be retained by Williamson County from any amounts due Contractor for every day that Contractor does not complete the overlay work.

Periods of time (i) during which Williamson County suspends the work by written notice to Contractor, or (ii) during which contractor has performed work and is waiting for Williamson County's acceptance, or (iii) during which a delay directly related to delays caused by "Acts of God", non-county governmental processes, national emergency, or any other causes beyond Contractor's or Williamson County's reasonable control, shall not be taken into account in computing the amount retained. In the event that work received by Williamson County is found to be incomplete, the period of time from the end of the performance of the work to the receipt of subsequent performance necessary to produce completed work will be taken into account in computing the number of days and the amount retained.

Contractor shall submit a basic work plan, bar chart, or schedule for the Engineer to review one week prior to commencement of work.

Once work begins, Contractor shall continuously execute the work until completion n, unless otherwise directed by Engineer.

Nighttime, weekend and holiday work is allowed with prior approval by Engineer.

The Contractor shall perform work during appropriate weather conditions, unless otherwise directed by the Engineer. If work is performed at the Contractor's option during, or prior to, inclement weather conditions and the work is damaged, the Contractor is responsible for all costs associated with replacing the work.

Contractor shall determine the exact location of all existing utilities before commencing work, and is fully responsible for any and all damages associated by Contractor's failure to locate and preserve utilities.

Do not park equipment or make stockpiles where driver sight distance to businesses and side street intersections is obstructed, especially after work hours. If it is necessary to park where drivers' views are blocked, Contractor shall make every effort to flag traffic accordingly. Give the travelling public first priority.

An English-speaking Superintendent shall be available on the project at all times when work is being performed. The Contractor shall provide the Inspector with contact information for the Superintendent.

The contractor shall place two (2) "electronic" Portable Changeable Message Signs (PCMS) at locations requiring lane closures for one-week prior to the closures, or as directed. Obtain approval from Engineer for the actual message that will appear on the boards. If more than two phases of a message are required per board, then provide additional PCMS's to meet the two-phases-per-board requirement.

The Contractor will be required to maintain a minimum of one through lane with flaggers/pilot vehicle during milling or paving operations, except with written approval by the Inspector.

If multiple days are required to complete work, Contractor shall not leave work in hazardous conditions, as determined by Engineer.

Contractor shall maintain positive drainage for permanent and temporary site conditions for duration of project.

Contractor shall mark and maintain 100-foot Stations for the duration of the project, as directed. This work shall be considered subsidiary to the various bid Items.

Areas of the edge/end transition that are milled shall be under sealed and overlaid the same day and completely finished before opening to traffic.

Provide a smooth, clean sawcut along the existing asphalt pavement structure, as directed. Consider subsidiary to the pertinent Items.

Full depth repair and level-up areas shall be determined in the field by the Engineer with a minimum width of 6' and a minimum length of 40'.

All excavated full depth repair areas shall be restored with Type B HMAC and must be completely finished before opening to traffic.

All level-up areas shall be milled prior to restoring with Type D HMAC as per detail shown in the plans.

Contractor shall be responsible for hauling and disposing of all planing ACP materials off the project site. Consider subsidiary to the pertinent Items.

The Contractor shall configure the longitudinal joints of the surface course placement to be away from the wheel paths, preferably to coincide with lane lines.

The actual quantity required may vary from the estimated quantities in the contract. The Contractor shall be compensated for completed work based on actual quantities per bid item.

All accepted "Plane Asphalt Concrete Pavement" will be measured by the square yard of specified milling areas. Thickness of milling for overlay transverse/longitudinal tapers/level-up areas shall be 0" to 2", and for specified full depth repair areas shall be 10".

All accepted sealing will be measured by the gallon of asphalt (oil) and by cubic yard of aggregate. Thickness of sealing shall be no greater than ¼".

All accepted "Dense-Graded Hot-Mix Asphalt" (Type D and Type B) will be measured by the ton of composite hot mix, which includes asphalt, aggregate, and additives. Thickness of overlay application shall be 2", and for specified full depth repair areas shall be 10".

County will pay to the Contractor, for the satisfactory performance of the work, a specified unit price per square yard of milling, per gallon of asphalt (oil), per cubic yard of aggregate, per ton of hot mix, and per linear-foot of striping. This price shall be full compensation for furnishing all labor, equipment, time, materials and incidentals necessary to complete the Work. Surface preparation and cleaning shall be considered a part of the work and will not be measured or paid in addition to the above stated unit price.

Testing may be performed at the request of the County any time during the length of the contract through an independent testing laboratory. Testing may be requested by the County on any and/or all items on this contract. If the results determine the item did not meet specifications, then the cost of the testing will be borne by the Contractor. If the results of the test determine that the item did meet specifications, the cost of the testing will be borne by the County.

Final cleanup will include the removal of excess material considered detrimental to vegetation growth within the working area. Materials such as excess asphalt and other materials, as specified by the Engineer, will be removed at the Contractor's expense.

All construction equipment involved in roadway work shall be equipped with a permanently mounted 360 degree revolving or strobe warning light with amber lens. This light shall have a minimum lens height of 5 inches and a diameter of 5 inches.

This light shall have a mounting height of not less than 6 feet above the roadway surface and shall be visible from all sides. This equipment shall also have attached at each side of the rear end of the vehicle an approved orange warning flag mounted not less than 6 feet above the roadway surface.

Care shall be exercised to prevent damage to all property in and around the construction zone. The Contractor shall be liable for the repair and restoration of any property damaged as a result of the contractor's prosecution of the work.

This shall include, but is not limited to, re-vegetation of all areas damaged or destroyed by construction. Contractor will be held liable and responsible for such areas until growth is reestablished to the satisfaction of the County.

Ornamental landscape plantings of trees, shrubs and grasses that are damaged or destroyed during construction shall be replaced with plant material of comparable size and quality approved by the County.

The Contractor may be required to trim or prune and remove brush and trees in order to construct the project or to provide a vertical clearance of at least 14 feet. For this operation, the method shall be approved by the Inspector.

Contractor's equipment and vehicles shall not be maintained on-site during construction, except at designated sites as approved by the Inspector.

ITEM 160 – TOPSOIL

Obtain approval of all topsoil sources before digging begins. Ensure off-site topsoil has a minimum PI of 25, liquid limit of 75, and plastic limit of 35 or as directed. The County reserves the right to take samples, as needed, to assure that the material meets the PI, levels of nitrogen, phosphorus and potassium content, and other requirements as indicated in the Specifications (Fertility, Organics, Erodability, etc.).

No Sandy Loam allowed, unless the project dictates otherwise.

Construct topsoil stockpiles of no more than five (5) feet in height.

Track ALL topsoiled slopes left idle for more than 14 days, within or at the end of the 14-day idle period, to prevent erosion. Tracking consists of operating a tracked vehicle or

equipment up and down the slope, leaving track marks perpendicular to the direction of the slope. Retrack slopes after rain event, as directed. Consider the tracking of slopes to prevent erosion as subsidiary to the pertinent Items.

Upon final grading, immediately track all topsoiled slopes to prevent erosion as directed. Consider subsidiary to the pertinent Items.

Place topsoil four (4) inches thick by three (3) feet wide along roadside edges of the new/existing surface courses shown on the Typical Section in the plans.

Contractor is fully responsible for maintenance/repair of placed topsoil, including damage caused by the travelling public, until topsoil is compacted and vegetation is fully established.

ITEM 164 – SEEDING FOR EROSION CONTROL

Drill seeding to be distributed uniformly over the area shown on the Typical Section in the plans.

After 60 days, areas with little or no growth shall be re-seeded at Contractor's expense.

ITEM 166 – FERTILIZER

Fertilizer shall be applied before seeding.

The fertilizer required by the County maybe adjusted to help establish vegetation, verify County approval prior to purchasing fertilizer.

Fertilizer shall be delivered in bags unless otherwise specified or approved prior to delivery. Bags shall be clearly labeled showing contents. When non-bagged, loose fertilizer is approved, documentation will be required for each load of material delivered verifying authenticity of material.

Fertilizer shall be granular and essentially dust free.

ITEM 168 – VEGETATIVE WATERING

The Contractor shall obtain water at a source that is metered or shall furnish the manufacturer's specifications showing tank capacity for each truck used.

The Contractor shall notify the Inspector prior to watering that the Inspector may verify meter readings or truck counts.

Water all areas of the project to be top soiled and seeded. Maintain the seed bed in a condition favorable for the growth of grass.

Watering can be postponed immediately after a rainfall on the site of ½ inch or grater, but shall be resumed before the soil dries out, continue watering until final acceptance.

Watering rates shall be 12,000 gallons/acre per working day for 15 consecutive working days (the acreage is calculated based on a width of 10' and the length of each roadway edge).

Rate and frequency may be adjusted with the approval of the Engineer, to meet site conditions.

ITEM 300 – ASPHALTS, OILS, AND EMULSIONS

Asphalt season starts April 1 and ends September 30.

No engine oil shall be used as a component of any asphalt or emulsion.

Non-Tracking Tack Coat Emulsion shall be applied on milled edge/end transition/level-up areas prior to HMAC placement and considered subsidiary to the pertinent Items.

ITEM 302 – AGGREGATES FOR SURFACE TREATMENTS

Previously tested aggregates delivered to the project which are found to contain excessive quantities of dust (more than 0.5 percent passing the no. 40 sieve) during pre-coating, stockpiling or hauling operations, will be rejected, unless otherwise directed. Use test method Tex-200-F, Part I, for testing.

ITEM 316, 341

Perform work during appropriate weather conditions, unless otherwise directed. If work is performed at the Contractor's option, during, or prior to, inclement weather conditions, and the work is damaged, the Contractor is responsible for all costs associated with replacing the work.

ITEM 316 – SURFACE TREATMENTS

Do not apply asphalt within 1½ hours of sunset, or later, unless otherwise directed.

Ensure the accuracy of the Distance Measuring Instrument (DMI) with the Engineer, prior to marking the Asphalt and Rock Land shots.

Surface all transitions, tapers, climbing lanes and intersections to the limits as directed.

Remove and dispose of, off the right of way, any existing traffic buttons before beginning surfacing operations. Remove dirt, dust or other harmful material prior to under seal application. If necessary, blade pavement edges as directed by the Engineer. Consider subsidiary to the pertinent Items.

ITEM 341 - DENSE-GRADED HOT-MIX ASPHALT

Provide mixture Type D, using PG binder 70-22 for the surface course and PG binder 64-22 for level-up. Unless otherwise approved, provide Type D mixtures that have no less than 5% asphalt binder.

Provide mixture Type B, using PG binder 64-22 for full depth repair. Unless otherwise approved, provide Type B mixtures that have no less than 4.5% asphalt binder.

Recycled Asphalt Shingles (RAS) are not permitted. Recycled Asphalt Pavement (RAP) is not permitted in the surface course and level-up, 20% of RAP is permitted to be used in the mix design for Type B.

Target laboratory molded density is 96.5% for all mixtures without RAP and when using a Texas Gyratory Compactor (TGC) for designing the mixture.

When using Superpave Gyratory Compactor (SGC) to design mixtures, submit the SGC mix design to the Engineer for approval.

Minimum VMA during production shall be equal to or greater than Design VMA as shown in Table 8 for all mixture types.

All mixtures must meet the Hamburg requirement as stated in the table below.

High-Temperature Binder Grade	Test Method	Hamburg Wheel Test Requirements [1]
		Minimum # of Passes @ 0.5" Rut Depth, Tested @122°F
PG 64 or lower	Tex-242-F	7,000
PG 70	Tex-242-F	15,000
PG 76 or higher	Tex-242-F	20,000

1. The Engineer may accept Hamburg Wheel test results for production and placement if no more than 1of the 5 most recent tests is below the specified number of passes and the failing test is no more than 2,000 passes below the specified number of passes.

The County may at any time request that paving operation be stopped, if there is observance of pavement irregularities which could adversely affect the pavement quality.

HMAC shall be placed in layers/lifts as identified in the plans. Lifts shall be compacted thoroughly and uniformly to obtain the compaction and cross section identified in the plans.

Under no circumstances shall the HMA material be dumped on or near the job site and then reloaded for hauling to the site for placement.

All HMA construction joints shall be staggered for each proceeding lift.

When paver width is over 14', extend auger and front transfer plate to be less than 30" of screed end and screed extensions must utilize temperature regulating heaters with thermostat similar to the main screed.

Grade references will be utilized on both side of the paver for thru lanes and shoulders.

HMA produced for this project must not be placed in silos prior to discharging into haul trucks, unless the trial batch is run in similar conditions to production conditions. Unless ambient temperature is above 90 degrees F, any HMA mix stored in haul trucks for longer than 2 hours shall be rejected.

When trucking of HMA is intermittent, Contractor shall not install a transverse joint to avoid the additional segregation profile requirement Item 341.4.9.3.3.2 when the paver stops for longer than 60 secs. The County may enforce segregation profile across the extra transverse joint, as directed by the County Inspector.

Submit any proposed adjustments or changes to a job mix formula to the Engineer before production of the new job mix formula.

The Contractor shall provide saw cutting where necessary. This shall not be paid for directly, but shall be considered subsidiary to Bid Item Dense-Graded Hot Mix Asphalt.

1. The Contractor shall utilize a material transfer device per Item 320, a grade reference (such as a ski) for the overlay operations. Consider subsidiary to the pertinent Items.
2. Incorporate a maintain a 3H:1V safety wedge for any roadway edge of 2 inches or greater against adjacent travel lanes. Consider subsidiary to the pertinent Items.
3. Taper transverse faces at ends of passes as directed.
4. Make transverse tapers on each end of each pass using a minimum slope rate of 60H:1V. Tapers shall be removed directly before placement of the final HMA. Consider subsidiary to the pertinent Items.
5. Use a 10 ft. straightedge, where allowed, on all surface and intermediate pavement layers, as directed by the Inspector.

Acceptance Plan is not applicable to this project; no bonus and/or penalty are allowed. Acceptance of work will follow the specification as outlined with the clarification below.

Provide performance grade (PG) binders that do not contain Recycled Engine Oil Bottoms (REOBs) or Poly Phosphoric Acid (PPA).

For Mixture Design Verification, provide the Engineer with two 5-gallon buckets of each aggregate stockpile to be used on the project and three gallons of each PG binder to be used on the project. Also provide sufficient quantities of any other additives that will be used in the HMA mixture.

Prior to allowing production of the trial batch, the Engineer will use the materials provided by the Contractor to perform the following tests to verify the HMA mixture design.

1. Indirect Tensile Test in accordance with Tex-226-F
2. Hamburg Wheel Test in accordance with Tex-242-F
3. Overlay Test in accordance with Tex-248-F
4. Cantabro Test in accordance with Tex-245-F

For mixtures designed with a Texas Gyratory Compactor (TGC), the Engineer may require that the target laboratory molded density be raised to no more than 97.5% or may lower the design number of gyrations to no less than 35 for mixtures designed with an SGC if any of the following conditions exist.

1. The Indirect Tensile Test results in a value greater than 200 PSI
2. The Hamburg Wheel Test results in a value less than 3.0 mm
3. The Overlay Test results in a value less than 100 cycles
4. The Cantabro Test results in a value of more than 20% loss

In lieu of or in addition to evaluating the mixture design prior to allowing a trial batch to be produced, the Engineer may also evaluate the mixture produced during the trial batch for compliance with the 4 tests listed above.

ITEM 354 - PLANING AND TEXTURING PAVEMENT

No milling operation can begin until passing test results of trial batch are received.

Edge milling shall be done with a large miller with grade control.

A single cut will be permitted if at most a 1¼-inch vertical offset is created against adjacent lanes when opened to traffic at the end of a work period.

A transverse transition taper (butt joint) will be sawcut, milled to a transition length of 50 feet to 1 inch in depth for main roads and 25 feet to 1 inch in depth for side roads, unless otherwise shown on the plans.

A longitudinal transition taper will be milled along all existing MBGF mow strips and driveways shown on the plans.

Remove the loose material from the roadway before opening to traffic.

ITEM 502 - BARRICADES, SIGNS, AND TRAFFIC HANDLING

The contractor shall provide two (2) "electronic" Portable Changeable Message Signs at locations requiring lane closures for one-week prior to the closures, or as directed. This shall not be paid for directly, but shall be considered subsidiary to this bid Item.

Contractor shall provide all traffic control measures to prosecute the work and to ensure a minimum inconvenience to traffic around the construction area. Should the contractor's traffic control measures be found unsatisfactory by the Engineer or Inspector, overlay operations will cease.

The Traffic Control Plan (TCP) for this project shall be as detailed on TxDOT standard plan sheet TCP (2-1)-18 thru TCP (2-4)-18, TCP (3-1)-13, TCP (3-3)-14, TCP (3-4)-13, TCP (7-1)-13 and the Texas Manual on Uniform Traffic Control Devices, and the Work Zone Traffic Control Device List (WZTCDL).

Utilize barrels or plastic drums for all merging tapers.

Take immediate action to modify Closures / Traffic Control, if at any time backup (roadway queuing) becomes unreasonable (greater than 10 minutes). Have in place a contingency plan of how this will occur.

Do not set up any Lane Closure / TCP when the pavement is wet prior to the "setup," unless otherwise directed. Revise Traffic Control, when inclement weather is imminent, as directed.

Incorporate and maintain a 3H to 1V safety wedge into the proposed construction for any roadway edge of two (2) inches or greater adjacent to a roadway under traffic.

Within the limits of the project, provide standard barricades, warning signs, delineators, lights, 28-inch cones, and flaggers in sufficient numbers and combinations, as directed.

Use a minimum of two (2) flaggers, two (2) advance warning flashing arrow panels (TY C), two (2) of each signs CW20-5R or CW20-5L with appropriate distance plaques and CW9-2R or CW9-2L and 28-in. cones at each location in which milling or paving operations are in progress. Flaggers must comply with all requirements outlined in TxDOT Specification Item 502.2B. This shall not be paid for directly, but shall be considered subsidiary to bid Item Dense-Graded Hot Mix Asphalt.

The Contractor shall provide rumble strips at locations requiring flaggers, or as directed. This shall not be paid for directly, but shall be considered subsidiary to this bid Item.

Maintain access to all streets and driveways at all times, unless otherwise approved. Consider subsidiary to the pertinent Items.

Maintain enough workers to revise traffic control as directed.

Cover or remove any existing sign(s), which conflict with temporary traffic control operations. Install all permanent signs, delineation, and object markers necessary for the operation of any roadway before opening that section of roadway to traffic, regardless of the phase during which the roadway construction occurs. Erect the signs on temporary mounts until the permanent mounts are installed. Consider any costs associated with the temporary mounts subsidiary. Repair or replace any signs which are damaged by the Contractor's operations during construction or which are deemed not sufficient. The Engineer will be the sole judge of the adequacy of the sign(s). Consider this work subsidiary to the pertinent Items.

Maintain Sandbags that are used for ballast, as directed. Consider subsidiary to the pertinent Items.

Contractor shall schedule work so that all lanes are open to traffic at night (after 6:00 P.M.), unless otherwise approved.

ITEM 666 – REFLECTORIZED PAVEMENT MARKINGS

Type II Reflectorized Pavement Markings to be applied prior to Type I. Type I Reflectorized Pavement Markings to be applied no sooner than 14 days after applying Type II, unless otherwise directed.

GOVERNING SPECIFICATIONS (STANDARD SPECIFICATIONS, SPECIAL PROVISIONS, AND SPECIAL SPECIFICATIONS)

WHERE DISCREPENCIES OCCUR BETWEEN THE VARIOUS GOVERNING SPECIFICATIONS, THE SPECIAL PROVISIONS SHALL GOVERN OVER BOTH STANDARD SPECIFICATIONS AND SPECIAL SPECIFICATIONS.

ALL SPECIFICATIONS AND SPECIAL PROVISIONS APPLICABLE TO THIS PROJECT ARE IDENTIFIED AS FOLLOWS:

STANDARD SPECIFICATIONS: ADOPTED BY THE TEXAS DEPARTMENT OF TRANSPORTATION NOVEMBER 1, 2014. STANDARD SPECIFICATIONS ARE INCORPORATED INTO THE CONTRACT BY REFERENCE.

ITEMS 1 – 9 ARE SUPERSEDED BY THE CONTRACT GENERAL AND SPECIAL CONDITIONS, WHERE APPLICABLE. WHEREVER, IN THE TXDOT STANDARD SPECIFICATIONS, REFERENCE IS MADE TO THE STATE OF TEXAS, THE DEPARTMENT AND ITS REPRESENTATIVES, SUCH REFERENCE SHALL BE TAKEN TO MEAN WILLIAMSON COUNTY AND ITS REPRESENTATIVES.

ITEM 160 TOPSOIL
ITEM 164 SEEDING FOR EROSION CONTROL
ITEM 166 FERTILIZER
ITEM 168 VEGETATIVE WATERING
ITEM 300 ASPHALTS, OILS, AND EMULSIONS
ITEM 302 AGGREGATES FOR SURFACE TREATMENTS (300)(301)
ITEM 316 SURFACE TREATMENTS (210)(300)(302)
ITEM 341 DENSE-GRADED HOT-MIX ASPHALT (300)(301)(320) (520)(585)
ITEM 354 PLANING AND TEXTURING PAVEMENT
ITEM 500 MOBILIZATION
ITEM 502 BARRICADES, SIGNS, AND TRAFFIC HANDLING
ITEM 666 REFLECTORIZED PAVEMENT MARKINGS
ITEM 672 RAISED PAVEMENT MARKERS

SPECIAL PROVISIONS: THE CONTENT OF THE SPECIAL PROVISIONS ARE INCLUDED ON THE FOLLOWING PAGES.

SPECIAL PROVISION TO ITEM 300 (300-001)
SPECIAL PROVISION TO ITEM 300 (300-005)
SPECIAL PROVISION TO ITEM 300 (300-007)

Special Provision to Item 300
Asphalts, Oils, and Emulsions

Item **Error! Reference source not found.**, "**Error! No text of specified style in document.**," of the Standard Specifications, is amended with respect to the clauses cited below. No other clauses or requirements of this Item are waived or changed.

Section 300.2.4., "Emulsified Asphalt," is supplemented by the following:

Table 7A
Surface Performance-Grade Emulsified Asphalt

Grade	Test Procedure	HFRS-2(SPG xy[1])		CRS-2(SPG xy)		CHFRS-2(SPG xy)	
		Min	Max	Min	Max	Min	Max
Tests on emulsions:							
Viscosity, Saybolt Furol at 50°C, SFs[2]	T 72	150	400	150	400	150	400
Storage stability test, 24 h., %[2]	T 59		1		1		1
Demulsibility, 35 mL, 0.02 N $CaCl_2$, %	T 59	60					
Demulsibility, 35 mL, 0.8% dioctyl sodium sulfosuccinate, %	T 59			60		60	
Particle charge test	T 59			positive		positive	
Sieve test, %[2]	T 59		0.10		0.10		0.10
Residue recovery	PP 72, Procedure B						
Residue, %		65		65		65	
Tests on recovered residue:							
Residue properties		Meet the specified SPG in Table 17A[3]					
Solubility in trichloroethylene, %	T 44	97.5		97.5			
Float test, 60°C, sec.[4]	T 50	1,200				1,200	

1. X is the average 7-day maximum pavement surface design temperature, and y is the minimum pavement surface design temperature used in Table 17A.
2. This test requirement on representative samples is waived if successful application of the material has been achieved in the field.
3. Meet original performance properties and PAV residue requirements only
4. If Float test is less than 1,200 sec. using PP 72, Procedure B, for residue recovery, then use T 59 for residue recovery.

Special Provision to Item 300
Asphalts, Oils, and Emulsions

For this project, Item 300, "Asphalts, Oils, and Emulsions," of the Standard Specifications, is hereby amended with respect to the clauses cited below, and no other clauses or requirements of this Item are waived or changed hereby.

Section 300.2.4, "Emulsified Asphalt." Table 10 is voided and replaced by the following:

Table 10
Polymer Modified Cationic Emulsified Asphalt

Type-Grade		Rapid Setting						Slow Setting	
		CRS-1P		CRS-2P		CRS-2TR		CSS-1P	
Property	Test Procedure	Min	Max	Min	Max	Min	Max	Min	Max
Viscosity, Saybolt Furol	T 72								
77°F, sec.		-	-	-	-	-	-	20	100
122°F, sec.		50	150	150	400	150	500	-	-
Sieve Test, %	T 59	-	0.1	-	0.1	-	0.1	-	0.1
Demulsibility, 35 ml of 0.8% sodium dioctyl sulfosuccinate, %	T 59	60	-	70	-	40	-	-	-
Storage Stability, 1 day, %	T 59	-	1	-	1	-	1	-	1
Breaking Index, g	Tex-542-C	-	80	-	-	-	-	-	-
Particle Charge	T 59	positive		positive		positive		positive	
Distillation Test:[1]	T 59								
Residue by Distillation, % by wt.		65	-	65	-	65	-	62	-
Oil Distillate, % by volume of emulsion		-	3	-	0.5	-	3	-	0.5
Tests on Residue from Distillation:									
Modifier type		Polymer		Polymer		Tire Rubber		Polymer	
Modifier Content, wt. % (solids basis)		-	-	3.0	-	5.0	-	3.0	-
Penetration, 77°F, 100 g, 5 sec.	T 49	225	300	90	150	90	150	-	90
Viscosity, 140°F, poise	T 202	-	-	1300	-	1000	-	-	-
Solubility in Trichloroethylene, %	T 44	97.0	-	97.0	-	98	-	97.0	-
Softening Point, °F	T 53	-	-	-	-	-	-	135	-
Ductility, 77°F, 5 cm/min., cm	T 51	-	-	-	-	40	-	70	-
Ductility[2], 39.2°F, 5 cm/min., cm	T 51	-	-	50	-	-	-	-	-
Elastic Recovery[2], 50°F, %	Tex-539-C	45	-	55	-	-	-	-	-

[1]Exception to T 59: Bring the temperature on the lower thermometer slowly to 350°F ± 0°F. Maintain at this temperature for 20 min. Complete total distillation in 60 ± 5 min. from the first application of heat.

[2]CRS-2P must meet one of either the ductility or elastic recovery requirements.

Special Provision to Item 300
Asphalts, Oils and Emulsions

Item 300, "Asphalts, Oils and Emulsions" of the Standard Specifications is amended with respect to the clauses cited below. No other clauses or requirements of this Item are waived or changed.

Section 300.2.4., "Emulsified Asphalt", is supplemented by the following:

Emulsified Asphalt. Provide emulsified asphalt that is homogeneous, does not separate after thorough mixing, and meets the requirements for the specified type and grade in Tables 7, 8, 9, and 10.

Table 10B
Non-Tracking Tack Coat Emulsion

Property	Test Procedure	Quick Setting QS-1HH	
		Min	Max
Viscosity, Saybolt Furol, 77° F,sec	T 72	15	--
Storage stability, 1 Day, %	T 59	--	1
Settlement, 5-day, %	T 59	2	5
Sieve test, %	T 59	--	0.30
Distillation test:[1]	T 59		
Residue by distillation, % by wt.		50	--
Oil distillate, by volume of emulsion		--	1.0
Test on residue from distillation:			
Penetration, 77°F, 100 g, 5 sec.	T 49	--	20
Solubility in trichloroethylene, %	T 44	97.5	--
Softening point, °F	T 53	150	
Dynamic shear, G*/sin(δ), 82°C, 10 rad/s, kPa	T 315	1.0	--

1. Exception to AASHTO T-59: Bring the temperature on the lower thermometer slowly to 350°F ± 10°F. Maintain at this temperature for 20 min. Complete total distillation in 60 ± 5 min. from first application of heat.

INDEX OF SHEETS

SHEET	DESCRIPTION
1	TITLE SHEET
2	ESTIMATE OF QUANTITIES SUMMARY
3	TYPICAL SECTIONS
4	MISCELLANEOUS DETAILS
5-28	OVERLAY AND STRIPING PLANS
SHEET	**STANDARDS**
29-40	BC (1)-14 THRU BC (12)-14
41	TCP (2-1)-18
42	TCP (2-2)-18
43	TCP (2-3)-18
44	TCP (2-4)-18
45	TCP (3-1)-13
46	TCP (3-3)-14
47	TCP (3-4)-13
48	TCP (7-1)-13
49	WZ (TD)-17
50	WZ (STPM)-13
51	WZ (UL)-13
52	PM (1)-12
53	PM (2)-12
54	PM (3)-12
55	PM (6)-01

REFERENCED STANDARD SPECIFICATIONS:
SPECIFICATIONS ADOPTED BY THE TEXAS DEPARTMENT OF TRANSPORTATION ON NOVEMBER 1, 2014 SHALL GOVERN THIS PROJECT.

WILLIAMSON COUNTY

DEPARTMENT OF INFRASTRUCTURE

3151 S.E. INNER LOOP, SUITE B
GEORGETOWN, TEXAS 78626
512-943-3330
www.wilco.org

PLANS FOR PROPOSED

RONALD REAGAN BLVD

IMPROVEMENTS

FROM SH 195 TO IH 35 (JARRELL CITY LIMITS)

PHASE 1: STA 150+00 TO PROJECT END
(JARRELL CITY LIMITS) AND
WB TRAVEL LANE LOCATED 300 FT
WEST OF CR 248

PHASE 2: SH 195 TO STA 150+00

MAY 2018

WILLIAMSON COUNTY
1848

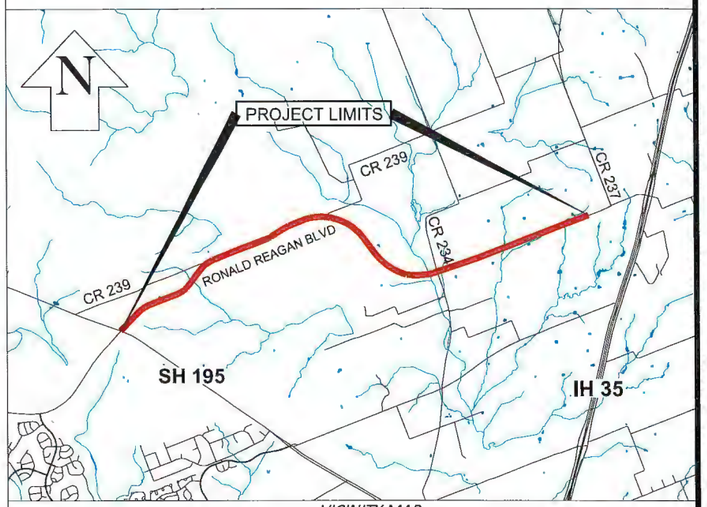
GENERAL PROJECT INFO:
REHAB OF RONALD REAGAN BLVD CONSISTS OF FULL DEPTH REPAIR, LEVEL-UP, MILLING, SEALING, OVERLAYING AND RESTRIPING.

LIMITS:
PHASE 1 - REPAIR FROM THE INTERSECTION OF SH 195 TO JARRELL CITY LIMITS AND WB TRAVEL LANE LOCATED 300 FT WEST OF CR 248, APPROXIMATELY 29,665 FT OR 5.62 MILES AND 40 FT IN LENGTH, RESPECTIVELY.

PHASE 1 - OVERLAY FROM STA 150+00 TO JARRELL CITY LIMITS, APPROXIMATELY 14,965 FT OR 2.83 MILES IN LENGTH.

PHASE 2 - OVERLAY FROM THE INTERSECTION OF SH 195 TO STA 150+00, APPROXIMATELY 14,700 FT OR 2.78 MILES IN LENGTH.

#		#	#
#		#	#
#		#	#
#		#	#
#	SHEETS AFFECTED	BY	DATE



VICINITY MAP
N.T.S.

WILLIAMSON COUNTY

DESIGNED BY:

STATE OF TEXAS
KON Q. KWAN
90584
LICENSED
PROFESSIONAL ENGINEER

5/31/18
KON Q. KWAN, P.E. PROJECT ENGINEER DATE

THE STANDARD / DETAIL SHEETS, #29 THRU #55, HAVE BEEN ISSUED BY ME AND ARE APPLICABLE TO THIS PROJECT.

APPROVED AND RECOMMENDED FOR CONSTRUCTION:

6/1/18
J. TERRON EVERTSON, P.E. COUNTY ENGINEER DATE

6/12/2018 2:17 PM
...onalReagan*TITLE.dgn
5/31/2018 8:56:02 AM

PHASE 1 - Estimate of Quantities Summary

PHASE	ITEM	NO	DESCRIPTION	UNITS	QUANTITY
PHASE 1	160	6003	FURNISHING AND PLACING TOPSOIL (4")	SY	26607
PHASE 1	164	6033	DRILL SEEDING (PERM) (RURAL) (SANDY)	SY	26607
PHASE 1	166	6001	FERTILIZER	AC	6
PHASE 1	168	6001	VEGETATIVE WATERING	MG	1254
PHASE 1	316	6175	AGGR (TY-B GR-4 SAC-B)	CY	640
PHASE 1	316	6466	ASPH (CHFRS-2P OR CRS-2P)	GAL	25726
PHASE 1	341	6008	D - GR HMA TY - B PG64 - 22	TON	2017
PHASE 1	341	6043	D - GR HMA TY - D PG70 - 22	TON	8086
PHASE 1	341	6062	D-GR HMA TY-D PG64-22(LEVEL-UP)	TON	1009
PHASE 1	354	6021	PLANE ASPH CONC PAV (0" TO 2")	SY	13001
PHASE 1	354	6082	PLANE ASPH CONC PAV (10")	SY	3668
PHASE 1	500	6001	MOBILIZATION	LS	1
PHASE 1	502	6001	BARRICADES, SIGNS AND TRAFFIC HANDLING	MO	1.5
PHASE 1	662	6109	WK ZN PAV MRK SHT TERM (TAB) TY W	EA	75
PHASE 1	662	6111	WK ZN PAV MRK SHT TERM (TAB) TY Y - 2	EA	1505
PHASE 1	666	6035	REFL PAV MRK TY I (W) 8" (SLD) (090MIL)	LF	746
PHASE 1	666	6047	REFL PAV MRK TY I (W) 24" (SLD) (090MIL)	LF	35
PHASE 1	666	6053	REFL PAV MRK TY I (W) (ARROW) (090MIL)	EA	2
PHASE 1	666	6077	REFL PAV MRK TY I (W) (WORD) (090MIL)	EA	2
PHASE 1	666	6146	REFL PAV MRK TY I (Y) 24" (SLD) (090MIL)	LF	0
PHASE 1	666	6167	REFL PAV MRK TY II (W) 4" (BRK)	LF	0
PHASE 1	666	6170	REFL PAV MRK TY II (W) 4" (SLD)	LF	29860
PHASE 1	666	6178	REFL PAV MRK TY II (W) 8" (SLD)	LF	746
PHASE 1	666	6182	REFL PAV MRK TY II (W) 24" (SLD)	LF	35
PHASE 1	666	6184	REFL PAV MRK TY II (W) (ARROW)	EA	2
PHASE 1	666	6192	REFL PAV MRK TY II (W) (WORD)	EA	2
PHASE 1	666	6207	REFL PAV MRK TY II (Y) 4" (SLD)	LF	30090
PHASE 1	666	6214	REFL PAV MRK TY II (Y) 24" (SLD)	LF	0
PHASE 1	666	6299	RE PM W / RET REQ TY I (W) 4" (BRK) (090MIL)	LF	0
PHASE 1	666	6302	RE PM W / RET REQ TY I (W) 4" (SLD) (090MIL)	LF	29860
PHASE 1	666	6314	RE PM W / RET REQ TY I (Y) 4" (SLD) (090MIL)	LF	30090
PHASE 1	672	6007	REFL PAV MRKR TY I-C	EA	38
PHASE 1	672	6009	REFL PAV MRKR TY II-A-A	EA	376

PHASE 2 - Estimate of Quantities Summary

PHASE	ITEM	NO	DESCRIPTION	UNITS	QUANTITY
PHASE 2	160	6003	FURNISHING AND PLACING TOPSOIL (4")	SY	26134
PHASE 2	164	6033	DRILL SEEDING (PERM) (RURAL) (SANDY)	SY	26134
PHASE 2	166	6001	FERTILIZER	AC	6
PHASE 2	168	6001	VEGETATIVE WATERING	MG	1232
PHASE 2	316	6175	AGGR (TY-B GR-4 SAC-B)	CY	724
PHASE 2	316	6466	ASPH (CHFRS-2P OR CRS-2P)	GAL	29114
PHASE 2	341	6008	D - GR HMA TY - B PG64 - 22	TON	0
PHASE 2	341	6043	D - GR HMA TY - D PG70 - 22	TON	9150
PHASE 2	341	6062	D-GR HMA TY-D PG64-22(LEVEL-UP)	TON	0
PHASE 2	354	6021	PLANE ASPH CONC PAV (0" TO 2")	SY	4100
PHASE 2	354	6082	PLANE ASPH CONC PAV (10")	SY	0
PHASE 2	500	6001	MOBILIZATION	LS	1
PHASE 2	502	6001	BARRICADES, SIGNS AND TRAFFIC HANDLING	MO	1.5
PHASE 2	662	6109	WK ZN PAV MRK SHT TERM (TAB) TY W	EA	144
PHASE 2	662	6111	WK ZN PAV MRK SHT TERM (TAB) TY Y - 2	EA	1609
PHASE 2	666	6035	REFL PAV MRK TY I (W) 8" (SLD) (090MIL)	LF	1440
PHASE 2	666	6047	REFL PAV MRK TY I (W) 24" (SLD) (090MIL)	LF	56
PHASE 2	666	6053	REFL PAV MRK TY I (W) (ARROW) (090MIL)	EA	4
PHASE 2	666	6077	REFL PAV MRK TY I (W) (WORD) (090MIL)	EA	4
PHASE 2	666	6146	REFL PAV MRK TY I (Y) 24" (SLD) (090MIL)	LF	1015
PHASE 2	666	6167	REFL PAV MRK TY II (W) 4" (BRK)	LF	1110
PHASE 2	666	6170	REFL PAV MRK TY II (W) 4" (SLD)	LF	29150
PHASE 2	666	6178	REFL PAV MRK TY II (W) 8" (SLD)	LF	1440
PHASE 2	666	6182	REFL PAV MRK TY II (W) 24" (SLD)	LF	56
PHASE 2	666	6184	REFL PAV MRK TY II (W) (ARROW)	EA	4
PHASE 2	666	6192	REFL PAV MRK TY II (W) (WORD)	EA	4
PHASE 2	666	6207	REFL PAV MRK TY II (Y) 4" (SLD)	LF	32180
PHASE 2	666	6214	REFL PAV MRK TY II (Y) 24" (SLD)	LF	1015
PHASE 2	666	6299	RE PM W / RET REQ TY I (W) 4" (BRK) (090MIL)	LF	1110
PHASE 2	666	6302	RE PM W / RET REQ TY I (W) 4" (SLD) (090MIL)	LF	29150
PHASE 2	666	6314	RE PM W / RET REQ TY I (Y) 4" (SLD) (090MIL)	LF	32180
PHASE 2	672	6007	REFL PAV MRKR TY I-C	EA	86
PHASE 2	672	6009	REFL PAV MRKR TY II-A-A	EA	615

STATE OF TEXAS
KON Q. KWAN
90584
LICENSED
PROFESSIONAL ENGINEER
05/31/2018

NO.	REVISION	BY	DATE

WILLIAMSON COUNTY 1848

WILLIAMSON COUNTY DEPT. OF INFRASTRUCTURE

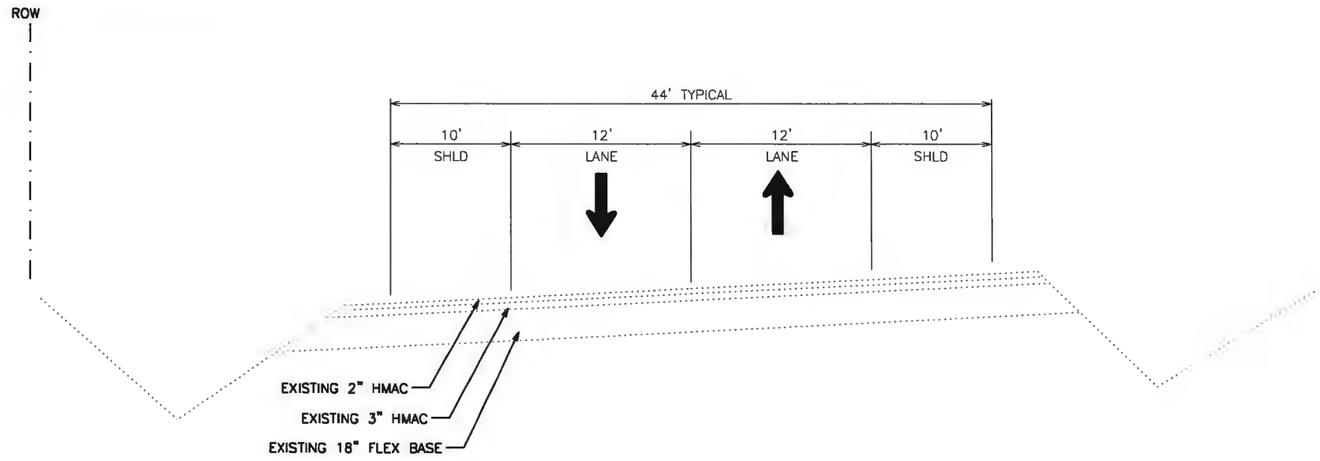
RONALD REAGAN BLVD OVERLAY
ESTIMATE OF QUANTITIES SUMMARY

Designed:	AHB
Checked:	KQK
Drawn:	AHB
Checked:	KQK

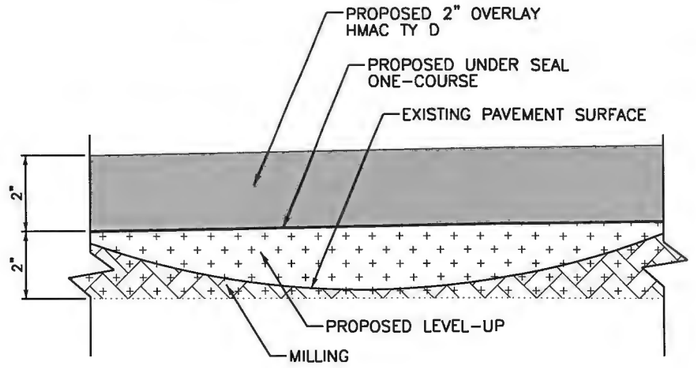
3151 S.E. INNER LOOP, SUITE B
GEORGETOWN, TEXAS 78626
(512) 943-3330
www.wilco.org

SHEET NO. 2

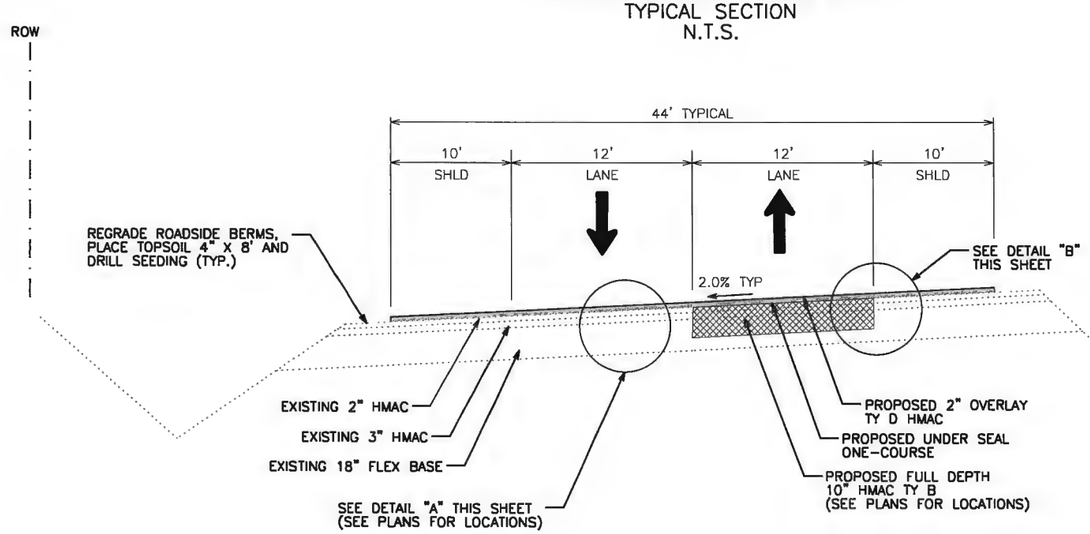
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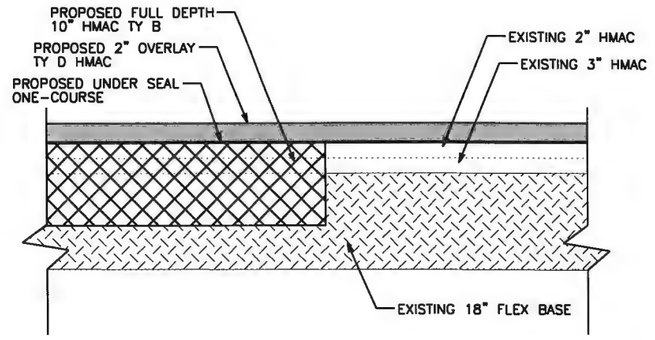
EXISTING RONALD REAGAN BLVD
TYPICAL SECTION
N.T.S.



DETAIL "A"
N.T.S.



PROPOSED RONALD REAGAN BLVD
TYPICAL SECTION
N.T.S.



DETAIL "B"
N.T.S.

STATE OF TEXAS
KON Q. KWAN
90584
LICENSED
PROFESSIONAL ENGINEER
05/31/2018

NO.	REVISION	BY	DATE

WILLIAMSON COUNTY 1848
WILLIAMSON COUNTY DEPT. OF INFRASTRUCTURE

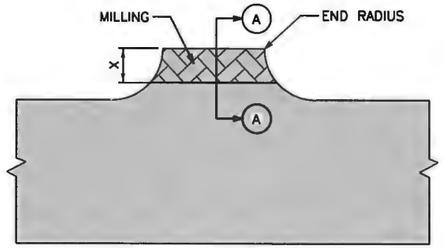
RONALD REAGAN BLVD OVERLAY
TYPICAL SECTIONS

Designed:	AHB
Checked:	KQK
Drawn:	AHB
Checked:	KQK

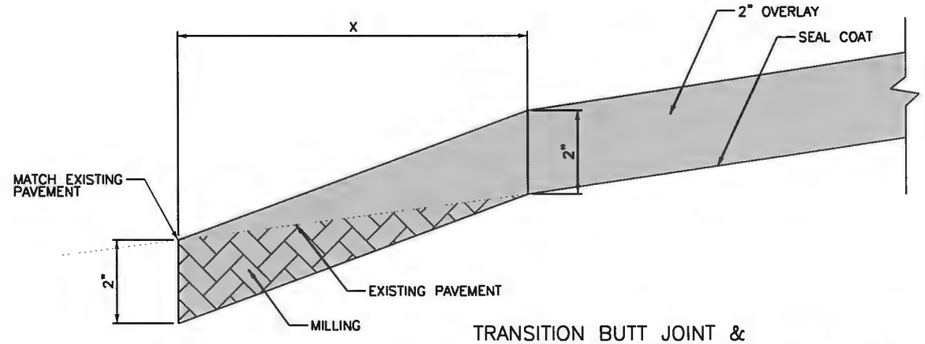
3151 S.E. INNER LOOP, SUITE B
GEORGETOWN, TEXAS 78626
(512) 943-3330
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SHEET NO. 3

R*TYPSEC.dgn 5/29/2018 10:52:35 AM



DRIVEWAY
TYPICAL
X = 10'



TRANSITION BUTT JOINT &
SECTION A–A TYPICAL
N.T.S.

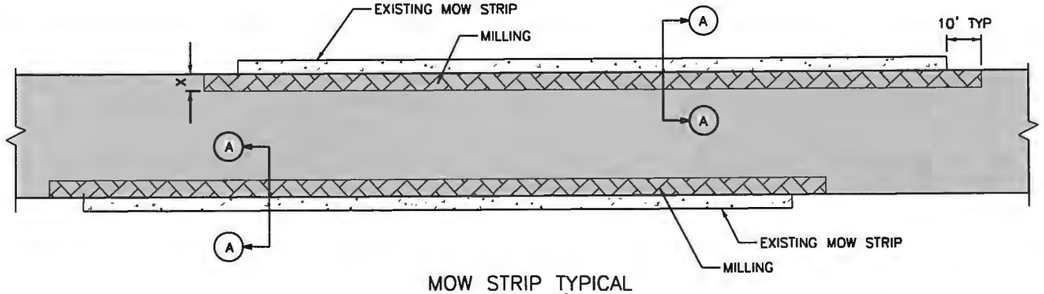
MAIN ROADS: X = 100'
SIDE ROADS: X = 50'

LEGEND

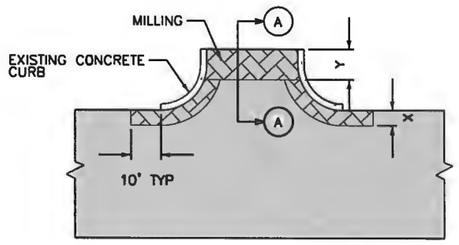
UNDER SEAL, OVERLAY 2"

MILLING

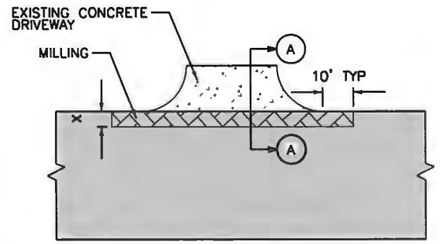
EXISTING CONCRETE



MOW STRIP TYPICAL
X = 5'



DRIVEWAY WITH CONCRETE CURB TYPICAL
X = 5'
Y = 10'



CONCRETE DRIVEWAY TYPICAL
X = 5'

KON Q. KWAN
90584
LICENSED
PROFESSIONAL ENGINEER
STATE OF TEXAS
05/31/2018

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WILLIAMSON COUNTY
1848

WILLIAMSON COUNTY
DEPT. OF
INFRASTRUCTURE

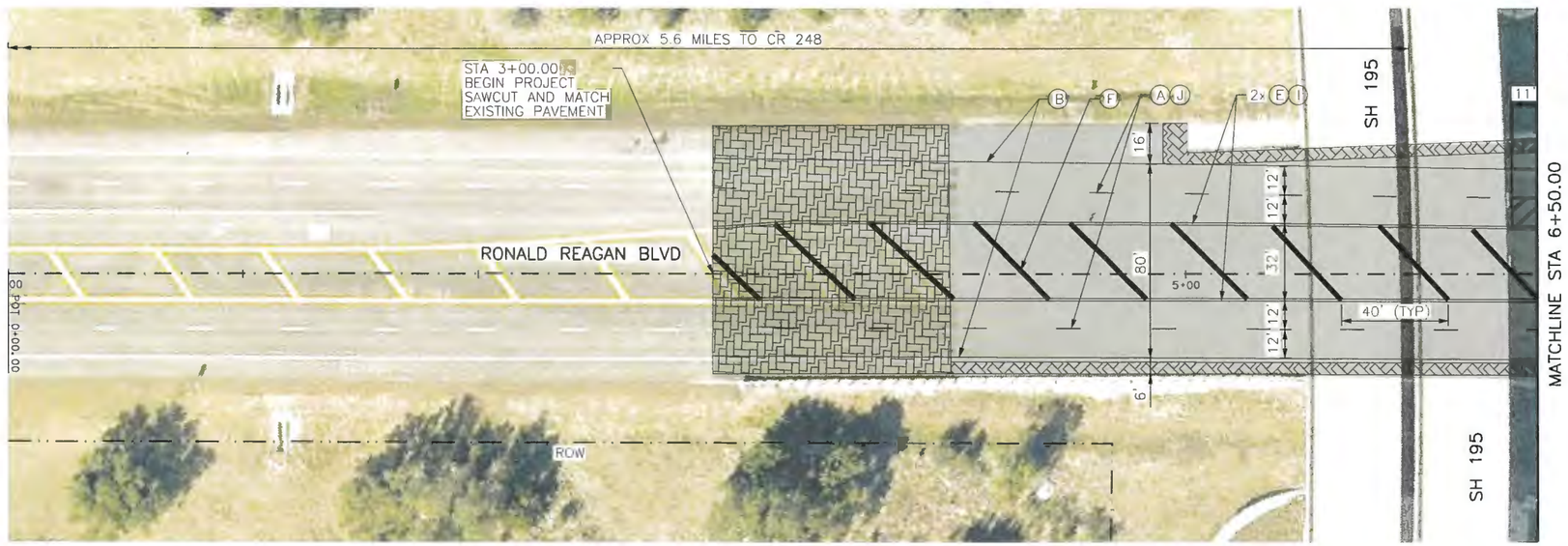
RONALD REAGAN BLVD OVERLAY
MISCELLANEOUS DETAILS

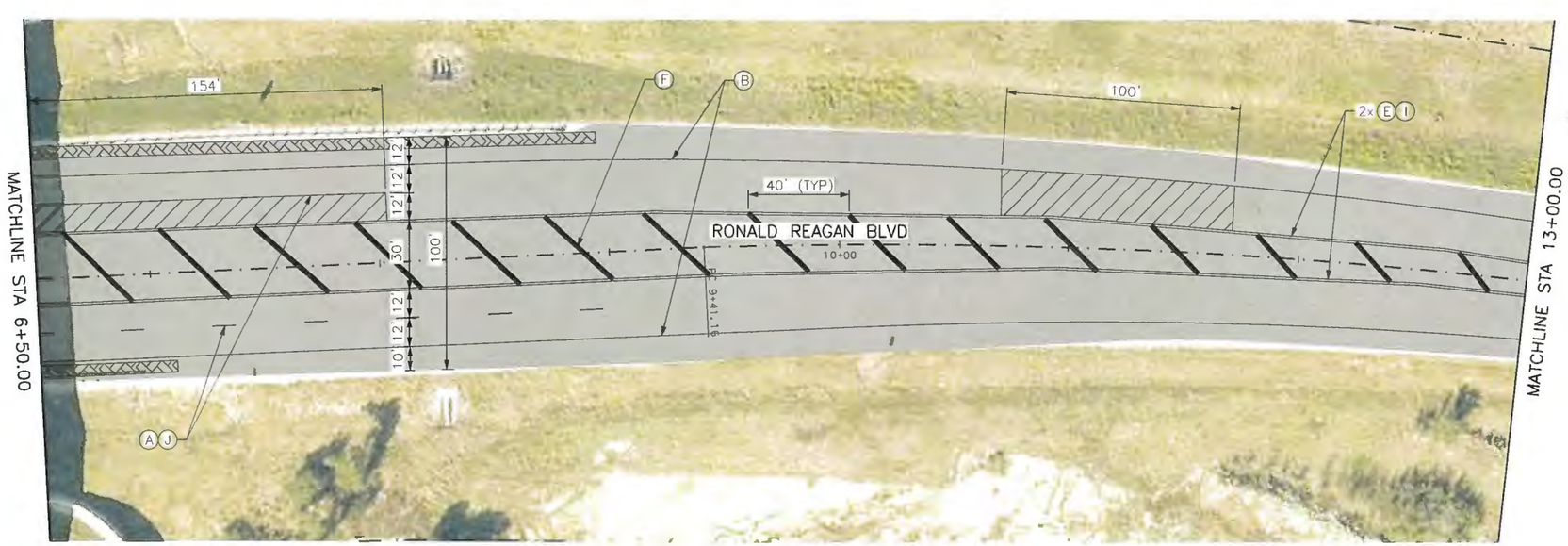
Designed:	AHB
Checked:	KQK
Drawn:	AHB
Checked:	KQK

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SHEET NO. 4

RONALDR*DETAIL.dgn 5/29/2018 10:55:08 AM





30 15 0 30 60
SCALE FEET

LEGEND

UNDER SEAL, OVERLAY 2"

FULL DEPTH

MILLING

LEVEL-UP

EXISTING CONCRETE

- (A) REFL PAV MRK TY I & II (W) 4" (BRK)
- (B) REFL PAV MRK TY I & II (W) 4" (SLD)
- (C) REFL PAV MRK TY I & II (W) 8" (SLD)
- (D) REFL PAV MRK TY I & II (W) 24" (SLD)
- (E) REFL PAV MRK TY I & II (Y) 4" (SLD)
- (F) REFL PAV MRK TY I & II (Y) 24" (SLD)
- (G) REFL PAV MRK TY I & II (W) (ARROW)
- (H) REFL PAV MRK TY I & II (W) (WORD)
- (I) REFL PAV MRKR TY II-A-A
- (J) REFL PAV MRKR TY I-C

NOTES:

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2. ALL FINAL STRIPING SHALL BE THERMOPLASTIC, TYPE I.
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PROFESSIONAL ENGINEER
05/31/2018

NO.	REVISION	BY	DATE

WILLIAMSON COUNTY 1848

WILLIAMSON COUNTY DEPT. OF INFRASTRUCTURE

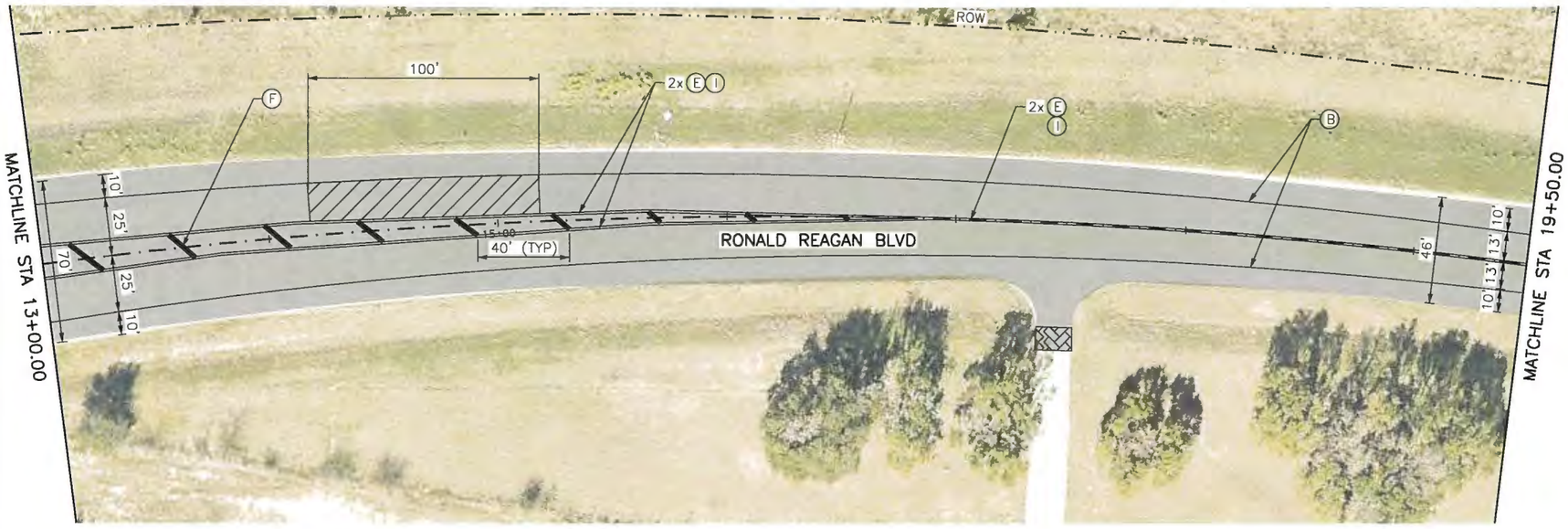
RONALD REAGAN BLVD OVERLAY AND STRIPING PLAN

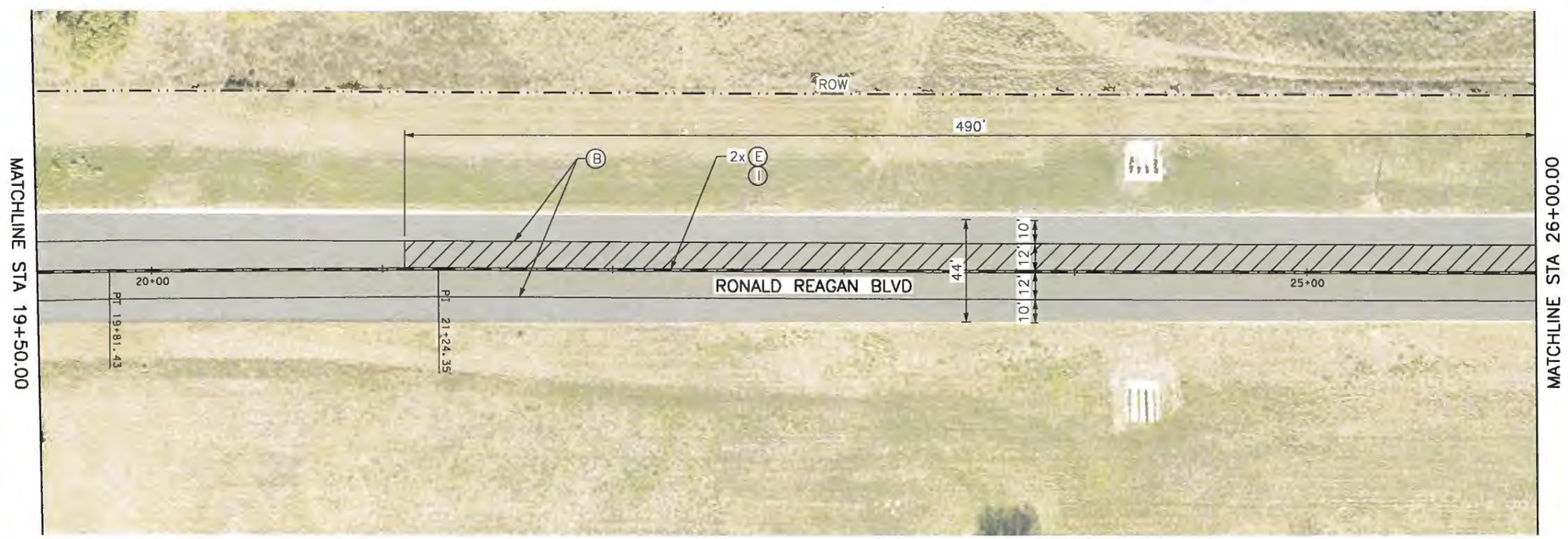
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Checked:	KQK

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SHEET NO. 5

Sheet1.dgn 5/29/2018 11:14:42 AM





30 15 0 30 60
SCALE FEET

LEGEND

UNDER SEAL, OVERLAY 2"

FULL DEPTH

MILLING

LEVEL-UP

EXISTING CONCRETE

- (A) REFL PAV MRK TY I & II (W) 4" (BRK)
- (B) REFL PAV MRK TY I & II (W) 4" (SLD)
- (C) REFL PAV MRK TY I & II (W) 8" (SLD)
- (D) REFL PAV MRK TY I & II (W) 24" (SLD)
- (E) REFL PAV MRK TY I & II (Y) 4" (SLD)
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1848

WILLIAMSON COUNTY DEPT. OF INFRASTRUCTURE

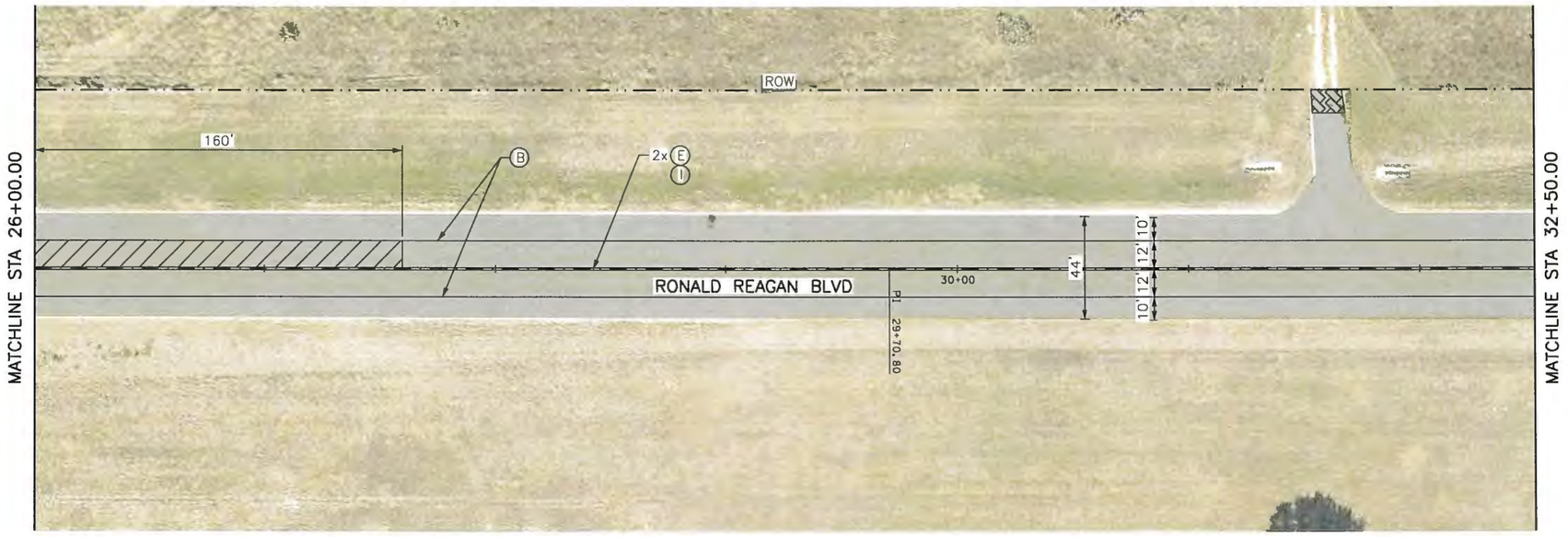
RONALD REAGAN BLVD OVERLAY AND STRIPING PLAN

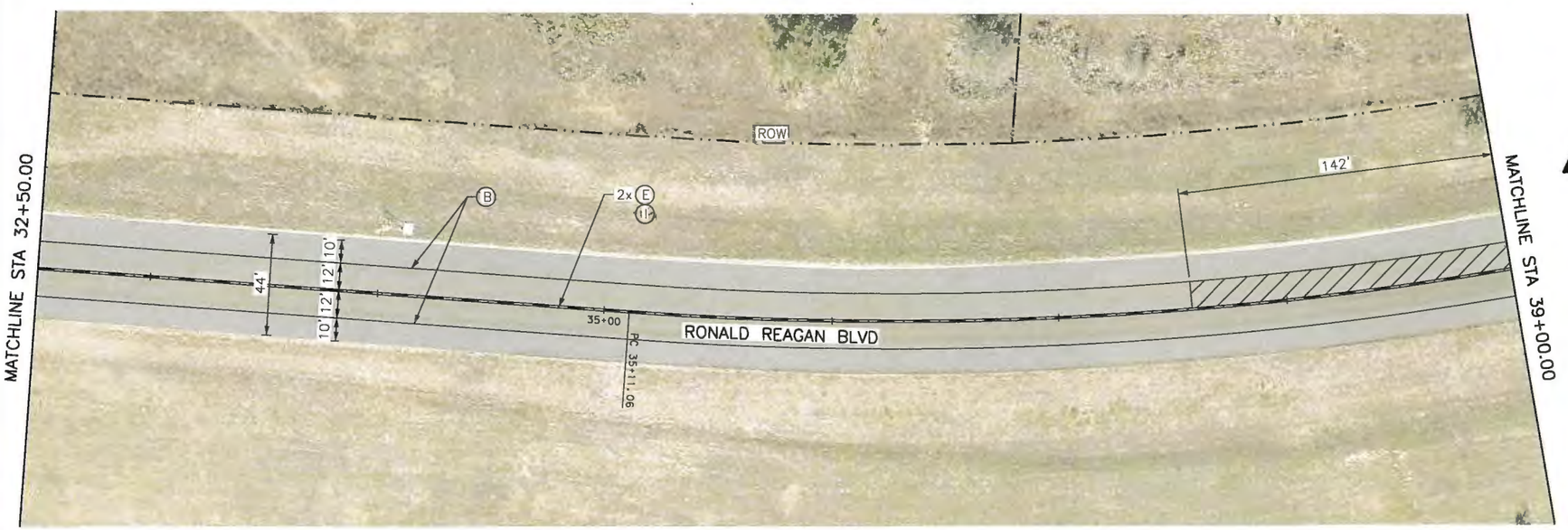
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SHEET NO. 6

Sheet2.dgn 5/29/2018 11:21:38 AM





30 15 0 30 60
SCALE FEET

LEGEND

UNDER SEAL, OVERLAY 2"

FULL DEPTH

MILLING

LEVEL-UP

EXISTING CONCRETE

- (A) REFL PAV MRK TY I & II (W) 4" (BRK)
- (B) REFL PAV MRK TY I & II (W) 4" (SLD)
- (C) REFL PAV MRK TY I & II (W) 8" (SLD)
- (D) REFL PAV MRK TY I & II (W) 24" (SLD)
- (E) REFL PAV MRK TY I & II (Y) 4" (SLD)
- (F) REFL PAV MRK TY I & II (Y) 24" (SLD)
- (G) REFL PAV MRK TY I & II (W) (ARROW)
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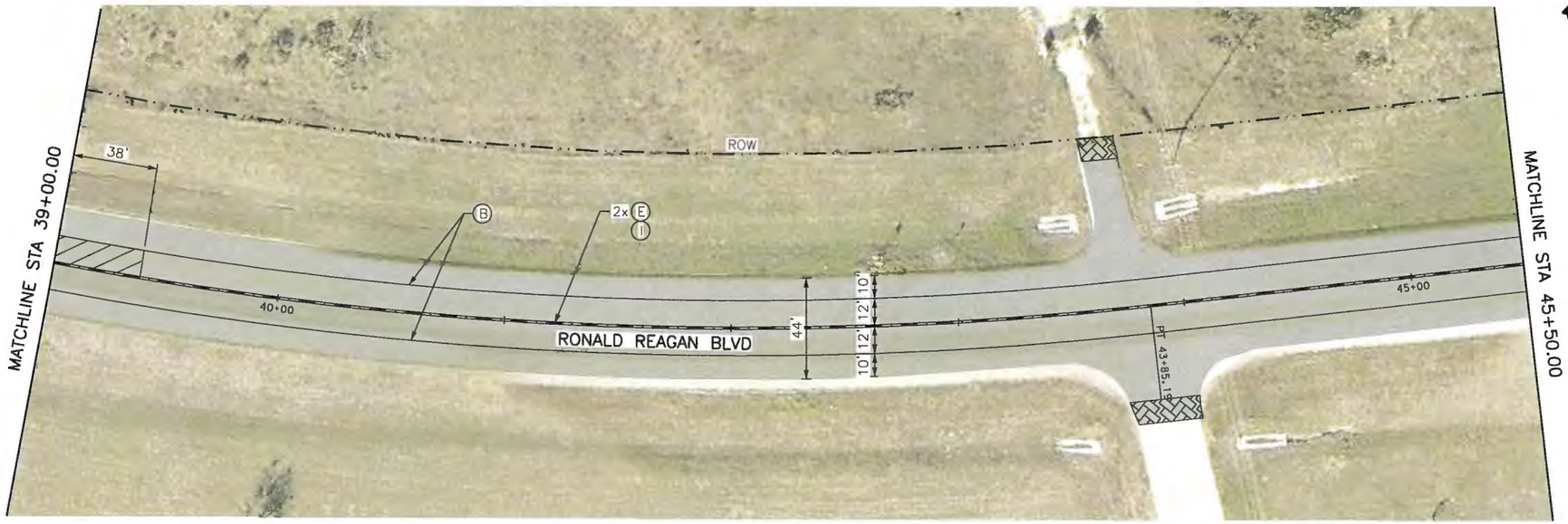
RONALD REAGAN BLVD OVERLAY AND STRIPING PLAN

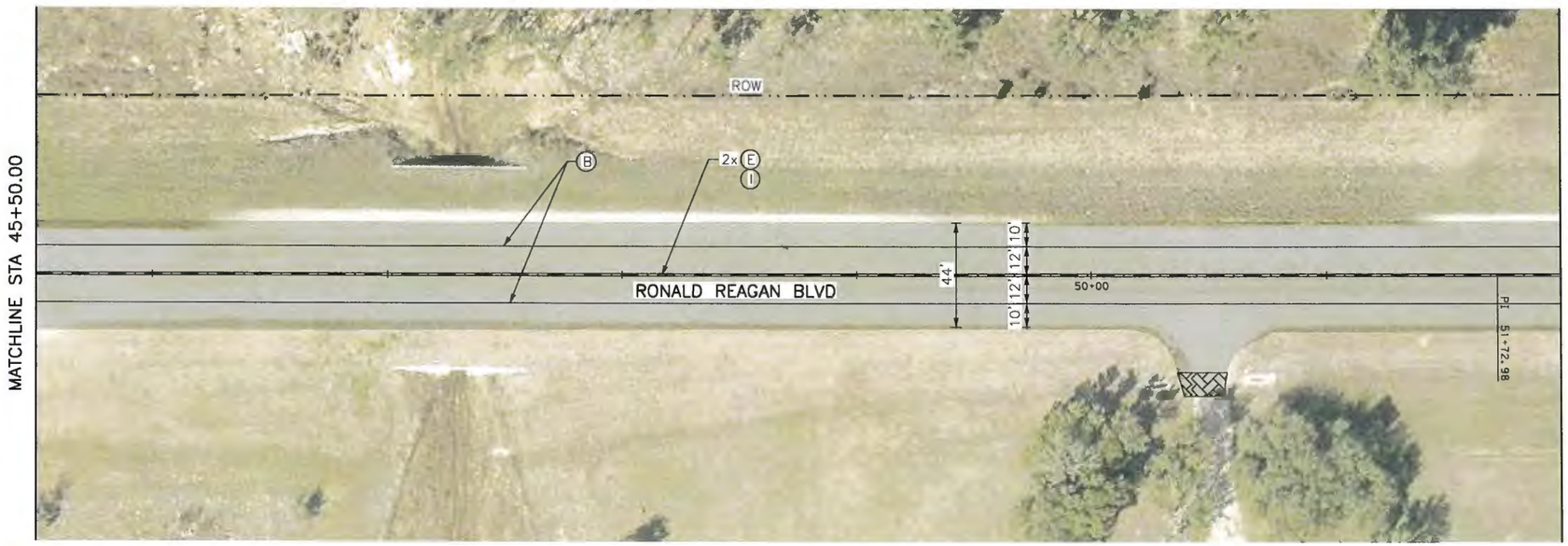
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SHEET NO. 7

Sheet3.dgn 5/29/2018 11:24:03 AM





30 15 0 30 60
SCALE FEET

LEGEND

UNDER SEAL, OVERLAY 2"

FULL DEPTH

MILLING

LEVEL-UP

EXISTING CONCRETE

- (A) REFL PAV MRK TY I & II (W) 4" (BRK)
- (B) REFL PAV MRK TY I & II (W) 4" (SLD)
- (C) REFL PAV MRK TY I & II (W) 8" (SLD)
- (D) REFL PAV MRK TY I & II (W) 24" (SLD)
- (E) REFL PAV MRK TY I & II (Y) 4" (SLD)
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- (G) REFL PAV MRK TY I & II (W) (ARROW)
- (H) REFL PAV MRK TY I & II (W) (WORD)
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WILLIAMSON COUNTY DEPT. OF INFRASTRUCTURE

RONALD REAGAN BLVD OVERLAY AND STRIPING PLAN

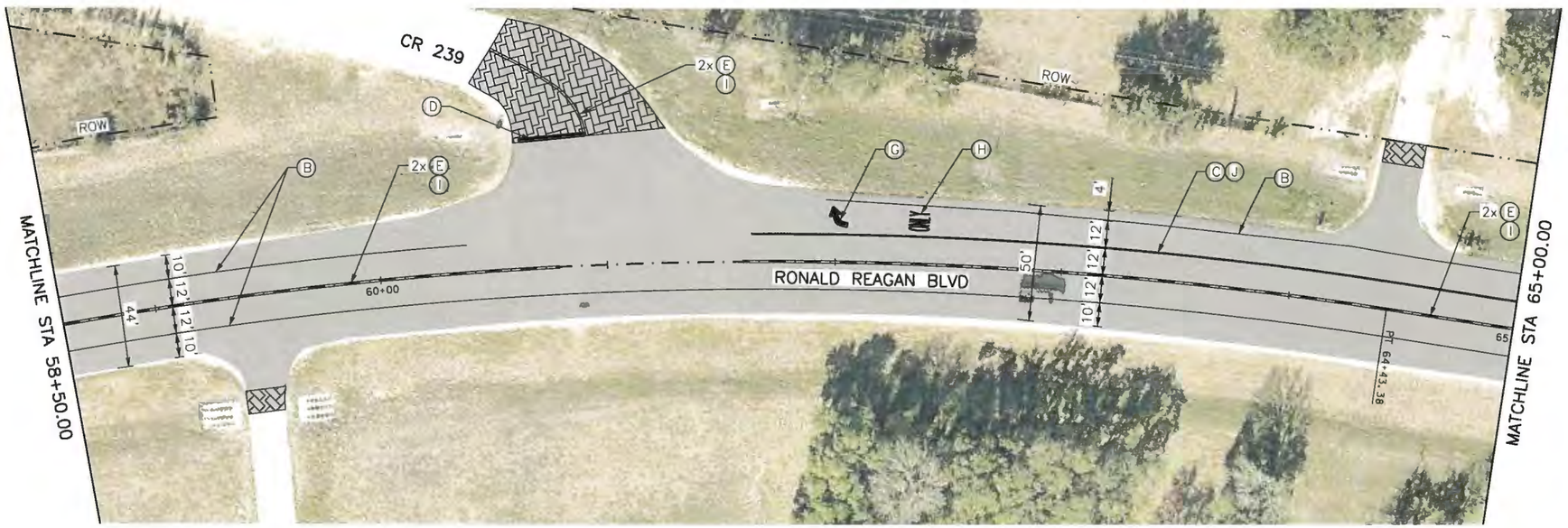
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SHEET NO. 8

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30 15 0 30 60
SCALE FEET

LEGEND

UNDER SEAL, OVERLAY 2"

FULL DEPTH

MILLING

LEVEL-UP

EXISTING CONCRETE

- (A) REFL PAV MRK TY I & II (W) 4" (BRK)
- (B) REFL PAV MRK TY I & II (W) 4" (SLD)
- (C) REFL PAV MRK TY I & II (W) 8" (SLD)
- (D) REFL PAV MRK TY I & II (W) 24" (SLD)
- (E) REFL PAV MRK TY I & II (Y) 4" (SLD)
- (F) REFL PAV MRK TY I & II (Y) 24" (SLD)
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05/31/2018

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WILLIAMSON COUNTY 1848

WILLIAMSON COUNTY DEPT. OF INFRASTRUCTURE

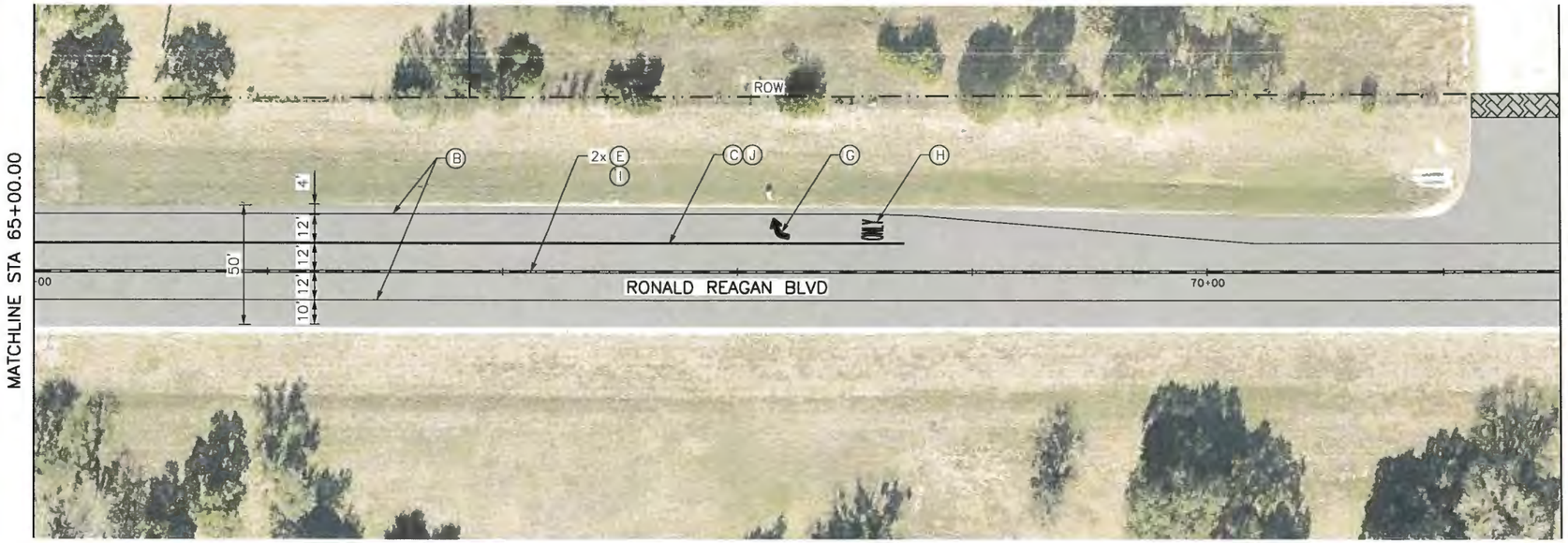
RONALD REAGAN BLVD OVERLAY AND STRIPING PLAN

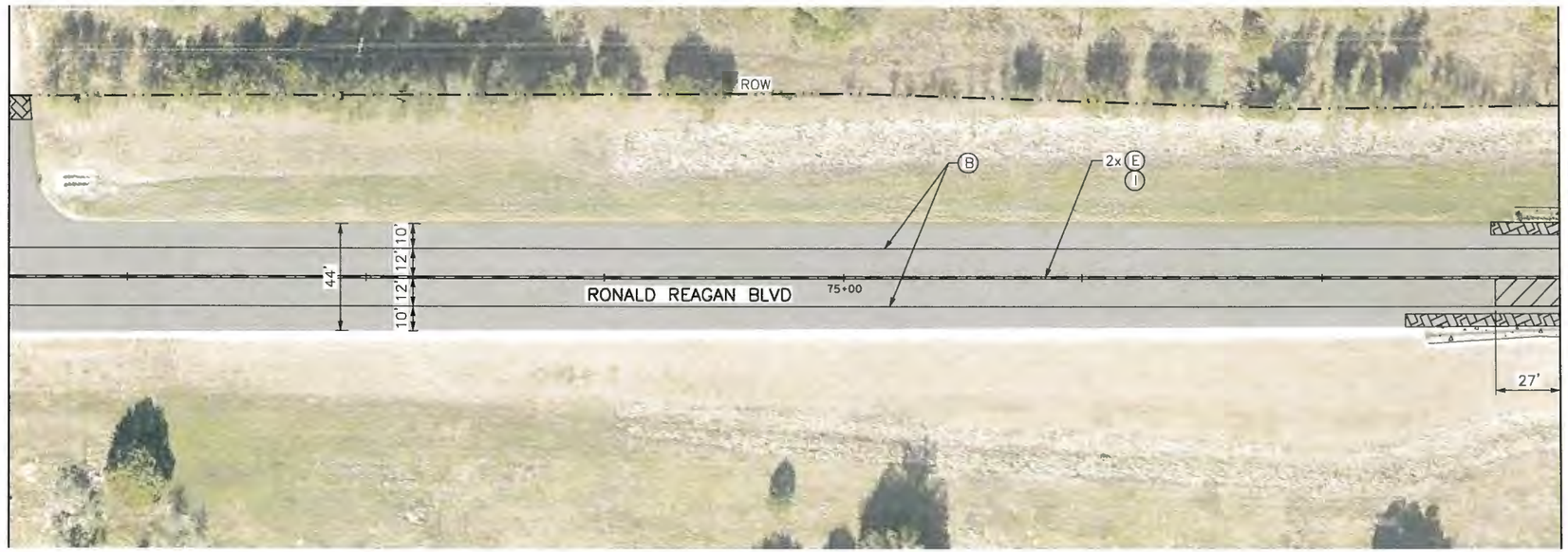
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SHEET NO. 9

sheet5.dgn 5/29/2018 SHEET5 11:33:26 AM





30 15 0 30 60
SCALE FEET

LEGEND

UNDER SEAL, OVERLAY 2"

FULL DEPTH

MILLING

LEVEL-UP

EXISTING CONCRETE

- (A) REFL PAV MRK TY I & II (W) 4" (BRK)
- (B) REFL PAV MRK TY I & II (W) 4" (SLD)
- (C) REFL PAV MRK TY I & II (W) 8" (SLD)
- (D) REFL PAV MRK TY I & II (W) 24" (SLD)
- (E) REFL PAV MRK TY I & II (Y) 4" (SLD)
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WILLIAMSON COUNTY DEPT. OF INFRASTRUCTURE

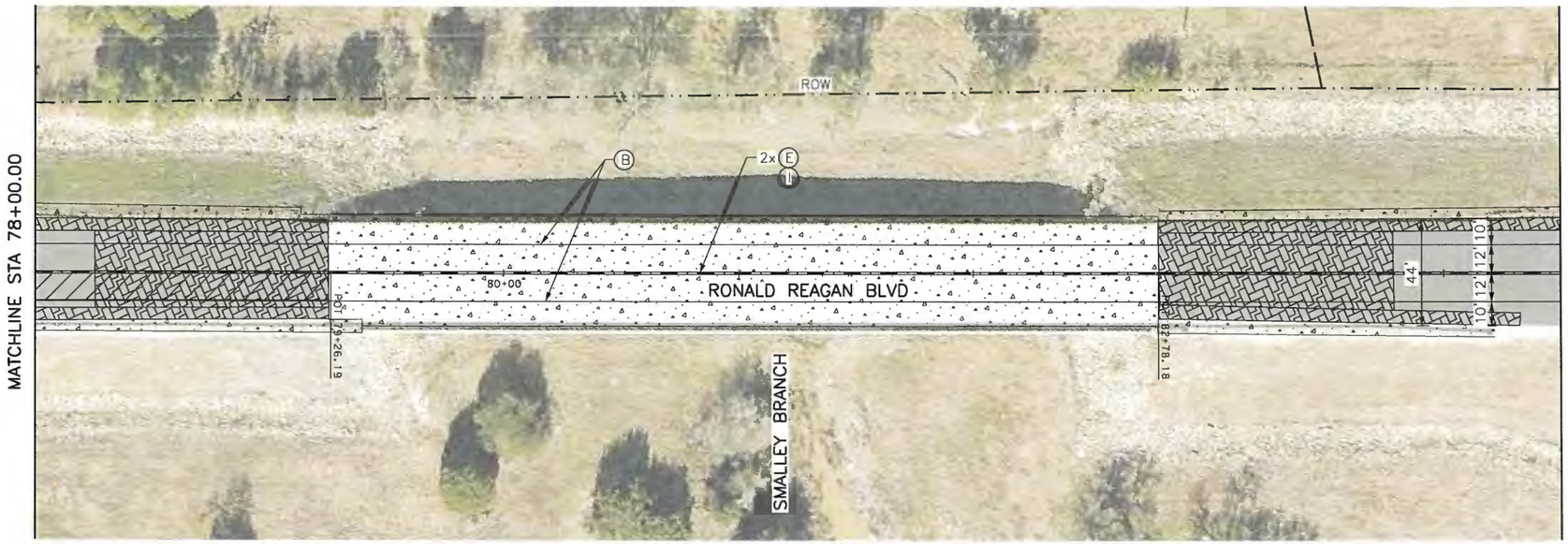
RONALD REAGAN BLVD OVERLAY AND STRIPING PLAN

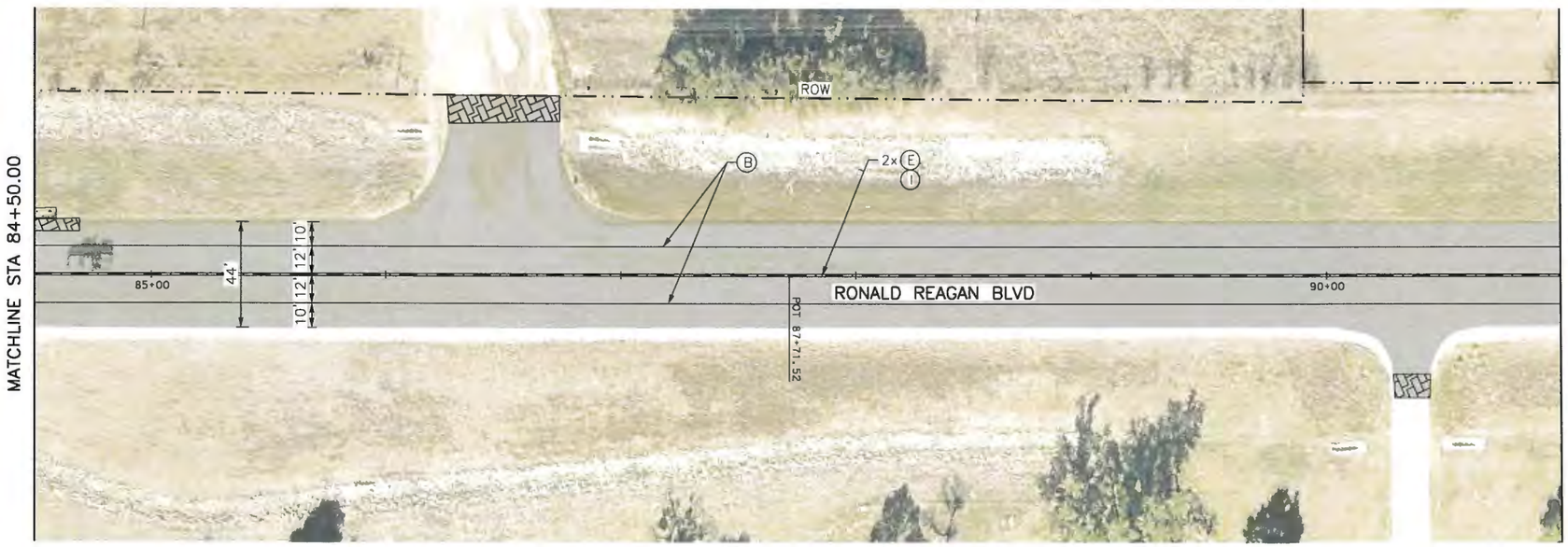
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SHEET NO. 10

Sheet6.dgn 5/29/2018 11:36:43 AM





30 15 0 30 60
SCALE FEET

LEGEND

UNDER SEAL, OVERLAY 2"

FULL DEPTH

MILLING

LEVEL-UP

EXISTING CONCRETE

- (A) REFL PAV MRK TY I & II (W) 4" (BRK)
- (B) REFL PAV MRK TY I & II (W) 4" (SLD)
- (C) REFL PAV MRK TY I & II (W) 8" (SLD)
- (D) REFL PAV MRK TY I & II (W) 24" (SLD)
- (E) REFL PAV MRK TY I & II (Y) 4" (SLD)
- (F) REFL PAV MRK TY I & II (Y) 24" (SLD)
- (G) REFL PAV MRK TY I & II (W) (ARROW)
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05/31/2018

NO.	REVISION	BY	DATE

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WILLIAMSON COUNTY DEPT. OF INFRASTRUCTURE

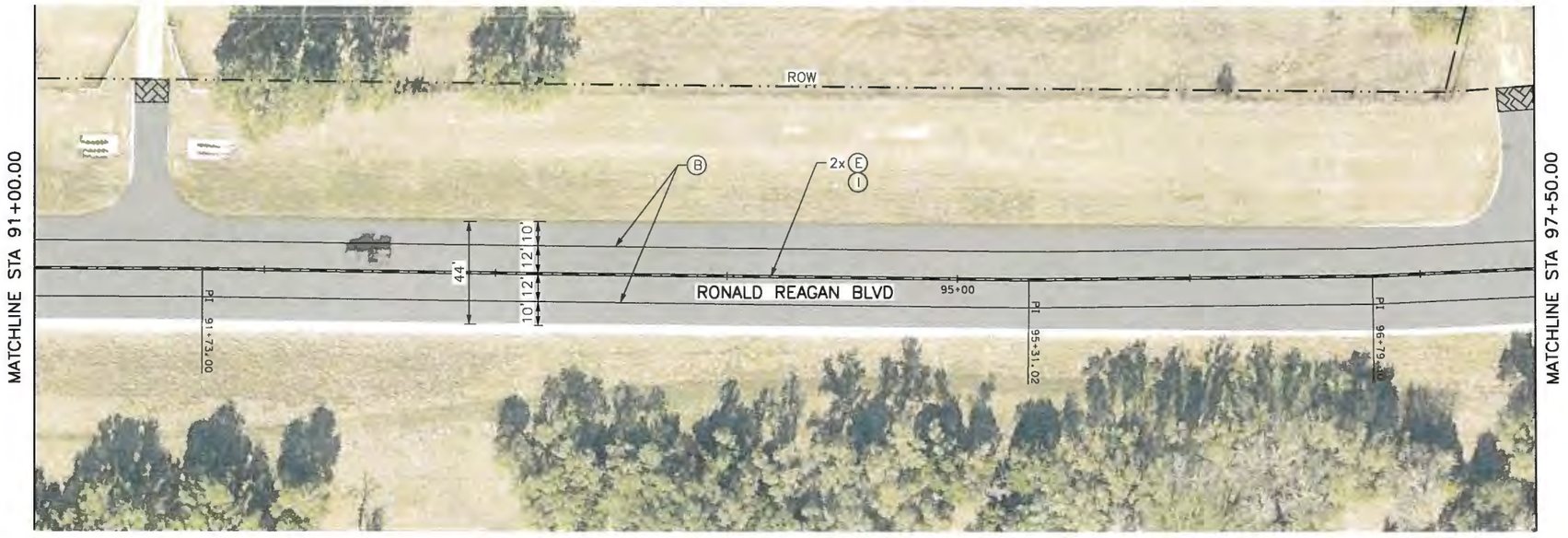
RONALD REAGAN BLVD OVERLAY AND STRIPING PLAN

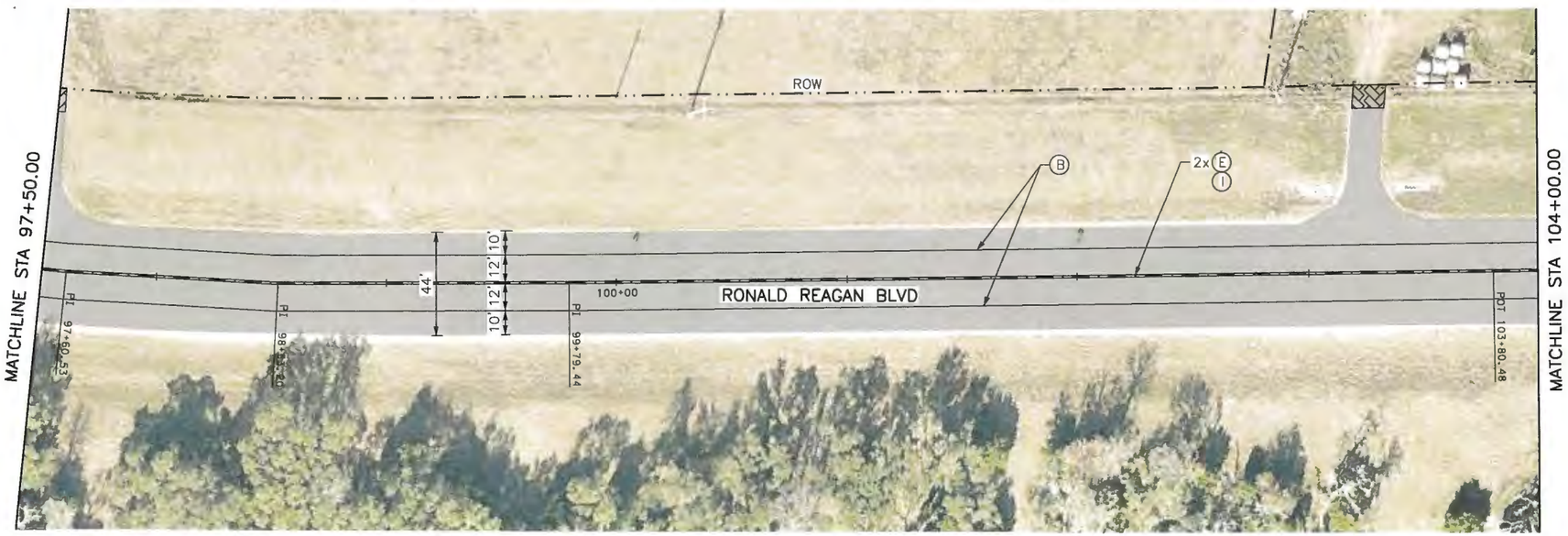
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SHEET NO. 11

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30 15 0 30 60
SCALE FEET

LEGEND

UNDER SEAL, OVERLAY 2"

FULL DEPTH

MILLING

LEVEL-UP

EXISTING CONCRETE

- (A) REFL PAV MRK TY I & II (W) 4" (BRK)
- (B) REFL PAV MRK TY I & II (W) 4" (SLD)
- (C) REFL PAV MRK TY I & II (W) 8" (SLD)
- (D) REFL PAV MRK TY I & II (W) 24" (SLD)
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- (G) REFL PAV MRK TY I & II (W) (ARROW)
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WILLIAMSON COUNTY DEPT. OF INFRASTRUCTURE

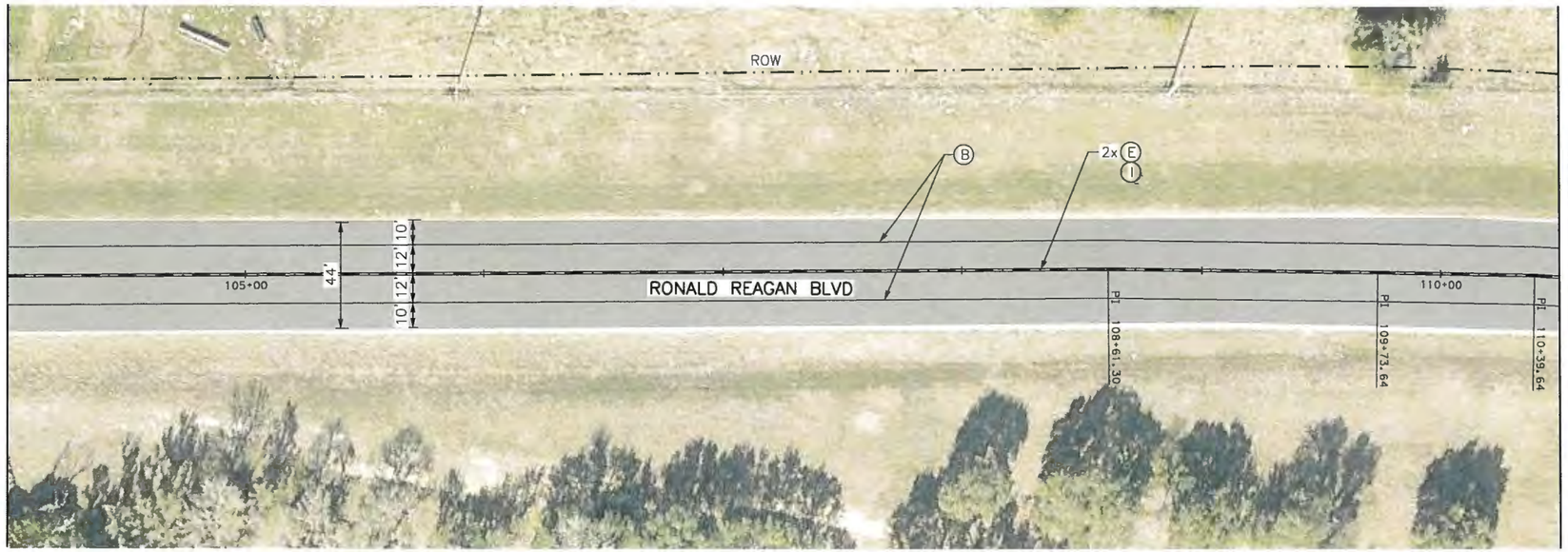
RONALD REAGAN BLVD OVERLAY AND STRIPING PLAN

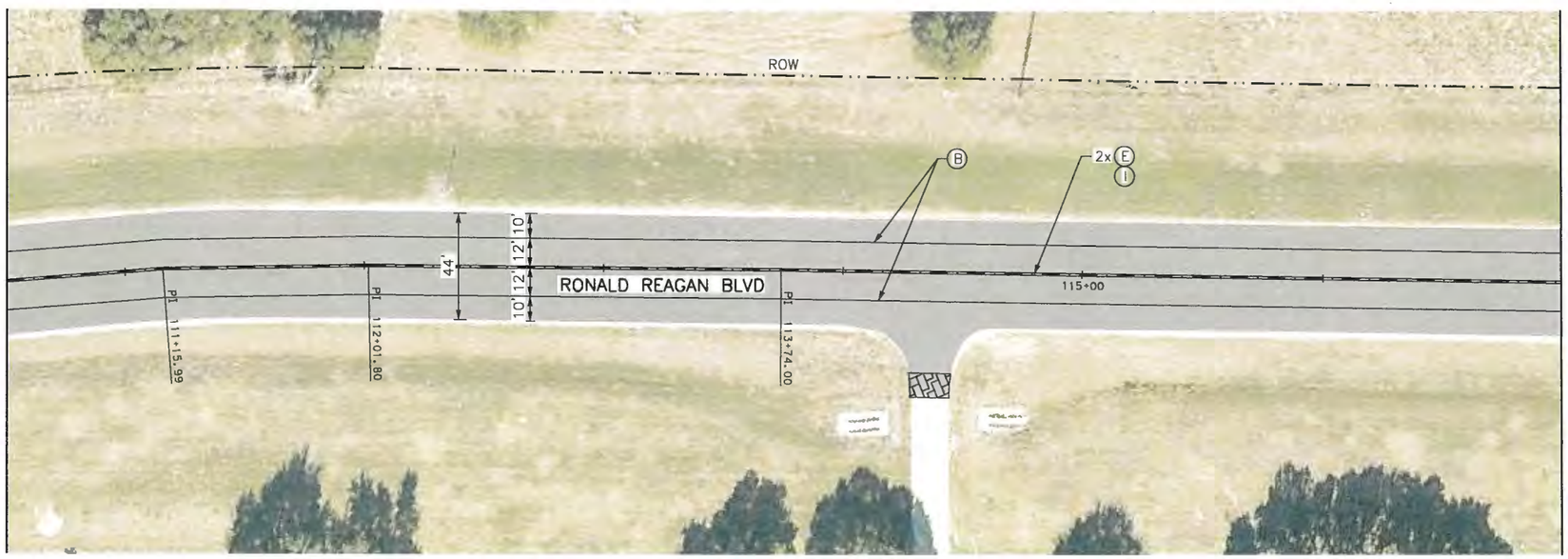
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SHEET NO. 12

sheet8.dgn 5/29/2018 11:40:50 AM





30 15 0 30 60
SCALE FEET

LEGEND

UNDER SEAL, OVERLAY 2"

FULL DEPTH

MILLING

LEVEL-UP

EXISTING CONCRETE

- (A) REFL PAV MRK TY I & II (W) 4" (BRK)
- (B) REFL PAV MRK TY I & II (W) 4" (SLD)
- (C) REFL PAV MRK TY I & II (W) 8" (SLD)
- (D) REFL PAV MRK TY I & II (W) 24" (SLD)
- (E) REFL PAV MRK TY I & II (Y) 4" (SLD)
- (F) REFL PAV MRK TY I & II (Y) 24" (SLD)
- (G) REFL PAV MRK TY I & II (W) (ARROW)
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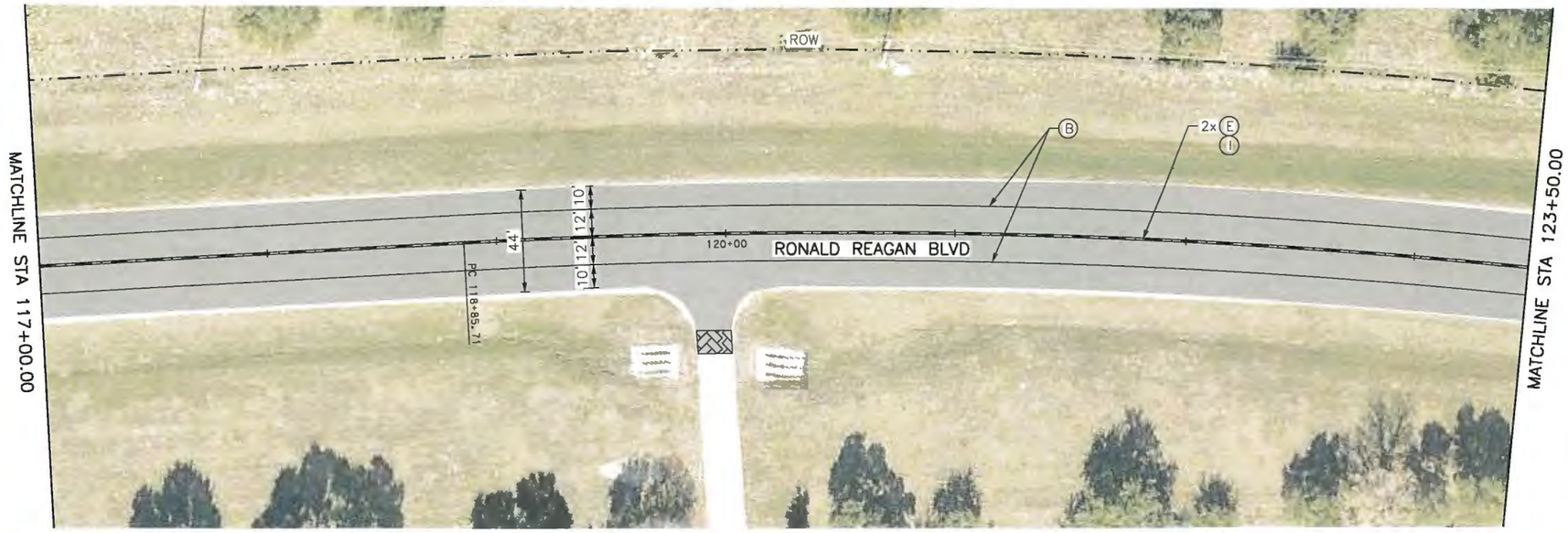
RONALD REAGAN BLVD OVERLAY AND STRIPING PLAN

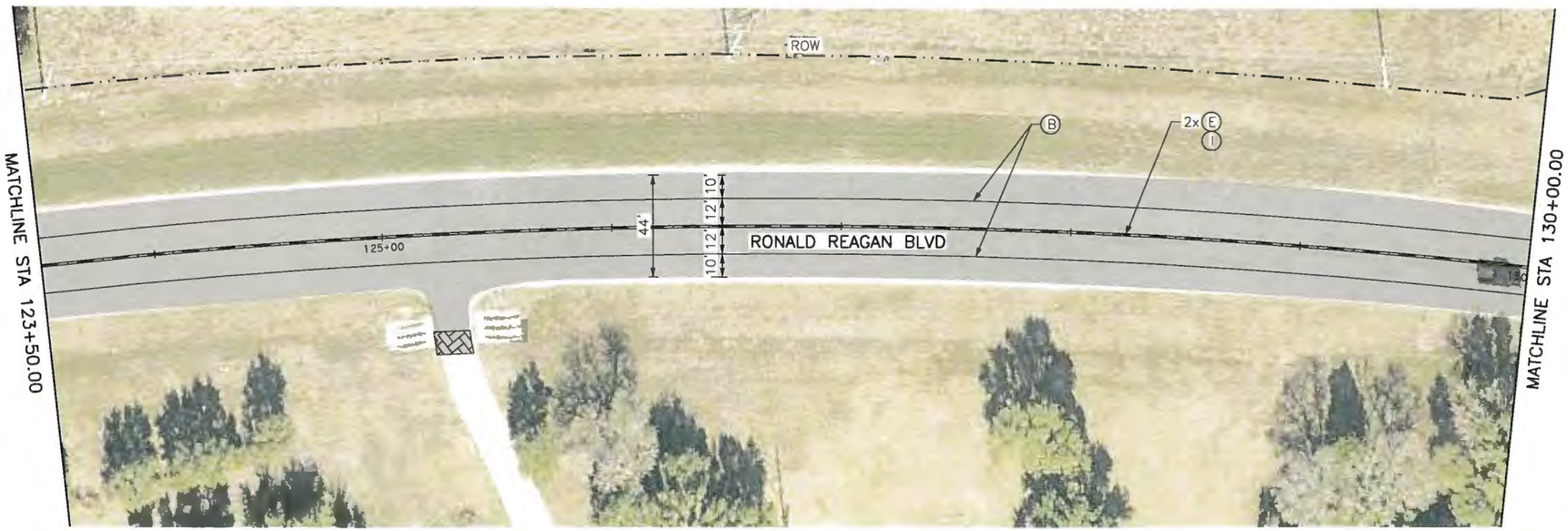
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SHEET NO. 13

sheet9.dgn 5/29/2018 11:42:51 AM





30 15 0 30 60
SCALE FEET

LEGEND

UNDER SEAL, OVERLAY 2"

FULL DEPTH

MILLING

LEVEL-UP

EXISTING CONCRETE

- (A) REFL PAV MRK TY I & II (W) 4" (BRK)
- (B) REFL PAV MRK TY I & II (W) 4" (SLD)
- (C) REFL PAV MRK TY I & II (W) 8" (SLD)
- (D) REFL PAV MRK TY I & II (W) 24" (SLD)
- (E) REFL PAV MRK TY I & II (Y) 4" (SLD)
- (F) REFL PAV MRK TY I & II (Y) 24" (SLD)
- (G) REFL PAV MRK TY I & II (W) (ARROW)
- (H) REFL PAV MRK TY I & II (W) (WORD)
- (I) REFL PAV MRKR TY II-A-A
- (J) REFL PAV MRKR TY I-C

NOTES:

1. ALL DIMENSIONS ARE SHOWN TO THE CENTER OF THE DESIGNATED STRIPE.
2. ALL FINAL STRIPING SHALL BE THERMOPLASTIC, TYPE I.
3. REFER TO ATTACHED STANDARD DRAWINGS FOR ADDITIONAL INFORMATION.

STATE OF TEXAS
KON Q. KWAN
90584
LICENSED
PROFESSIONAL ENGINEER
05/31/2018

NO.	REVISION	BY	DATE

WILLIAMSON COUNTY 1848

WILLIAMSON COUNTY DEPT. OF INFRASTRUCTURE

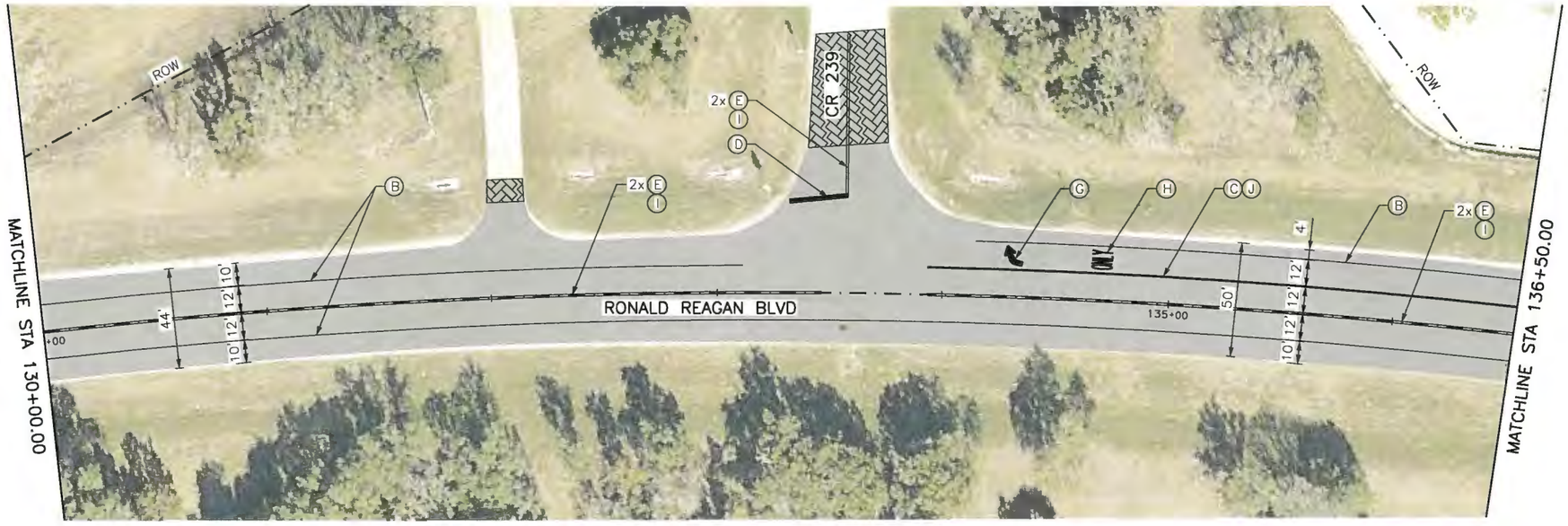
RONALD REAGAN BLVD OVERLAY AND STRIPING PLAN

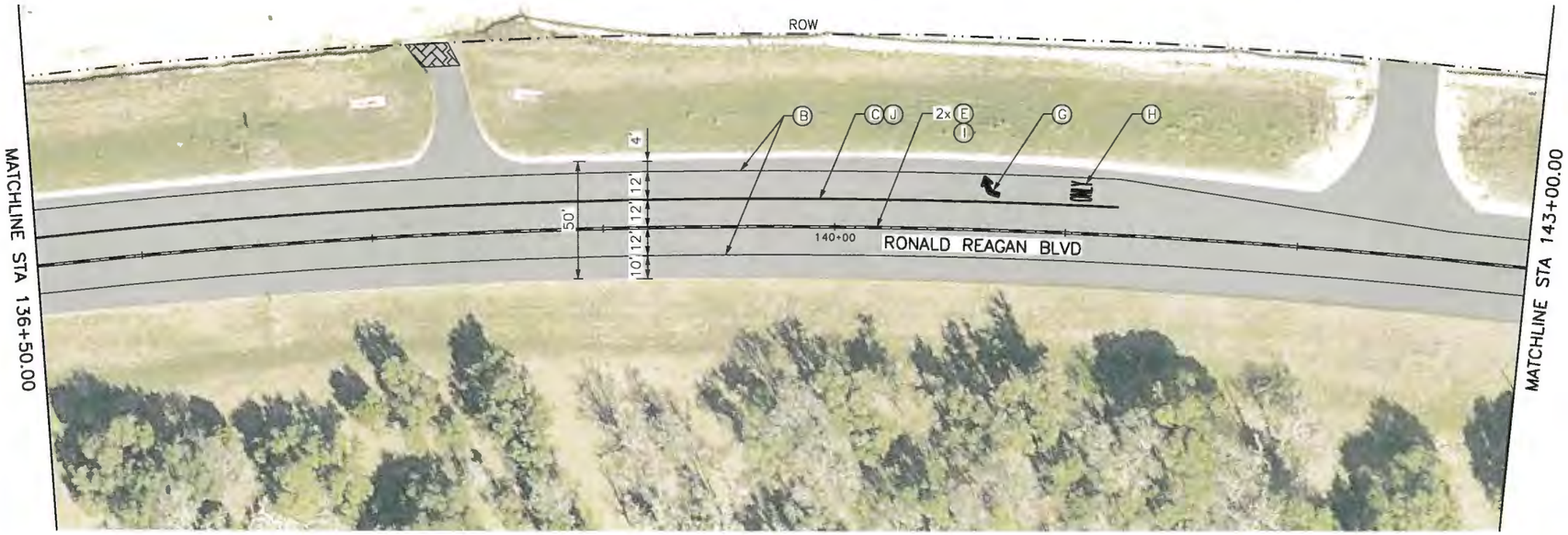
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SHEET NO. 14

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30 15 0 30 60
SCALE FEET

LEGEND

- UNDER SEAL, OVERLAY 2"
- FULL DEPTH
- MILLING
- LEVEL-UP
- EXISTING CONCRETE

- (A) REFL PAV MRK TY I & II (W) 4" (BRK)
- (B) REFL PAV MRK TY I & II (W) 4" (SLD)
- (C) REFL PAV MRK TY I & II (W) 8" (SLD)
- (D) REFL PAV MRK TY I & II (W) 24" (SLD)
- (E) REFL PAV MRK TY I & II (Y) 4" (SLD)
- (F) REFL PAV MRK TY I & II (Y) 24" (SLD)
- (G) REFL PAV MRK TY I & II (W) (ARROW)
- (H) REFL PAV MRK TY I & II (W) (WORD)
- (I) REFL PAV MRKR TY II-A-A
- (J) REFL PAV MRKR TY I-C

NOTES:

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WILLIAMSON COUNTY DEPT. OF INFRASTRUCTURE

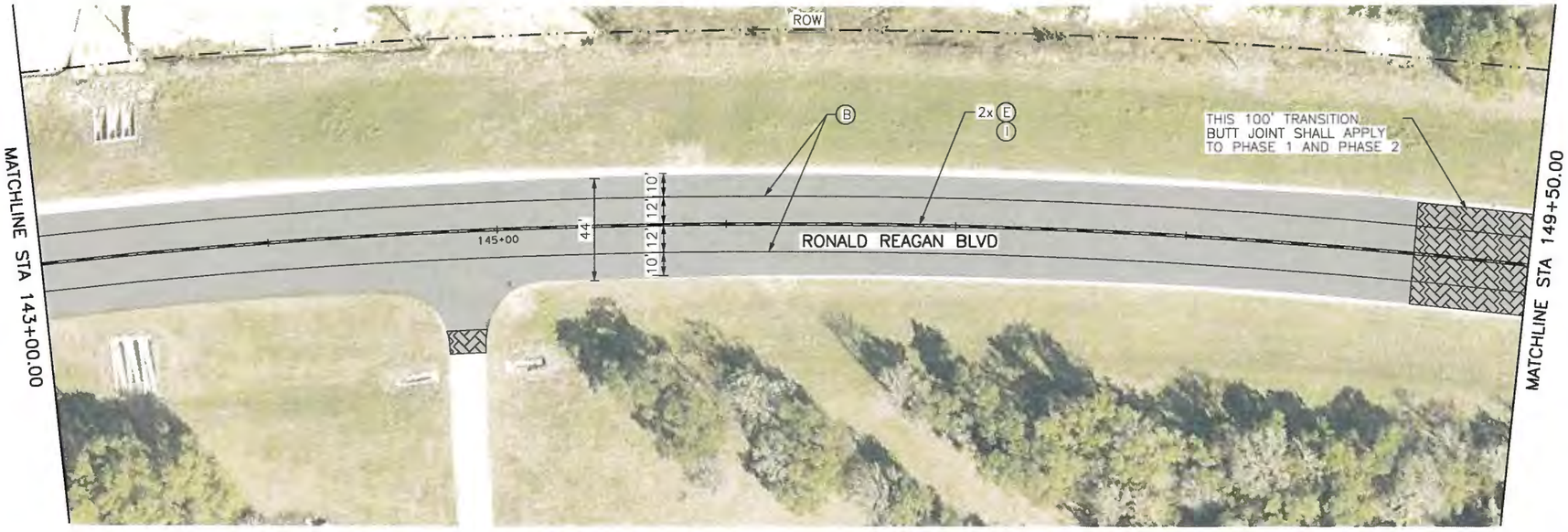
RONALD REAGAN BLVD OVERLAY AND STRIPING PLAN

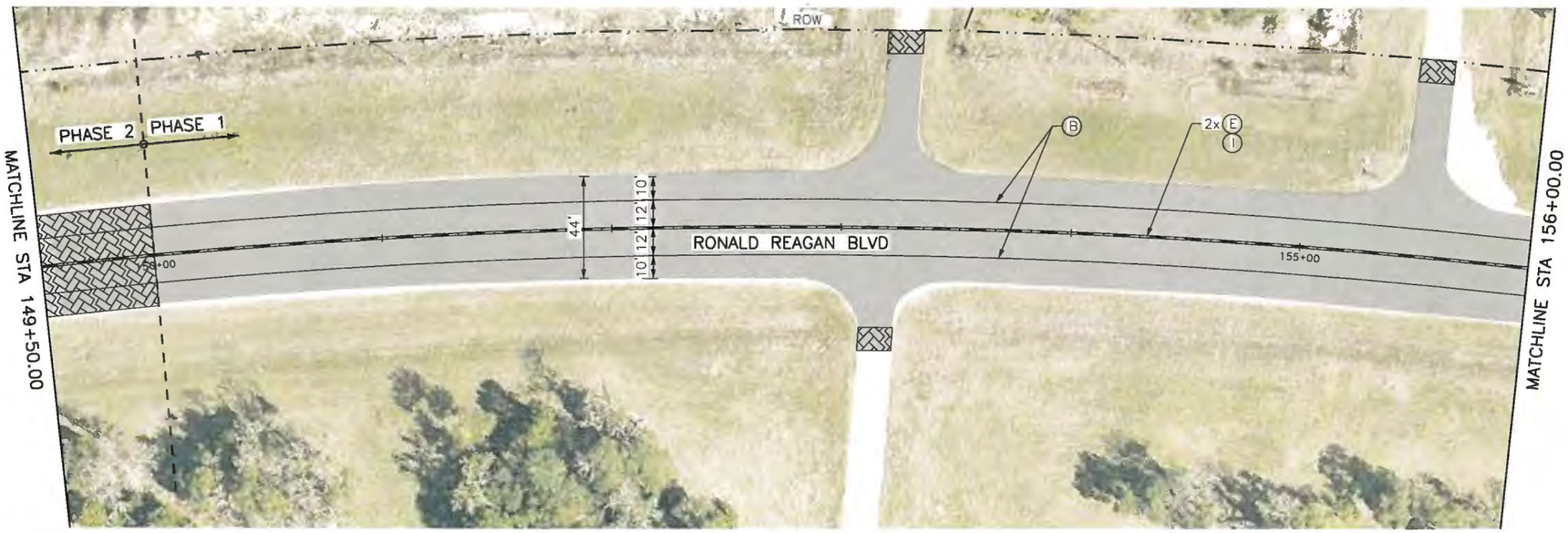
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SHEET NO. 15

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30 15 0 30 60
SCALE FEET

LEGEND

UNDER SEAL, OVERLAY 2"

FULL DEPTH

MILLING

LEVEL-UP

EXISTING CONCRETE

- (A) REFL PAV MRK TY I & II (W) 4" (BRK)
- (B) REFL PAV MRK TY I & II (W) 4" (SLD)
- (C) REFL PAV MRK TY I & II (W) 8" (SLD)
- (D) REFL PAV MRK TY I & II (W) 24" (SLD)
- (E) REFL PAV MRK TY I & II (Y) 4" (SLD)
- (F) REFL PAV MRK TY I & II (Y) 24" (SLD)
- (G) REFL PAV MRK TY I & II (W) (ARROW)
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- (J) REFL PAV MRKR TY I-C

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WILLIAMSON COUNTY DEPT. OF INFRASTRUCTURE

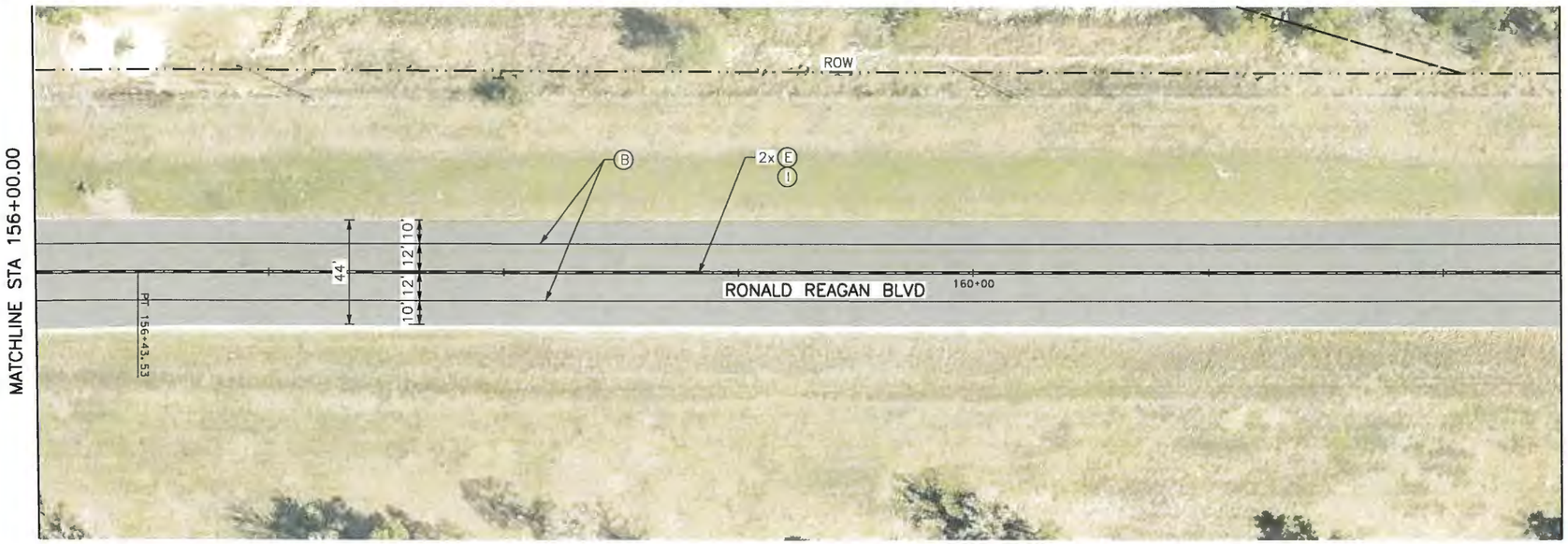
RONALD REAGAN BLVD OVERLAY AND STRIPING PLAN

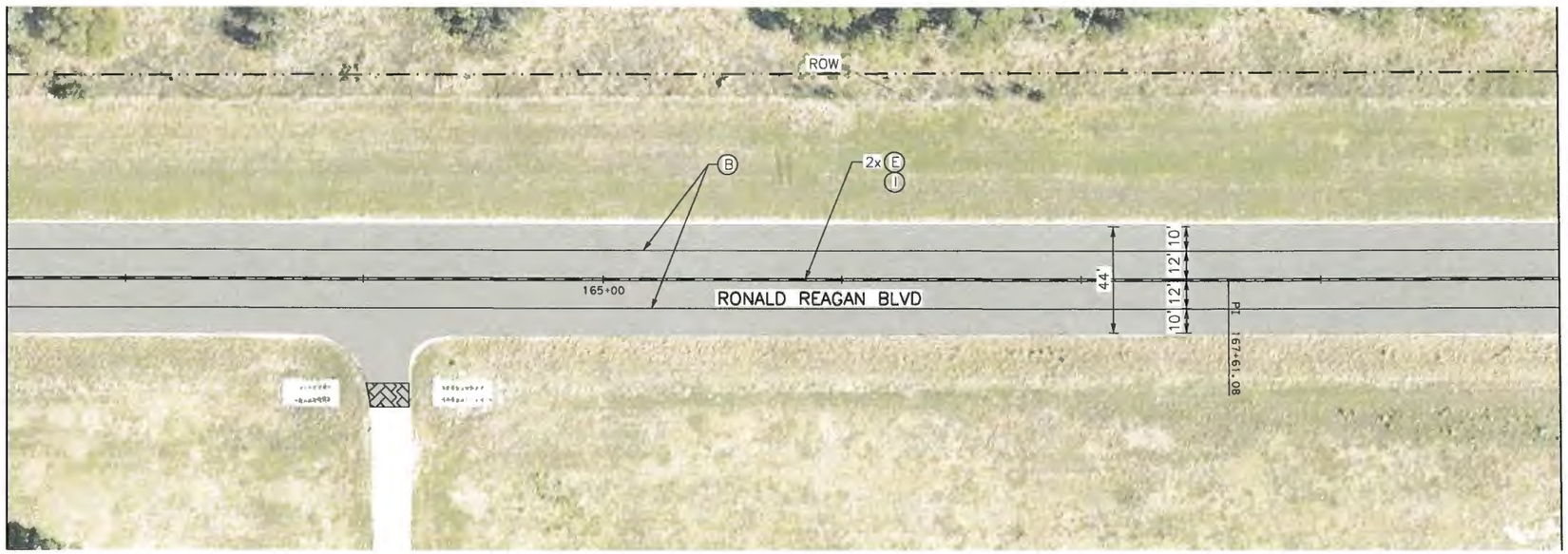
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SHEET NO. 16

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30 15 0 30 60
SCALE FEET

LEGEND

UNDER SEAL, OVERLAY 2"

FULL DEPTH

MILLING

LEVEL-UP

EXISTING CONCRETE

- (A) REFL PAV MRK TY I & II (W) 4" (BRK)
- (B) REFL PAV MRK TY I & II (W) 4" (SLD)
- (C) REFL PAV MRK TY I & II (W) 8" (SLD)
- (D) REFL PAV MRK TY I & II (W) 24" (SLD)
- (E) REFL PAV MRK TY I & II (Y) 4" (SLD)
- (F) REFL PAV MRK TY I & II (Y) 24" (SLD)
- (G) REFL PAV MRK TY I & II (W) (ARROW)
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- (J) REFL PAV MRKR TY I-C

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WILLIAMSON COUNTY DEPT. OF INFRASTRUCTURE

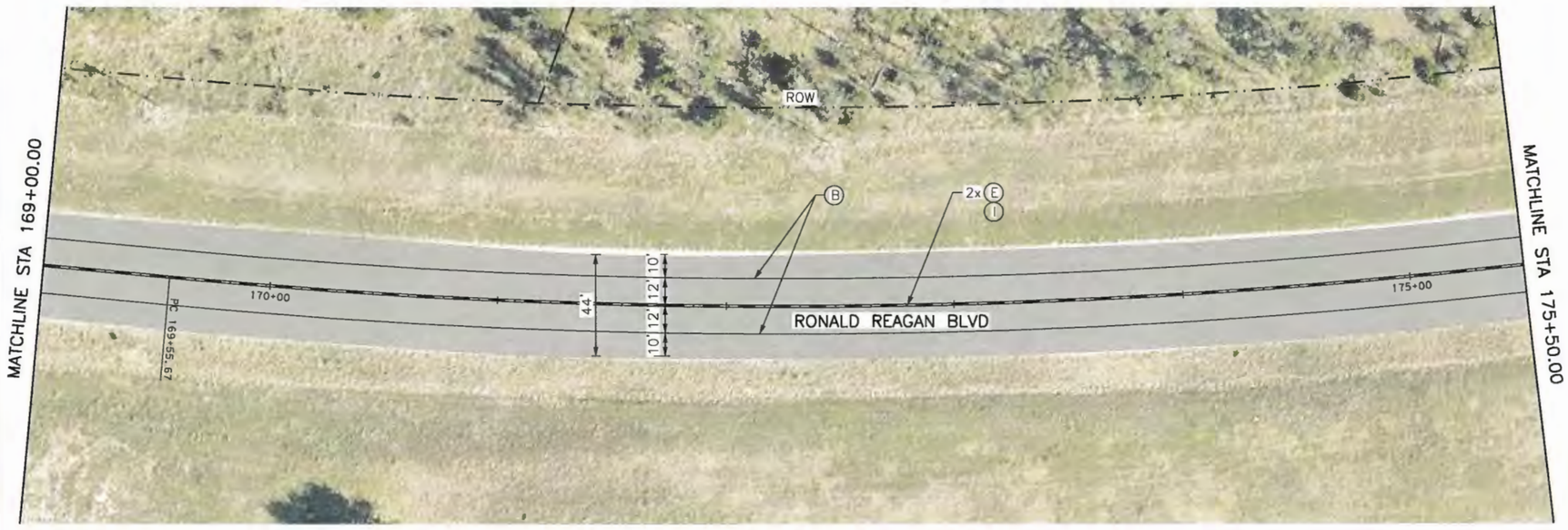
RONALD REAGAN BLVD OVERLAY AND STRIPING PLAN

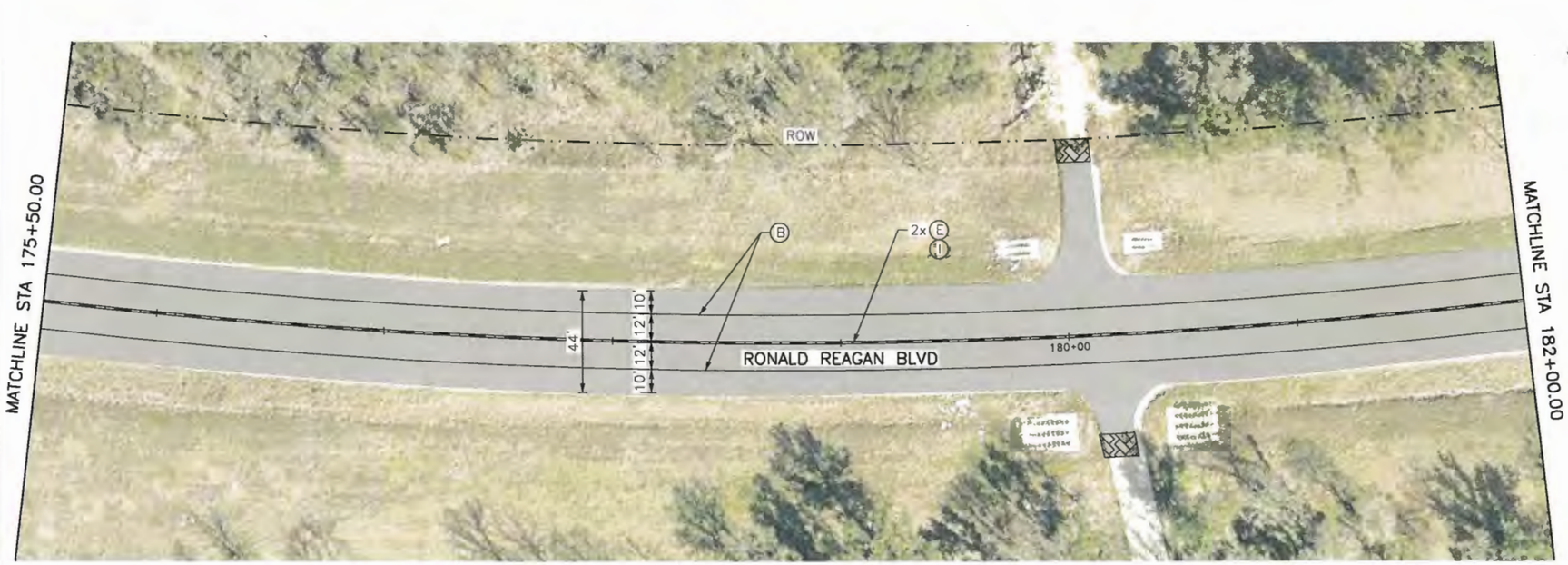
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SHEET NO. 17

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30 15 0 30 60
SCALE FEET

LEGEND

UNDER SEAL, OVERLAY 2"

FULL DEPTH

MILLING

LEVEL-UP

EXISTING CONCRETE

- (A) REFL PAV MRK TY I & II (W) 4" (BRK)
- (B) REFL PAV MRK TY I & II (W) 4" (SLD)
- (C) REFL PAV MRK TY I & II (W) 8" (SLD)
- (D) REFL PAV MRK TY I & II (W) 24" (SLD)
- (E) REFL PAV MRK TY I & II (Y) 4" (SLD)
- (F) REFL PAV MRK TY I & II (Y) 24" (SLD)
- (G) REFL PAV MRK TY I & II (W) (ARROW)
- (H) REFL PAV MRK TY I & II (W) (WORD)
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- (J) REFL PAV MRKR TY I-C

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WILLIAMSON COUNTY 1848
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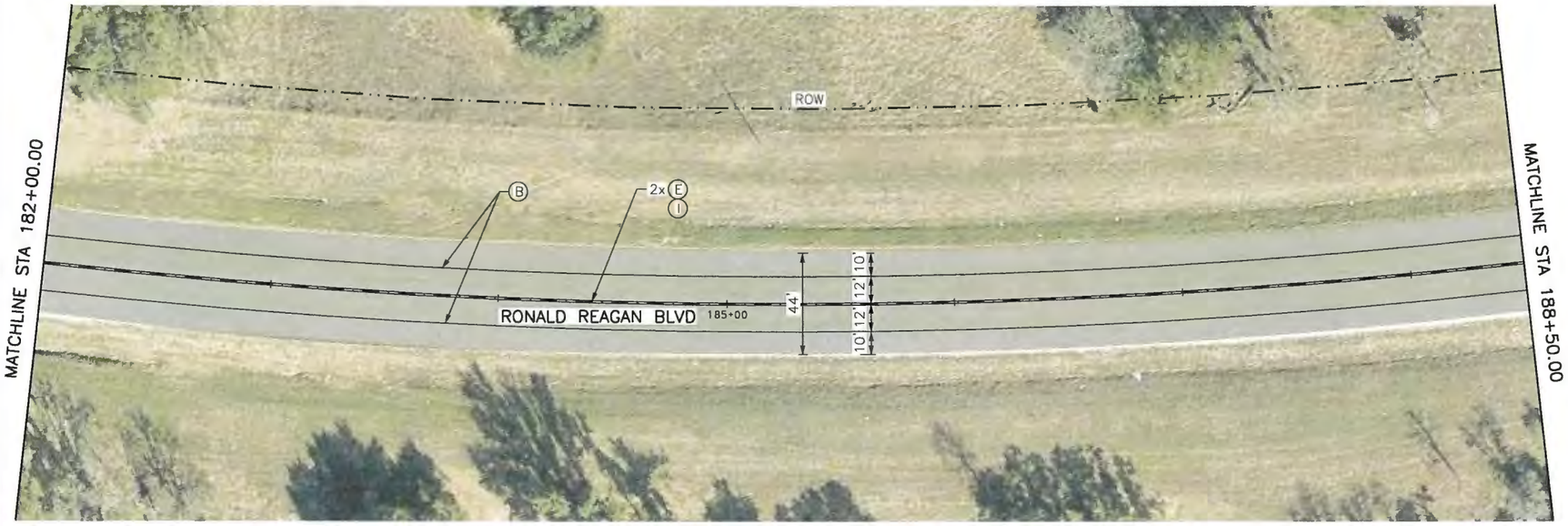
RONALD REAGAN BLVD OVERLAY AND STRIPING PLAN

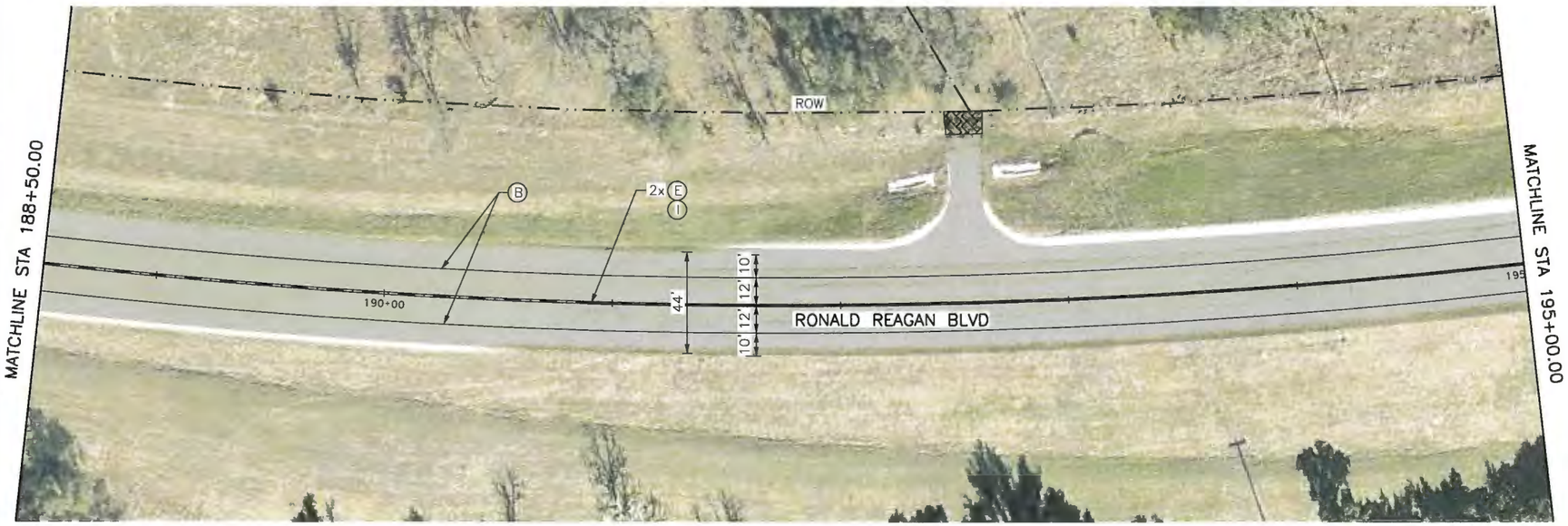
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SHEET NO. 18

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30 15 0 30 60
SCALE FEET

LEGEND

UNDER SEAL, OVERLAY 2"

FULL DEPTH

MILLING

LEVEL-UP

EXISTING CONCRETE

- (A) REFL PAV MRK TY I & II (W) 4" (BRK)
- (B) REFL PAV MRK TY I & II (W) 4" (SLD)
- (C) REFL PAV MRK TY I & II (W) 8" (SLD)
- (D) REFL PAV MRK TY I & II (W) 24" (SLD)
- (E) REFL PAV MRK TY I & II (Y) 4" (SLD)
- (F) REFL PAV MRK TY I & II (Y) 24" (SLD)
- (G) REFL PAV MRK TY I & II (W) (ARROW)
- (H) REFL PAV MRK TY I & II (W) (WORD)
- (I) REFL PAV MRKR TY II-A-A
- (J) REFL PAV MRKR TY I-C

NOTES:

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WILLIAMSON COUNTY 1848

WILLIAMSON COUNTY DEPT. OF INFRASTRUCTURE

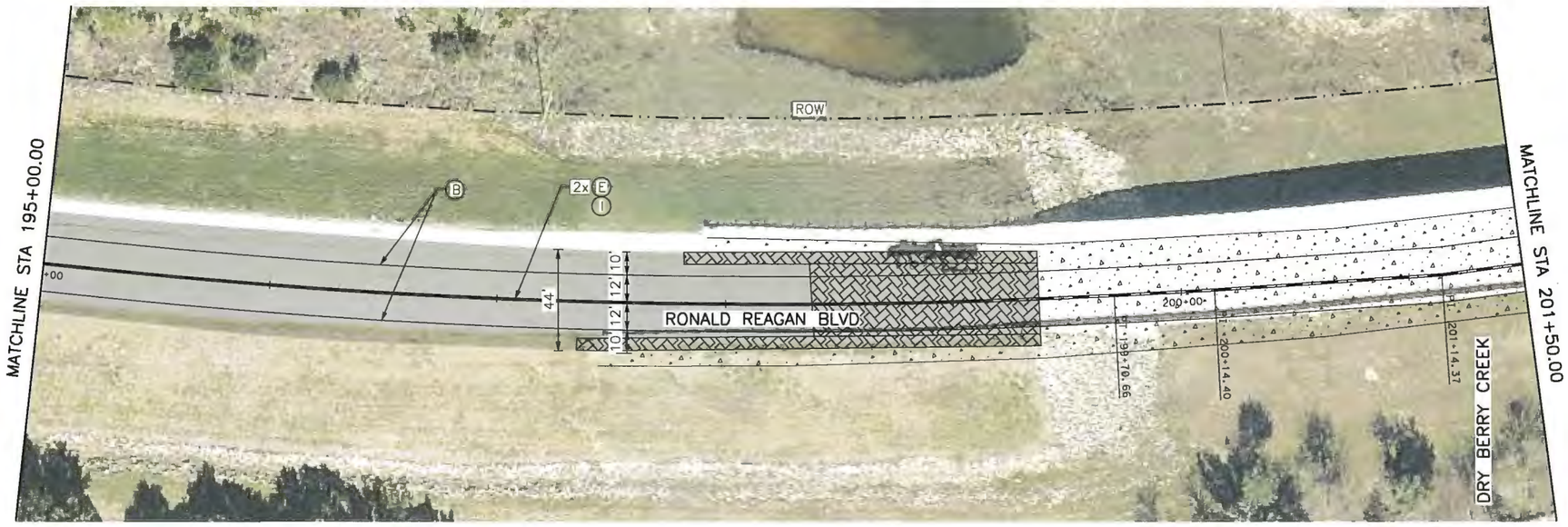
RONALD REAGAN BLVD OVERLAY AND STRIPING PLAN

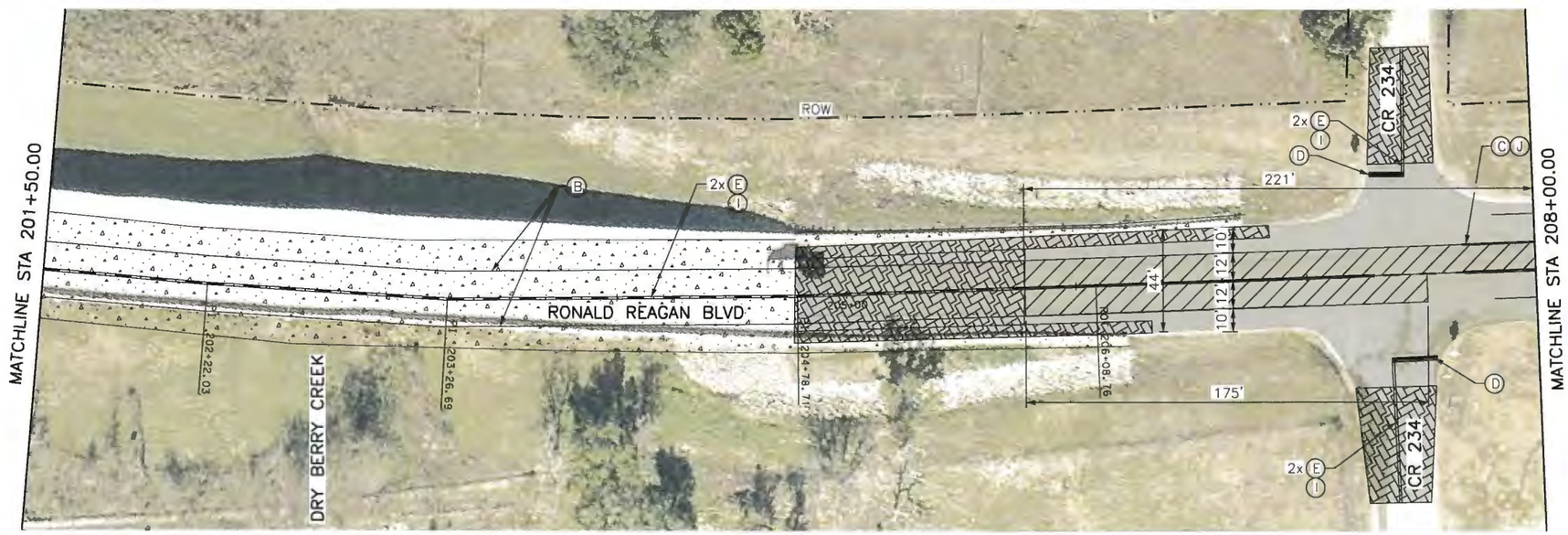
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SHEET NO. 19

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30 15 0 30 60
SCALE FEET

N

LEGEND

UNDER SEAL, OVERLAY 2"

FULL DEPTH

MILLING

LEVEL-UP

EXISTING CONCRETE

- (A) REFL PAV MRK TY I & II (W) 4" (BRK)
- (B) REFL PAV MRK TY I & II (W) 4" (SLD)
- (C) REFL PAV MRK TY I & II (W) 8" (SLD)
- (D) REFL PAV MRK TY I & II (W) 24" (SLD)
- (E) REFL PAV MRK TY I & II (Y) 4" (SLD)
- (F) REFL PAV MRK TY I & II (Y) 24" (SLD)
- (G) REFL PAV MRK TY I & II (W) (ARROW)
- (H) REFL PAV MRK TY I & II (W) (WORD)
- (I) REFL PAV MRKR TY II-A-A
- (J) REFL PAV MRKR TY I-C

NOTES:

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WILLIAMSON COUNTY
1848
WILLIAMSON COUNTY DEPT. OF INFRASTRUCTURE

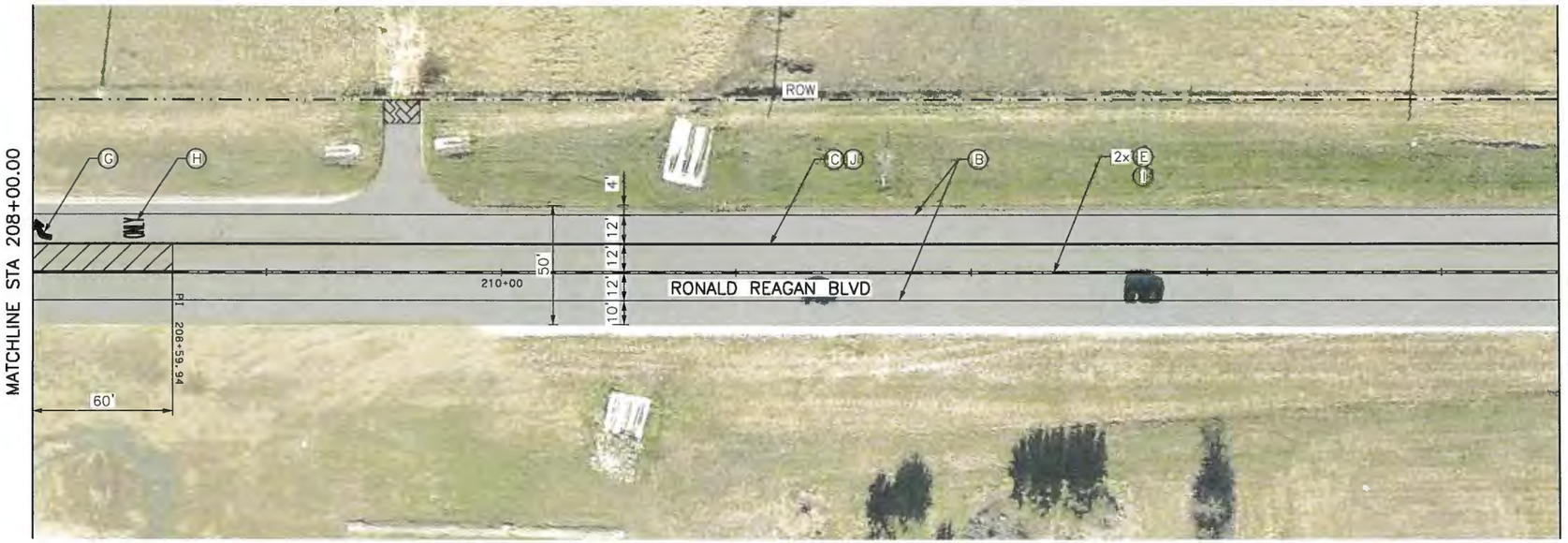
RONALD REAGAN BLVD OVERLAY AND STRIPING PLAN

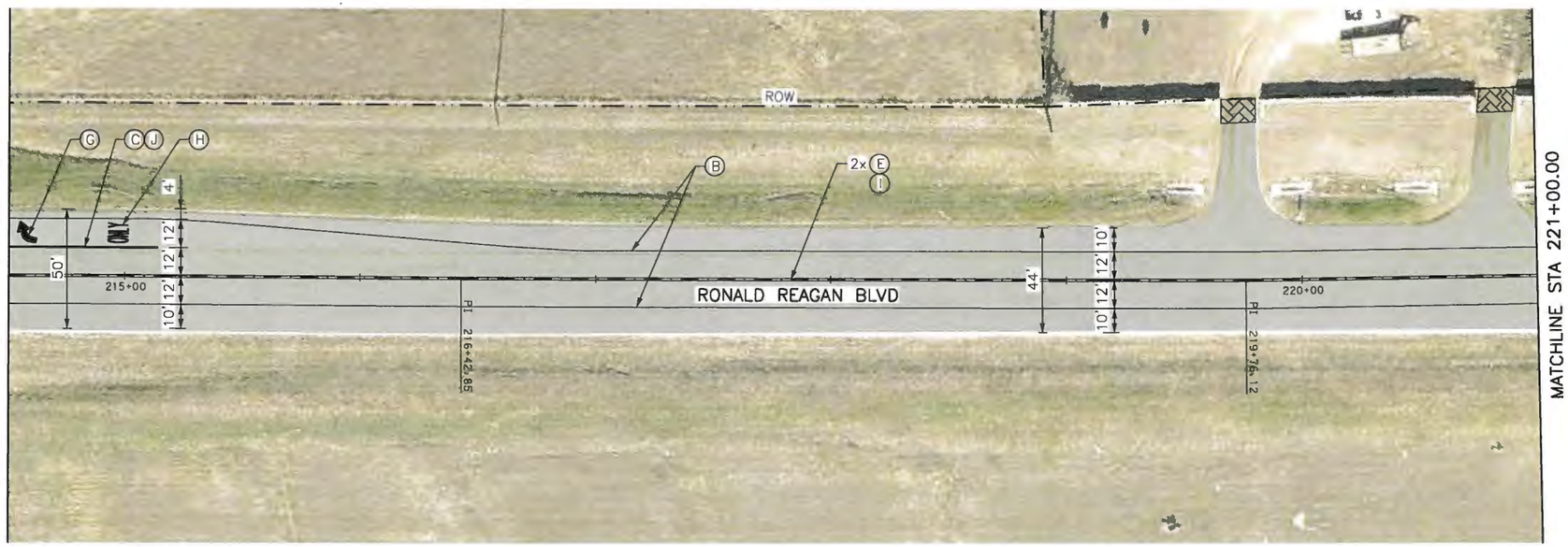
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SHEET NO. 20

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30 15 0 30 60
SCALE FEET

LEGEND

UNDER SEAL, OVERLAY 2"

FULL DEPTH

MILLING

LEVEL-UP

EXISTING CONCRETE

- (A) REFL PAV MRK TY I & II (W) 4" (BRK)
- (B) REFL PAV MRK TY I & II (W) 4" (SLD)
- (C) REFL PAV MRK TY I & II (W) 8" (SLD)
- (D) REFL PAV MRK TY I & II (W) 24" (SLD)
- (E) REFL PAV MRK TY I & II (Y) 4" (SLD)
- (F) REFL PAV MRK TY I & II (Y) 24" (SLD)
- (G) REFL PAV MRK TY I & II (W) (ARROW)
- (H) REFL PAV MRK TY I & II (W) (WORD)
- (I) REFL PAV MRKR TY II-A-A
- (J) REFL PAV MRKR TY I-C

NOTES:

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WILLIAMSON COUNTY 1848

WILLIAMSON COUNTY DEPT. OF INFRASTRUCTURE

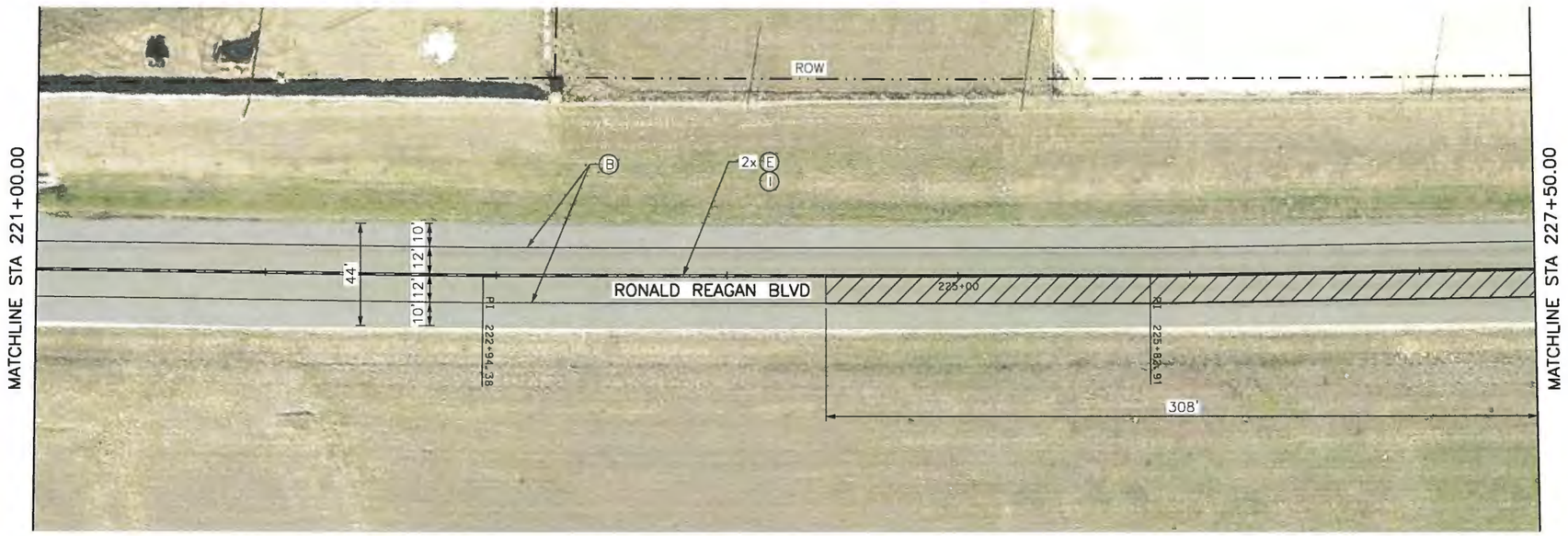
RONALD REAGAN BLVD OVERLAY AND STRIPING PLAN

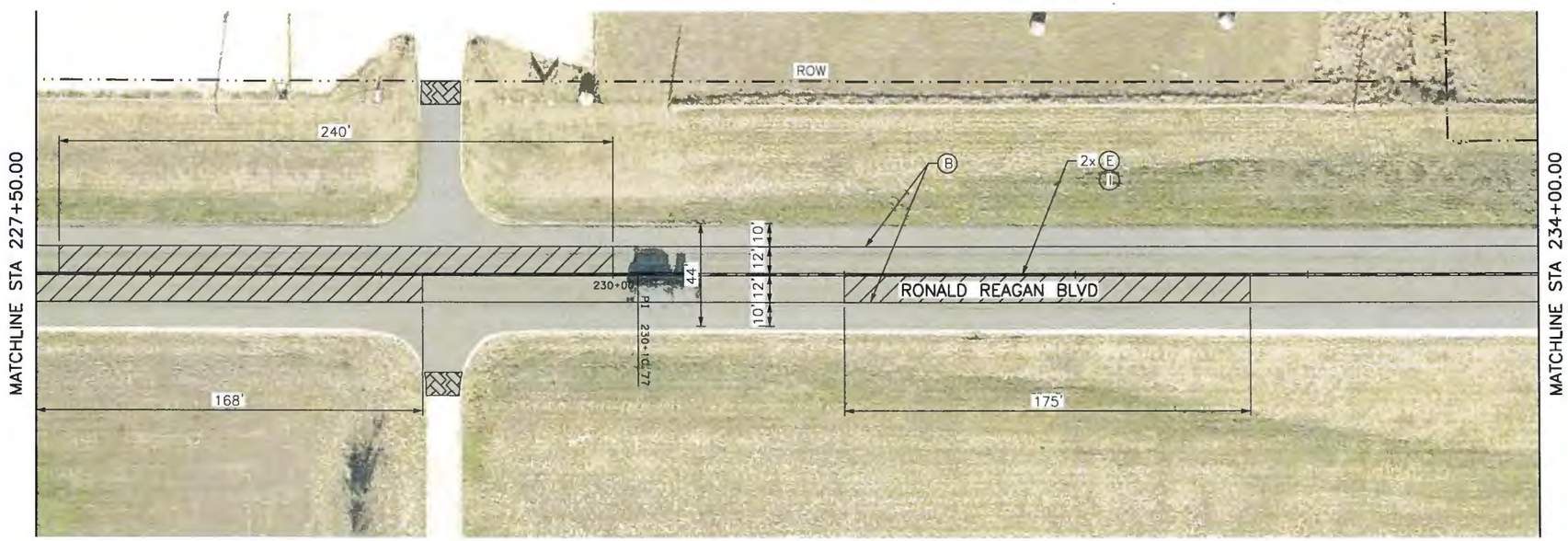
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SHEET NO. 21

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30 15 0 30 60
SCALE FEET

LEGEND

UNDER SEAL, OVERLAY 2"

FULL DEPTH

MILLING

LEVEL-UP

EXISTING CONCRETE

- (A) REFL PAV MRK TY I & II (W) 4" (BRK)
- (B) REFL PAV MRK TY I & II (W) 4" (SLD)
- (C) REFL PAV MRK TY I & II (W) 8" (SLD)
- (D) REFL PAV MRK TY I & II (W) 24" (SLD)
- (E) REFL PAV MRK TY I & II (Y) 4" (SLD)
- (F) REFL PAV MRK TY I & II (Y) 24" (SLD)
- (G) REFL PAV MRK TY I & II (W) (ARROW)
- (H) REFL PAV MRK TY I & II (W) (WORD)
- (I) REFL PAV MRKR TY II-A-A
- (J) REFL PAV MRKR TY I-C

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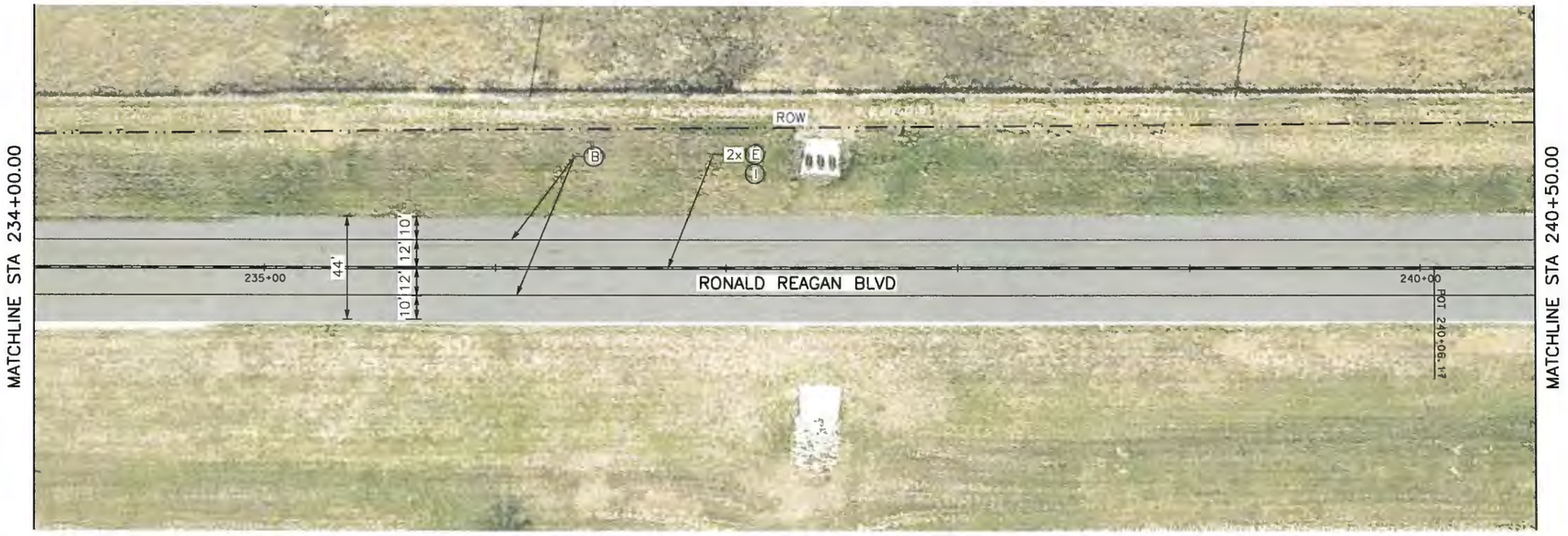
RONALD REAGAN BLVD OVERLAY AND STRIPING PLAN

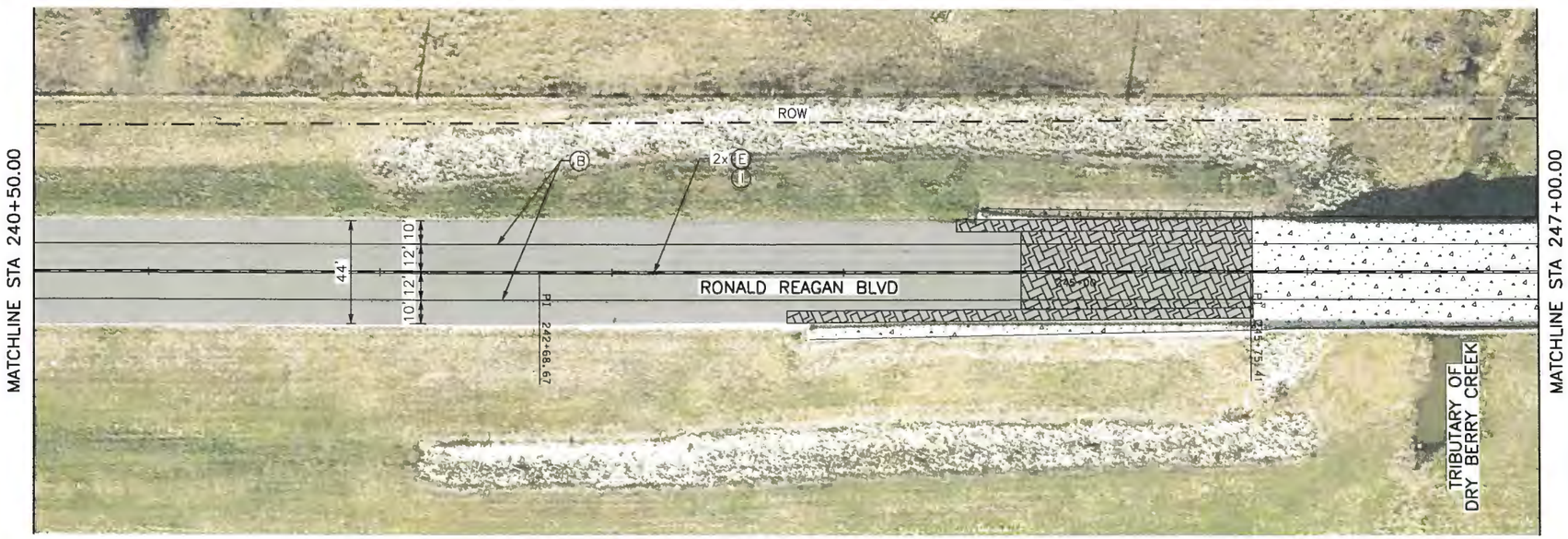
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SHEET NO. 22

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30 15 0 30 60
SCALE FEET

N

LEGEND

UNDER SEAL, OVERLAY 2"

FULL DEPTH

MILLING

LEVEL-UP

EXISTING CONCRETE

- (A) REFL PAV MRK TY I & II (W) 4" (BRK)
- (B) REFL PAV MRK TY I & II (W) 4" (SLD)
- (C) REFL PAV MRK TY I & II (W) 8" (SLD)
- (D) REFL PAV MRK TY I & II (W) 24" (SLD)
- (E) REFL PAV MRK TY I & II (Y) 4" (SLD)
- (F) REFL PAV MRK TY I & II (Y) 24" (SLD)
- (G) REFL PAV MRK TY I & II (W) (ARROW)
- (H) REFL PAV MRK TY I & II (W) (WORD)
- (I) REFL PAV MRKR TY II-A-A
- (J) REFL PAV MRKR TY I-C

NOTES:

1. ALL DIMENSIONS ARE SHOWN TO THE CENTER OF THE DESIGNATED STRIPE.
2. ALL FINAL STRIPING SHALL BE THERMOPLASTIC, TYPE I.
3. REFER TO ATTACHED STANDARD DRAWINGS FOR ADDITIONAL INFORMATION.

STATE OF TEXAS
KON Q. KWAN
90584
LICENSED
PROFESSIONAL ENGINEER
05/31/2018

NO.	REVISION	BY	DATE

WILLIAMSON COUNTY 1848

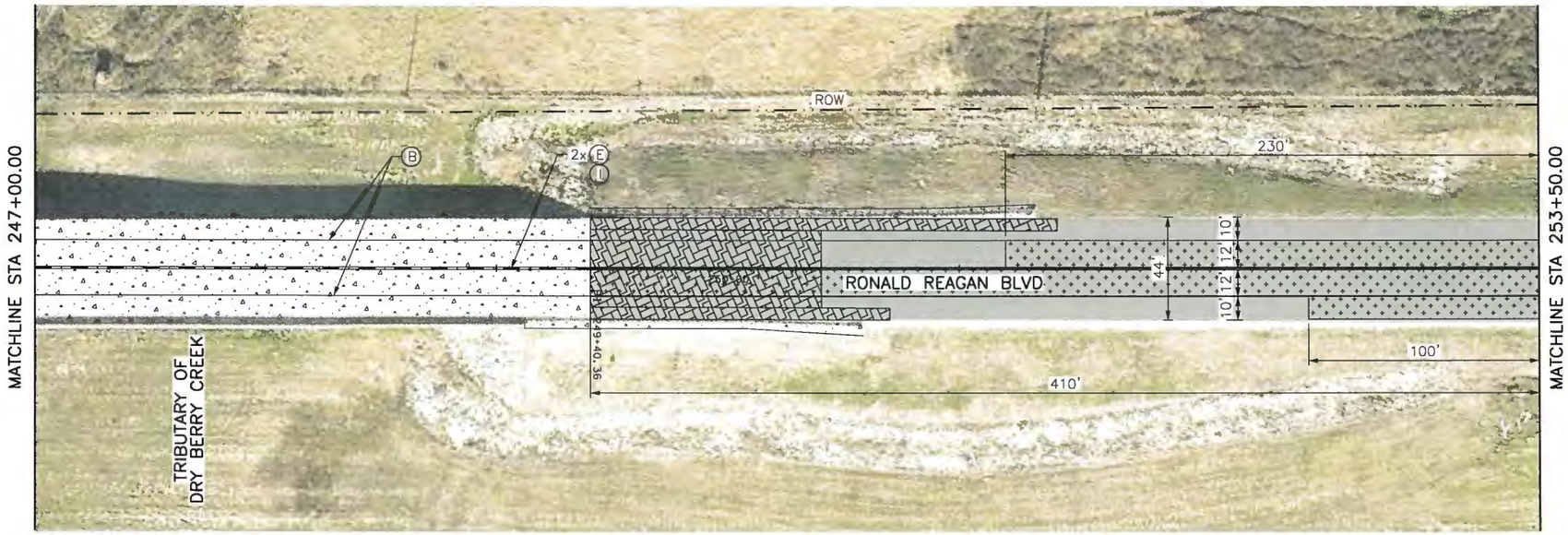
WILLIAMSON COUNTY DEPT. OF INFRASTRUCTURE

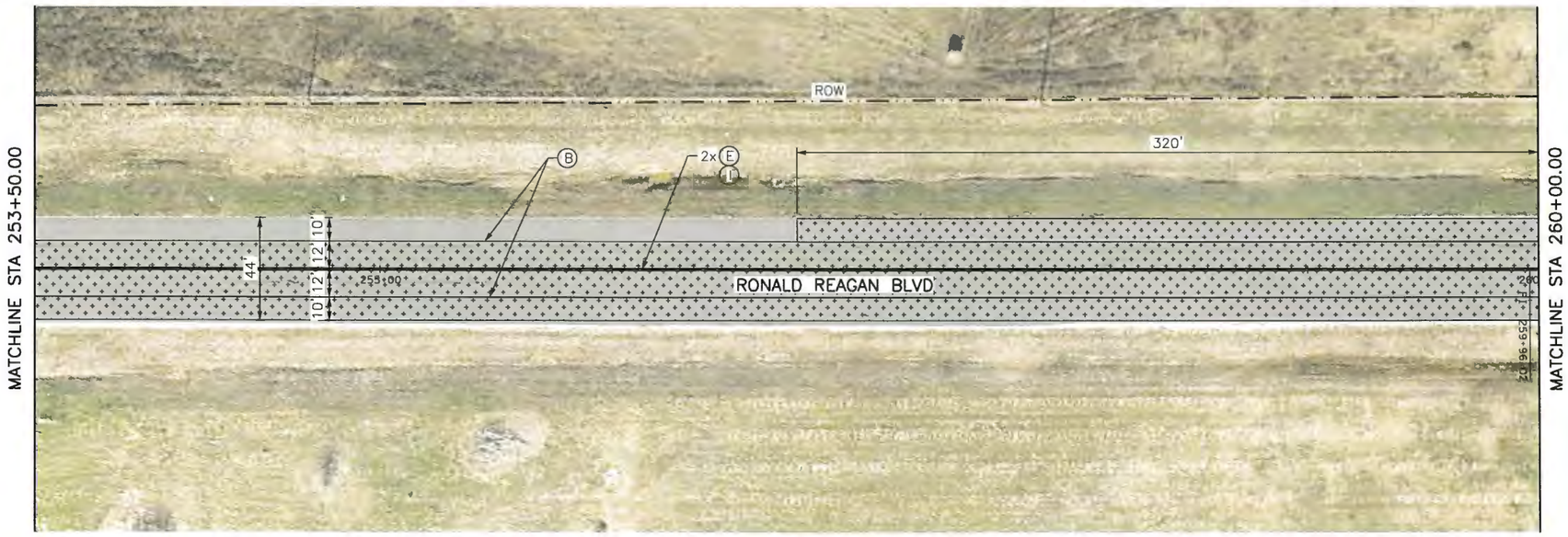
RONALD REAGAN BLVD OVERLAY AND STRIPING PLAN

Designed:	AHB
Checked:	KQK
Drawn:	AHB
Checked:	KQK

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SHEET NO. 23





30 15 0 30 60
SCALE FEET

LEGEND

UNDER SEAL, OVERLAY 2"

FULL DEPTH

MILLING

LEVEL-UP

EXISTING CONCRETE

- (A) REFL PAV MRK TY I & II (W) 4" (BRK)
- (B) REFL PAV MRK TY I & II (W) 4" (SLD)
- (C) REFL PAV MRK TY I & II (W) 8" (SLD)
- (D) REFL PAV MRK TY I & II (W) 24" (SLD)
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1848

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RONALD REAGAN BLVD OVERLAY AND STRIPING PLAN

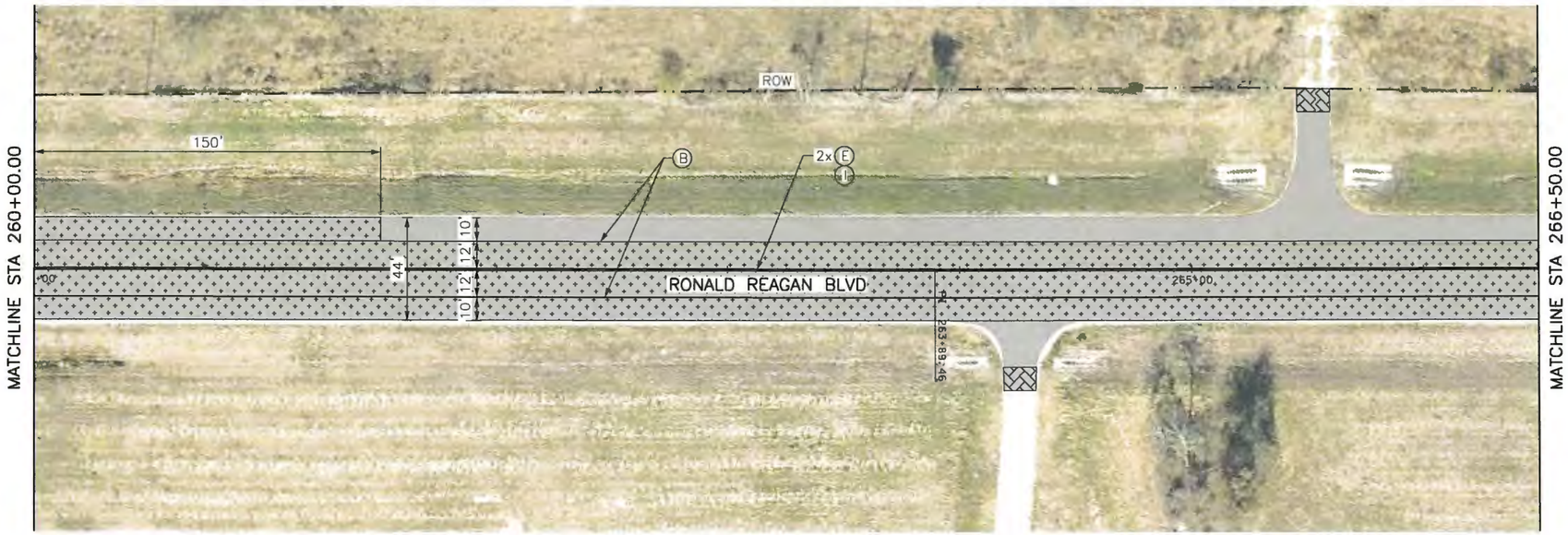
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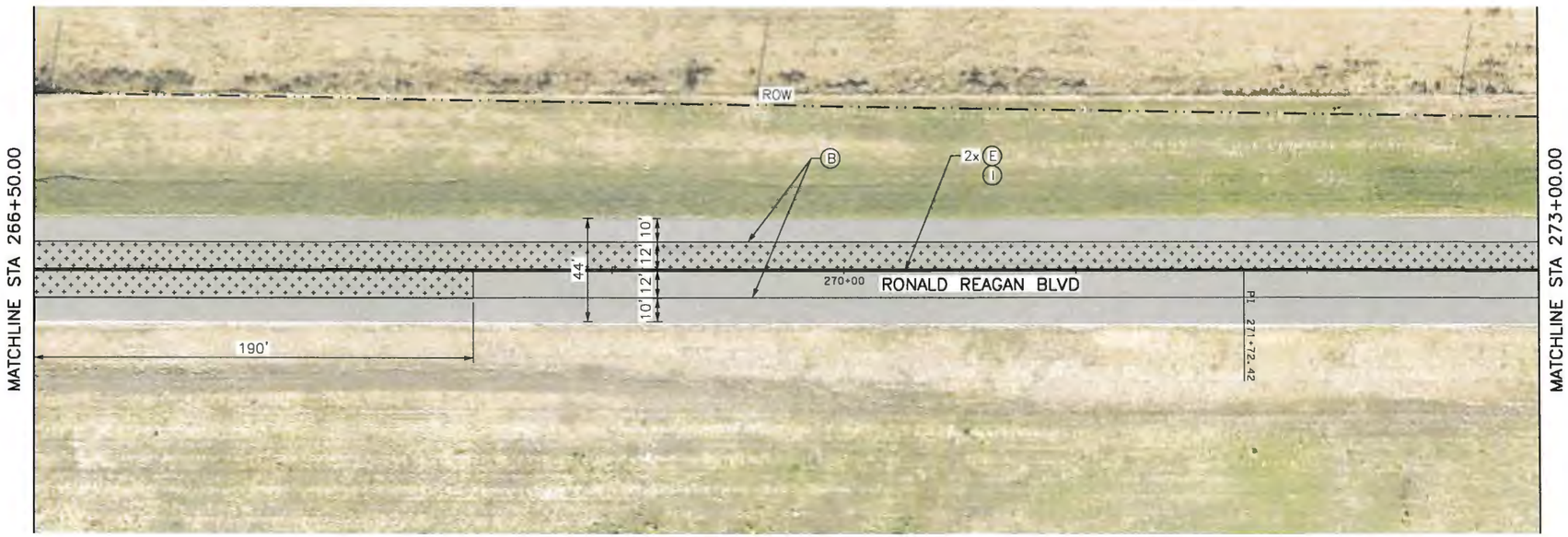
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SHEET NO. 24

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30 15 0 30 60
SCALE FEET

LEGEND

UNDER SEAL, OVERLAY 2"

FULL DEPTH

MILLING

LEVEL-UP

EXISTING CONCRETE

- (A) REFL PAV MRK TY I & II (W) 4" (BRK)
- (B) REFL PAV MRK TY I & II (W) 4" (SLD)
- (C) REFL PAV MRK TY I & II (W) 8" (SLD)
- (D) REFL PAV MRK TY I & II (W) 24" (SLD)
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- (F) REFL PAV MRK TY I & II (Y) 24" (SLD)
- (G) REFL PAV MRK TY I & II (W) (ARROW)
- (H) REFL PAV MRK TY I & II (W) (WORD)
- (I) REFL PAV MRKR TY II-A-A
- (J) REFL PAV MRKR TY I-C

NOTES:

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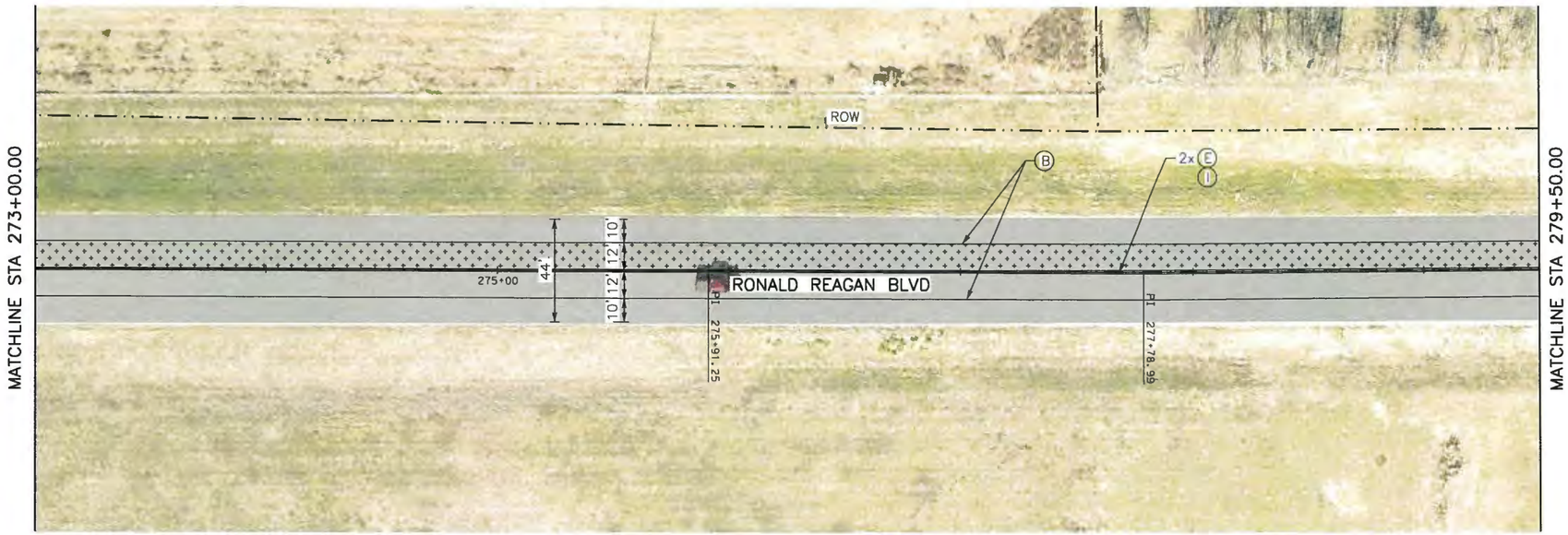
RONALD REAGAN BLVD OVERLAY AND STRIPING PLAN

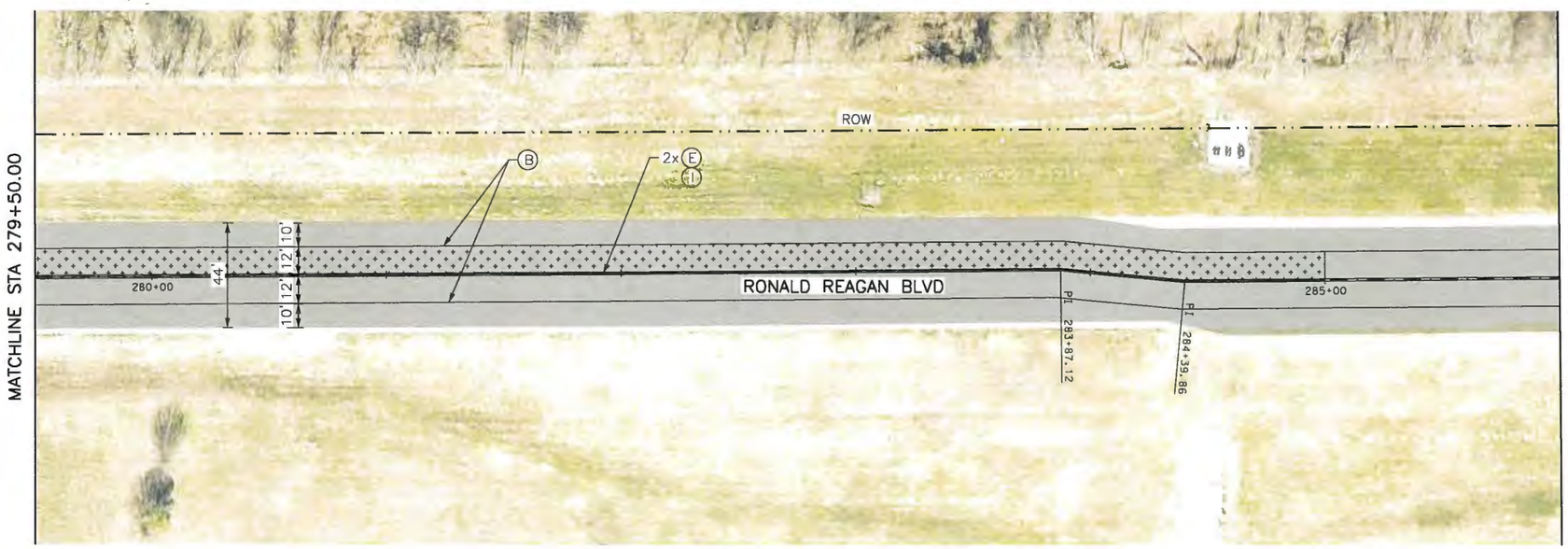
Designed:	AHB
Checked:	KQK
Drawn:	AHB
Checked:	KQK

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SHEET NO. 25

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30 15 0 30 60
SCALE FEET

LEGEND

UNDER SEAL, OVERLAY 2"

FULL DEPTH

MILLING

LEVEL-UP

EXISTING CONCRETE

- (A) REFL PAV MRK TY I & II (W) 4" (BRK)
- (B) REFL PAV MRK TY I & II (W) 4" (SLD)
- (C) REFL PAV MRK TY I & II (W) 8" (SLD)
- (D) REFL PAV MRK TY I & II (W) 24" (SLD)
- (E) REFL PAV MRK TY I & II (Y) 4" (SLD)
- (F) REFL PAV MRK TY I & II (Y) 24" (SLD)
- (G) REFL PAV MRK TY I & II (W) (ARROW)
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- (J) REFL PAV MRKR TY I-C

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WILLIAMSON COUNTY DEPT. OF INFRASTRUCTURE

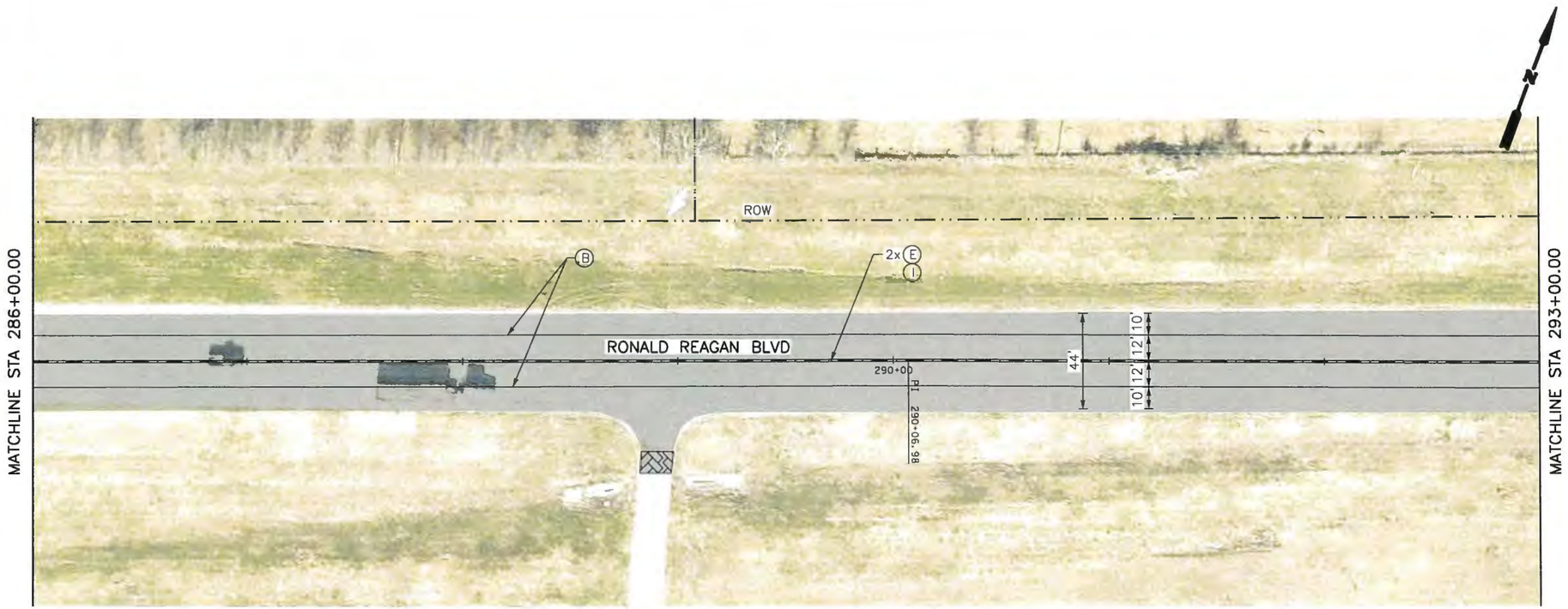
RONALD REAGAN BLVD OVERLAY AND STRIPING PLAN

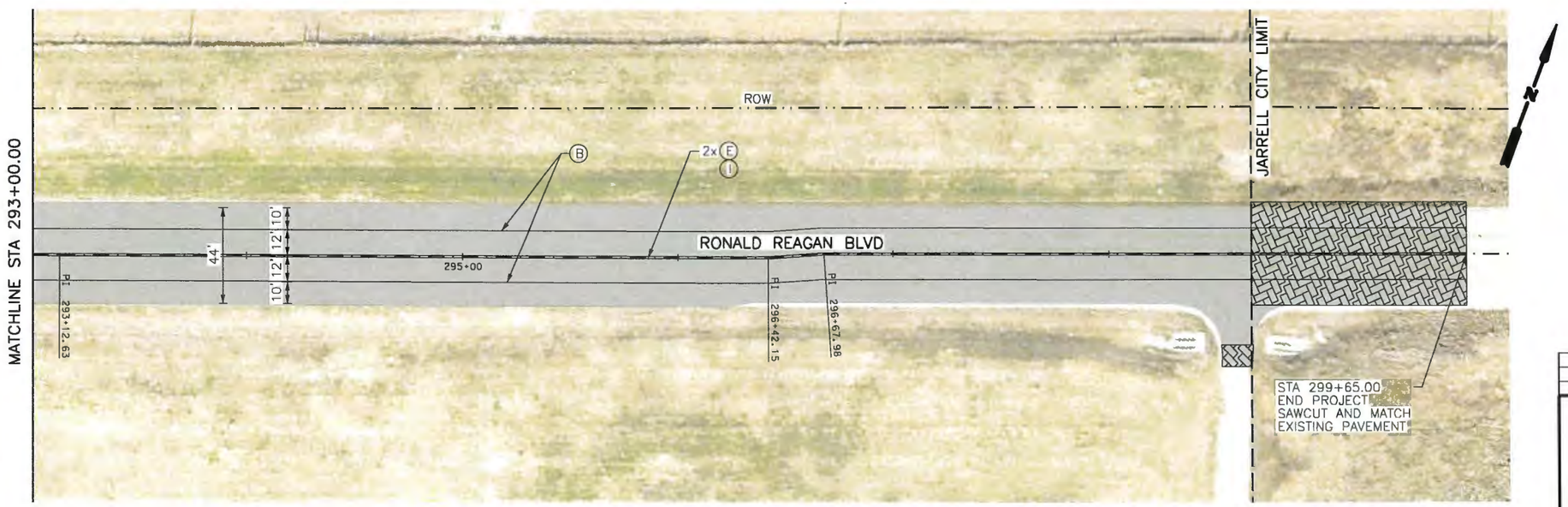
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SHEET NO. 26

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30 15 0 30 60
SCALE FEET

LEGEND

UNDER SEAL, OVERLAY 2"

FULL DEPTH

MILLING

LEVEL-UP

EXISTING CONCRETE

- (A) REFL PAV MRK TY I & II (W) 4" (BRK)
- (B) REFL PAV MRK TY I & II (W) 4" (SLD)
- (C) REFL PAV MRK TY I & II (W) 8" (SLD)
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- (J) REFL PAV MRKR TY I-C

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90584
LICENSED PROFESSIONAL ENGINEER
05/31/2018

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WILLIAMSON COUNTY 1848

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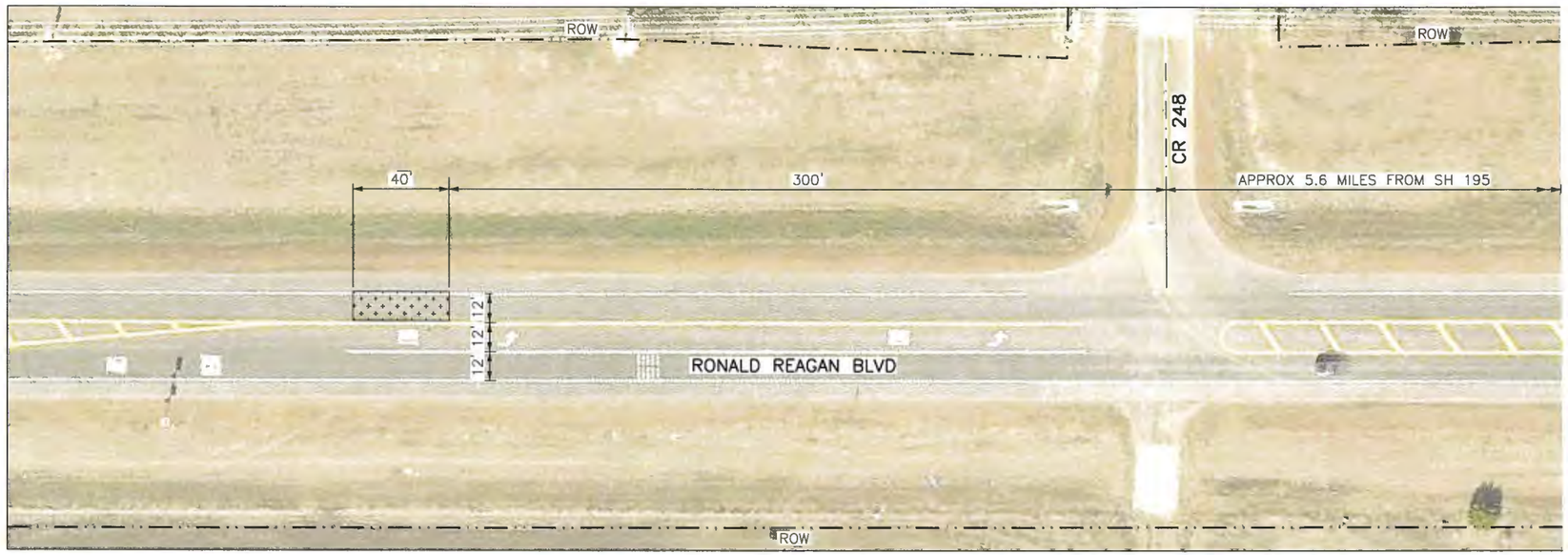
RONALD REAGAN BLVD OVERLAY AND STRIPING PLAN

Designed:	AHB
Checked:	KQK
Drawn:	AHB
Checked:	KQK

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SHEET NO. 27

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30 15 0 30 60
SCALE FEET

LEGEND

UNDER SEAL, OVERLAY 2"

FULL DEPTH

MILLING

LEVEL-UP

EXISTING CONCRETE

- (A) REFL PAV MRK TY I & II (W) 4" (BRK)
- (B) REFL PAV MRK TY I & II (W) 4" (SLD)
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- (I) REFL PAV MRKR TY II-A-A
- (J) REFL PAV MRKR TY I-C

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WILLIAMSON COUNTY 1848

WILLIAMSON COUNTY DEPT. OF INFRASTRUCTURE

RONALD REAGAN BLVD OVERLAY AND STRIPING PLAN

Designed:	AHB
Checked:	KQK
Drawn:	AHB
Checked:	KQK

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SHEET NO. 28

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BARRICADE AND CONSTRUCTION (BC) STANDARD SHEETS GENERAL NOTES:

1. The Barricade and Construction Standard Sheets (BC sheets) are intended to show typical examples for placement of temporary traffic control devices, construction pavement markings, and typical work zone signs. The information contained in these sheets meet or exceed the requirements shown in the "Texas Manual on Uniform Traffic Control Devices" (TMUTCD).

2. The development and design of the Traffic Control Plan (TCP) is the responsibility of the Engineer.

3. The Contractor may propose changes to the TCP that are signed and sealed by a licensed professional engineer for approval. The Engineer may develop, sign and seal Contractor proposed changes.

4. The Contractor is responsible for installing and maintaining the traffic control devices as shown in the plans. The Contractor may not move or change the appraximate location of any device without the approval of the Engineer.

5. Geometric design of lane shifts and detours should, when possible, meet the applicable design criteria contained in manuals such as the American Association of State Highway and Transportation Officials (AASHTO), "A Policy on Geometric Design of Highways and Streets," the TxDOT "Roadway Design Manual" or engineering judgment.

6. When projects abut, the Engineer(s) may omit the END ROAD WORK, TRAFFIC FINES DOUBLE, and other advance warning signs if the signing would be redundant and the work areas appear continuous to the motorists. If the adjacent project is completed first, the Contractor shall erect the necessary warning signs as shown on these sheets, the TCP sheets or as directed by the Engineer. The BEGIN ROAD WORK NEXT X MILES sign shall be revised to show appropriate work zone distance.

7. The Engineer may require duplicate warning signs on the median side of divided highways where median width will permit and traffic volumes justify the signing.

8. All signs shall be constructed in accordance with the details found in the "Standard Highway Sign Designs for Texas," latest edition. Sign details not shown in this manual shall be shown in the plans or the Engineer shall provide a detail to the Contractor before the sign is manufactured.

9. The temporary traffic control devices shown in the illustrations of the BC sheets are examples. As necessary, the Engineer will determine the most appropriate traffic control devices to be used.

10. As shown on BC(2), the OBEY WARNING SIGNS STATE LAW sign, STAY ALERT TALK OR TEXT LATER (see Sign Detail G20-10T) and the WORK ZONE TRAFFIC FINES DOUBLE sign with plaque shall be erected in advance of the CSJ limits. However, the TRAFFIC FINES DOUBLE sign will not be required on projects consisting solely of mobile operation work, such as striping or milling edgeline rumble strips. The BEGIN ROAD WORK NEXT X MILES, CONTRACTOR and END ROAD WORK signs shall be erected at or near the CSJ limits.

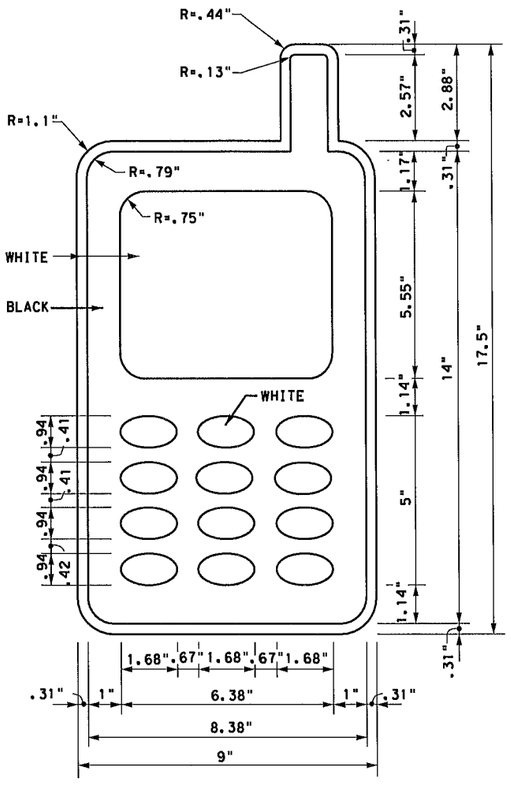
11. Except for devices required by Note 10, traffic control devices should be in place only while work is actually in progress or a definite need exists.

12. The Engineer has the final decision on the location of all traffic control devices.

13. Inactive equipment and work vehicles, including workers' private vehicles must be parked away from travel lanes. They should be as close to the right-of-way line as possible, or located behind a barrier or guardrail, or as approved by the Engineer.

WORKER SAFETY APPAREL NOTES:

1. Workers on foot who are exposed to traffic or to construction equipment within the right-of-way shall wear high-visibility safety apparel meeting the requirements of ISEA "American National Standard for High-Visibility Apparel," or equivalent revisions, and labeled as ANSI 107-2004 standard performance for Class 2 or 3 risk exposure. Class 3 garments should be considered for high traffic volume work areas or night time work.





3.0" Radius, 1.25" Border, 0.75" Indent, Black on Yellow;
[STAY ALERT] Font: D
3.0" Radius, 1.25" Border, 0.75" Indent, Black on Orange;
[TALK OR TEXT LATER] Font: C specified length;

SIGN DETAIL (G20-10T)

Only pre-qualified products shall be used. The "Compliant Work Zone Traffic Control Devices List" (CWZTCD) describes pre-qualified products and their sources and may be found on-line at the web address given below or by contacting:

Texas Department of Transportation
Traffic Operations Division - TE
Phone (512) 416-3118

THE DOCUMENTS BELOW CAN BE FOUND ON-LINE AT http://www.txdot.gov
COMPLIANT WORK ZONE TRAFFIC CONTROL DEVICES LIST (CWZTCD)
DEPARTMENTAL MATERIAL SPECIFICATIONS (DMS)
MATERIAL PRODUCER LIST (MPL)
ROADWAY DESIGN MANUAL - SEE "MANUALS (ONLINE MANUALS)"
STANDARD HIGHWAY SIGN DESIGNS FOR TEXAS (SHSD)
TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (TMUTCD)
TRAFFIC ENGINEERING STANDARD SHEETS

Texas Department of Transportation | Traffic Operations Division Standard

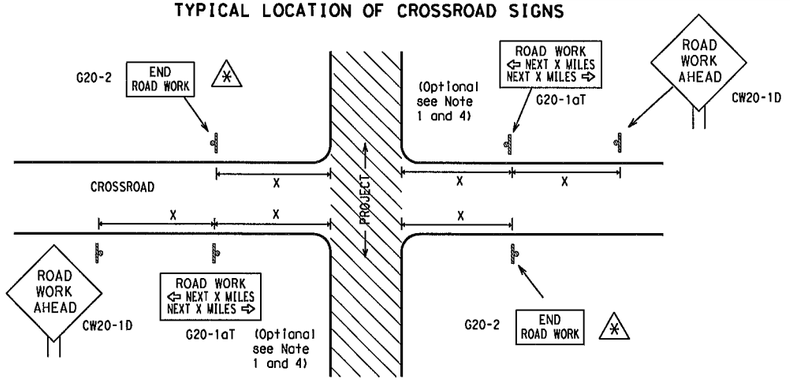
BARRICADE AND CONSTRUCTION GENERAL NOTES AND REQUIREMENTS

BC(1)-14

FILE: bc-14.dgn	DN: TxDOT	CK: TxDOT	DW: TxDOT	CK: TxDOT
©TxDOT November 2002	CONT	SECT	JOB	HIGHWAY
REVISIONS 4-03 5-10 8-14 9-07 7-13	DIST	COUNTY		SHEET NO. 29 74

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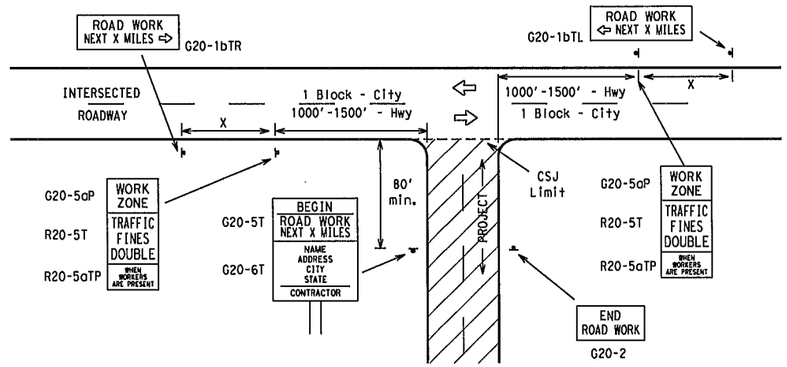
TYPICAL LOCATION OF CROSSROAD SIGNS



⚹ May be mounted on back of "ROAD WORK AHEAD"(CW20-1D) sign with approval of Engineer. (See note 2 below)

1. The typical minimum signing on a crossroad approach should be a "ROAD WORK AHEAD" (CW20-1D)sign and a (G20-2) "END ROAD WORK" sign, unless noted otherwise in plans.
2. The Engineer may use the reduced size 36" x 36" ROAD WORK AHEAD (CW20-1D) sign mounted back to back with the reduced size 36" x 18" "END ROAD WORK"(G20-2) sign on low volume crossroads (see Note 4 under "Typical Construction Warning Sign Size and Spacing"). See the "Standard Highway Sign Designs for Texas" manual for sign details. The Engineer may omit the advance warning signs on low volume crossroads. The Engineer will determine whether a rood is low volume. This information shall be shown in the plans.
3. Based on existing field conditions, the Engineer/Inspector may require additional signs such as FLAGGER AHEAD, LOOSE GRAVEL, or other appropriate signs. When additional signs are required, these signs will be considered part of the minimum requirements. The Engineer/Inspector will determine the proper location and spacing of any sign not shown on the BC sheets, Traffic Control Plan sheets or the Work Zone Standard Sheets.
4. The "ROAD WORK NEXT X MILES"(G20-1aT)sign shall be required at high volume crossroads to advise motorists of the length of construction in either direction from the intersection. The Engineer will determine whether o roadway is considered high volume.
5. Additional traffic control devices may be shown elsewhere in the plans for higher volume crossroads.
6. When work occurs in the intersection area, appropriate traffic control devices, as shown elsewhere in the plans or as determined by the Engineer/Inspector, shall be in place.

T-INTERSECTION



CSJ LIMITS AT T-INTERSECTION

1. The Engineer will determine the types and location of any additional traffic control devices, such as a flagger and accompanying signs, or other signs, that should be used when work is being performed at or near an intersection.
2. If construction closes the road at a T-intersection the Contractor shall place the "CONTRACTOR NAME"(G20-6T) sign behind the Type 3 Barricades for the road closure (see BC(10) also). The "ROAD WORK NEXT X MILES" left arrow(G20-1bTL) and "ROAD WORK NEXT X MILES" right arrow (G20-1bTR)" signs shall be replaced by the detour signing called for in the plans.

TYPICAL CONSTRUCTION WARNING SIGN SIZE AND SPACING

SIZE

Sign Number or Series	Conventional Road	Expressway/ Freeway
CW20[4] CW21 CW22 CW23 CW25	48" x 48"	48" x 48"
CW1, CW2, CW7, CW8, CW9, CW11, CW14	36" x 36"	48" x 48"
CW3, CW4, CW5, CW6, CW8-3, CW10, CW12	48" x 48"	48" x 48"

SPACING

Posted Speed	Sign Spacing "X" △
MPH	Feet (Apprx.)
30	120
35	160
40	240
45	320
50	400
55	500[2]
60	600[2]
65	700[2]
70	800[2]
75	900[2]
80	1000[2]
⚹	⚹[3]

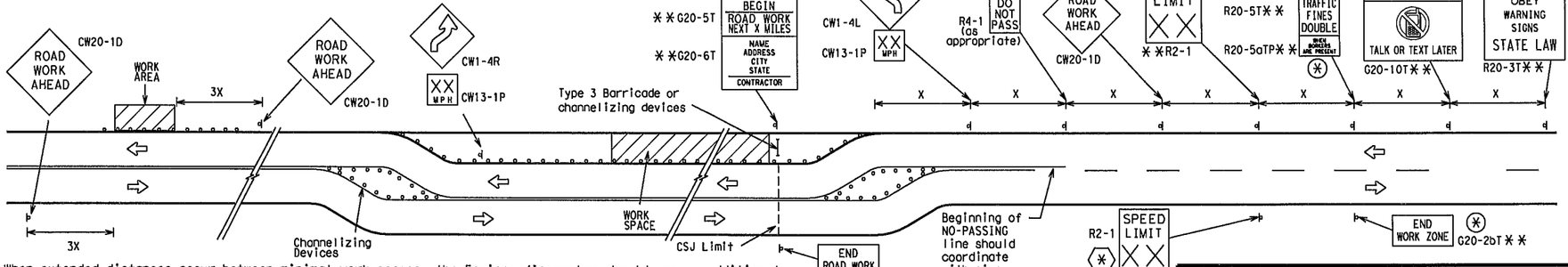
⚹ For typical sign spacings on divided highways, expressways and freeways, see Part 6 of the "Texas Manual on Uniform Traffic Control Devices" (TMUTCD) typical application diagrams or TCP Standard Sheets.

△ Minimum distance from work area to first Advance Warning sign nearest the work area and/or distance between each additional sign.

GENERAL NOTES

1. Special or larger size signs may be used as necessary.
2. Distance between signs should be increased as required to have 1500 feet advance warning.
3. Distance between signs should be increased as required to have 1/2 mile or more advance warning.
4. 36" x 36" "ROAD WORK AHEAD" (CW20-1D)signs may be used on low volume crossroods at the discretion of the Engineer. See Note 2 under "Typical Location of Crossroad Signs".
5. Only diamond shaped warning sign sizes are indicated.
6. See sign size listing in "TMUTCD", Sign Appendix or the "Standard Highway Sign Designs for Texas" manual for complete list of available sign design sizes.

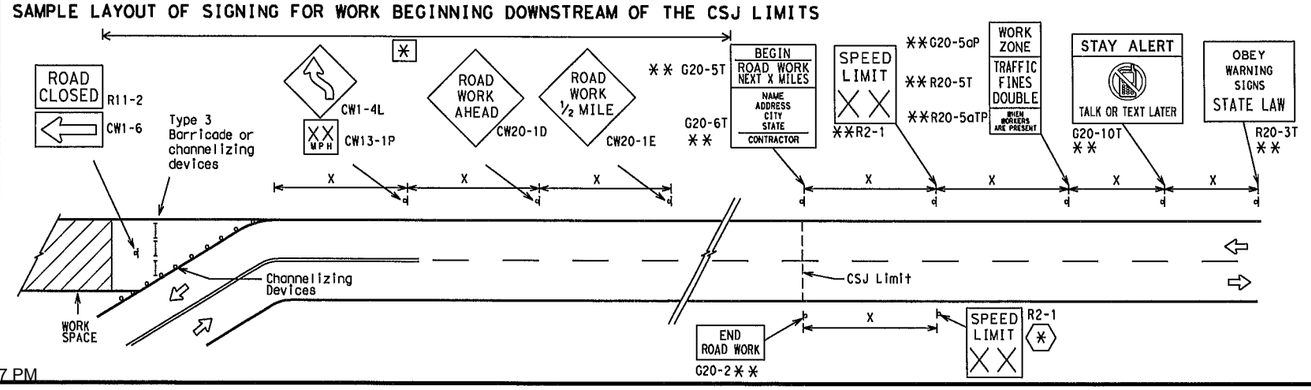
WORK AREAS IN MULTIPLE LOCATIONS WITHIN CSJ LIMITS



When extended distances occur between minimal work spaces, the Engineer/Inspector should ensure additional "ROAD WORK AHEAD"(CW20-1D)signs are placed in advance of these work areas to remind drivers they are still within the project limits. See the applicable TCP sheets for exact location and spacing of signs and channelizing devices.

SAMPLE LAYOUT OF SIGNING FOR WORK BEGINNING AT THE CSJ LIMITS

SAMPLE LAYOUT OF SIGNING FOR WORK BEGINNING DOWNSTREAM OF THE CSJ LIMITS



NOTES

The Contractor shall determine the appropriate distance to be placed on the G20-1 series signs and "BEGIN ROAD WORK NEXT X MILES"(G20-5T)sign for each specific project. This distance shall replace the "X" and shall be rounded to the nearest whole mile with the opproval of the Engineer. No decimals shall be used.

(⚹) The "BEGIN WORK ZONE"(G20-9TP) and "END WORK ZONE" (G20-2bT) shall be used as shown on the sample layout when advance signs are required outside the CSJ Limits. They infarm the motorist of entering or leaving a part of the work zone lying outside the CSJ Limits where traffic fines may double if workers are present.

⚹⚹ Required CSJ Limit signing. See Note 10 on BC(1). TRAFFIC FINES DOUBLE signs will not be required on projects consisting solely of mobile operations work.

[⚹] Area for placement of "ROAD WORK AHEAD" (CW20-1D)sign and other signs or devices as called for on the Traffic Control Plan.

(⚹) Contractor will install a regulatory speed limit sign at the end of the work zone.

LEGEND

⟼	Type 3 Barricade
○ ○ ○	Channelizing Devices
▬	Sign
X	See Typical Construction Warning Sign Size and Spacing chart or the TMUTCD far sign spacing requirements.

Texas Department of Transportation

Traffic Operations Division Standard

BARRICADE AND CONSTRUCTION PROJECT LIMIT

BC(2)-14

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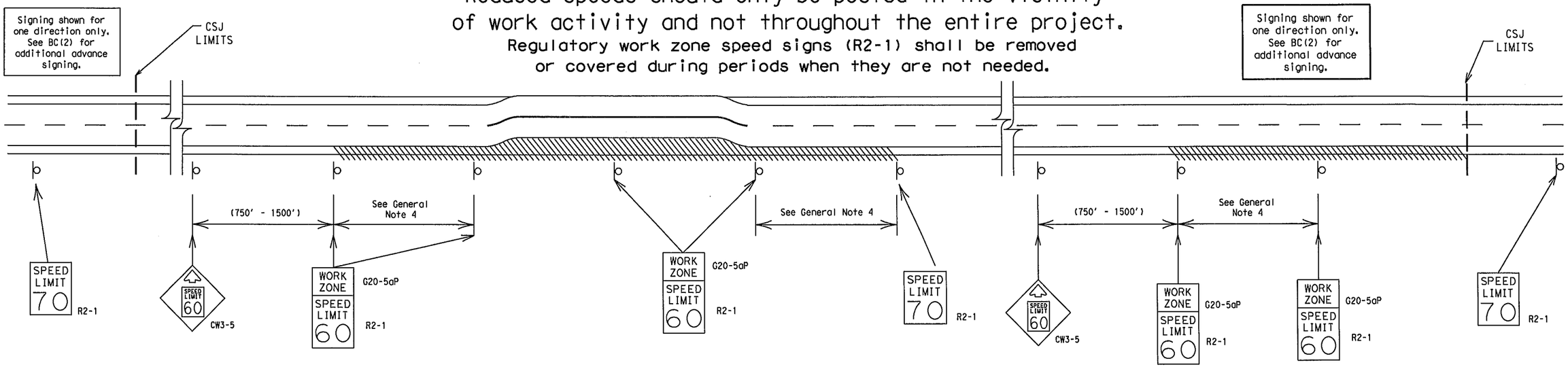
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TYPICAL APPLICATION OF WORK ZONE SPEED LIMIT SIGNS

Work zone speed limits shall be regulatory, established in accordance with the "Procedures for Establishing Speed Zones," and approved by the Texas Transportation Commission, or by City Ordinance when within Incorporated City Limits.

Reduced speeds should only be posted in the vicinity of work activity and not throughout the entire project.

Regulatory work zone speed signs (R2-1) shall be removed or covered during periods when they are not needed.



GUIDANCE FOR USE:

LONG/INTERMEDIATE TERM WORK ZONE SPEED LIMITS

This type of work zone speed limit should be included on the design of the traffic control plans when restricted geometrics with a lower design speed are present in the work zone and modification of the geometrics to a higher design speed is not feasible.

Long/Intermediate Term Work Zone Speed Limit signs, when approved as described above, should be posted and visible to the motorist when work activity is present. Work activity may also be defined as a change in the roadway that requires a reduced speed for motorists to safely negotiate the work area, including:

a) rough road or damaged pavement surface
b) substantial alteration of roadway geometrics (diversions)
c) construction detours
d) grade
e) width
f) other conditions readily apparent to the driver

As long as any of these conditions exist, the work zone speed limit signs should remain in place.

SHORT TERM WORK ZONE SPEED LIMITS

This type of work zone speed limit may be included on the design of the traffic control plans when workers or equipment are not behind concrete barrier, when work activity is within 10 feet of the traveled way or actually in the travelled way.

Short Term Work Zone Speed Limit signs should be posted and visible to the motorists only when work activity is present. When work activity is not present, signs shall be removed or covered.
(See Removing or Covering on BC(4)).

GENERAL NOTES

1. Regulatory work zone speed limits should be used only for sections of construction projects where speed control is of major importance.
2. Regulatory work zone speed limit signs shall be placed on supports at a 7 foot minimum mounting height.
3. Speed zone signs are illustrated for one direction of travel and are normally posted for each direction of travel.
4. Frequency of work zone speed limit signs should be:
   40 mph and greater 0.2 to 2 miles
   35 mph and less 0.2 to 1 mile
5. Regulatory speed limit signs shall have black legend and border on a white reflective background (See "Reflective Sheeting" on BC(4)).
6. Fabrication, erection and maintenance of the "ADVANCE SPEED LIMIT" (CW3-5) sign, "WORK ZONE" (G20-5aP) plaque and the "SPEED LIMIT" (R2-1) signs shall not be paid for directly, but shall be considered subsidiary to Item 502.
7. Turning signs from view, laying signs over or down will not be allowed, unless as otherwise noted under "REMOVING OR COVERING" on BC(4).
8. Techniques that may help reduce traffic speeds include but are not limited to:
   A. Law enforcement.
   B. Flagger stationed next to sign.
   C. Portable changeable message sign (PCMS).
   D. Low-power (drone) radar transmitter.
   E. Speed monitor trailers or signs.
9. Speeds shown on details above are for illustration only. Work Zone Speed Limits should only be posted as approved for each project.
10. For more specific guidance concerning the type of work, work zone conditions and factors impacting allowable regulatory construction speed zone reduction see TxDOT form #1204 in the TxDOT e-form system.

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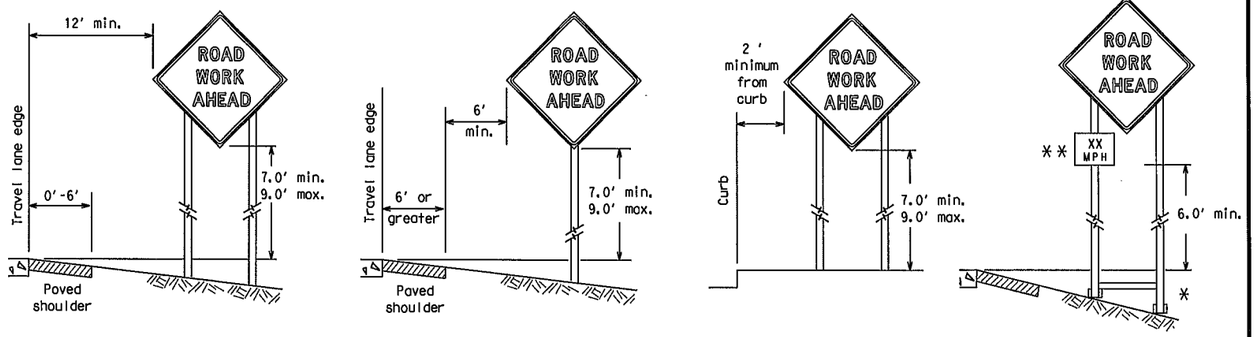
BARRICADE AND CONSTRUCTION WORK ZONE SPEED LIMIT

BC(3)-14

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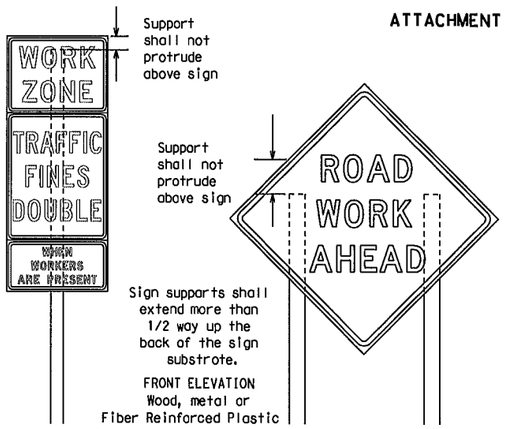
TYPICAL MINIMUM CLEARANCES FOR LONG TERM AND INTERMEDIATE TERM SIGNS



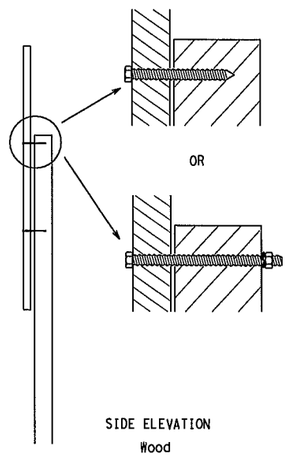
* When placing skid supports on unlevel ground, the leg post lengths must be adjusted so the sign appears straight and plumb. Objects shall NOT be placed under skids as a means of leveling.

** When plaques are placed on dual-leg supports, they should be attached to the upright nearest the travel lane. Supplemental plaques (advisory or distance) should not cover the surface of the parent sign.

ATTACHMENT FOR SIGN SUPPORTS



Splicing embedded perforated square metal tubing in order to extend post height will only be allowed when the splice is made using four bolts, two above and two below the splice point. Splice must be located entirely behind the sign substrate, not near the base of the support. Splice insert lengths should be at least 5 times nominal post size, centered on the splice and of at least the same gauge material.

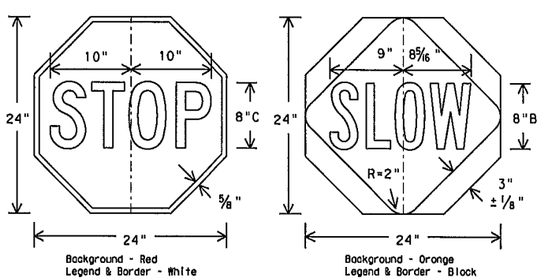


Attachment to wooden supports will be by bolts and nuts or screws. Use TxDOT's or manufacturer's recommended procedures for attaching sign substrates to other types of sign supports

Nails shall NOT be allowed. Each sign shall be attached directly to the sign support. Multiple signs shall not be joined or spliced by any means. Wood supports shall not be extended or repaired by splicing or other means.

STOP/SLOW PADDLES

1. STOP/SLOW paddles are the primary method to control traffic by flaggers. The STOP/SLOW paddle size should be 24" x 24" as detailed below.
2. When used at night, the STOP/SLOW paddle shall be retroreflectorized.
3. STOP/SLOW paddles may be attached to a staff with a minimum length of 6' to the bottom of the sign.
4. Any lights incorporated into the STOP or SLOW paddle faces shall only be as specifically described in Section 6E.03 Hand Signaling Devices in the TMUTCD.



CONTRACTOR REQUIREMENTS FOR MAINTAINING PERMANENT SIGNS WITHIN THE PROJECT LIMITS

1. Permanent signs are used to give notice of traffic laws or regulations, call attention to conditions that are potentially hazardous to traffic operations, show route designations, destinations, directions, distances, services, points of interest, and other geographical, recreational, or cultural information. Drivers proceeding through a work zone need the same, if not better route guidance as normally installed on a roadway without construction.
2. When permanent regulatory or warning signs conflict with work zone conditions, remove or cover the permanent signs until the permanent sign message matches the roadway condition.
3. When existing permanent signs are moved and relocated due to construction purposes, they shall be visible to motorists at all times.
4. If existing signs are to be relocated on their original supports, they shall be installed on crashworthy bases as shown on the SMD Standard sheets. The signs shall meet the required mounting heights shown on the BC Sheets or the SMD Standards. This work should be paid for under the appropriate pay item for relocating existing signs.
5. If permanent signs are to be removed and relocated using temporary supports, the Contractor shall use crashworthy supports as shown on the BC sheets or the CWZTCD. The signs shall meet the required mounting heights shown on the BC Sheets or the SMD Standards during construction. This work should be paid for under the appropriate pay item for relocating existing signs.
6. Any sign or traffic control device that is struck or damaged by the Contractor or his/her construction equipment shall be replaced as soon as possible by the Contractor to ensure proper guidance for the motorists. This will be subsidiary to Item 502.

GENERAL NOTES FOR WORK ZONE SIGNS

1. Contractor shall install and maintain signs in a straight and plumb condition and/or as directed by the Engineer.
2. Wooden sign posts shall be painted white.
3. Barricades shall NOT be used as sign supports.
4. All signs shall be installed in accordance with the plans or as directed by the Engineer. Signs shall be used to regulate, warn, and guide the traveling public safely through the work zone.
5. The Contractor may furnish either the sign design shown in the plans or in the "Standard Highway Sign Designs for Texas" (SHSD). The Engineer/Inspector may require the Contractor to furnish other work zone signs that are shown in the TMUTCD but may have been omitted from the plans. Any variation in the plans shall be documented by written agreement between the Engineer and the Contractor's Responsible Person. All changes must be documented in writing before being implemented. This can include documenting the changes in the Inspector's TxDOT diary and having both the Inspector and Contractor initial and date the agreed upon changes.
6. The Contractor shall furnish sign supports listed in the "Compliant Work Zone Traffic Control Device List" (CWZTCD). The Contractor shall install the sign support in accordance with the manufacturer's recommendations. If there is a question regarding installation procedures, the Contractor shall furnish the Engineer a copy of the manufacturer's installation recommendations so the Engineer can verify the correct procedures are being followed.
7. The Contractor is responsible for installing signs on approved supports and replacing signs with damaged or cracked substrates and/or damaged or marred reflective sheeting as directed by the Engineer/Inspector.
8. Identification markings may be shown only on the back of the sign substrate. The maximum height of letters and/or company logos used for identification shall be 1 inch.
9. The Contractor shall replace damaged wood posts. New or damaged wood sign posts shall not be spliced.

DURATION OF WORK (as defined by the "Texas Manual on Uniform Traffic Control Devices" Part 6)

1. The types of sign supports, sign mounting height, the size of signs, and the type of sign substrates can vary based on the type of work being performed. The Engineer is responsible for selecting the appropriate size sign for the type of work being performed. The Contractor is responsible for ensuring the sign support, sign mounting height and substrate meets manufacturer's recommendations in regard to crashworthiness and duration of work requirements.
   a. Long-term stationary - work that occupies a location more than 3 days.
   b. Intermediate-term stationary - work that occupies a location more than one daylight period up to 3 days, or nighttime work lasting more than one hour.
   c. Short-term stationary - daytime work that occupies a location for more than 1 hour in a single daylight period.
   d. Short, duration - work that occupies a location up to 1 hour.
   e. Mobile - work that moves continuously or intermittently (stopping for up to approximately 15 minutes.)

SIGN MOUNTING HEIGHT

1. The bottom of Long-term/Intermediate-term signs shall be at least 7 feet, but not more than 9 feet, above the paved surface, except as shown for supplemental plaques mounted below other signs.
2. The bottom of Short-term/Short Duration signs shall be a minimum of 1 foot above the pavement surface but no more than 2 feet above the ground.
3. Long-term/Intermediate-term Signs may be used in lieu of Short-term/Short Duration signing.
4. Short-term/Short Duration signs shall be used only during daylight and shall be removed at the end of the workday or raised to appropriate Long-term/Intermediate sign height.
5. Regulatory signs shall be mounted at least 7 feet, but not more than 9 feet, above the paved surface regardless of work duration.

SIZE OF SIGNS

1. The Contractor shall furnish the sign sizes shown on BC (2) unless otherwise shown in the plans or as directed by the Engineer.

SIGN SUBSTRATES

1. The Contractor shall ensure the sign substrate is installed in accordance with the manufacturer's recommendations for the type of sign support that is being used. The CWZTCD lists each substrate that can be used on the different types and models of sign supports.
2. "Mesh" type materials are NOT an approved sign substrate, regardless of the tightness of the weave.
3. All wooden individual sign panels fabricated from 2 or more pieces shall have one or more plywood cleat, 1/2" thick by 6" wide, fastened to the back of the sign and extending fully across the sign. The cleat shall be attached to the back of the sign using wood screws that do not penetrate the face of the sign panel. The screws shall be placed on both sides of the splice and spaced at 6" centers. The Engineer may approve other methods of splicing the sign face.

REFLECTIVE SHEETING

1. All signs shall be retroreflective and constructed of sheeting meeting the color and retro-reflectivity requirements of DMS-8300 for rigid signs or DMS-8310 for roll-up signs. The web address for DMS specifications is shown on BC(1).
2. White sheeting, meeting the requirements of DMS-8300 Type A, shall be used for signs with a white background.
3. Orange sheeting, meeting the requirements of DMS-8300 Type B_{FL} or Type C_{FL}, shall be used for rigid signs with orange backgrounds.

SIGN LETTERS

1. All sign letters and numbers shall be clear, and open rounded type uppercase alphabet letters as approved by the Federal Highway Administration (FHWA) and as published in the "Standard Highway Sign Design for Texas" manual. Signs, letters and numbers shall be of first class workmanship in accordance with Department Standards and Specifications.

REMOVING OR COVERING

1. When sign messages may be confusing or do not apply, the signs shall be removed or completely covered.
2. Long-term stationary or intermediate stationary signs installed on square metal tubing may be turned away from traffic 90 degrees when the sign message is not applicable. This technique may not be used for signs installed in the median of divided highways or near any intersections where the sign may be seen from approaching traffic.
3. Signs installed on wooden skids shall not be turned at 90 degree angles to the roadway. These signs should be removed or completely covered when not required.
4. When signs are covered, the material used shall be opaque, such as heavy mil black plastic, or other materials which will cover the entire sign face and maintain their opaque properties under automobile headlights at night, without damaging the sign sheeting.
5. Burlap shall NOT be used to cover signs.
6. Duct tape or other adhesive material shall NOT be affixed to a sign face.
7. Signs and anchor stubs shall be removed and holes backfilled upon completion of work.

SIGN SUPPORT WEIGHTS

1. Where sign supports require the use of weights to keep from turning over, the use of sandbags with dry, cohesionless sand should be used.
2. The sandbags will be tied shut to keep the sand from spilling and to maintain a constant weight.
3. Rock, concrete, iron, steel or other solid objects shall not be permitted for use as sign support weights.
4. Sandbags should weigh a minimum of 35 lbs and a maximum of 50 lbs.
5. Sandbags shall be made of a durable material that tears upon vehicular impact. Rubber (such as tire inner tubes) shall NOT be used.
6. Rubber ballasts designed for channelizing devices should not be used for ballast on portable sign supports. Sign supports designed and manufactured with rubber bases may be used when shown on the CWZTCD list.
7. Sandbags shall only be placed along or laid over the base supports of the traffic control device and shall not be suspended above ground level or hung with rope, wire, chains or other fasteners. Sandbags shall be placed along the length of the skids to weigh down the sign support.
8. Sandbags shall NOT be placed under the skid and shall not be used to level sign supports placed on slopes.

FLAGS ON SIGNS

1. Flags may be used to draw attention to warning signs. When used the flag shall be 16 inches square or larger and shall be orange or fluorescent red-orange in color. Flags shall not be allowed to cover any portion of the sign face.

Texas Department of Transportation | Traffic Operations Division Standard

BARRICADE AND CONSTRUCTION TEMPORARY SIGN NOTES

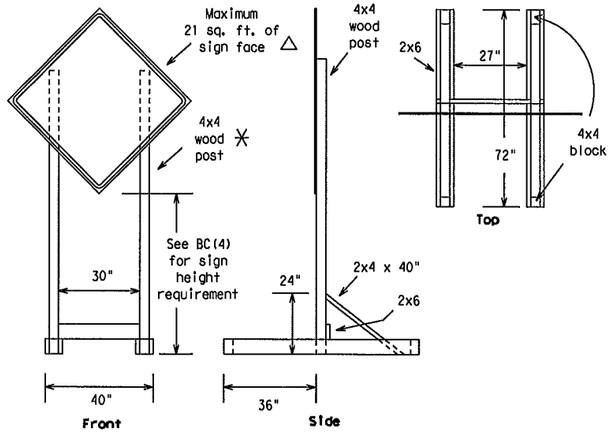
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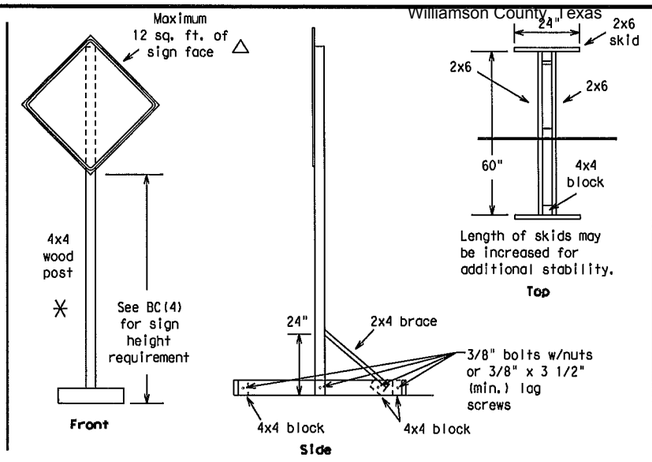
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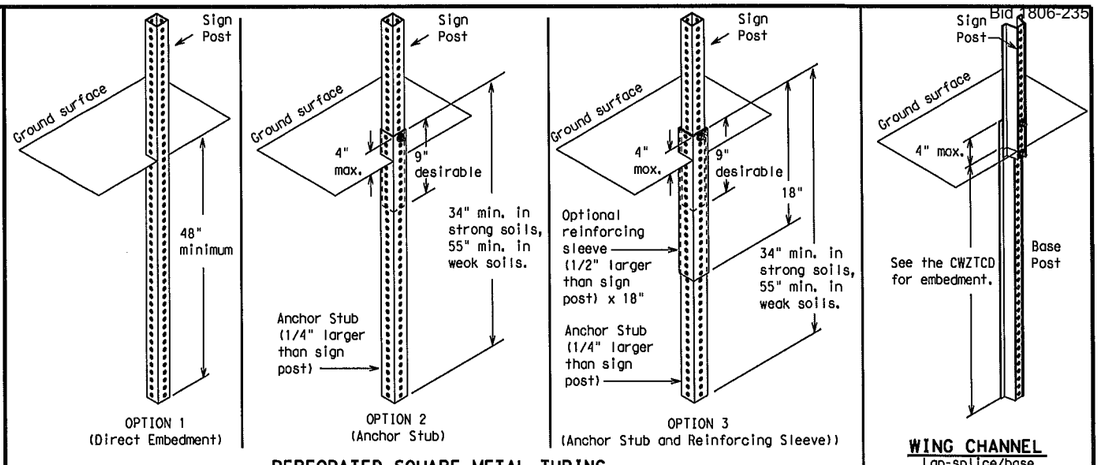
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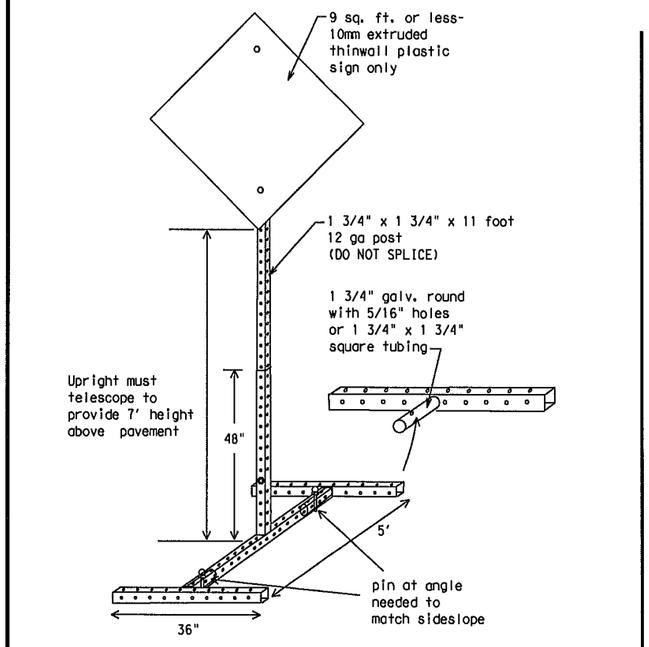
SKID MOUNTED WOOD SIGN SUPPORTS

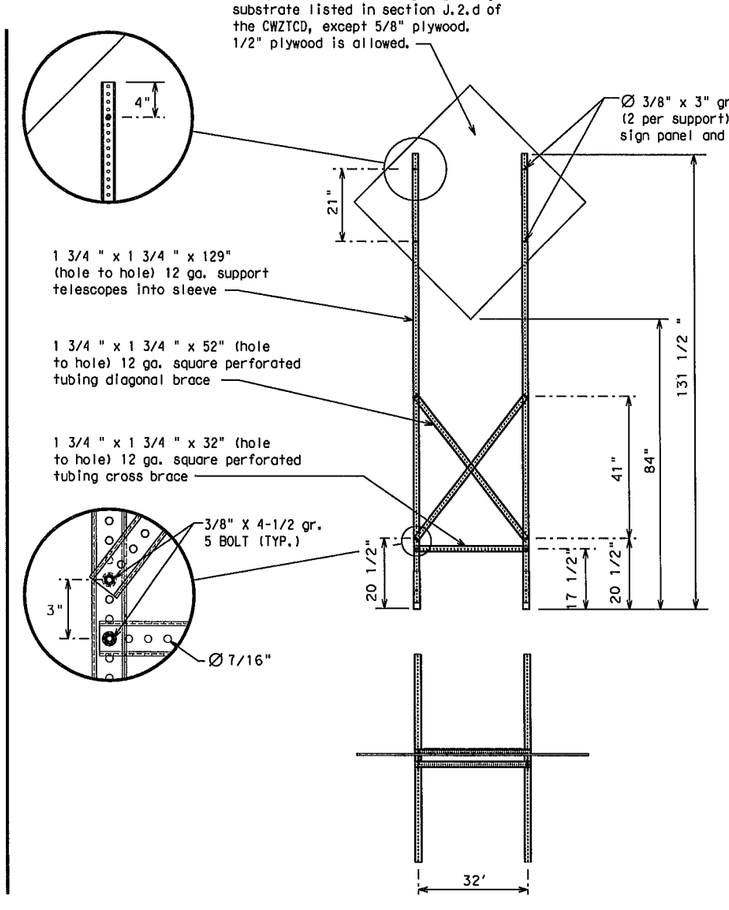
LONG/INTERMEDIATE TERM STATIONARY - PORTABLE SKID MOUNTED SIGN SUPPORTS □

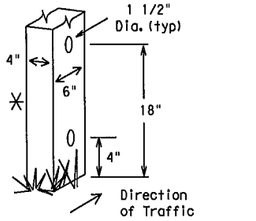


GROUND MOUNTED SIGN SUPPORTS

Refer to the CWZTCD and the manufacturer's installation procedure for each type sign support.
The maximum sign square footage shall adhere to the manufacturer's recommendation.
Two post installations can be used for larger signs.

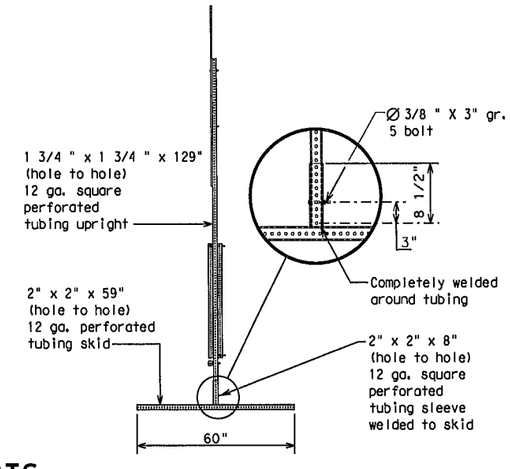






Nominal Post Size	Number of Posts	Maximum Sq. feet of Sign Face	Minimum Soil Embedment	Drilled Hole(s) Required
4 x 4	1	12	36"	NO
4 x 4	2	21	36"	NO
4 x 6	1	21	36"	YES
4 x 6	2	36	36"	YES

WOOD POST SYSTEM FOR GROUND MOUNTED SIGN SUPPORTS



WEDGE ANCHORS

Both steel and plastic Wedge Anchor Systems as shown on the SMD Standard Sheets may be used as temporary sign supports for signs up to 10 square feet of sign face. They may be set in concrete or in sturdy soils if approved by the Engineer. (See web address for "Traffic Engineering Standard Sheets" on BC(1)).

OTHER DESIGNS

MORE DETAILS OF APPROVED LONG/INTERMEDIATE AND SHORT TERM SUPPORTS CAN BE FOUND ON THE CWZTCD LIST. SEE BC(1) FOR WEBSITE LOCATION.

GENERAL NOTES

1. Nails may be used in the assembly of wooden sign supports, but 3/8" bolts with nuts or 3/8" x 3 1/2" lag screws must be used on every joint for final connection.
2. No more than 2 sign posts shall be placed within a 7 ft. circle, except for specific materials noted on the CWZTCD List.
3. When project is completed, all sign supports and foundations shall be removed from the project site. This will be considered subsidiary to Item 502.

□ See BC(4) for definition of "Work Duration."

✳ Wood sign posts MUST be one piece. Splicing will NOT be allowed. Posts shall be painted white.

△ See the CWZTCD for the type of sign substrate that can be used for each approved sign support.

Texas Department of Transportation — Traffic Operations Division Standard

BARRICADE AND CONSTRUCTION TYPICAL SIGN SUPPORT

BC(5)-14

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WHEN NOT IN USE, REMOVE THE PCMS FROM THE RIGHT-OF-WAY OR PLACE THE PCMS BEHIND BARRIER OR GUARDRAIL WITH SIGN PANEL TURNED PARALLEL TO TRAFFIC

PORTABLE CHANGEABLE MESSAGE SIGNS

1. The Engineer/Inspector shall approve all messages used on portable changeable message signs (PCMS).
2. Messages on PCMS should contain no more than 8 words (about four to eight characters per word), not including simple words such as "TO," "FOR," "AT," etc.
3. Messages should consist of a single phase, or two phases that alternate. Three-phase messages are not allowed. Each phase of the message should convey a single thought, and must be understood by itself.
4. Use the word "EXIT" to refer to an exit ramp on a freeway; i.e., "EXIT CLOSED." Do not use the term "RAMP."
5. Always use the route or interstate designation (IH, US, SH, FM) along with the number when referring to a roadway.
6. When in use the bottom of a stationary PCMS message panel should be a minimum 7 feet above the roadway, where possible.
7. The message term "WEEKEND" should be used only if the work is to start on Saturday morning and end by Sunday evening at midnight. Actual days and hours of work should be displayed on the PCMS if work is to begin on Friday evening and/or continue into Monday morning.
8. The Engineer/Inspector may select one of two options which are available for displaying a two-phase message on a PCMS. Each phase may be displayed for either four seconds each or for three seconds each.
9. Do not "flash" messages or words included in a message. The message should be steady burn or continuous while displayed.
10. Do not present redundant information on a two-phase message; i.e., keeping two lines of the message the some and changing the third line.
11. Do not use the word "Danger" in message.
12. Do not display the message "LANES SHIFT LEFT" or "LANES SHIFT RIGHT" on a PCMS. Drivers do not understand the message.
13. Do not display messages that scroll horizontally or vertically across the face of the sign.
14. The following table lists abbreviated words and two-word phrases that are acceptable for use on a PCMS. Both words in a phrase must be displayed together. Words or phrases not on this list should not be abbreviated, unless shown in the TMUTCD.
15. PCMS character height should be at least 18 inches for trailer mounted units. They should be visible from at least 1/2 (.5) mile and the text should be legible from at least 600 feet at night and 800 feet in daylight. Truck mounted units must have a character height of 10 inches and must be legible from at least 400 feet.
16. Each line of text should be centered on the message board rather than left or right justified.
17. If disabled, the PCMS should default to an illegible display that will not alarm motorists and will only be used to alert workers that the PCMS has malfunctioned. A pattern such as a series of horizontal solid bars is appropriate.

WORD OR PHRASE	ABBREVIATION
Access Road	ACCS RD
Alternate	ALT
Avenue	AVE
Best Route	BEST RTE
Boulevard	BLVD
Bridge	BRDG
Cannot	CANT
Center	CTR
Construction Ahead	CONST AHD
CROSSING	XING
Detour Route	DETOUR RTE
Do Not	DONT
East	E
Eastbound	(route) E
Emergency	EMER
Emergency Vehicle	EMER VEH
Entrance, Enter	ENT
Express Lane	EXP LN
Expressway	EXPWY
XXXX Feet	XXXX FT
Fog Ahead	FOG AHD
Freeway	FRWY, FWY
Freeway Blocked	FWY BLKD
Friday	FRI
Hazardous Driving	HAZ DRIVING
Hazardous Material	HAZMAT
High-Occupancy	HOV
Vehicle Highway	HWY
Hour(s)	HR, HRS
Information	INFO
It Is	ITS
Junction	JCT
Left	LFT
Left Lane	LFT LN
Lane Closed	LN CLOSED
Lower Level	LWR LEVEL
Maintenance	MAINT

WORD OR PHRASE	ABBREVIATION
Major	MAJ
Miles	MI
Miles Per Hour	MPH
Minor	MNR
Monday	MON
Normal	NORM
North	N
Northbound	(route) N
Parking	PKING
Road	RD
Right Lane	RT LN
Saturday	SAT
Service Road	SERV RD
Shoulder	SHLDR
Slippery	SLIP
South	S
Southbound	(route) S
Speed	SPD
Street	ST
Sunday	SUN
Telephone	PHONE
Temporary	TEMP
Thursday	THURS
To Downtown	TO DWNTN
Traffic	TRAF
Travelers	TRVLRS
Tuesday	TUES
Time Minutes	TIME MIN
Upper Level	UPR LEVEL
Vehicles (s)	VEH, VEHS
Warning	WARN
Wednesday	WED
Weight Limit	WT LIMIT
West	W
Westbound	(route) W
Wet Pavement	WET PVMT
Will Not	WONT

Roadway designation # IH-number, US-number, SH-number, FM-number

RECOMMENDED PHASES AND FORMATS FOR PCMS MESSAGES DURING ROADWORK ACTIVITIES

(The Engineer may approve other messages not specifically covered here.)

Phase 1: Condition Lists

Road/Lane/Ramp Closure List

- FREEWAY CLOSED X MILE
- FRONTAGE ROAD CLOSED
- ROAD CLOSED AT SH XXX
- SHOULDER CLOSED XXX FT
- ROAD CLSD AT FM XXXX
- RIGHT LN CLOSED XXX FT
- RIGHT X LANES CLOSED
- RIGHT X LANES OPEN
- CENTER LANE CLOSED
- DAYTIME LANE CLOSURES
- NIGHT LANE CLOSURES
- I-XX SOUTH EXIT CLOSED
- VARIOUS LANES CLOSED
- EXIT XXX CLOSED X MILE
- EXIT CLOSED
- RIGHT LN TO BE CLOSED
- MALL DRIVEWAY CLOSED
- X LANES CLOSED TUE - FRI
- XXXXXXXX BLVD CLOSED

Other Condition List

- ROADWORK XXX FT
- ROAD REPAIRS XXXX FT
- FLAGGER XXXX FT
- LANE NARROWS XXXX FT
- RIGHT LN NARROWS XXXX FT
- TWO-WAY TRAFFIC XX MILE
- MERGING TRAFFIC XXXX FT
- CONST TRAFFIC XXX FT
- LOOSE GRAVEL XXXX FT
- UNEVEN LANES XXXX FT
- DETOUR X MILE
- ROUGH ROAD XXXX FT
- ROADWORK PAST SH XXXX
- ROADWORK NEXT FRI-SUN
- BUMP XXXX FT
- US XXX EXIT X MILES
- TRAFFIC SIGNAL XXXX FT
- LANES SHIFT *

* LANES SHIFT in Phase 1 must be used with STAY IN LANE in Phase 2.

Phase 2: Possible Component Lists

Action to Take/Effect on Travel List

- MERGE RIGHT
- FORM X LINES RIGHT
- DETOUR NEXT X EXITS
- USE XXXXX RD EXIT
- USE EXIT XXX
- USE EXIT I-XX NORTH
- STAY ON US XXX SOUTH
- USE I-XX E TO I-XX N
- TRUCKS USE US XXX N
- WATCH FOR TRUCKS
- WATCH FOR TRUCKS
- EXPECT DELAYS
- EXPECT DELAYS
- PREPARE TO STOP
- REDUCE SPEED XXX FT
- END SHOULDER USE
- USE OTHER ROUTES
- WATCH FOR WORKERS
- STAY IN LANE *

Location List

- AT FM XXXX
- BEFORE RAILROAD CROSSING
- NEXT X MILES
- PAST US XXX EXIT
- XXXXXXX TO XXXXXXX
- US XXX TO FM XXXX

Warning List

- SPEED LIMIT XX MPH
- MAXIMUM SPEED XX MPH
- MINIMUM SPEED XX MPH
- ADVISORY SPEED XX MPH
- RIGHT LANE EXIT
- USE CAUTION
- DRIVE SAFELY
- DRIVE WITH CARE

** Advance Notice List

- TUE-FRI XX AM- X PM
- APR XX-XX X PM-X AM
- BEGINS MONDAY
- BEGINS MAY XX
- MAY X-X XX PM - XX AM
- NEXT FRI-SUN
- XX AM TO XX PM
- NEXT TUE AUG XX
- TONIGHT XX PM- XX AM

* See Application Guidelines Note 6.

APPLICATION GUIDELINES

1. Only 1 or 2 phases are to be used on a PCMS.
2. The 1st phase (or both) should be selected from the "Road/Lane/Ramp Closure List" and the "Other Condition List".
3. A 2nd phase can be selected from the "Action to Toke/Effect on Travel, Location, General Warning, or Advance Notice Phase Lists".
4. A Location Phase is necessary only if a distance or location is not included in the first phase selected.
5. If two PCMS are used in sequence, they must be separated by a minimum of 1000 ft. Each PCMS shall be limited to two phases, and should be understandable by themselves.
6. For advance notice, when the current date is within seven days of the actual work date, calendar days should be replaced with days of the week. Advance notification should typically be for no more than one week prior to the work.

WORDING ALTERNATIVES

1. The words RIGHT, LEFT and ALL can be interchanged as appropriate.
2. Roadway designations IH, US, SH, FM and LP can be interchanged as appropriate.
3. EAST, WEST, NORTH and SOUTH (or abbreviations E, W, N and S) can be interchanged as appropriate.
4. Highway names and numbers replaced as appropriate.
5. ROAD, HIGHWAY and FREEWAY can be interchanged as needed.
6. AHEAD may be used instead of distances if necessary.
7. FT and MI, MILE and MILES interchanged as appropriate.
8. AT, BEFORE and PAST interchanged as needed.
9. Distances or AHEAD can be eliminated from the message if a location phase is used.

PCMS SIGNS WITHIN THE R.O.W. SHALL BE BEHIND GUARDRAIL OR CONCRETE BARRIER OR SHALL HAVE A MINIMUM OF FOUR (4) PLASTIC DRUMS PLACED PERPENDICULAR TO TRAFFIC ON THE UPSTREAM SIDE OF THE PCMS, WHEN EXPOSED TO ONE DIRECTION OF TRAFFIC. WHEN EXPOSED TO TWO WAY TRAFFIC, THE FOUR DRUMS SHOULD BE PLACED WITH ONE DRUM AT EACH OF THE FOUR CORNERS OF THE UNIT.

FULL MATRIX PCMS SIGNS

1. When Full Matrix PCMS signs are used, the character height and legibility/visibility requirements shall be maintained as listed in Note 15 under "PORTABLE CHANGEABLE MESSAGE SIGNS" above.
2. When symbol signs, such as the "Flagger Symbol"(CW20-7) are represented graphically on the Full Matrix PCMS sign and, with the approval of the Engineer, it shall maintain the legibility/visibility requirement listed above.
3. When symbol signs are represented graphically on the Full Matrix PCMS, they shall only supplement the use of the static sign represented, and shall not substitute for, or replace that sign.
4. A full matrix PCMS may be used to simulate a flashing arrow board provided it meets the visibility, flash rate and dimming requirements on BC(7), for the same size arrow.

Texas Department of Transportation

Traffic Operations Division Standard

BARRICADE AND CONSTRUCTION PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)

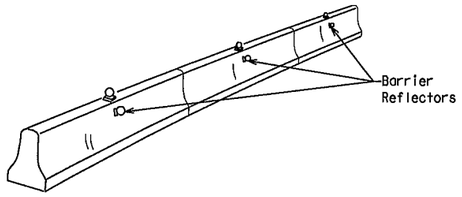
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© TxDOT November 2002	CONT	SECT	JOB	HIGHWAY
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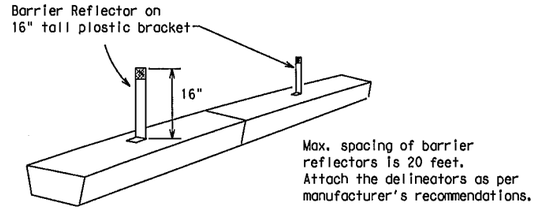
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1. Barrier Reflectors shall be pre-qualified, and conform to the color and reflectivity requirements of DMS-8600. A list of prequalified Barrier Reflectors can be found at the Material Producer List web address shown on BC(1).
2. Color of Barrier Reflectors shall be as specified in the TMUTCD. The cost of the reflectors shall be considered subsidiary to Item 512.

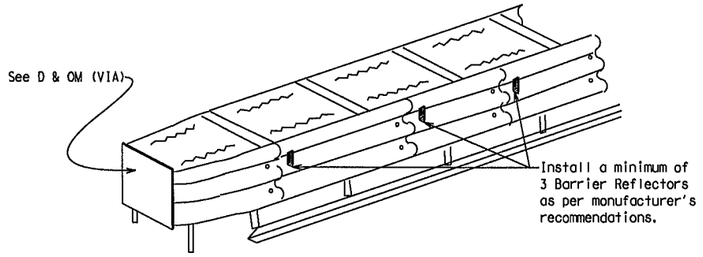


CONCRETE TRAFFIC BARRIER (CTB)

3. Where traffic is on one side of the CTB, two (2) Barrier Reflectors shall be mounted in approximately the midsection of each section of CTB. An alternate mounting location is uniformly spaced at one end of each CTB. This will allow for attachment of a barrier grapple without damaging the reflector. The Barrier Reflector mounted on the side of the CTB shall be located directly below the reflector mounted on top of the barrier, as shown in the detail above.
4. Where CTB separates two-way traffic, three barrier reflectors shall be mounted on each section of CTB. The reflector unit on top shall have two yellow reflective faces (Bi-Directional)while the reflectors on each side of the barrier shall have one yellow reflective face, as shown in the detail above.
5. When CTB separates traffic traveling in the same direction, no barrier reflectors will be required on top of the CTB.
6. Barrier Reflector units shall be yellow or white in color to match the edgeline being supplemented.
7. Maximum spacing of Barrier Reflectors is forty (40) feet.
8. Pavement markers or temporary flexible-reflective roadway marker tabs shall NOT be used as CTB delineation.
9. Attachment of Barrier Reflectors to CTB shall be per manufacturer's recommendations.
10. Missing or damaged Barrier Reflectors shall be replaced as directed by the Engineer.
11. Single slope barriers shall be delineated as shown on the above detail.



LOW PROFILE CONCRETE BARRIER (LPCB)

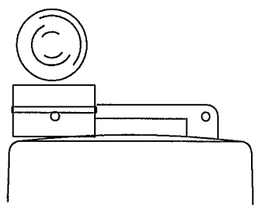


DELINEATION OF END TREATMENTS

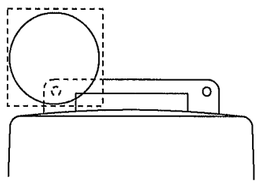
END TREATMENTS FOR CTB'S USED IN WORK ZONES

End treatments used on CTB's in work zones shall meet crashworthy standards as defined in the National Cooperative Highway Research Report 350. Refer to the CWZTCD List for approved end treatments and manufacturers.

BARRIER REFLECTORS FOR CONCRETE TRAFFIC BARRIER AND ATTENUATORS



Type C Warning Light or approved substitute mounted on a drum adjacent to the travel way.



Warning reflector may be round or square. Must have a yellow reflective surface area of at least 30 square inches

WARNING LIGHTS

1. Warning lights shall meet the requirements of the TMUTCD.
2. Warning lights shall NOT be installed on barricades.
3. Type A-Low Intensity Flashing Warning Lights are commonly used with drums. They are intended to warn of or mark a potentially hazardous area. Their use shall be as indicated on this sheet and/or other sheets of the plans by the designation "FL". The Type A Warning Lights shall not be used with signs manufactured with Type B_{FL} or C_{FL} Sheeting meeting the requirements of Departmental Material Specification DMS-8300.
4. Type-C and Type D 360 degree Steady Burn Lights are intended to be used in a series for delineation to supplement other traffic control devices. Their use shall be as indicated on this sheet and/or other sheets of the plans by the designation "SB".
5. The Engineer/Inspector or the plans shall specify the location and type of warning lights to be installed on the traffic control devices.
6. When required by the Engineer, the Contractor shall furnish a copy of the warning lights certification. The warning light manufacturer will certify the warning lights meet the requirements of the latest ITE Purchase Specifications for Flashing and Steady-Burn Warning Lights.
7. When used to delineate curves, Type-C and Type D Steady Burn Lights should only be placed on the outside of the curve, not the inside.
8. The location of warning lights and warning reflectors on drums shall be as shown elsewhere in the plans.

WARNING LIGHTS MOUNTED ON PLASTIC DRUMS

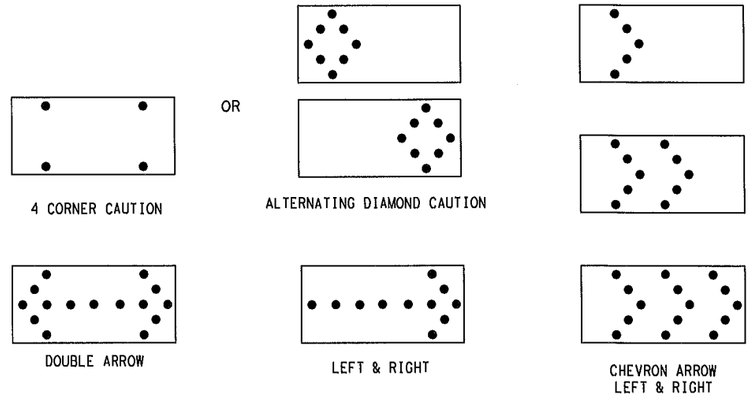
1. Type A flashing warning lights are intended to warn drivers that they are approaching or are in a potentially hazardous area.
2. Type A random flashing warning lights are not intended for delineation and shall not be used in a series.
3. A series of sequential flashing warning lights placed on channelizing devices to form a merging taper may be used for delineation. If used, the successive flashing of the sequential warning lights should occur from the beginning of the taper to the end of the merging taper in order to identify the desired vehicle path. The rate of flashing for each light shall be 65 flashes per minute, plus or minus 10 flashes.
4. Type C and D steady-burn warning lights are intended to be used in a series to delineate the edge of the travel lane on detours, on lane changes, on lane closures, and on other similar conditions.
5. Type A, Type C and Type D warning lights shall be installed at locations as detailed on other sheets in the plans.
6. Warning lights shall not be installed on a drum that has a sign, chevron or vertical panel.
7. The maximum spacing for warning lights on drums should be identical to the channelizing device spacing.

WARNING REFLECTORS MOUNTED ON PLASTIC DRUMS AS A SUBSTITUTE FOR TYPE C (STEADY BURN) WARNING LIGHTS

1. A warning reflector or approved substitute may be mounted on a plastic drum as a substitute for a Type C, steady burn warning light at the discretion of the Contractor unless otherwise noted in the plans.
2. The warning reflector shall be yellow in color and shall be manufactured using a sign substrate approved for use with plastic drums listed on the CWZTCD.
3. The warning reflector shall have a minimum retroreflective surface area (one-side) of 30 square inches.
4. Round reflectors shall be fully reflectorized, including the area where attached to the drum.
5. Square substrates must have a minimum of 30 square inches of reflectorized sheeting. They do not have to be reflectorized where it attaches to the drum.
6. The side of the warning reflector facing approaching traffic shall have sheeting meeting the color and retroreflectivity requirements for DMS 8300-Type B or Type C.
7. When used near two-way traffic, both sides of the warning reflector shall be reflectorized.
8. The warning reflector should be mounted on the side of the handle nearest approaching traffic.
9. The maximum spacing for warning reflectors should be identical to the channelizing device spacing requirements.

Arrow Boards may be located behind channelizing devices in place for a shoulder taper or merging taper, otherwise they shall be delineated with four (4) channelizing devices placed perpendicular to traffic on the upstream side of traffic.

1. The Flashing Arrow Board should be used for all lane closures on multi-lane roadways, or slow moving maintenance or construction activities on the travel lanes.
2. Flashing Arrow Boards should not be used on two-lane, two-way roadways, detours, diversions or work on shoulders unless the "CAUTION" display (see detail below) is used.
3. The Engineer/Inspector shall choose all appropriate signs, barricades and/or other traffic control devices that should be used in conjunction with the Flashing Arrow Board.
4. The Flashing Arrow Board should be able to display the following symbols:



5. The "CAUTION" display consists of four corner lamps flashing simultaneously, or the Alternating Diamond Caution mode as shown.
6. The straight line caution display is NOT ALLOWED.
7. The Flashing Arrow Board shall be capable of minimum 50 percent dimming from rated lamp voltage. The flashing rate of the lamps shall not be less than 25 nor more than 40 flashes per minute.
8. Minimum lamp "on time" shall be approximately 50 percent for the flashing arrow and equal intervals of 25 percent for each sequential phase of the flashing chevron.
9. The sequential arrow display is NOT ALLOWED.
10. The flashing arrow display is the TxDOT standard; however, the sequential Chevron display may be used during daylight operations.
11. The Flashing Arrow Board shall be mounted on a vehicle, trailer or other suitable support.
12. A Flashing Arrow Board SHALL NOT BE USED to laterally shift traffic.
13. A full matrix PCMS may be used to simulate a Flashing Arrow Board provided it meets visibility, flash rate and dimming requirements on this sheet for the same size arrow.
14. Minimum mounting height of trailer mounted Arrow Boards should be 7 feet from roadway to bottom of panel.

REQUIREMENTS			
TYPE	MINIMUM SIZE	MINIMUM NUMBER OF PANEL LAMPS	MINIMUM VISIBILITY DISTANCE
B	30 x 60	13	3/4 mile
C	48 x 96	15	1 mile

ATTENTION

Flashing Arrow Boards shall be equipped with automatic dimming devices.

WHEN NOT IN USE, REMOVE THE ARROW BOARD FROM THE RIGHT-OF-WAY OR PLACE THE ARROW BOARD BEHIND CONCRETE TRAFFIC BARRIER OR GUARDRAIL.

FLASHING ARROW BOARDS

SHEET 7 OF 12

TRUCK-MOUNTED ATTENUATORS

1. Truck-mounted attenuators (TMA) used on TxDOT facilities must meet the requirements outlined in the National Cooperative Highway Research Report No. 350 (NCHRP 350) or the Manual for Assessing Safety Hardware (MASH).
2. Refer to the CWZTCD for the requirements of Level 2 or Level 3 TMAs.
3. Refer to the CWZTCD for a list of approved TMAs.
4. TMAs are required on freeways unless otherwise noted in the plans.
5. A TMA should be used anytime that it can be positioned 30 to 100 feet in advance of the area of crew exposure without adversely affecting the work performance.
6. The only reason a TMA should not be required is when a work area is spread down the roadway and the work crew is an extended distance from the TMA.

Texas Department of Transportation

Traffic Operations Division Standard

BARRICADE AND CONSTRUCTION ARROW PANEL, REFLECTORS, WARNING LIGHTS & ATTENUATOR

BC(7)-14

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REVISIONS 9-07 8-14 7-13	DIST	COUNTY		SHEET NO. 35

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GENERAL NOTES

1. For long term stationary work zones on freeways, drums shall be used as the primary channelizing device.
2. For intermediate term stationary work zones on freeways, drums should be used as the primary channelizing device but may be replaced in tangent sections by vertical panels, or 42" two-piece cones. In tangent sections one-piece cones may be used with the approval of the Engineer but only if personnel are present on the project at all times to maintain the cones in proper position and location.
3. For short term stationary work zones on freeways, drums are the preferred channelizing device but may be replaced in tapers, transitions and tangent sections by vertical panels, two-piece cones or one-piece cones as approved by the Engineer.
4. Drums and all related items shall comply with the requirements of the current version of the "Texas Manual on Uniform Traffic Control Devices" (TMUTCD) and the "Compliant Work Zone Traffic Control Devices List" (CWZTCD).
5. Drums, bases, and related materials shall exhibit good workmanship and shall be free from objectionable marks or defects that would adversely affect their appearance or serviceability.
6. The Contractor shall have a maximum of 24 hours to replace any plastic drums identified for replacement by the Engineer/Inspector. The replacement device must be on approved device.

GENERAL DESIGN REQUIREMENTS

Pre-qualified plastic drums shall meet the following requirements:

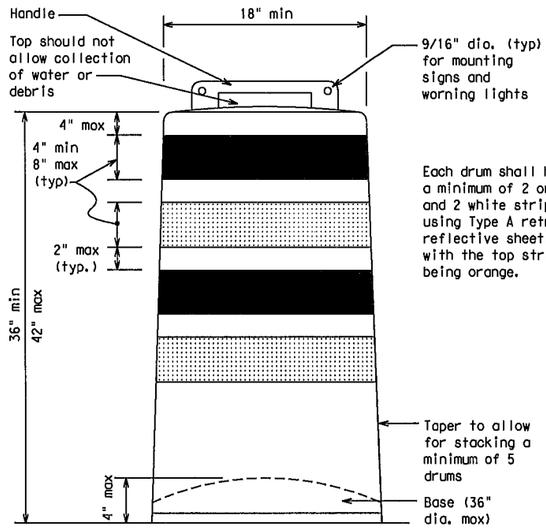
1. Plastic drums shall be a two-piece design; the "body" of the drum shall be the top portion and the "base" shall be the bottom.
2. The body and base shall lock together in such a manner that the body separates from the base when impacted by a vehicle traveling at a speed of 20 MPH or greater but prevents accidental separation due to normal handling and/or air turbulence created by passing vehicles.
3. Plastic drums shall be constructed of lightweight flexible, and deformable materials. The Contractor shall NOT use metal drums or single piece plastic drums as channelization devices or sign supports.
4. Drums shall present a profile that is a minimum of 18 inches in width at the 36 inch height when viewed from any direction. The height of drum unit (body installed on base) shall be a minimum of 36 inches and a maximum of 42 inches.
5. The top of the drum shall have a built-in handle for easy pickup and shall be designed to drain water and not collect debris. The handle shall have a minimum of two widely spaced 9/16 inch diameter holes to allow attachment of a warning light, warning reflector unit or approved compliant sign.
6. The exterior of the drum body shall have a minimum of four alternating orange and white retroreflective circumferential stripes not less than 4 inches nor greater than 8 inches in width. Any non-reflectorized space between any two adjacent stripes shall not exceed 2 inches in width.
7. Bases shall have a maximum width of 36 inches, a maximum height of 4 inches, and a minimum of two footholds of sufficient size to allow base to be held down while separating the drum body from the base.
8. Plastic drums shall be constructed of ultra-violet stabilized, orange, high-density polyethylene (HDPE) or other approved material.
9. Drum body shall have a maximum unballasted weight of 11 lbs.
10. Drum and base shall be marked with manufacturer's name and model number.

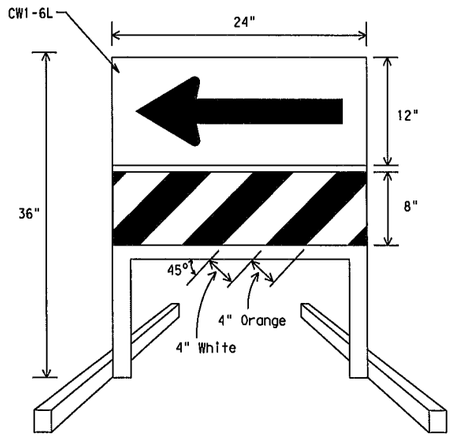
RETROREFLECTIVE SHEETING

1. The stripes used on drums shall be constructed of sheeting meeting the color and retroreflectivity requirements of Departmental Materials Specification DMS-8300, "Sign Face Materials." Type A reflective sheeting shall be supplied unless otherwise specified in the plans.
2. The sheeting shall be suitable for use on and shall adhere to the drum surface such that, upon vehicular impact, the sheeting shall remain adhered in-place and exhibit no delaminating, cracking, or loss of retroreflectivity other than that loss due to abrasion of the sheeting surface.

BALLAST

1. Unballasted bases shall be large enough to hold up to 50 lbs. of sand. This base, when filled with the ballast material, should weigh between 35 lbs (minimum) and 50 lbs (maximum). The ballast may be sand in one to three sandbags separate from the base, sand in a sand-filled plastic base, or other ballasting devices as approved by the Engineer. Stacking of sandbags will be allowed, however height of sandbags above pavement surface may not exceed 12 inches.
2. Bases with built-in ballast shall weigh between 40 lbs. and 50 lbs. Built-in ballast can be constructed of an integral crumb rubber base or a solid rubber base.
3. Recycled truck tire sidewalls may be used for ballast on drums approved for this type of ballast on the CWZTCD list.
4. The ballast shall not be heavy objects, water, or any material that would become hazardous to motorists, pedestrians, or workers when the drum is struck by a vehicle.
5. When used in regions susceptible to freezing, drums shall have drainage holes in the bottoms so that water will not collect and freeze becoming a hazard when struck by a vehicle.
6. Ballast shall not be placed on top of drums.
7. Adhesives may be used to secure base of drums to pavement.

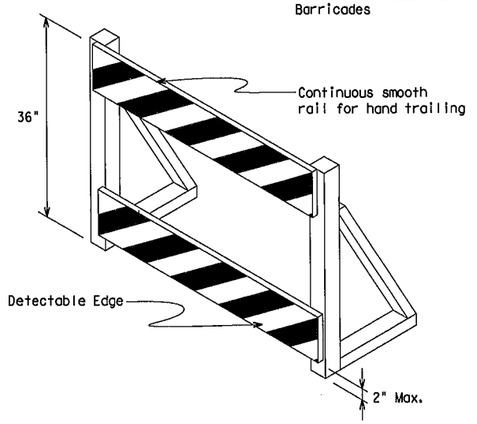




DIRECTION INDICATOR BARRICADE

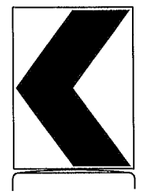
1. The Direction Indicator Barricade may be used in tapers, transitions, and other areas where specific directional guidance to drivers is necessary.
2. If used, the Direction Indicator Barricade should be used in series to direct the driver through the transition and into the intended travel lane.
3. The Direction Indicator Barricade shall consist of One-Direction Large Arrow (CW1-6) sign in the size shown with a black arrow on a background of Type B_{FL} or Type C_{FL} Orange retroreflective sheeting above a rail with Type A retroreflective sheeting in alternating 4" white and orange stripes sloping downward at an angle of 45 degrees in the direction road users are to pass. Sheeting types shall be as per DMS 8300.
4. Double arrows on the Direction Indicator Barricade will not be allowed.
5. Approved manufacturers are shown on the CWZTCD List. Ballast shall be as approved by the manufacturers instructions.

This detail is not intended for fabrication. See note 3 and the CWZTCD list for providers of approved Detectable Pedestrian Barricades

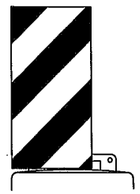


DETECTABLE PEDESTRIAN BARRICADES

1. When existing pedestrian facilities are disrupted, closed, or relocated in a TTC zone, the temporary facilities shall be detectable and include accessibility features consistent with the features present in the existing pedestrian facility.
2. Where pedestrians with visual disabilities normally use the closed sidewalk, a device that is detectable by a person with a visual disability traveling with the aid of a long cane shall be placed across the full width of the closed sidewalk.
3. Detectable pedestrian barricades similar to the one pictured above, longitudinal channelizing devices, some concrete barriers, and wood or chain link fencing with a continuous detectable edging can satisfactorily delineate a pedestrian path.
4. Tape, rope, or plastic chain strung between devices are not detectable, do not comply with the design standards in the "Americans with Disabilities Act Accessibility Guidelines for Buildings and Facilities (ADAAG)" and should not be used as a control for pedestrian movements.
5. Warning lights shall not be attached to detectable pedestrian barricades.
6. Detectable pedestrian barricades may use 8" nominal barricade rails as shown on BC(10) provided that the top rail provides a smooth continuous rail suitable for hand trailing with no splinters, burrs, or sharp edges.



18" x 24" Sign
(Maximum Sign Dimension)
Chevron CW1-8, Opposing Traffic Lane Divider, Driveway sign D70a, Keep Right R4 series or other signs as approved by Engineer



12" x 24"
Vertical Panel
mount with diagonals sloping down towards travel way

Plywood, Aluminum or Metal sign substrates shall NOT be used on plastic drums

SIGNS, CHEVRONS, AND VERTICAL PANELS MOUNTED ON PLASTIC DRUMS

1. Signs used on plastic drums shall be manufactured using substrates listed on the CWZTCD.
2. Chevrons and other work zone signs with an orange background shall be manufactured with Type B_{FL} or Type C_{FL} Orange sheeting meeting the color and retroreflectivity requirements of DMS-8300, "Sign Face Material," unless otherwise specified in the plans.
3. Vertical Panels shall be manufactured with orange and white sheeting meeting the requirements of DMS-8300 Type A Diagonal stripes on Vertical Panels shall slope down toward the intended traveled lane.
4. Other sign messages (text or symbolic) may be used as approved by the Engineer. Sign dimensions shall not exceed 18 inches in width or 24 inches in height, except for the R9 series signs discussed in note 8 below.
5. Signs shall be installed using a 1/2 inch bolt (nominal) and nut, two washers, and one locking washer for each connection.
6. Mounting bolts and nuts shall be fully engaged and adequately torqued. Bolts should not extend more than 1/2 inch beyond nuts.
7. Chevrons may be placed on drums on the outside of curves, on merging tapers or on shifting tapers. When used in these locations they may be placed on every drum or spaced not more than on every third drum. A minimum of three (3) should be used at each location called for in the plans.
8. R9-9, R9-10, R9-11 and R9-11a Sidewalk Closed signs which are 24 inches wide may be mounted on plastic drums, with approval of the Engineer.

Texas Department of Transportation | Traffic Operations Division Standard

BARRICADE AND CONSTRUCTION CHANNELIZING DEVICES

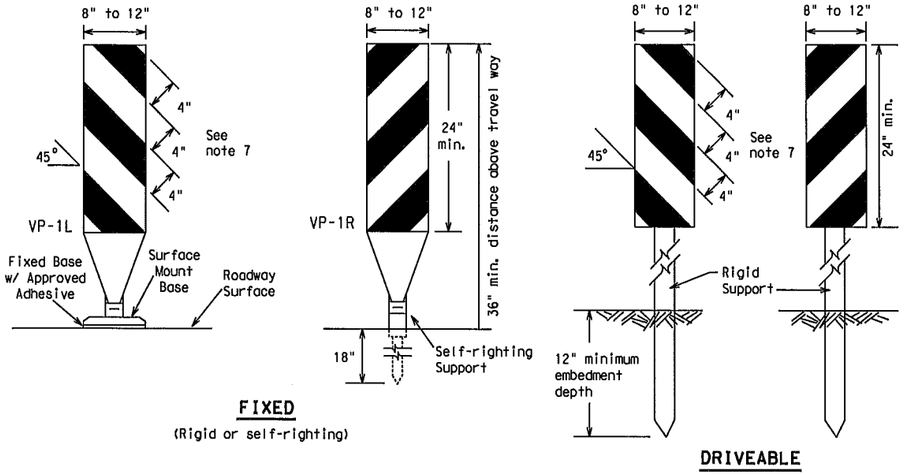
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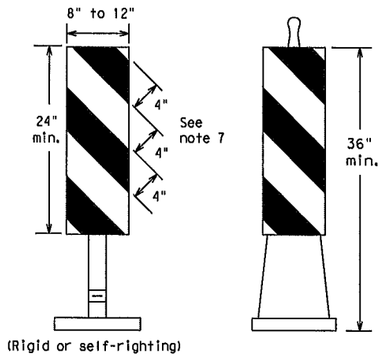
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FIXED
(Rigid or self-righting)

DRIVEABLE

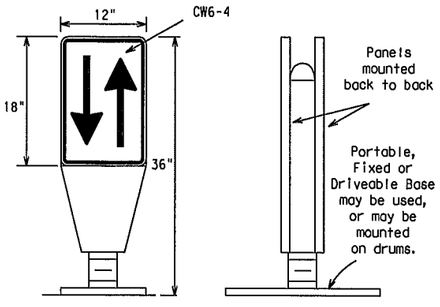


(Rigid or self-righting)

PORTABLE

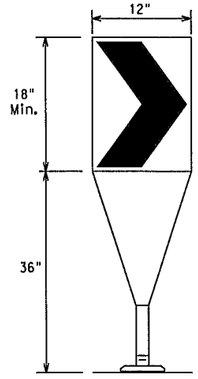
1. Vertical Panels (VP's) are normally used to channelize traffic or divide opposing lanes of traffic.
2. VP's may be used in daytime or nighttime situations. They may be used at the edge of shoulder drop-offs and other areas such as lane transitions where positive daytime and nighttime delineation is required. The Engineer/Inspector shall refer to the Roadway Design Manual Appendix B "Treatment of Pavement Drop-offs in Work Zones" for additional guidelines on the use of VP's for drop-offs.
3. VP's should be mounted back to back if used at the edge of cuts adjacent to two-way two lane roadways. Stripes are to be reflective orange and reflective white and should always slope downward toward the travel lane.
4. VP's used on expressways and freeways or other high speed roadways, may have more than 270 square inches of retroreflective area facing traffic.
5. Self-righting supports are available with portable base. See "Compliant Work Zone Traffic Control Devices List" (CWZTCD).
6. Sheeting for the VP's shall be retroreflective Type A conforming to Departmental Material Specification DMS-8300, unless noted otherwise.
7. Where the height of reflective material on the vertical panel is 36 inches or greater, a panel stripe of 6 inches shall be used.

VERTICAL PANELS (VPs)



1. Opposing Traffic Lane Dividers (OTLD) are delineation devices designed to convert a normal one-way roadway section to two-way operation. OTLD's are used on temporary centerlines. The upward and downward arrows on the sign's face indicate the direction of traffic on either side of the divider. The base is secured to the pavement with an adhesive or rubber weight to minimize movement caused by a vehicle impact or wind gust.
2. The OTLD may be used in combination with 42" cones or VPs.
3. Spacing between the OTLD shall not exceed 500 feet. 42" cones or VPs placed between the OTLD's should not exceed 100 foot spacing.
4. The OTLD shall be orange with a black non-reflective legend. Sheeting for the OTLD shall be retroreflective Type B_{FL} or Type C_{FL} conforming to Departmental Material Specification DMS-8300, unless noted otherwise. The legend shall meet the requirements of DMS-8300.

OPPOSING TRAFFIC LANE DIVIDERS (OTLD)



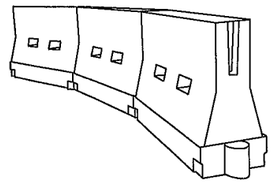
Fixed Base w/ Approved Adhesive (Driveable Base, or Flexible Support can be used)

1. The chevron shall be a vertical rectangle with a minimum size of 12 by 18 inches.
2. Chevrons are intended to give notice of a sharp change of alignment with the direction of travel and provide additional emphasis and guidance for vehicle operators with regard to changes in horizontal alignment of the roadway.
3. Chevrons, when used, shall be erected on the outside of a sharp curve or turn, or on the far side of an intersection. They shall be in line with and at right angles to approaching traffic. Spacing should be such that the motorist always has three in view, until the change in alignment eliminates its need.
4. To be effective, the chevron should be visible for at least 500 feet.
5. Chevrons shall be orange with a black nonreflective legend. Sheeting for the chevron shall be retroreflective Type B_{FL} or Type C_{FL} conforming to Departmental Material Specification DMS-8300, unless noted otherwise. The legend shall meet the requirements of DMS-8300.
6. For Long Term Stationary use on tapers or transitions on freeways and divided highways self-righting chevrons may be used to supplement plastic drums but not to replace plastic drums.

CHEVRONS

GENERAL NOTES

1. Work Zone channelizing devices illustrated on this sheet may be installed in close proximity to traffic and are suitable for use on high or low speed roadways. The Engineer/Inspector shall ensure that spacing and placement is uniform and in accordance with the "Texas Manual on Uniform Traffic Control Devices" (TMUTCD).
2. Channelizing devices shown on this sheet may have a driveable, fixed or portable base. The requirement for self-righting channelizing devices must be specified in the General Notes or other plan sheets.
3. Channelizing devices on self-righting supports should be used in work zone areas where channelizing devices are frequently impacted by errant vehicles or vehicle related wind gusts making alignment of the channelizing devices difficult to maintain. Locations of these devices shall be detailed elsewhere in the plans. These devices shall conform to the TMUTCD and the "Compliant Work Zone Traffic Control Devices List" (CWZTCD).
4. The Contractor shall maintain devices in a clean condition and replace damaged, nonreflective, faded, or broken devices and bases as required by the Engineer/Inspector. The Contractor shall be required to maintain proper device spacing and alignment.
5. Portable bases shall be fabricated from virgin and/or recycled rubber. The portable bases shall weigh a minimum of 30 lbs.
6. Pavement surfaces shall be prepared in a manner that ensures proper bonding between the adhesives, the fixed mount bases and the pavement surface. Adhesives shall be prepared and applied according to the manufacturer's recommendations.
7. The installation and removal of channelizing devices shall not cause detrimental effects to the final pavement surfaces, including pavement surface discoloration or surface integrity. Driveable bases shall not be permitted on final pavement surfaces. The Engineer/Inspector shall approve all application and removal procedures of fixed bases.



LONGITUDINAL CHANNELIZING DEVICES (LCD)

1. LCDs are crashworthy, lightweight, deformable devices that are highly visible, have good target value and can be connected together. They are not designed to contain or redirect a vehicle on impact.
2. LCDs may be used instead of a line of cones or drums.
3. LCDs shall be placed in accordance to application and installation requirements specific to the device, and used only when shown on the CWZTCD list.
4. LCDs should not be used to provide positive protection for obstacles, pedestrians or workers.
5. LCDs shall be supplemented with retroreflective delineation as required for temporary barriers on BC(7) when placed roughly parallel to the travel lanes.
6. LCDs used as barricades placed perpendicular to traffic should have at least one row of reflective sheeting meeting the requirements for barricade rails as shown on BC(10) placed near the top of the LCD along the full length of the device.

WATER BALLASTED SYSTEMS USED AS BARRIERS

1. Water ballasted systems used as barriers shall not be used solely to channelize road users, but also to protect the work space per the appropriate NCHRP 350 crashworthiness requirements bosed on roadway speed and barrier application.
2. Water ballasted systems used to channelize vehicular traffic shall be supplemented with retroreflective delineation or channelizing devices to improve daytime/nighttime visibility. They may also be supplemented with pavement markings.
3. Water ballasted systems used as barriers shall be placed in accordance to application and installation requirements specific to the device, and used only when shown on the CWZTCD list.
4. Water ballasted systems used as barriers should not be used for a merging taper except in low speed (less than 45 MPH) urban areas. When used on a taper in a low speed urban area, the taper shall be delineated and the taper length should be designed to optimize road user operations considering the available geometric conditions.
5. When water ballasted systems used as barriers have blunt ends exposed to traffic, they should be attenuated as per manufacturer recommendations or flared to a point outside the clear zone.

If used to channelize pedestrians, longitudinal channelizing devices or water ballasted systems must have a continuous detectable bottom for users of long canes and the top of the unit shall not be less than 32 inches in height.

HOLLOW OR WATER BALLASTED SYSTEMS USED AS LONGITUDINAL CHANNELIZING DEVICES OR BARRIERS

Posted Speed *	Formula	Minimum Desirable Taper Lengths ** 10' Offset	11' Offset	12' Offset	Suggested Maximum Spacing of Channelizing Devices On a Taper	On a Tangent
30	$L=\frac{WS^2}{60}$	150′	165′	180′	30′	60′
35		205′	225′	245′	35′	70′
40		265′	295′	320′	40′	80′
45	L=WS	450′	495′	540′	45′	90′
50		500′	550′	600′	50′	100′
55		550′	605′	660′	55′	110′
60		600′	660′	720′	60′	120′
65		650′	715′	780′	65′	130′
70		700′	770′	840′	70′	140′
75		750′	825′	900′	75′	150′
80		800′	880′	960′	80′	160′

** Taper lengths have been rounded off.
L=Length of Taper (FT.) W=Width of Offset (FT.)
S=Posted Speed (MPH)

SUGGESTED MAXIMUM SPACING OF CHANNELIZING DEVICES AND MINIMUM DESIRABLE TAPER LENGTHS

Texas Department of Transportation | Traffic Operations Division Standard

BARRICADE AND CONSTRUCTION CHANNELIZING DEVICES

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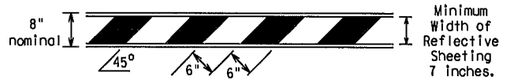
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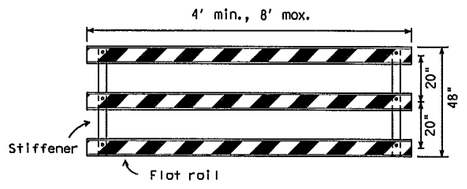
TYPE 3 BARRICADES

1. Refer to the Compliant Work Zone Traffic Control Devices List (CWZTCD) for details of the Type 3 Barricades and a list of all materials used in the construction of Type 3 Barricades.
2. Type 3 Barricades shall be used at each end of construction projects closed to all traffic.
3. Barricades extending across a roadway should have stripes that slope downward in the direction toward which traffic must turn in detouring. When both right and left turns are provided, the chevron striping may slope downward in both directions from the center of the barricade. Where no turns are provided at a closed rood striping should slope downward in both directions toward the center of roadway.
4. Striping of rails, for the right side of the roadway, should slope downward to the left. For the left side of the roadway, striping should slope downward to the right.
5. Identificotion markings may be shown only on the back of the barricade rails. The maximum height of letters and/or company logos used for identification shall be 1".
6. Barricades shall not be placed parallel to traffic unless an adequote clear zone is provided.
7. Worning lights shall NOT be installed on barricades.
8. Where barricades require the use of weights to keep from turning over, the use of sandbags with dry, cohesionless sand is recommended. The sandbags will be tied shut to keep the sond from spilling ond to maintain a constant weight. Sond bags shall not be stacked in o manner thot covers any portion of a barricade rails reflective sheeting. Rock, concrete, iron, steel or other solid objects will NOT be permitted. Sandbags should weigh a minimum of 35 lbs and a maximum of 50 lbs. Sandbags shall be made of o durable material thot tears upon vehicular impact. Rubber (such as tire inner tubes) shall not be used for sandbags. Sandbags shall only be placed along or upon the base supports of the device and shall not be suspended above ground level or hung with rope, wire, chains or other fasteners.
9. Sheeting for barricades shall be retroreflective Type A conforming to Departmental Moterial Specification DMS-8300 unless otherwise noted.

Barricades shall NOT be used as a sign support.



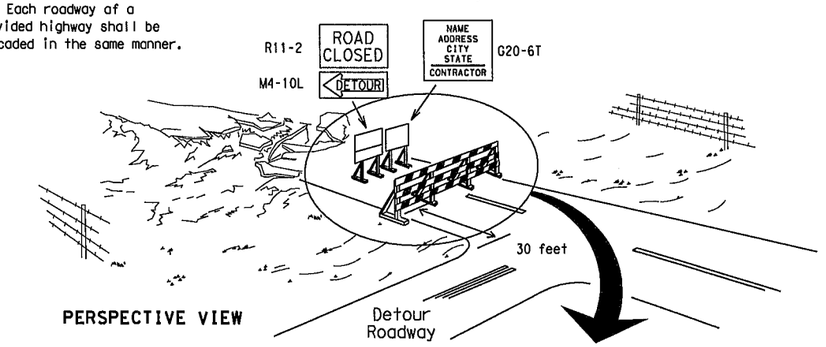
TYPICAL STRIPING DETAIL FOR BARRICADE RAIL



Stiffener may be inside or outside of support, but no more than 2 stiffeners shall be allowed on one barricade.

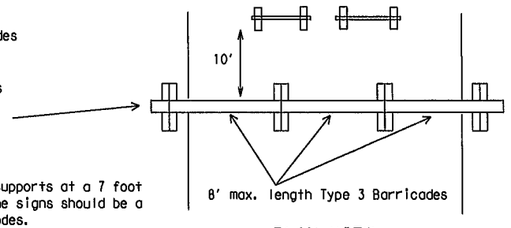
TYPICAL PANEL DETAIL FOR SKID OR POST TYPE BARRICADES

Each roadway of a divided highway shall be barricaded in the same manner.



PERSPECTIVE VIEW

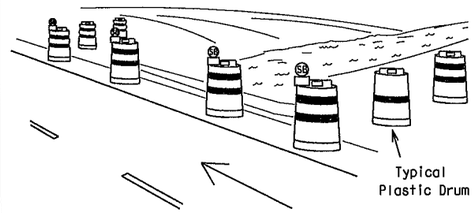
The three rails on Type 3 barricades shall be reflectorized orange and reflective white stripes on one side facing one-way traffic and both sides for two-way traffic.
Barricade striping should slant downward in the direction of detour.



PLAN VIEW

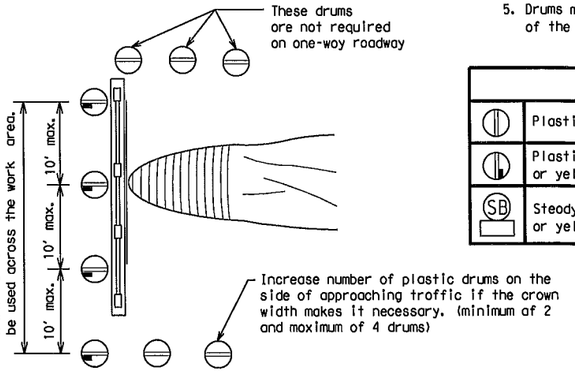
1. Signs should be mounted on independent supports at a 7 foot mounting height in center of roadway. The signs should be a minimum of 10 feet behind Type 3 Barricades.
2. Advance signing shall be as specified elsewhere in the plans.

TYPE 3 BARRICADE (POST AND SKID) TYPICAL APPLICATION



PERSPECTIVE VIEW

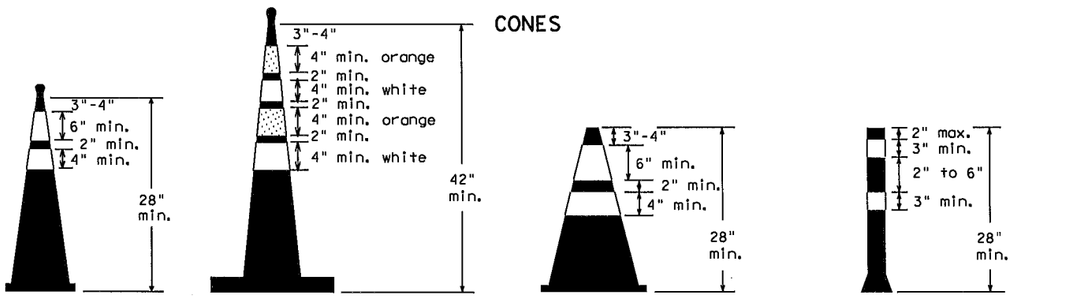
1. Where positive redirectional capability is provided, drums may be omitted.
2. Plastic construction fencing may be used with drums for safety as required in the plans.
3. Vertical Panels on flexible support may be substituted for drums when the shoulder width is less than 4 feet.
4. When the shoulder width is greater than 12 feet, steady-burn lights may be omitted if drums are used.
5. Drums must extend the length of the culvert widening.



PLAN VIEW

LEGEND	
	Plastic drum
	Plastic drum with steady burn light or yellow warning reflector
SB	Steady burn warning light or yellow warning reflector

CULVERT WIDENING OR OTHER ISOLATED WORK WITHIN THE PROJECT LIMITS

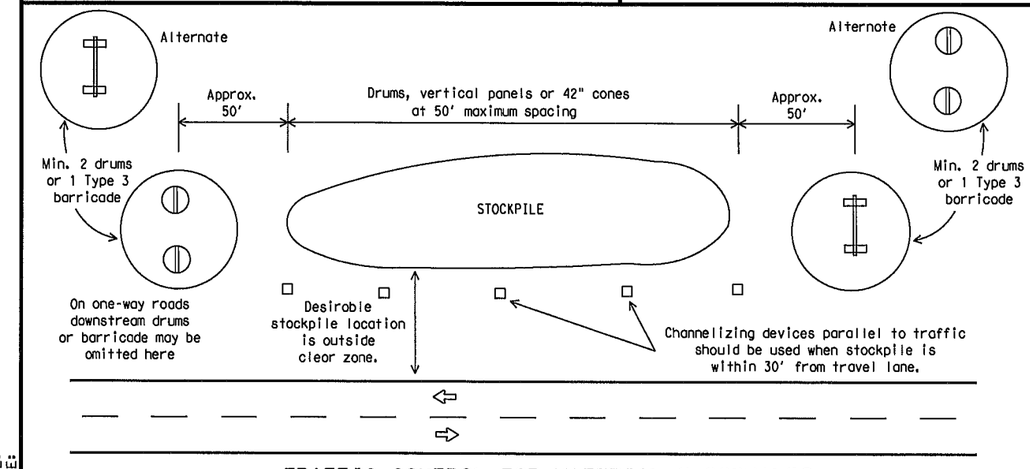


Two-Piece cones | One-Piece cones | Tubular Marker

28" Cones shall have a minimum weight of 9 1/2 lbs.

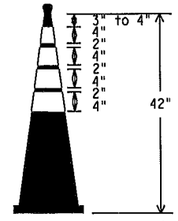
42" 2-piece cones shall have a minimum weight of 30 lbs. including base.

1. Traffic cones and tubular markers shall be predominantly orange, and meet the height and weight requirements shown above.
2. One-piece cones have the body and base of the cone molded in one consolidated unit. Two-piece cones have a cone shaped body and a separate rubber base, or ballast, that is added to keep the device upright and in place.
3. Two-piece cones may have a handle or loop extending up to 8" above the minimum height shown, in order to aid in retrieving the device.
4. Cones or tubular markers used at night shall have white or white and orange reflective bands as shown above. The reflective bands shall have a smooth, sealed outer surface and meet the requirements of Departmental Material Specification DMS-8300 Type A.
5. 28" cones and tubular markers are generally suitable for short duration and short-term stationary work as defined on BC(4). These should not be used for intermediate-term or long-term stationary work unless personnel is on-site to maintain them in their proper upright position.
6. 42" two-piece cones, vertical panels or drums are suitable for all work zone durations.
7. Cones or tubular markers used on each project should be of the same size and shape.



TRAFFIC CONTROL FOR MATERIAL STOCKPILES

THIS DEVICE SHALL NOT BE USED ON PROJECTS LET AFTER MARCH 2014.



EDGELINE CHANNELIZER

1. This device is intended only for use in place of a vertical panel to channelize traffic by indicating the edge of the travel lane. It is not intended to be used in transitions or tapers.
2. This device shall not be used to separate lanes of traffic (opposing or otherwise) or warn of objects.
3. This device is based on a 42 inch, two-piece cone with an alternate striping pattern: four 4 inch retroreflective bands, with an approximate 2 inch gap between bands. The color of the band should correspond to the color of the edgeline (yellow for left edgeline, white for right edgeline) for which the device is substituted or for which it supplements. The reflectorized bands shall be retroreflective Type A conforming to Departmental Material Specification DMS-8300, unless otherwise noted.
4. The base must weigh a minimum of 30 lbs.

Texas Department of Transportation | Traffic Operations Division Standard

BARRICADE AND CONSTRUCTION CHANNELIZING DEVICES

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WORK ZONE PAVEMENT MARKINGS

GENERAL

1. The Contractor shall be responsible for maintaining work zone and existing pavement markings, in accordance with the standard specifications and special provisions, on all roadways open to traffic within the CSJ limits unless otherwise stated in the plans.
2. Color, patterns and dimensions shall be in conformance with the "Texas Manual on Uniform Traffic Control Devices" (TMUTCD).
3. Additional supplemental pavement marking details may be found in the plans or specifications.
4. Pavement markings shall be installed in accordance with the TMUTCD and as shown on the plans.
5. When short term markings are required on the plans, short term markings shall conform with the TMUTCD, the plans and details as shown on the Standard Plan Sheet WZ(STPM).
6. When standard pavement markings are not in place and the roadway is opened to traffic, DO NOT PASS signs shall be erected to mark the beginning of the sections where passing is prohibited and PASS WITH CARE signs at the beginning of sections where passing is permitted.
7. All work zone pavement markings shall be installed in accordance with Item 662, "Work Zone Pavement Markings."

RAISED PAVEMENT MARKERS

1. Raised pavement markers are to be placed according to the patterns on BC(12).
2. All raised pavement markers used for work zone markings shall meet the requirements of Item 672, "RAISED PAVEMENT MARKERS" and Departmental Material Specification DMS-4200 or DMS-4300.

PREFABRICATED PAVEMENT MARKINGS

1. Removable prefabricated pavement markings shall meet the requirements of DMS-8241.
2. Non-removable prefabricated pavement markings (foil back) shall meet the requirements of DMS-8240.

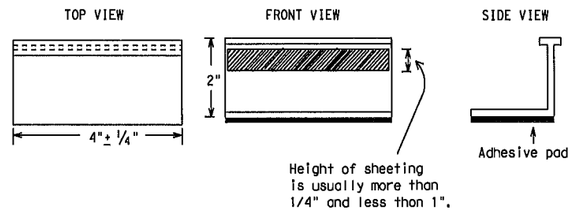
MAINTAINING WORK ZONE PAVEMENT MARKINGS

1. The Contractor will be responsible for maintaining work zone pavement markings within the work limits.
2. Work zone pavement markings shall be inspected in accordance with the frequency and reporting requirements of work zone traffic control device inspections as required by Form 599.
3. The markings should provide a visible reference for a minimum distance of 300 feet during normal daylight hours and 160 feet when illuminated by automobile low-beam headlights at night, unless sight distance is restricted by roadway geometrics.
4. Markings failing to meet this criteria within the first 30 days after placement shall be replaced at the expense of the Contractor as per Specification Item 662.

REMOVAL OF PAVEMENT MARKINGS

1. Pavement markings that are no longer applicable, could create confusion or direct a motorist toward or into the closed portion of the roadway shall be removed or obliterated before the roadway is opened to traffic.
2. The above shall not apply to detours in place for less than three days, where flaggers and/or sufficient channelizing devices are used in lieu of markings to outline the detour route.
3. Pavement markings shall be removed to the fullest extent possible, so as not to leave a discernable marking. This shall be by any method approved by TxDOT Specification Item 677 for "Eliminating Existing Pavement Markings and Markers".
4. The removal of pavement markings may require resurfacing or seal coating portions of the roadway as described in Item 677.
5. Subject to the approval of the Engineer, any method that proves to be successful on a particular type pavement may be used.
6. Blast cleaning may be used but will not be required unless specifically shown in the plans.
7. Over-painting of the markings SHALL NOT BE permitted.
8. Removal of raised pavement markers shall be as directed by the Engineer.
9. Removal of existing pavement markings and markers will be paid for directly in accordance with Item 677, "ELIMINATING EXISTING PAVEMENT MARKINGS AND MARKERS," unless otherwise stated in the plans.
10. Black-out marking tape may be used to cover conflicting existing markings for periods less than two weeks when approved by the Engineer.

Temporary Flexible-Reflective Roadway Marker Tabs



STAPLES OR NAILS SHALL NOT BE USED TO SECURE TEMPORARY FLEXIBLE-REFLECTIVE ROADWAY MARKER TABS TO THE PAVEMENT SURFACE

1. Temporary flexible-reflective roadway marker tabs used as guidemarks shall meet the requirements of DMS-8242.
2. Tabs detailed on this sheet are to be inspected and accepted by the Engineer or designated representative. Sampling and testing is not normally required, however at the option of the Engineer, either "A" or "B" below may be imposed to assure quality before placement on the roadway.
   A. Select five (5) or more tabs at random from each lot or shipment and submit to the Construction Division, Materials and Pavement Section to determine specification compliance.
   B. Select five (5) tabs and perform the following test. Affix five (5) tabs at 24 inch intervals on an asphaltic pavement in a straight line. Using a medium size passenger vehicle or pickup, run over the markers with the front and rear tires at a speed of 35 to 40 miles per hour, four (4) times in each direction. No more than one (1) out of the five (5) reflective surfaces shall be lost or displaced as a result of this test.
3. Small design variances may be noted between tab manufacturers.
4. See Standard Sheet WZ(STPM) for tab placement on new pavements. See Standard Sheet TCP(7-1) for tab placement on seal coat work.

RAISED PAVEMENT MARKERS USED AS GUIDEMARKS

1. Raised pavement markers used as guidemarks shall be from the approved product list, and meet the requirements of DMS-4200.
2. All temporary construction raised pavement markers provided on a project shall be of the same manufacturer.
3. Adhesive for guidemarks shall be bituminous material hot applied or butyl rubber pad for all surfaces, or thermoplastic for concrete surfaces.

Guidemarks shall be designated as:
YELLOW - (two amber reflective surfaces with yellow body).
WHITE - (one silver reflective surface with white body).

DEPARTMENTAL MATERIAL SPECIFICATIONS	
PAVEMENT MARKERS (REFLECTORIZED)	DMS-4200
TRAFFIC BUTTONS	DMS-4300
EPOXY AND ADHESIVES	DMS-6100
BITUMINOUS ADHESIVE FOR PAVEMENT MARKERS	DMS-6130
PERMANENT PREFABRICATED PAVEMENT MARKINGS	DMS-8240
TEMPORARY REMOVABLE, PREFABRICATED PAVEMENT MARKINGS	DMS-8241
TEMPORARY FLEXIBLE, REFLECTIVE ROADWAY MARKER TABS	DMS-8242

A list of prequalified reflective raised pavement markers, non-reflective traffic buttons, roadway marker tabs and other pavement markings can be found at the Material Producer List web address shown on BC(1).

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BARRICADE AND CONSTRUCTION PAVEMENT MARKINGS

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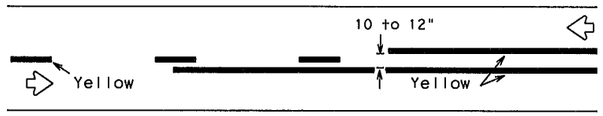
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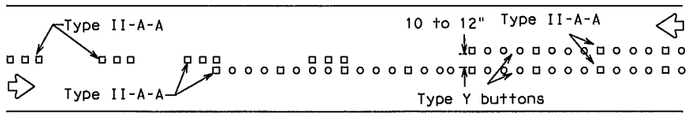
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DATE:
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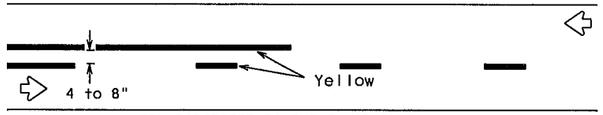
PAVEMENT MARKING PATTERNS



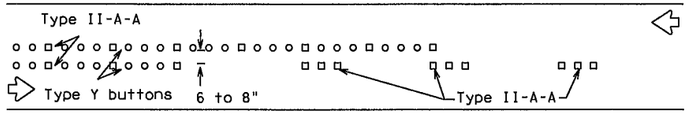
REFLECTORIZED PAVEMENT MARKINGS - PATTERN A



RAISED PAVEMENT MARKERS - PATTERN A



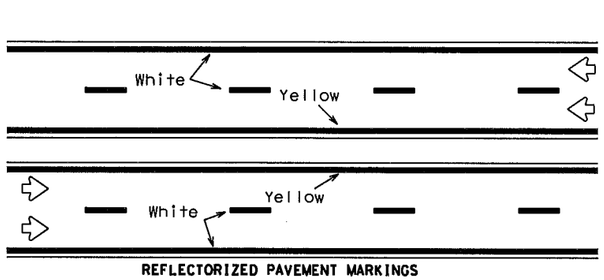
REFLECTORIZED PAVEMENT MARKINGS - PATTERN B



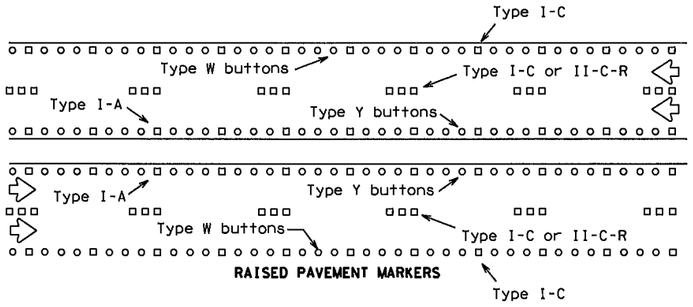
RAISED PAVEMENT MARKERS - PATTERN B

Pattern A is the TXDOT Standard, however Pattern B may be used if approved by the Engineer.
Prefabricated markings may be substituted for reflectorized pavement markings.

CENTER LINE & NO-PASSING ZONE BARRIER LINES FOR TWO-LANE, TWO-WAY HIGHWAYS



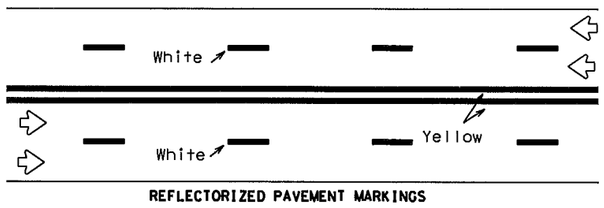
REFLECTORIZED PAVEMENT MARKINGS



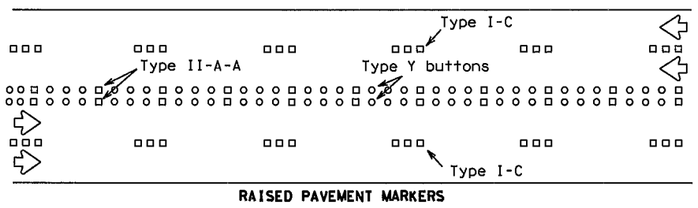
RAISED PAVEMENT MARKERS

Prefabricated markings may be substituted for reflectorized pavement markings.

EDGE & LANE LINES FOR DIVIDED HIGHWAY



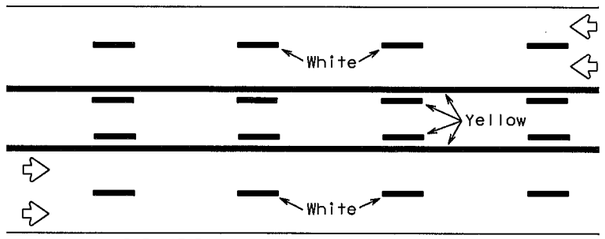
REFLECTORIZED PAVEMENT MARKINGS



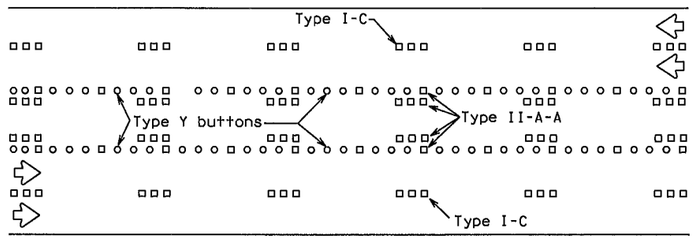
RAISED PAVEMENT MARKERS

Prefabricated markings may be substituted for reflectorized pavement markings.

LANE & CENTER LINES FOR MULTILANE UNDIVIDED HIGHWAYS



REFLECTORIZED PAVEMENT MARKINGS



RAISED PAVEMENT MARKERS

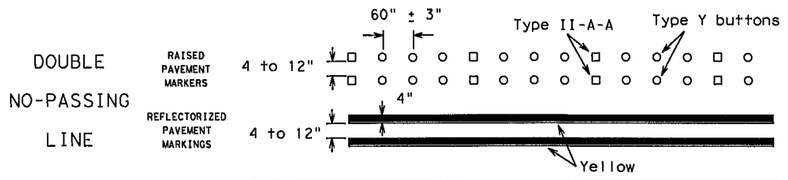
Prefabricated markings may be substituted for reflectorized pavement markings.

TWO-WAY LEFT TURN LANE

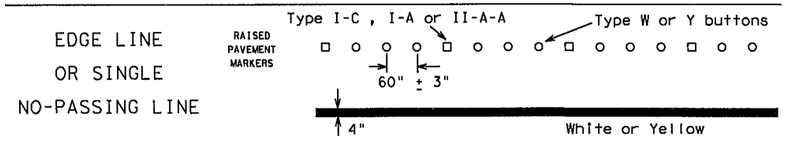
STANDARD WORK ZONE PAVEMENT MARKINGS DETAILS

SOLID LINES

DOUBLE NO-PASSING LINE

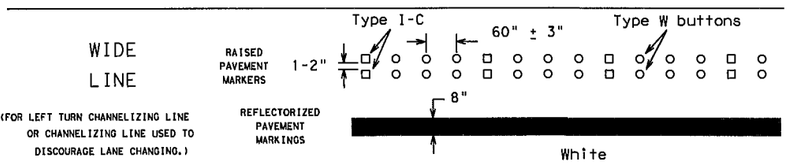


EDGE LINE OR SINGLE NO-PASSING LINE



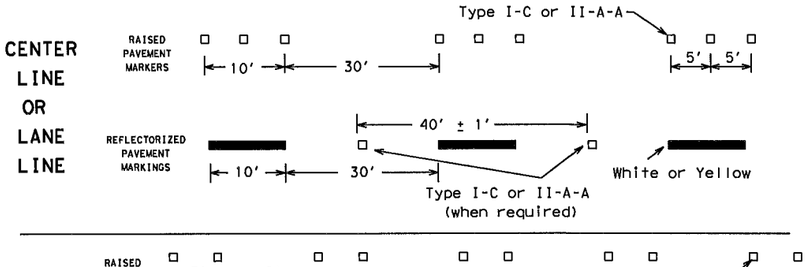
WIDE LINE

(FOR LEFT TURN CHANNELIZING LINE OR CHANNELIZING LINE USED TO DISCOURAGE LANE CHANGING.)

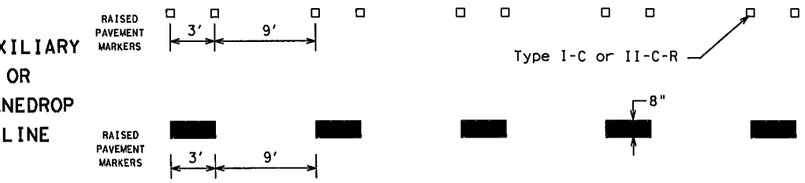


BROKEN LINES

CENTER LINE OR LANE LINE

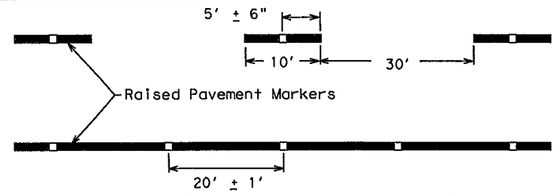


AUXILIARY OR LANEDROP LINE



REMOVABLE MARKINGS WITH RAISED PAVEMENT MARKERS

If raised pavement markers are used to supplement REMOVABLE markings, the markers shall be applied to the top of the tape at the approximate mid length of tape used for broken lines or at 20 foot spacing for solid lines. This allows an easier removal of raised pavement markers and tape.



Centerline only - not to be used on edge lines

Raised pavement markers used as standard pavement markings shall be from the approved products list and meet the requirements of Item 672 "RAISED PAVEMENT MARKERS."

SHEET 12 OF 12

Texas Department of Transportation

Traffic Operations Division Standard

BARRICADE AND CONSTRUCTION PAVEMENT MARKING PATTERNS

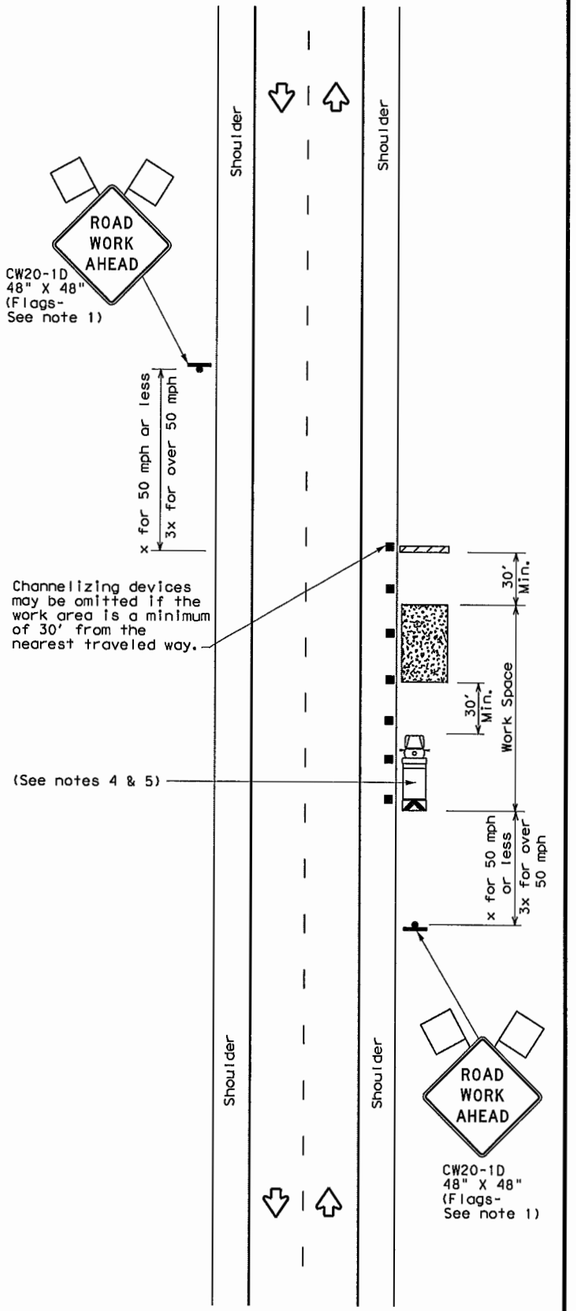
BC(12)-14

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© TxDOT February 1998	CONT	SECT	JOB	HIGHWAY
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2-98 7-13				4085
11-02 8-14				

106

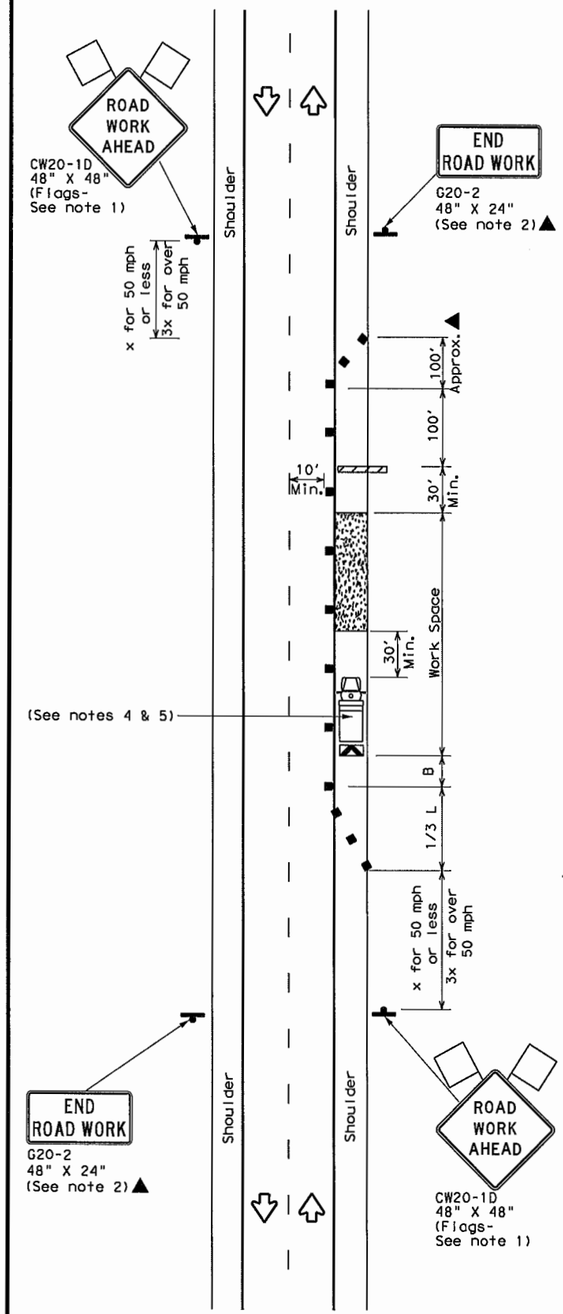
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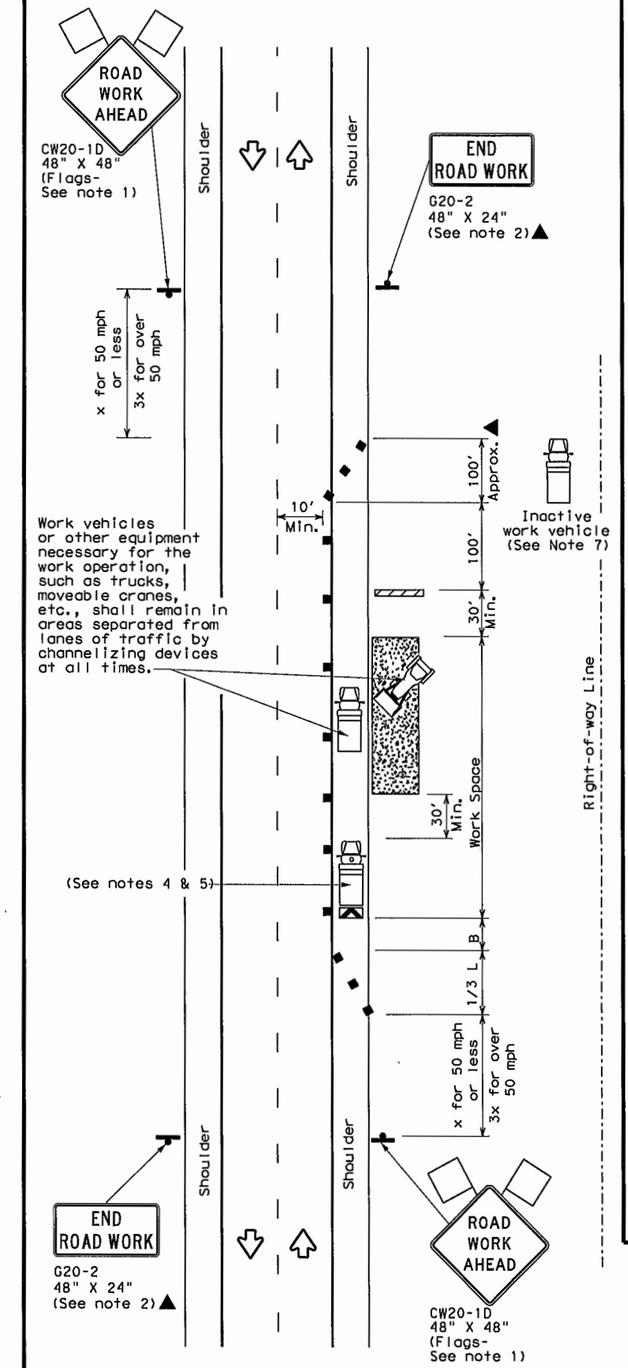
TCP (2-1a)

WORK SPACE NEAR SHOULDER
Conventional Roads



TCP (2-1b)

WORK SPACE ON SHOULDER
Conventional Roads



TCP (2-1c)

WORK VEHICLES ON SHOULDER
Conventional Roads

LEGEND			
	Type 3 Barricade		Channelizing Devices
	Heavy Work Vehicle		Truck Mounted Attenuator (TMA)
	Trailer Mounted Flashing Arrow Board	M	Portable Changeable Message Sign (PCMS)
	Sign		Traffic Flow
	Flag		Flagger

Posted Speed *	Formula	Minimum Desirable Taper Lengths ** 10' Offset	11' Offset	12' Offset	Suggested Maximum Spacing of Channelizing Devices: On a Taper	On a Tangent	Minimum Sign Spacing "X" Distance	Suggested Longitudinal Buffer Space "B"
30	$L=\frac{WS^2}{60}$	150'	165'	180'	30'	60'	120'	90'
35		205'	225'	245'	35'	70'	160'	120'
40		265'	295'	320'	40'	80'	240'	155'
45	L=WS	450'	495'	540'	45'	90'	320'	195'
50		500'	550'	600'	50'	100'	400'	240'
55		550'	605'	660'	55'	110'	500'	295'
60		600'	660'	720'	60'	120'	600'	350'
65		650'	715'	780'	65'	130'	700'	410'
70		700'	770'	840'	70'	140'	800'	475'
75		750'	825'	900'	75'	150'	900'	540'

* Conventional Roads Only

** Taper lengths have been rounded off.
L=Length of Taper(FT) W=Width of Offset(FT) S=Posted Speed(MPH)

TYPICAL USAGE				
MOBILE	SHORT DURATION	SHORT TERM STATIONARY	INTERMEDIATE TERM STATIONARY	LONG TERM STATIONARY
	✓	✓	✓	✓

GENERAL NOTES

1. Flags attached to signs where shown, are REQUIRED.
2. All traffic control devices illustrated are REQUIRED, except those denoted with the triangle symbol may be omitted when stated in the plans, or for routine maintenance work, when approved by the Engineer.
3. Stockpiled material should be placed a minimum of 30 feet from nearest traveled way.
4. Shadow Vehicle with TMA and high intensity rotating, flashing, oscillating or strobe lights. A Shadow Vehicle with a TMA should be used anytime it can be positioned 30 to 100 feet in advance of the area of crew exposure without adversely affecting the performance or quality of the work. If workers are no longer present but road or work conditions require the traffic control to remain in place, Type 3 Barricades or other channelizing devices may be substituted for the Shadow Vehicle and TMA.
5. Additional Shadow Vehicles with TMAs may be positioned off the paved surface, next to those shown in order to protect a wider work space.
6. See TCP(5-1) for shoulder work on divided highways, expressways and freeways.
7. Inactive work vehicles or other equipment should be parked near the right-of-way line and not parked on the paved shoulder.
8. CW21-5 "SHOULDER WORK" signs may be used in place of CW21-1D "ROAD WORK AHEAD" signs for shoulder work on conventional roadways.

Texas Department of Transportation — Traffic Operations Division Standard

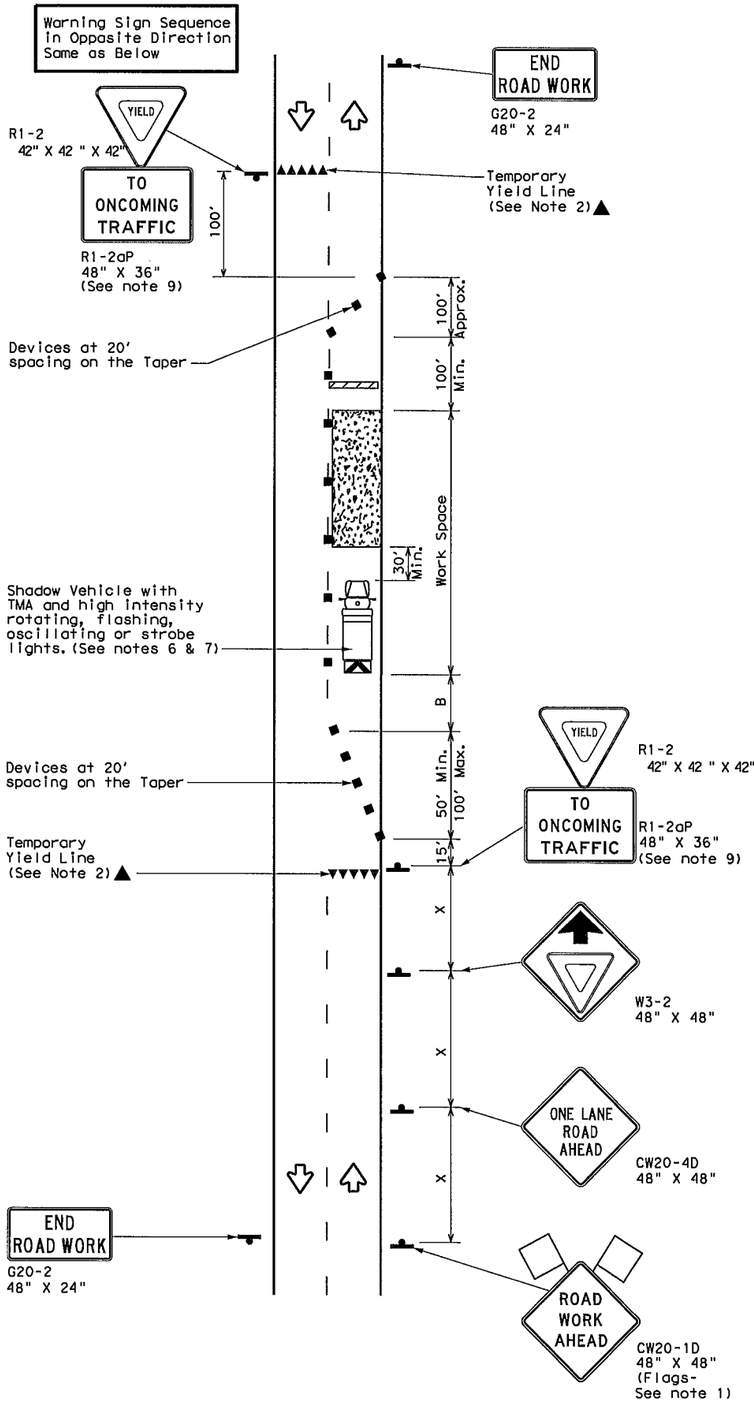
TRAFFIC CONTROL PLAN CONVENTIONAL ROAD SHOULDER WORK

TCP(2-1)-18

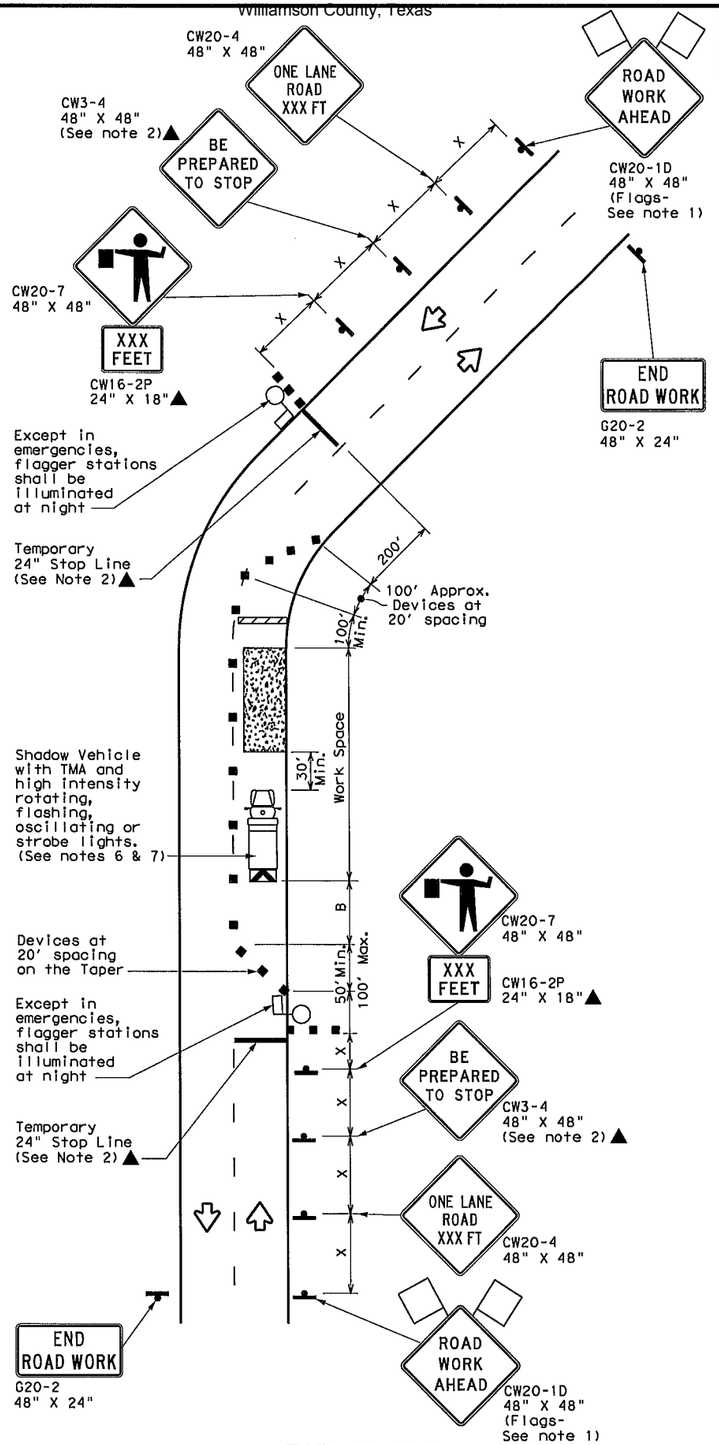
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© TxDOT December 1985	CONT	SECT	JOB	HIGHWAY
REVISIONS 2-94 4-98 8-95 2-12 1-97 2-18	DIST	COUNTY		SHEET NO. 49

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TCP (2-2a)
2-LANE ROADWAY WITHOUT PAVED SHOULDERS
ONE LANE TWO-WAY
CONTROL WITH YIELD SIGNS
(Less than 2000 ADT - See Note 9)



TCP (2-2b)
2-LANE ROADWAY WITHOUT PAVED SHOULDERS
ONE LANE TWO-WAY
CONTROL WITH FLAGGERS

LEGEND			
	Type 3 Barricade		Channelizing Devices
	Heavy Work Vehicle		Truck Mounted Attenuator (TMA)
	Trailer Mounted Flashing Arrow Board	M	Portable Changeable Message Sign (PCMS)
	Sign		Traffic Flow
	Flag		Flagger

Posted Speed *	Formula	Minimum Desirable Taper Lengths ** 10' Offset	11' Offset	12' Offset	Suggested Maximum Spacing of Channelizing Devices On a Taper	On a Tangent	Minimum Sign Spacing "X" Distance	Suggested Longitudinal Buffer Space "B"	Stopping Sight Distance
30	$L=\frac{WS^2}{60}$	150'	165'	180'	30'	60'	120'	90'	200'
35		205'	225'	245'	35'	70'	160'	120'	250'
40		265'	295'	320'	40'	80'	240'	155'	305'
45	L=WS	450'	495'	540'	45'	90'	320'	195'	360'
50		500'	550'	600'	50'	100'	400'	240'	425'
55		550'	605'	660'	55'	110'	500'	295'	495'
60		600'	660'	720'	60'	120'	600'	350'	570'
65		650'	715'	780'	65'	130'	700'	410'	645'
70		700'	770'	840'	70'	140'	800'	475'	730'
75		750'	825'	900'	75'	150'	900'	540'	820'

* Conventional Roads Only
** Taper lengths have been rounded off.
L=Length of Taper(FT) W=Width of Offset(FT) S=Posted Speed(MPH)

TYPICAL USAGE				
MOBILE	SHORT DURATION	SHORT TERM STATIONARY	INTERMEDIATE TERM STATIONARY	LONG TERM STATIONARY
	✓	✓	✓	

GENERAL NOTES

1. Flags attached to signs where shown, are REQUIRED.
2. All traffic control devices illustrated are REQUIRED, except those denoted with the triangle symbol may be omitted when stated elsewhere in the plans, or for routine maintenance work, when approved by the Engineer.
3. The CW3-4 "BE PREPARED TO STOP" sign may be installed after the CW20-4 "ONE LANE ROAD XXX FT" sign, but proper sign spacing shall be maintained.
4. Flaggers should use two-way radios or other methods of communication to control traffic.
5. Length of work space should be based on the ability of flaggers to communicate.
6. A Shadow Vehicle with a TMA should be used anytime it can be positioned 30 to 100 feet in advance of the area of crew exposure without adversely affecting the performance or quality of the work. If workers are no longer present but road or work conditions require the traffic control to remain in place, Type 3 Barricades or other channelizing devices may be substituted for the Shadow Vehicle and TMA.
7. Additional Shadow Vehicles with TMAs may be positioned off the paved surface, next to those shown in order to protect a wider work space.

TCP (2-2a)

8. The R1-2 "YIELD" sign traffic control may be used on projects with approoches that have adequate sight distance. For projects in urban areas, work space should be no longer than one half city block. In rural areas, roadways with less than 2000 ADT, work space should be no longer than 400 feet.
9. The R1-2aP "YIELD TO ONCOMING TRAFFIC" sign shall be placed on a support at a 7 foot minimum mounting height.

TCP (2-2b)

10. Channelizing devices on the center line may be omitted when a pilot car is leading traffic and approved by the Engineer.
11. If the work space is located near a horizontal or vertical curve, the buffer distances should be increased in order to maintain stopping sight distance to the flagger and a queue of stopped vehicles. (See table above).
12. Flaggers should use 24" STOP/SLOW paddles to control traffic. Flags should be limited to emergency situtations.

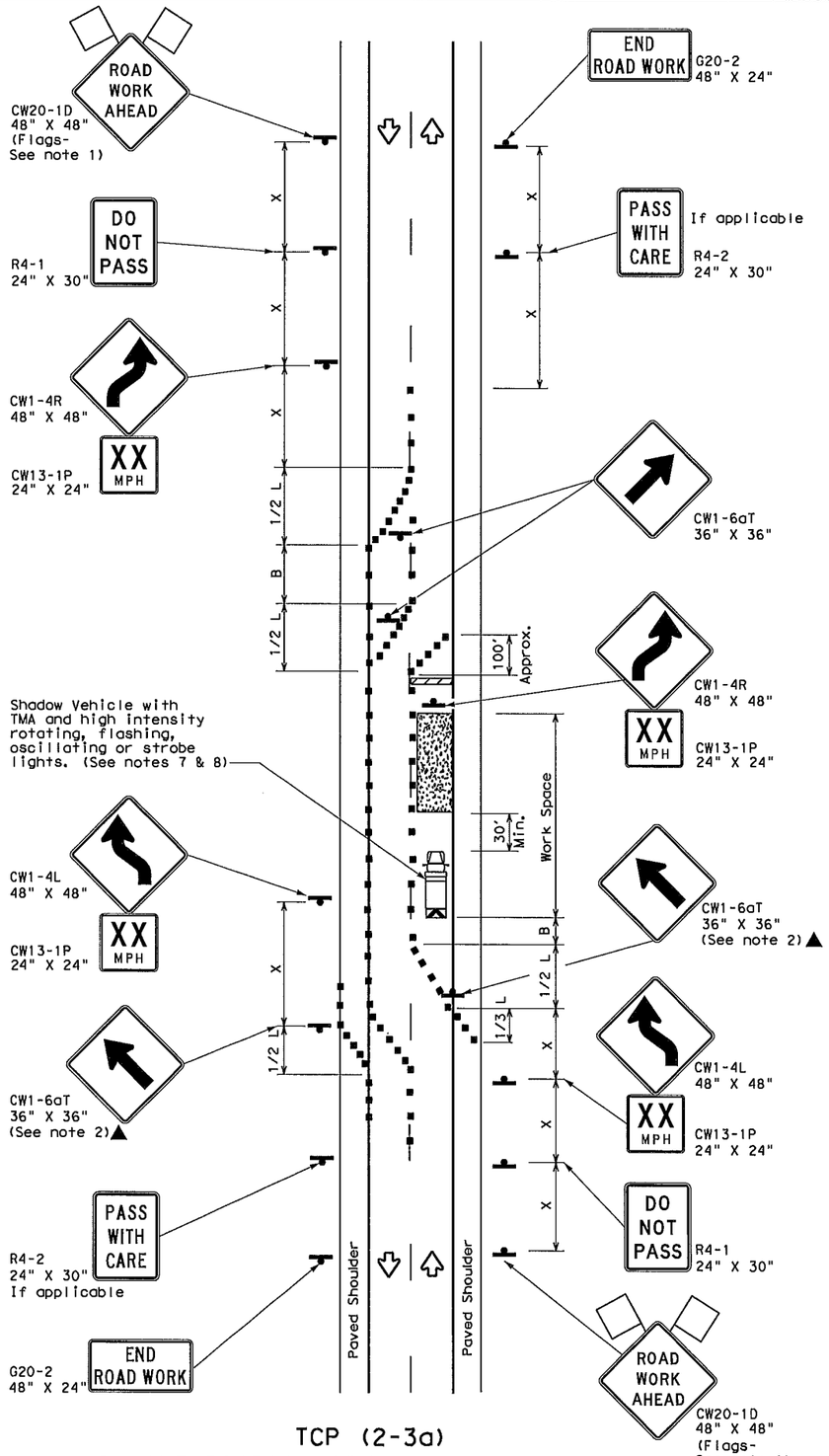
Texas Department of Transportation
Traffic Operations Division Standard

TRAFFIC CONTROL PLAN ONE-LANE TWO-WAY TRAFFIC CONTROL

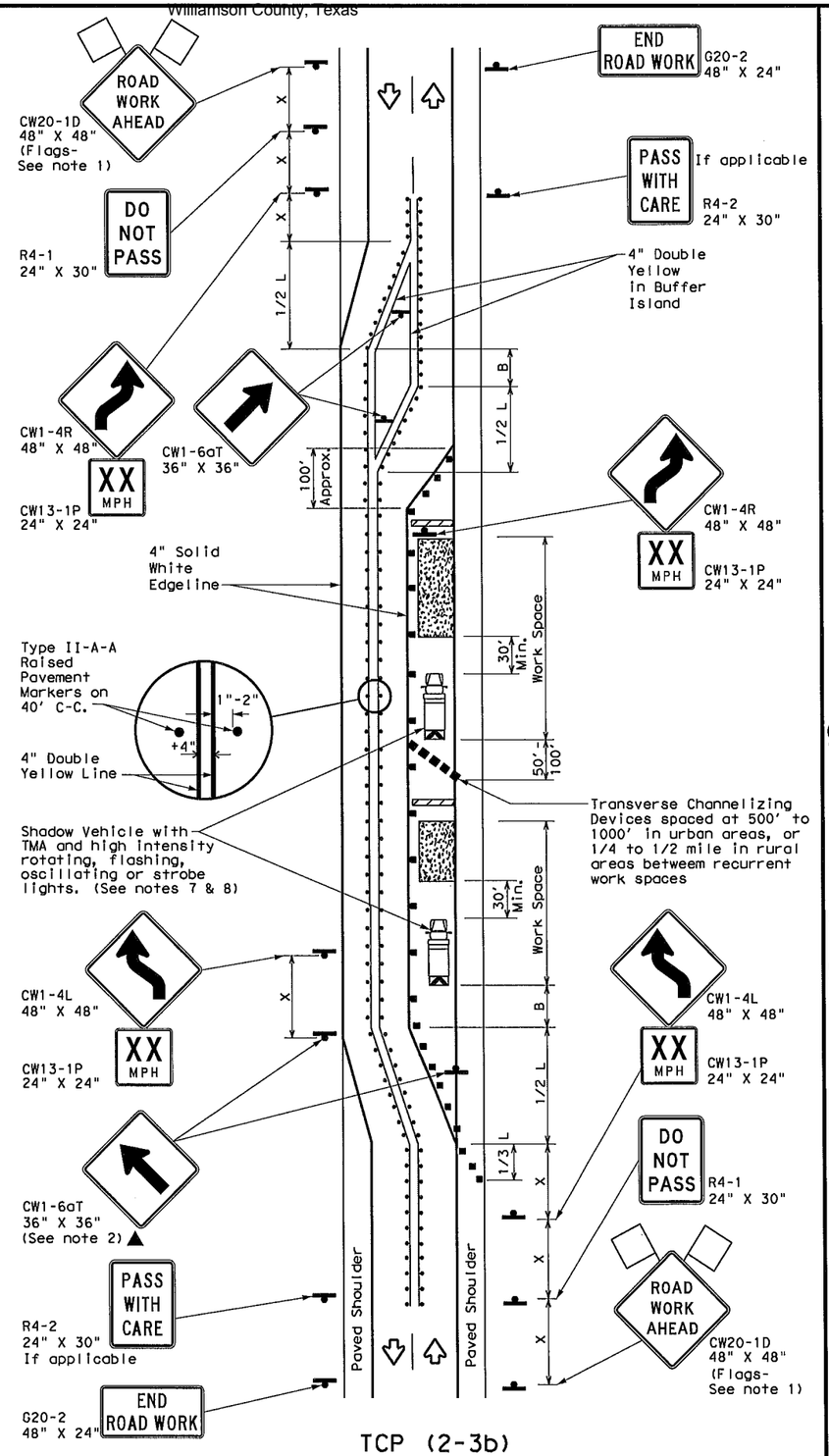
TCP(2-2)-18

FILE: tcp2-2-18.dgn	DN:	CK:	DW:	CK:
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REVISIONS 8-95 3-03 1-97 2-12 4-98 2-18	DIST	COUNTY		SHEET NO. 42 87

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TCP (2-3a)
2-LANE ROADWAY WITH PAVED SHOULDERS
ONE LANE CLOSED
ADEQUATE FIELD OF VIEW



TCP (2-3b)
2-LANE ROADWAY WITH PAVED SHOULDERS
ONE LANE CLOSED
INADEQUATE FIELD OF VIEW

LEGEND

	Type 3 Barricade	■ ■	Channelizing Devices
	Heavy Work Vehicle		Truck Mounted Attenuator (TMA)
	Trailer Mounted Flashing Arrow Board	....	Raised Pavement Markers Ty II-AA
	Sign		Traffic Flow
	Flag		Flagger

Posted Speed *	Formula	Minimum Desirable Taper Lengths ** 10' Offset	11' Offset	12' Offset	Suggested Maximum Spacing of Channelizing Devices On a Taper	On a Tangent	Minimum Sign Spacing "X" Distance	Suggested Longitudinal Buffer Space "B"
30	$L=\frac{WS^2}{60}$	150'	165'	180'	30'	60'	120'	90'
35		205'	225'	245'	35'	70'	160'	120'
40		265'	295'	320'	40'	80'	240'	155'
45	L=WS	450'	495'	540'	45'	90'	320'	195'
50		500'	550'	600'	50'	100'	400'	240'
55		550'	605'	660'	55'	110'	500'	295'
60		600'	660'	720'	60'	120'	600'	350'
65		650'	715'	780'	65'	130'	700'	410'
70		700'	770'	840'	70'	140'	800'	475'
75		750'	825'	900'	75'	150'	900'	540'

* Conventional Roads Only

** Taper lengths have been rounded off.
L=Length of Taper(FT) W=Width of Offset(FT) S=Posted Speed(MPH)

TYPICAL USAGE				
MOBILE	SHORT DURATION	SHORT TERM STATIONARY	INTERMEDIATE TERM STATIONARY	LONG TERM STATIONARY
				TCP(2-3b) ONLY
			✓	✓

GENERAL NOTES

1. Flags attached to signs where shown, are REQUIRED.
2. All traffic control devices illustrated are REQUIRED, except those denoted with the triangle symbol may be omitted when stated elsewhere in the plans, or for routine maintenance work, when approved by the Engineer.
3. When work space will be in place less than three days existing pavement markings may remain in place. Channelizing devices shall be used to separate traffic.
4. Flagger control should NOT be used unless roadway conditions or heavy traffic volume require additional emphasis to safely control traffic. Flagger should be positioned at end of traffic queue.
5. The R4-1 "DO NOT PASS," R4-2 " PASS WITH CARE" and construction regulatory speed zone signs may be installed within CW20-1D "ROAD WORK AHEAD" signs. Proper spacing of signs shall be maintained.
6. Conflicting pavement marking shall be removed for long term projects.
7. A Shadow Vehicle with a TMA should be used anytime it can be positioned 30 to 100 feet in advance of the area of crew exposure without adversely affecting the performance or quality of the work. If workers are no longer present but road or work conditions require the traffic control to remain in place, Type 3 Barricades or other channelizing devices may be substituted.
8. Additional Shadow Vehicles with TMAs may be positioned off the paved surface, next to those shown in order to protect a wider work space.

TCP (2-3a)

9. Conflicting pavement markings shall be removed for long-term projects. For shorter durations where traffic is directed over a yellow centerline, channelizing devices which separate two-way traffic should be spaced on tapers at 20' or 15' if posted speeds are 35 mph or slower, and for tangent sections, at 1/2(S) where S is the speed in mph. This tighter device spacing is intended for the area of the conflicting markings, not the entire work zone.

Texas Department of Transportation

Traffic Operations Division Standard

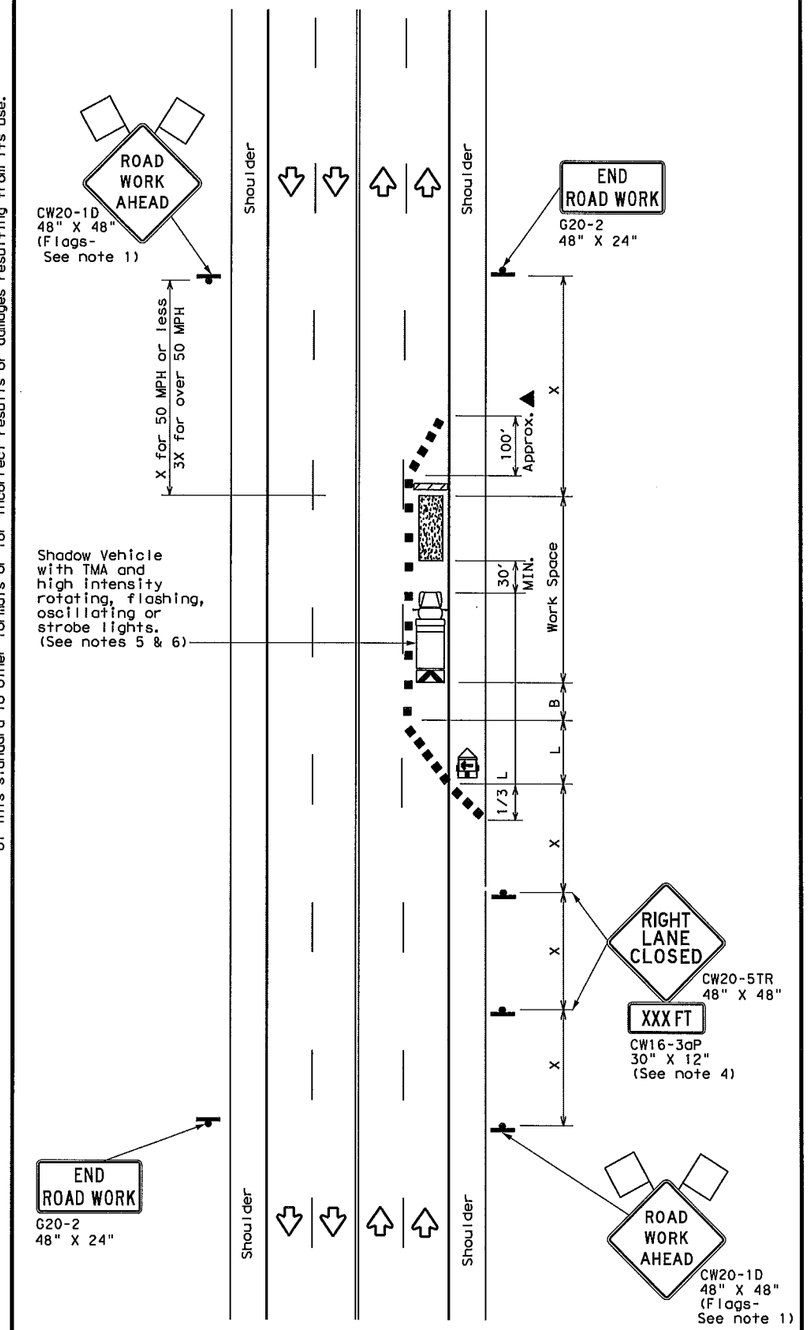
TRAFFIC CONTROL PLAN TRAFFIC SHIFTS ON TWO-LANE ROADS

TCP(2-3)-18

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©TxDOT December 1985	CONT	SECT	JOB	HIGHWAY
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1-97 2-12				48 88
4-98 2-18				

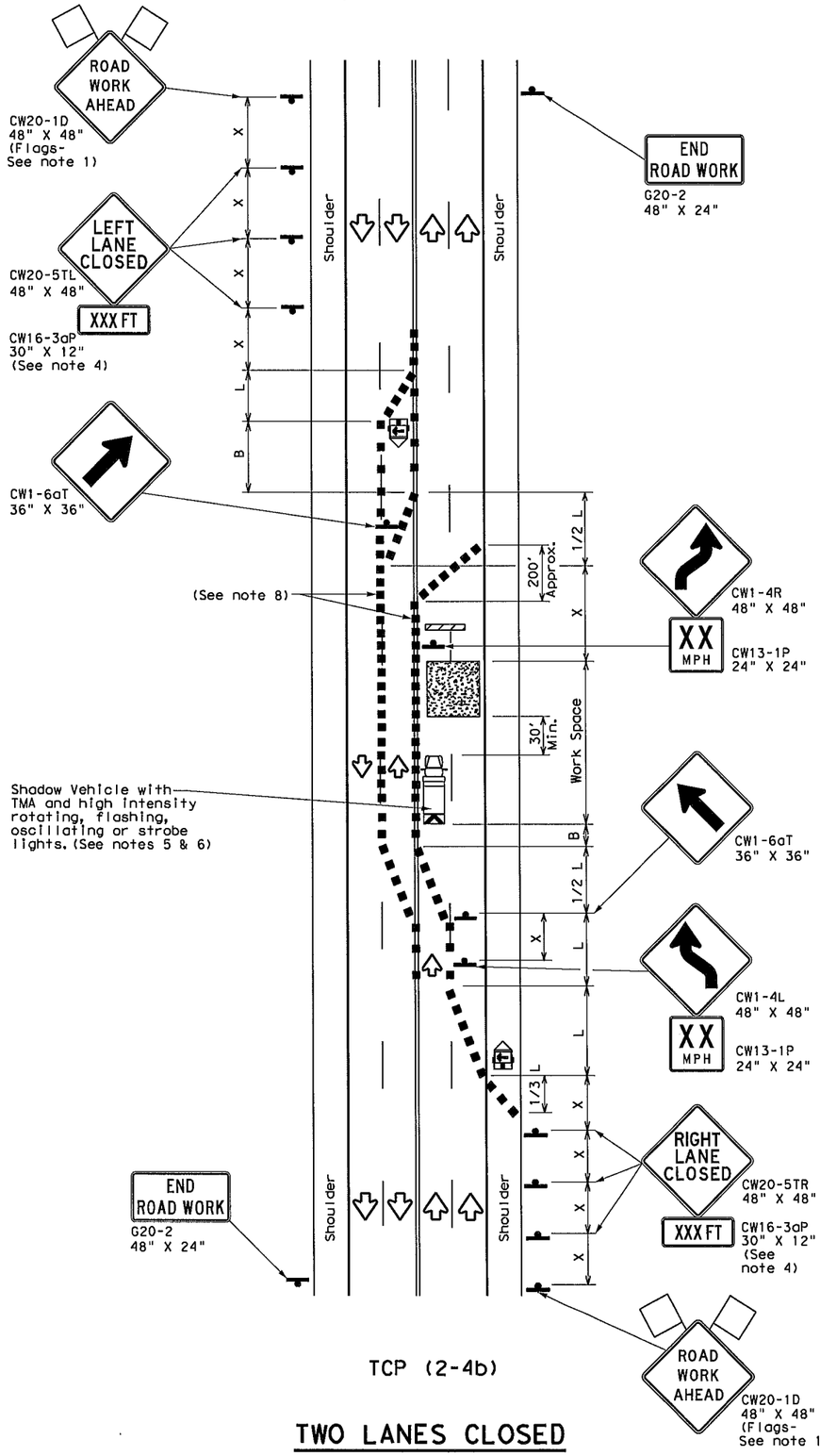
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TCP (2-4a)

ONE LANE CLOSED



TCP (2-4b)

TWO LANES CLOSED

LEGEND			
	Type 3 Barricade		Channelizing Devices
	Heavy Work Vehicle		Truck Mounted Attenuator (TMA)
	Trailer Mounted Flashing Arrow Board		Portable Changeable Message Sign (PCMS)
	Sign		Traffic Flow
	Flag		Flagger

Posted Speed *	Formula	Minimum Desirable Taper Lengths ** 10' Offset	11' Offset	12' Offset	Suggested Maximum Spacing of Channelizing Devices: On a Taper	On a Tangent	Minimum Sign Spacing "X" Distance	Suggested Longitudinal Buffer Space "B"
30	$L=\frac{WS^2}{60}$	150'	165'	180'	30'	60'	120'	90'
35		205'	225'	245'	35'	70'	160'	120'
40		265'	295'	320'	40'	80'	240'	155'
45	L=WS	450'	495'	540'	45'	90'	320'	195'
50		500'	550'	600'	50'	100'	400'	240'
55		550'	605'	660'	55'	110'	500'	295'
60		600'	660'	720'	60'	120'	600'	350'
65		650'	715'	780'	65'	130'	700'	410'
70		700'	770'	840'	70'	140'	800'	475'
75		750'	825'	900'	75'	150'	900'	540'

* Conventional Roads Only
** Taper lengths have been rounded off.
L=Length of Taper(FT) W=Width of Offset(FT) S=Posted Speed(MPH)

TYPICAL USAGE				
MOBILE	SHORT DURATION	SHORT TERM STATIONARY	INTERMEDIATE TERM STATIONARY	LONG TERM STATIONARY
		✓	✓	

GENERAL NOTES

1. Flags attached to signs where shown, are REQUIRED.
2. All traffic control devices illustrated are REQUIRED, except those denoted with the triangle symbol may be omitted when stated elsewhere in the plans, or for routine maintenance work, when approved by the Engineer.
3. The downstream taper is optional. When used, it should be 100 feet minimum length per lane.
4. For short term applications, when post mounted signs are not used, the distance legend may be shown on the sign face rather than on a CW16-3aP supplemental plaque.
5. A Shadow Vehicle with a TMA should be used anytime it can be positioned 30 to 100 feet in advance of the area of crew exposure without adversely affecting the performance or quality of the work. If workers are no longer present but road or work conditions require the traffic control to remain in place, Type 3 Barricades or other channelizing devices may be substituted for the Shadow Vehicle and TMA.
6. Additional Shadow Vehicles with TMAs may be positioned in each closed lane, on the shoulder or off the paved surface, next to those shown in order to protect a wider work space.

TCP (2-4a)

7. If this TCP is used for a left lane closure, CW20-5TL "LEFT LANE CLOSED"signs shall be used and channelizing devices shall be placed on the centerline to protect the work space from opposing traffic with the arrow board placed in the closed lane near the end of the merging taper.

TCP (2-4b)

8. For shorter durations where traffic is directed over a yellow centerline, channelizing devices which separate two-way traffic should be spaced on tapers at 20' or 15' if posted speeds are 35 mph or slower, and for tangent sections, at 1/2(S) where S is the speed in mph. This tighter devices spacing is intended for the area of conflicting markings, not the entire work zone.

Texas Department of Transportation

Traffic Operations Division Standard

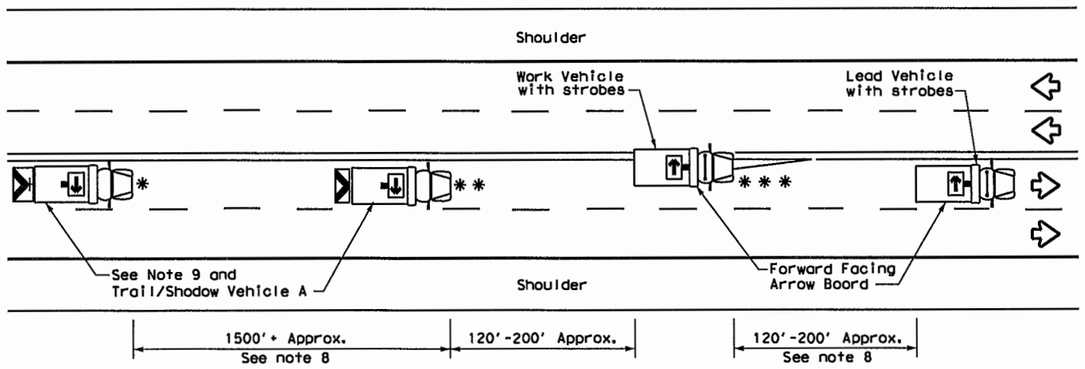
TRAFFIC CONTROL PLAN LANE CLOSURES ON MULTILANE CONVENTIONAL ROADS

TCP(2-4)-18

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©TxDOT December 1985	CONT	SECT	JOB	HIGHWAY
REVISIONS 8-95 3-03				
1-97 2-12	DIST	COUNTY		SHEET NO.
4-98 2-18				44 89

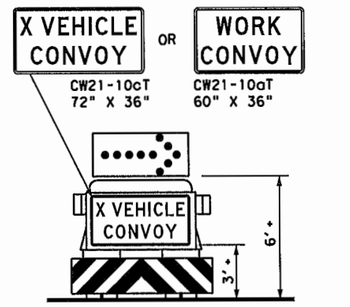
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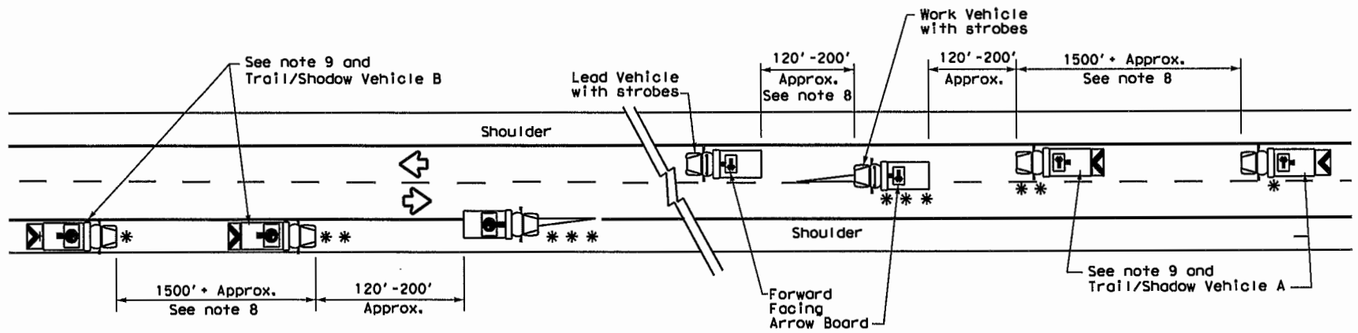
TCP (3-1a)

UNDIVIDED MULTILANE ROADWAY



TRAIL/SHADOW VEHICLE A

with RIGHT Directional display Flashing Arrow Board

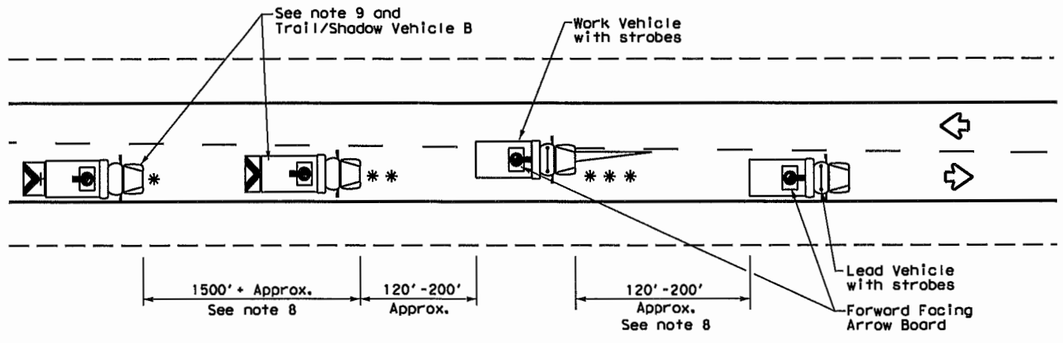


WORK ON SHOULDER

WORK ON TRAVEL LANE

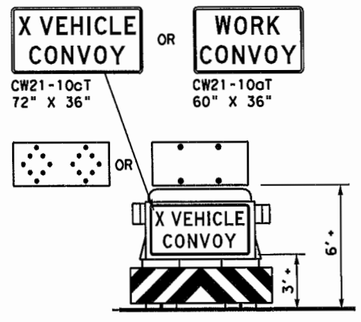
TCP (3-1b)

TWO-WAY ROADWAY WITH PAVED SHOULDERS



TCP (3-1c)

TWO-WAY ROADWAY WITHOUT PAVED SHOULDERS



TRAIL/SHADOW VEHICLE B

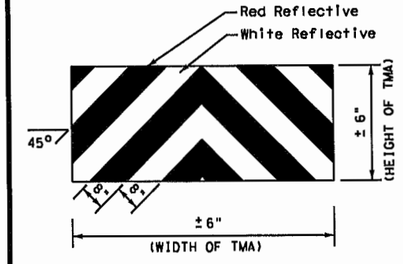
with Flashing Arrow Board In CAUTION display

LEGEND			
*	Trail Vehicle	ARROW BOARD DISPLAY	
**	Shadow Vehicle		
***	Work Vehicle		RIGHT Directional
	Heavy Work Vehicle		LEFT Directional
	Truck Mounted Attenuator (TMA)		Double Arrow
	Traffic Flow		CAUTION (Alternating Diamond or 4 Corner Flash)

TYPICAL USAGE				
MOBILE	SHORT DURATION	SHORT TERM STATIONARY	INTERMEDIATE TERM STATIONARY	LONG TERM STATIONARY
✓				

GENERAL NOTES

1. TRAIL, SHADOW, and LEAD vehicles shall be equipped with arrow boards as illustrated. When a LEAD vehicle is not used the WORK vehicle must be equipped with an arrow board. The Engineer will determine if the LEAD VEHICLE and/or TRAIL VEHICLE are required based on prevailing roadway conditions, traffic volume, and sight distance restrictions.
2. The use of amber high intensity rotating, flashing, oscillating, or strobe lights on vehicles are required. Blue high intensity rotating, flashing, oscillating or strobe lights when mounted on the driver's side of the vehicle may be operated simultaneously with the amber beacons or strobe lights.
3. The use of truck mounted attenuators (TMA) on the SHADOW VEHICLE and TRAIL VEHICLE are required.
4. Reflective sheeting on the rear of the TMA shall meet or exceed the reflectivity and color requirements of DEPARTMENTAL MATERIAL SPECIFICATION DMS 8300, Type A.
5. Flashing arrow boards shall be Type B or Type C as per the Barricade and Construction (BC) standards. The board shall be controlled from inside the vehicle.
6. Each vehicle shall have two-way radio communication capability.
7. When work convoys must change lanes, the TRAIL VEHICLE should change lanes first to shadow the other convoy vehicles.
8. Vehicle spacing between the TRAIL VEHICLE and the SHADOW VEHICLE will vary depending on sight distance restrictions. Motorists approaching the work convoy should be able to see the TRAIL VEHICLE in time to slow down and/or change lanes as they approach the TRAIL VEHICLE. Vehicle spacing between the WORK VEHICLE and SHADOW VEHICLE and vehicle spacing between WORK VEHICLE and LEAD VEHICLE may vary according to terrain, work activity and other factors.
9. "X VEHICLE CONVOY" (CW21-10cT) or "WORK CONVOY" (CW21-10aT) signs shall be used on TRAIL VEHICLES and SHADOW VEHICLES as shown. As an option 48" X 48" diamond shaped "WORK CONVOY"(CW21-10T) or "X VEHICLE CONVOY" (CW21-10bT) signs may be used where adequate mounting space exists. When used, the X VEHICLE CONVOY sign shall have the number of the convoy vehicles displayed on the sign in the number designation "X" location. The "X VEHICLE CONVOY" sign shall not be used on the SHADOW VEHICLE if a TRAIL VEHICLE is used.
10. On two-lane two-way roadways, the work and protection vehicles should pull over periodically to allow motor vehicle traffic to pass. If motorists are not allowed to pass the work convoy, a "DO NOT PASS" (R4-1) sign should be placed on the back of the rearmost protection vehicle.



STRIPING FOR TMA

Texas Department of Transportation — Traffic Operations Division Standard

TRAFFIC CONTROL PLAN MOBILE OPERATIONS UNDIVIDED HIGHWAYS

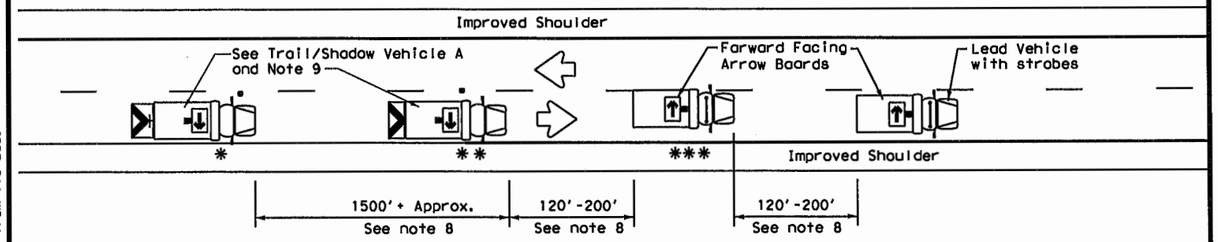
TCP(3-1)-13

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©TxDOT December 1985	CONT	SECT	JOB	HIGHWAY
REVISIONS 2-94 4-98 8-95 7-13 1-97	DIST	COUNTY		SHEET NO. 45

175

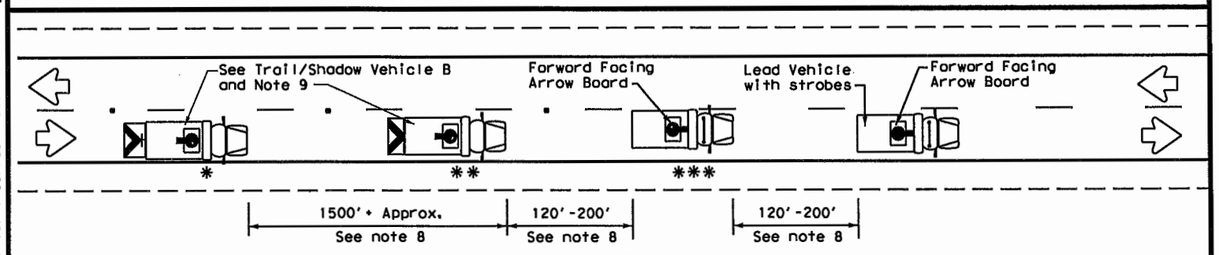
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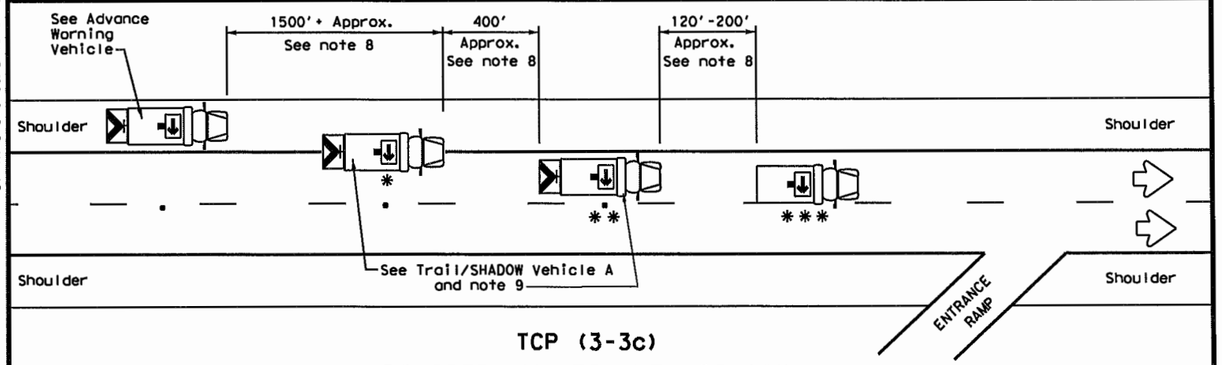
TCP (3-3a)

TWO LANE HIGHWAY WITH PAVED SHOULDERS (WORK ON TRAVEL LANE)



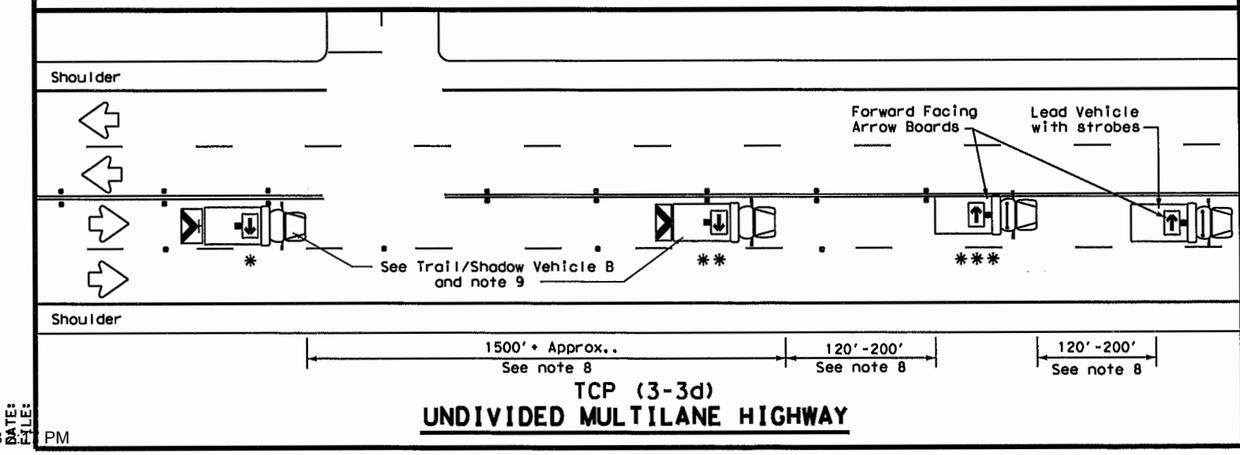
TCP (3-3b)

TWO LANE HIGHWAY WITHOUT PAVED SHOULDERS (WORK ON TRAVEL LANE)



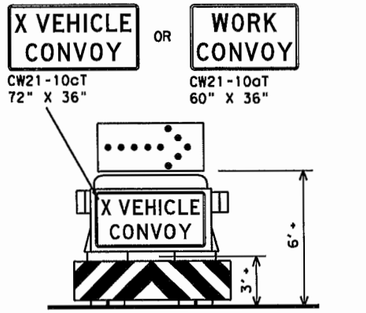
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DIVIDED MULTILANE HIGHWAY



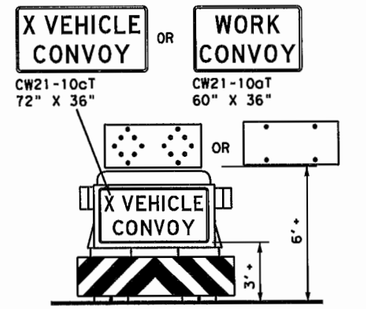
TCP (3-3d)

UNDIVIDED MULTILANE HIGHWAY



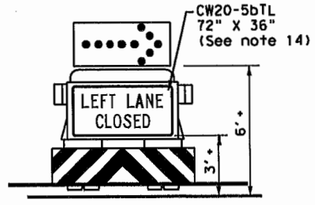
TRAIL/SHADOW VEHICLE A

with RIGHT Directional display
Flashing Arrow Board

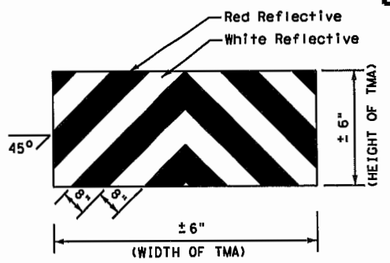


TRAIL/SHADOW VEHICLE B

with Flashing Arrow Board
in Caution Mode



ADVANCE WARNING VEHICLE



STRIPING FOR TMA

LEGEND			
*	Trail Vehicle	ARROW BOARD DISPLAY	
**	Shadow Vehicle		
***	Work Vehicle		RIGHT Directional
	Heavy Work Vehicle		LEFT Directional
	Truck Mounted Attenuator (TMA)		Double Arrow
	Traffic Flow		CAUTION (Alternating Diamond or 4 Corner Flash)

TYPICAL USAGE				
MOBILE	SHORT DURATION	SHORT TERM STATIONARY	INTERMEDIATE TERM STATIONARY	LONG TERM STATIONARY
✓				

GENERAL NOTES

1. TRAIL, SHADOW, and LEAD vehicles shall be equipped with arrow boards as illustrated. When a LEAD vehicle is not used on two way roads the WORK vehicle must have an arrow board. For divided roadways, the arrow board on the WORK vehicle is optional based on the type of work being performed. The Engineer will determine if the LEAD vehicle and/or TRAIL vehicle are required based on prevailing roadway conditions, traffic volume, and sight distance restrictions.
2. The use of amber high intensity rotating, flashing, oscillating, or strobe lights on vehicles are required. Blue high intensity rotating, flashing, oscillating, or strobe lights when mounted on the driver's side of the vehicle may be operated simultaneously with the amber beacons or strobe lights.
3. The use of truck mounted attenuators (TMA) on the SHADOW VEHICLE, ADVANCE WARNING and TRAIL VEHICLE are required.
4. Reflective sheeting on the rear of the TMA shall meet or exceed the reflectivity and color requirements of DEPARTMENTAL MATERIAL SPECIFICATION DMS 8300, Type A.
5. Flashing arrow boards shall be Type B or Type C as per the Barricade and Construction (BC) standards. The board shall be controlled from inside the vehicle.
6. Each vehicle shall have two-way radio communication capability.
7. When work convoys must change lanes, the TRAIL VEHICLE should change lanes first to shadow the other convoy vehicles.
8. Vehicle spacing between the TRAIL VEHICLE and the SHADOW VEHICLE will vary depending on sight distance restrictions. Motorists approaching the convoy should be able to see the TRAIL VEHICLE in time to slow down and/or change lanes as they approach the TRAIL VEHICLE. Vehicle spacing between the WORK VEHICLE and SHADOW VEHICLE and vehicle spacing between WORK VEHICLE and LEAD VEHICLE may vary according to terrain, work activity and other factors.
9. X VEHICLE CONVOY (CW21-10cT) or WORK CONVOY (CW21-10aT) signs shall be used on TRAIL VEHICLES and SHADOW VEHICLES as shown. As an option 48" x 48" diamond shaped WORK CONVOY (CW21-10T) or X VEHICLE CONVOY (CW21-10bT) signs may be used where adequate mounting space exists. When used, the X VEHICLE CONVOY sign shall have the number of the convoy vehicles displayed on the sign in the number designation "X" location. The X VEHICLE CONVOY sign shall not be used on the SHADOW VEHICLE if a TRAIL VEHICLE is used.
10. For divided highways with two or three lanes in one direction, the appropriate LEFT LANE CLOSED (CW20-5bTL), RIGHT LANE CLOSED (CW20-5bTR), or CENTER LANE CLOSED (CW20-5dT) sign should be used on the Advance Warning Vehicle. As an option, a portable changeable message sign (PCMS) or truck mounted changeable message sign (TMCMS) with a minimum character height of 12", and displaying the same legend may be substituted for these signs. An appropriate directional arrow display, simulating the size and legibility of the flashing arrow board may be used in the second phase of the PCMS/TMCMS message. When this is done, the arrow board will not be required on the Advance Warning Vehicle.
11. A double arrow shall not be displayed on the arrow board on the Advance Warning Vehicle.
12. For divided highways with three or four lanes in each direction, use TCP(3-2).
13. Standard diamond shape versions of the CW20-5 series signs may be used as an option if the rectangular signs shown are not available.
14. The Advance Warning Vehicle may straddle the edgeline when Shoulder width makes it necessary.
15. On two-lane two-way roadways, the work and protection vehicles should pull over periodically to allow motor vehicle traffic to pass. If motorists are not allowed to pass the work convoy, a DO NOT PASS (R4-1) sign should be placed on the back of the rearmost protection vehicle.

Texas Department of Transportation

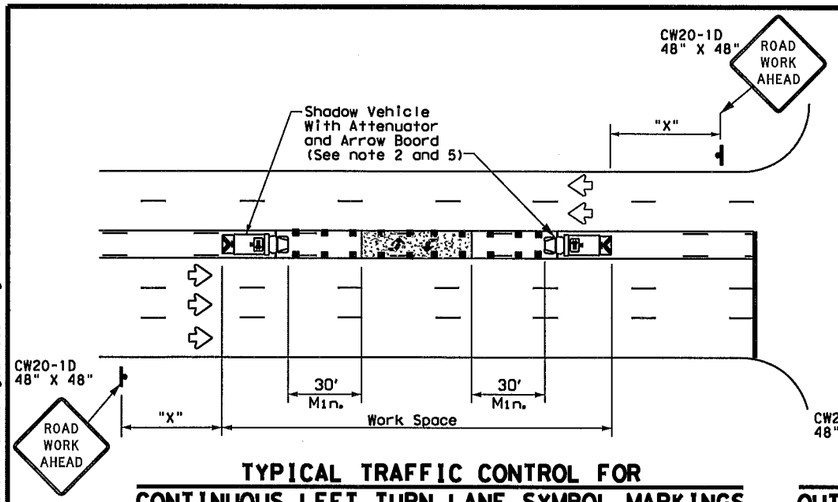
Traffic Operations Division Standard

TRAFFIC CONTROL PLAN MOBILE OPERATIONS RAISED PAVEMENT MARKER INSTALLATION/ REMOVAL TCP(3-3)-14

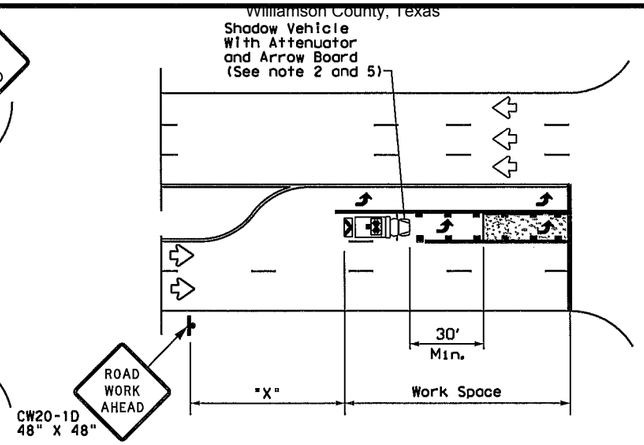
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©TxDOT September 1987	CONT	SECT	JOB	HIGHWAY
REVISIONS 2-94 4-98 8-95 7-13 1-97 7-14	DIST	COUNTY		SHEET NO. 46

DATE:
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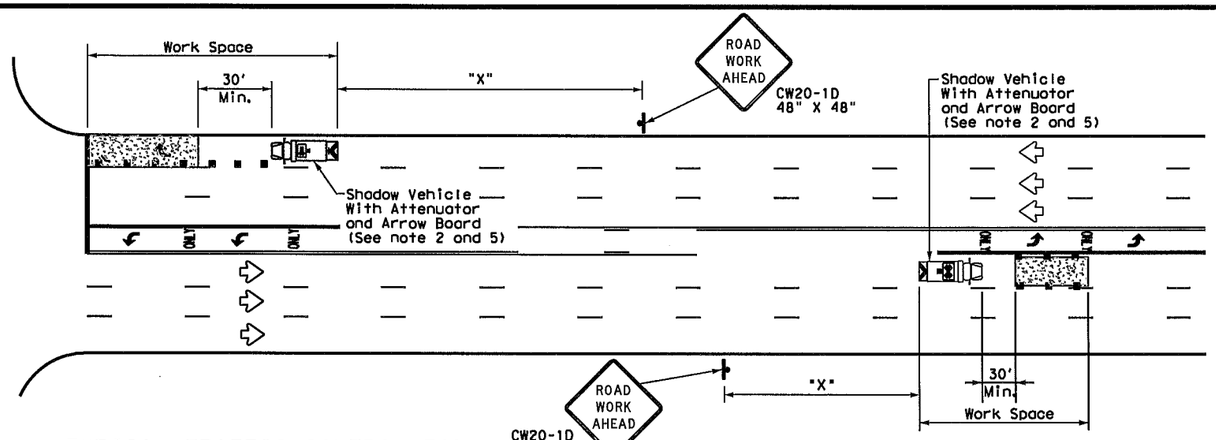
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TYPICAL TRAFFIC CONTROL FOR
CONTINUOUS LEFT TURN LANE SYMBOL MARKINGS

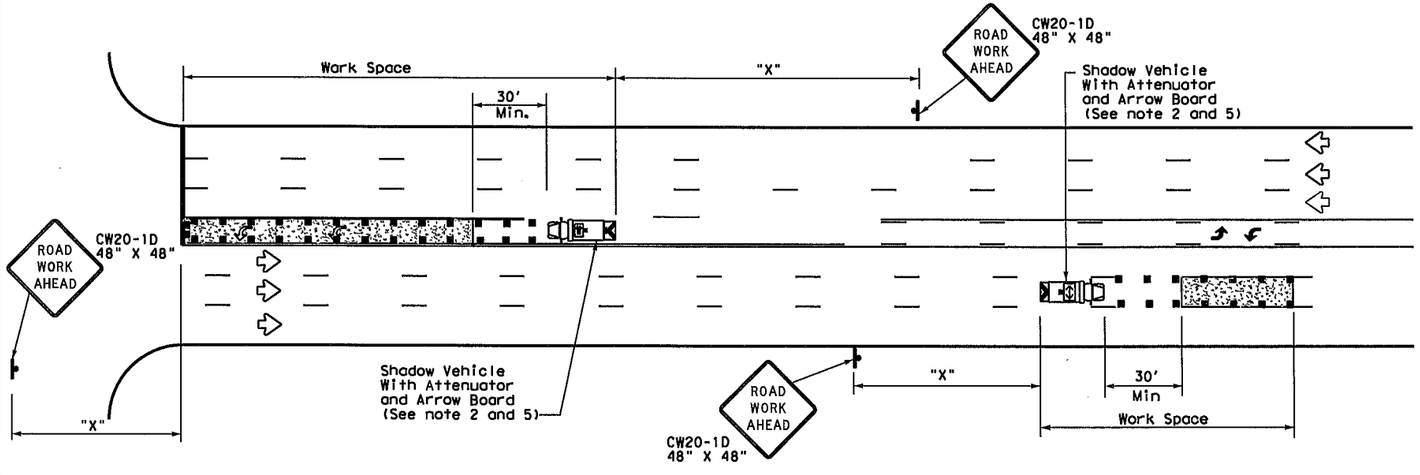


TYPICAL TRAFFIC CONTROL FOR
OUTSIDE DUAL LEFT TURN LANE SYMBOL MARKINGS



TYPICAL TRAFFIC CONTROL FOR
OUTSIDE LANE MARKINGS

TYPICAL TRAFFIC CONTROL FOR
INSIDE LANE MARKINGS



TYPICAL TRAFFIC CONTROL FOR
LEFT TURN LANE MARKINGS

TYPICAL TRAFFIC CONTROL FOR
CENTER LANE MARKINGS

LEGEND

*	Trail Vehicle	ARROW BOARD DISPLAY	
**	Shadow Vehicle		
***	Work Vehicle		RIGHT Directional
	Heavy Work Vehicle		LEFT Directional
	Truck Mounted Attenuator (TMA)		Double Arrow
	Traffic Flow	■ ■ ■	Channelizing Devices

Posted Speed *	Formula	Minimum Desirable Taper Lengths ** 10' Offset	11' Offset	12' Offset	Suggested Maximum Spacing of Channelizing Devices: On a Taper	On a Tangent	Minimum Sign Spacing "X" Distance	Suggested Longitudinal Buffer Space "B"
30	$L=\frac{WS^2}{60}$	150'	165'	180'	30'	60'	120'	90'
35		205'	225'	245'	35'	70'	160'	120'
40		265'	295'	320'	40'	80'	240'	155'
45	L=WS	450'	495'	540'	45'	90'	320'	195'
50		500'	550'	600'	50'	100'	400'	240'
55		550'	605'	660'	55'	110'	500'	295'
60		600'	660'	720'	60'	120'	600'	350'
65		650'	715'	780'	65'	130'	700'	410'
70		700'	770'	840'	70'	140'	800'	475'
75		750'	825'	900'	75'	150'	900'	540'

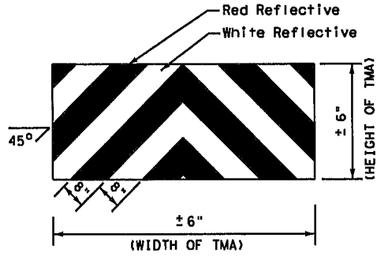
* Conventional Roads Only

** Taper lengths have been rounded off.
L=Length of Taper(FT) W=Width of Offset(FT) S=Posted Speed(MPH)

TYPICAL USAGE				
MOBILE	SHORT DURATION	SHORT TERM STATIONARY	INTERMEDIATE TERM STATIONARY	LONG TERM STATIONARY
✓				

GENERAL NOTES

1. This traffic control plan is for use on conventional roads posted at 45 mph or less and is intended for mobile operations that move continuously or intermittently (stopping up to approximately 15 minutes) such as short-line striping and in-lane rumble strips. When activities are anticipated to take longer amounts of time or traffic conditions warrant, a short duration or short-term stationary traffic control plan should be used.
2. A Truck Mounted Attenuator shall be used on Shadow Vehicle. Striping on the back panel of all truck mounted attenuators shall be 8" red and white reflective sheeting placed in an inverted "V" design. Reflective sheeting shall meet or exceed the reflectivity and color requirements of departmental material specification DMS-8300, Type A.
3. All traffic control devices shall be in accordance with the "Texas Manual on Uniform Traffic Control Devices" (TMUTCD), latest edition.
4. The use of yellow rotating beacons or strobe lights on vehicles are required. Blue high intensity rotating, flashing, oscillating or strobe lights when mounted on the drivers side of the vehicle may be operated simultaneously with the amber beacons or strobe lights.
5. Flashing arrow board shall be used on Shadow Vehicle. Flashing arrow board shall be Type B or Type C as per BC Standards. The arrow board operation shall be controlled from inside the truck.



STRIPING FOR TMA

Texas Department of Transportation

Traffic Operations Division Standard

TRAFFIC CONTROL PLAN MOBILE OPERATIONS FOR ISOLATED WORK AREAS UNDIVIDED HIGHWAYS

TCP(3-4)-13

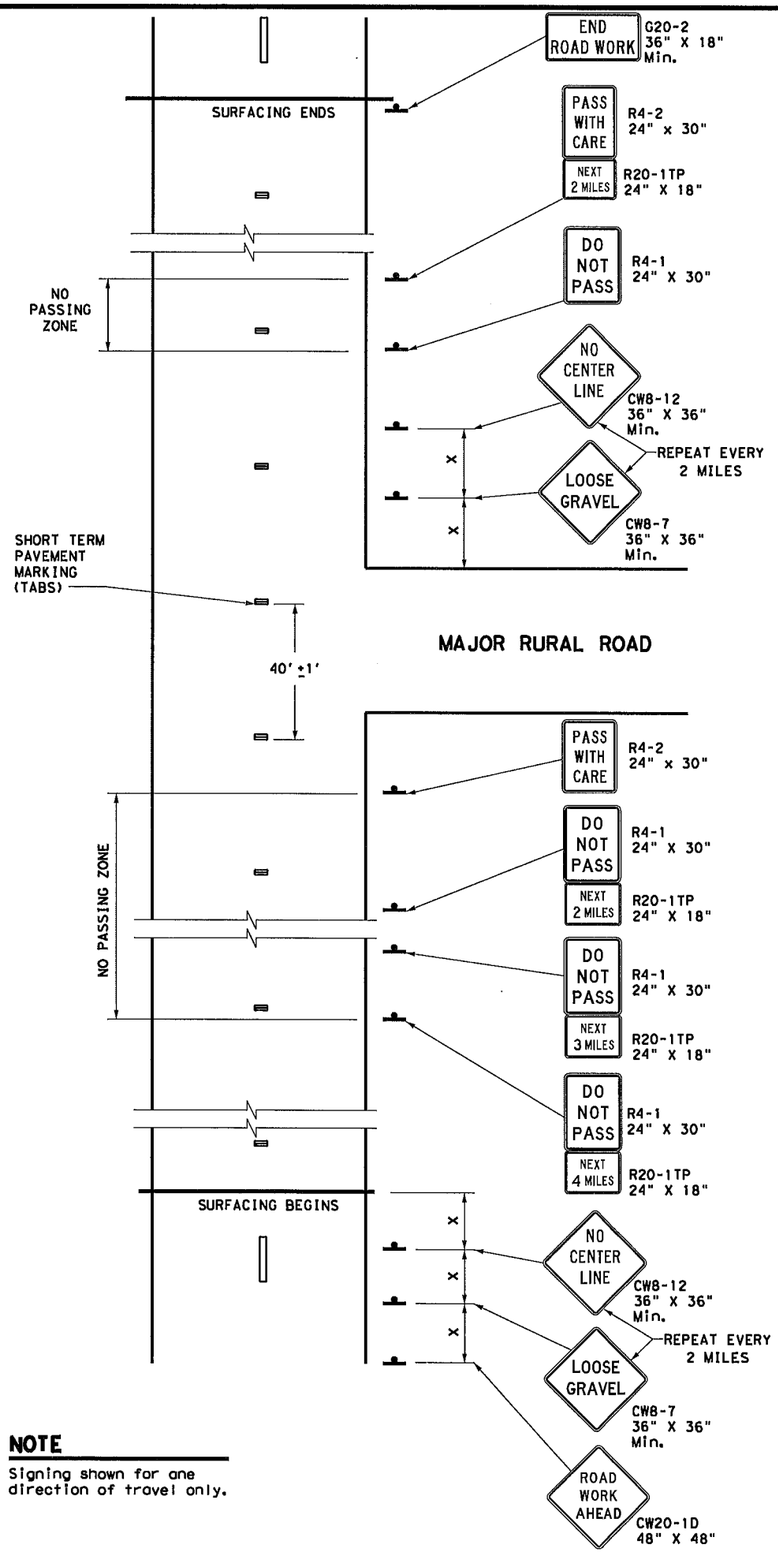
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©TxDOT July, 2013 REVISIONS	CONT	SECT	JOB	HIGHWAY
	DIST	COUNTY		SHEET NO. 47.92

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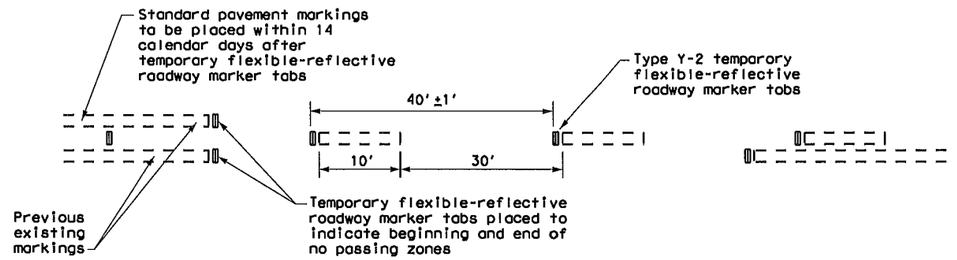
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FILE:



NOTE

Signing shown for one direction of travel only.

NO PASSING ZONES ON TWO-LANE TWO-WAY ROADS



TABS ON CENTERLINES OF TWO-LANE TWO-WAY ROADS

For seal coat, micro-surface or similar operations

"DO NOT PASS" SIGN (R4-1) and NO-PASSING ZONES

A. Prior to the beginning of construction, all currently striped no-passing zones shall be signed with the DO NOT PASS (R4-1) signs and PASS WITH CARE (R4-2) signs placed at the beginning and end of each zone for each direction of travel except as otherwise provided herein. Signs marking these individual no-passing zones need not be covered prior to construction if the signs supplement the existing pavement markings.

B. At the discretion of the Engineer, in areas of numerous no-passing zones, several zones may be combined as a single zone. If passing is to be prohibited over one or more lengthy sections, a DO NOT PASS sign and a NEXT XX MILES (R20-1TP) plaque may be used at the beginning of such zones. The DO NOT PASS sign and the NEXT XX MILES plaque should be repeated every mile to the end of the no-passing zone. In areas where there is considerable distance between no-passing zones, the end of the no-passing zone may be signed with a PASS WITH CARE sign and a NEXT XX MILES plaque.

C. Depending on traffic volumes and length of sections, it may be desirable to prohibit passing throughout the project to prevent damage to windshield and lights. The DO NOT PASS sign and NEXT XX MILES plaque should be used and repeated as often as necessary for this purpose. Where several existing zones are to be combined into one individual no-passing zone, the sign at the beginning of the zone should be covered until the surfacing operation has passed this location so as not to have the DO NOT PASS sign conflict with the existing pavement markings. Also, unless one days operation completes the entire length of such combined zones, appropriate DO NOT PASS and PASS WITH CARE signs should be placed at the beginning and end of the no-passing zones where the surfacing operation has stopped for the day.

D. R4-1 and R4-2 are to remain in place until standard pavement markings are installed.

"NO CENTER LINE" SIGN (CW8-12)

A. Center line markings are yellow pavement markings that delineate the separation of travel lanes that have opposite directions of travel on a roadway. Divided highways do not typically have center line markings.

B. At the time construction activity obliterates the existing center line markings(low volume roads may not have an existing centerline), a NO CENTER LINE (CW8-12) sign should be erected at the beginning of the work area, at approximately 2 mile intervals within the work area, beyond major intersections and other locations deemed necessary by the Engineer.

C. The NO CENTER LINE signs are to remain in place until standard pavement markings are installed.

"LOOSE GRAVEL" SIGN (CW8-7)

A. When construction begins, a LOOSE GRAVEL (CW8-7) sign should be erected at each end of the work area and repeated at intervals of approximately 2 miles in rural areas and closer in urban areas.

B. The LOOSE GRAVEL signs are to remain in place until the condition no longer exists.

PAVEMENT MARKINGS

A. Temporary markings for surfacing projects shall be Temporary Flexible-reflective Roadway Marker Tabs unless otherwise approved by the Engineer. Tabs are to be installed to provide true alignment for striping crews or as directed by the Engineer. Tabs will be placed at the spacing indicated. Tabs should be applied to the pavement
no more than two (2) days before the surfacing is applied. After the surfacing is rolled and swept, the cover over the reflective strip shall be removed.

B. Tabs shall not be used to simulate edge lines.

C. Tab placement for overlay/inlay operations shall be as shown on the WZ(STPM) standard sheet.

COORDINATION OF SIGN LOCATIONS

A. The location of warning signs at the beginning and end of a work area are to be coordinated with other signing typically shown on the Barricade and Construction Standards for project limits to ensure adequate sign spacing.

B. Where possible the ROAD WORK AHEAD (CW20-1D), LOOSE GRAVEL (CW8-7), and NO CENTER LINE (CW8-12) signs should be placed in the sequence shown following the OBEY WARNING SIGNS STATE LAW (R20-3T) and the TRAFFIC FINES DOUBLE (R20-5T) sign, and one "X" sign spacing prior to the CONTRACTOR (G20-6T)sign typically located at or near the limits of surfacing. LOOSE GRAVEL and NO CENTER LINE signs will then be repeated as described above.

Posted Speed *	Minimum Sign Spacing "X" Distance
30	120'
35	160'
40	240'
45	320'
50	400'
55	500'
60	600'
65	700'
70	800'
75	900'

* Conventional Roads Only

TYPICAL USAGE				
MOBILE	SHORT DURATION	SHORT TERM STATIONARY	INTERMEDIATE TERM STATIONARY	LONG TERM STATIONARY
			✓	✓

GENERAL NOTES

1. The traffic control devices detailed on this sheet will be furnished and erected as directed by the Engineer on sections of roadway where tabs must be placed prior to the surfacing operation which will cover or obliterate the existing pavement markings.
2. The devices shown on this sheet are to be used to supplement those required by the BC Standards or others required elsewhere in the plans.
3. Signs shall be erected as detailed on the BC Standards or the Compliant Work Zone Traffic Control Devices List (CWZTCD) on supports approved for Long-Term / Intermediate-Term Work Zone Sign Supports.
4. When surfacing operations take place on divided highways, freeways or expressways, the size of diamond shaped construction warning signs shall be 48" x 48".
5. Signs on divided highways, freeways and expressways will be placed on both right and left sides of the roadway based on roadway conditions as directed by the Engineer.

Texas Department of Transportation

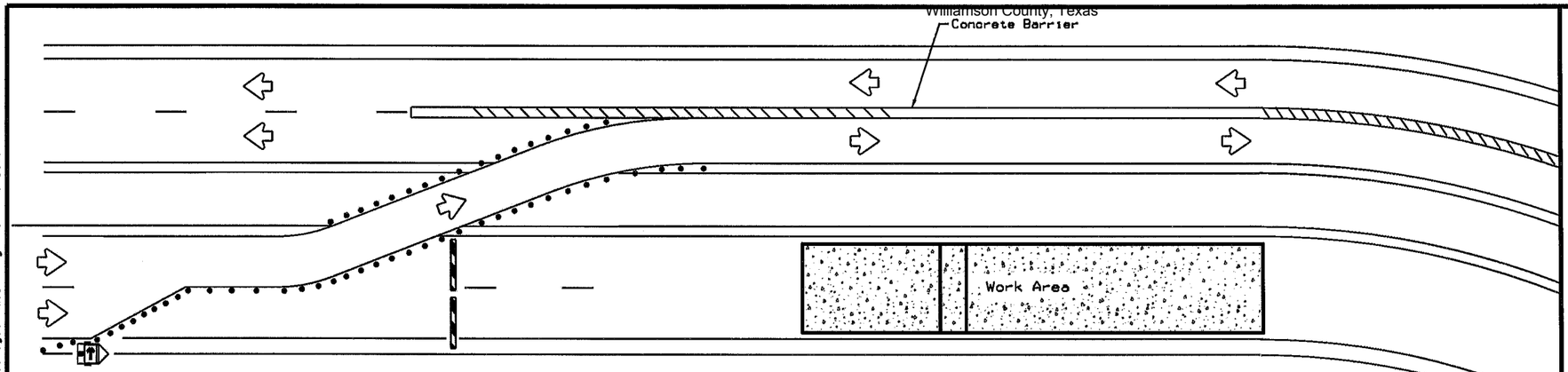
Traffic Operations Division Standard

TRAFFIC CONTROL DETAILS FOR SURFACING OPERATIONS

TCP(7-1)-13

FILE:	tcp7-1.dgn	DN: TxDOT	CK: TxDOT	DW: TxDOT	CK: TxDOT
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NOTES:

1. Length of Safety Glare screen will be specified elsewhere in the plans.
2. The cumulative nominal length of the modular safety glare screen units shall equal the length of the individual sections of temporary concrete traffic barrier on which they are installed so the joint between barrier sections will not be spanned by any one safety glare screen unit.
3. Screen Panel/blades will be designed such that reflective sheeting conforming with Departmental Material Specification DMS-8300, Sign Face Materials, Type B or C Yellow, minimum size of 2 inches by 12 inches can be attached to the edge of the panel/blade. The sheeting shall be attached to one glare screen panel/blade per section of concrete barrier not to exceed a spacing of 30 feet. Barrier reflectors are not necessary when panel/blades are installed with reflective sheeting as described.
4. Payment for these devices will be under statewide Special Specification "Modular Glare Screens for Headlight Barrier."
5. This detail is only intended to show types of locations where Glare Screens would be appropriate. Required signing and other devices shall be as shown elsewhere in the plans.

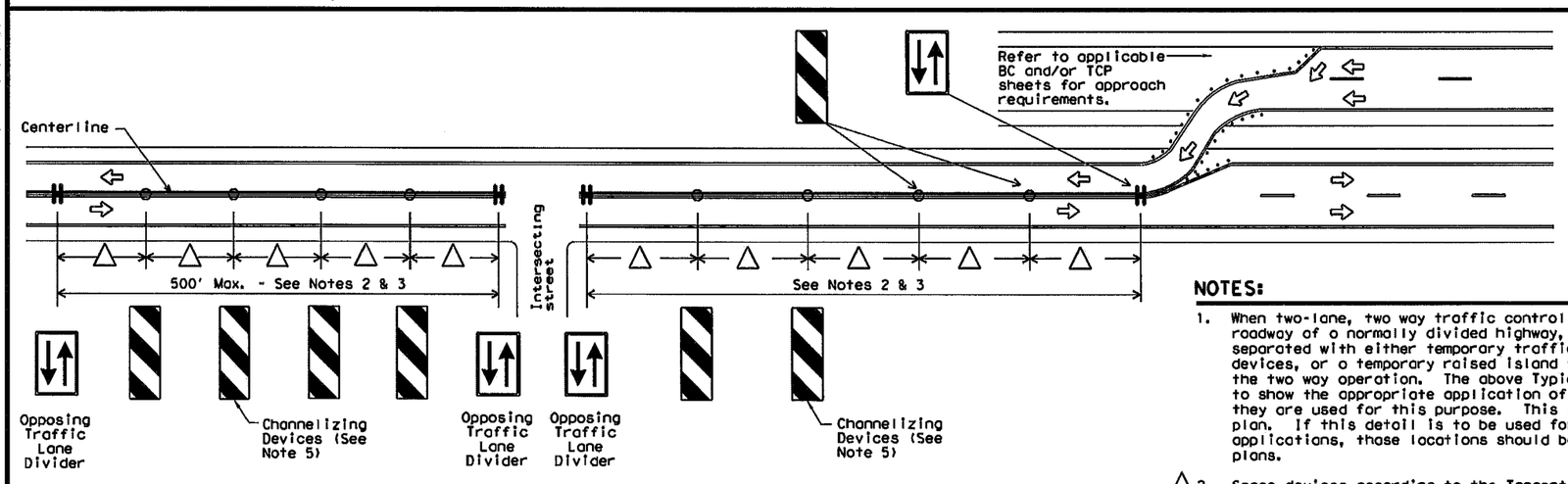
BARRIER DELINEATION WITH MODULAR GLARE SCREENS

LEGEND	
	Type 3 Barricade
• • •	Channelizing Devices
	Trailer Mounted Flashing Arrow Board
	Sign
\\\\	Safety glare screen

DEPARTMENTAL MATERIAL SPECIFICATIONS	
SIGN FACE MATERIALS	DMS-8300
DELINEATORS AND OBJECT MARKERS	DMS-8600
MODULAR GLARE SCREENS FOR HEADLIGHT BARRIER	DMS-8610

Only pre-qualified products shall be used. A copy of the Compliant Work Zone Traffic Control Devices List" CWZTCD) describes pre-qualified products and their sources and may be found at the following web address:

http://www.txdot.gov/business/resources/producer-list.html



VERTICAL PANELS & OPPOSING TRAFFIC LANE DIVIDERS (OTLD) SEPARATING TWO-WAY TRAFFIC ON NORMALLY DIVIDED HIGHWAYS

NOTES:

1. When two-lane, two way traffic control must be maintained on one roadway of a normally divided highway, opposing traffic shall be separated with either temporary traffic barriers, channelizing devices, or a temporary raised island throughout the length of the two way operation. The above Typical Application is intended to show the appropriate application of channelizing devices when they are used for this purpose. This is not a traffic control plan. If this detail is to be used for other types of roads or applications, those locations should be stated elsewhere in the plans.
2. △ Space devices according to the Tangent Spacing shown on the Device Spacing table on BC(9) but not exceeding 100'.
3. Every fifth device should be an OTLD except when spaced closer to accommodate an intersection. An OTLD should be the first device on each side of intersecting streets or roads.
4. Locations where surface mount bases with adhesives or self-righting devices will be required in order to maintain them in their proper position should be noted elsewhere in the plans.
5. Channelizing devices are to be vertical panels, 42" cones or tubular markers that are at least 36" tall. Tubular markers used to separate traffic should have a rubber base weighing at least 30 pounds. Tubular markers that are 42" tall or more shall have four bands of reflective material as detailed for 42" cones on BC(10). Tubular markers less than 42" but at least 36" tall shall have three bands of 3" wide white reflective material spaced 2" apart. Reflective material shall meet DMS-8300, Type A.

Texas Department of Transportation — Traffic Operations Division Standard

TRAFFIC CONTROL PLAN TYPICAL DETAILS

WZ(TD)-17

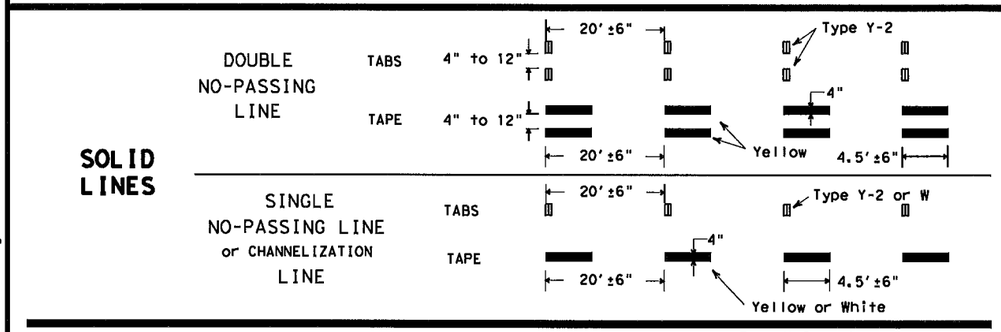
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©TxDOT February 1998	CONT	SECT	JOB	HIGHWAY
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WORK ZONE SHORT TERM PAVEMENT MARKINGS DETAILS



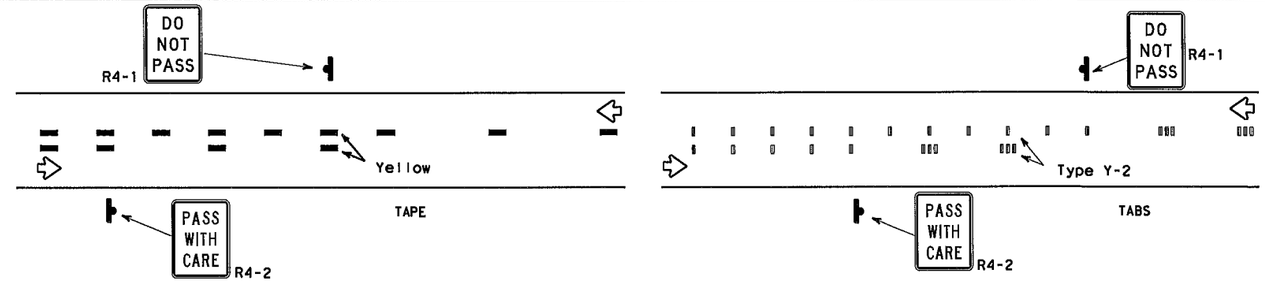
NOTES:

1. Short term pavement markings may be prefabricated markings (stick down tape) or temporary flexible-reflective roadway marker tabs unless otherwise specified elsewhere in plans.
2. Short term pavement markings shall NOT be used to simulate edge lines.
3. Dimensions indicated on this sheet are typical and approximate. Variations in size and height may occur between markers or devices made by manufacturers, by as much as 1/4 inch, unless otherwise noted.
4. Temporary flexible-reflective roadway marker tabs will require normal maintenance replacement when used on roadways with an ADT per lane of up to 7500 vehicles with no more than 10% truck mix. When roadways exceed these values, additional maintenance replacement of devices should be planned.
5. No segment of roadway open to traffic shall remain without permanent pavement markings for a period greater than 14 calendar days. The Contractor will be responsible for maintaining short term pavement markings until permanent pavement markings are in place. When the Contractor is responsible for placement of permanent pavement markings, no segment of roadway shall remain without permanent pavement markings for a period greater than 14 calendar days unless weather conditions prohibit placement. Permanent pavement markings shall be placed as soon as weather permits.
6. For two lane, two-way roadways, DO NOT PASS signs shall be erected to mark the beginning of sections where passing is prohibited and PASS WITH CARE signs shall be erected to mark the beginning of sections where passing is permitted. Signs shall be in accordance with the "Texas Manual on Uniform Traffic Control Devices" (TMUTCD) and may be used to indicate the limits of no-passing zones for up to 14 calendar days. Permanent pavement markings should then be placed.
7. For low volume two lane, two-way roadways of 4000 ADT or less, no-passing lines may be omitted when approved by the Engineer. DO NOT PASS and PASS WITH CARE signs shall be erected (see note 6).
8. For exit gores where a lane is being dropped place wide gore markings or retroreflective channelizing devices to guide motorist through the exit. If channelizing devices are to be used it should be noted elsewhere in the plans. One piece cones are not allowed for this purpose.

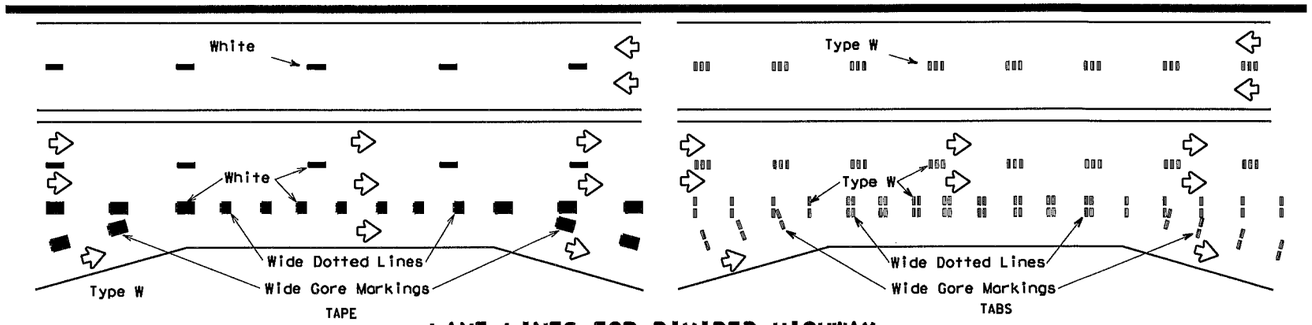
TEMPORARY FLEXIBLE, REFLECTIVE ROADWAY MARKER TABS (TABS)

1. Temporary flexible-reflective roadway marker tabs detailed on this sheet will be designated Type Y-2 (two amber reflective surfaces with yellow body); Type Y (one amber reflective surface with yellow body); and Type W (one white or silver reflective surface with white body). Additional details may be found on BC(11).
2. Tabs shall meet requirements of Departmental Material Specification DMS-8242.
3. When dry, tabs shall be visible for a minimum distance of 200 feet during normal daylight hours and when illuminated by automobile low-beam head light at night, unless sight distance is restricted by roadway geometrics.
4. No two consecutive tabs nor four tabs per 1000 feet of line shall be missing or fail to meet the visual performance requirements of Note 3.

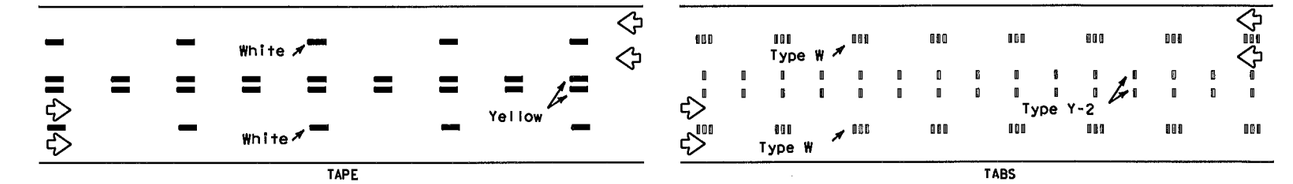
WORK ZONE SHORT TERM PAVEMENT MARKINGS PATTERNS



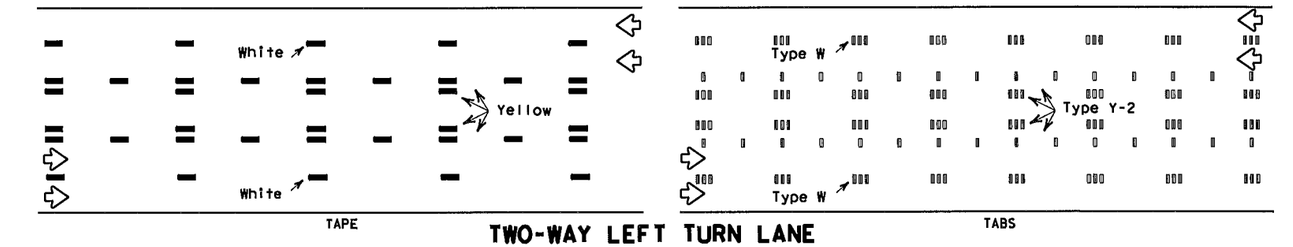
CENTER LINE & NO-PASSING ZONE BARRIER LINES FOR TWO LANE TWO-WAY HIGHWAYS



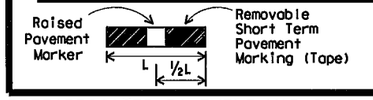
LANE LINES FOR DIVIDED HIGHWAY



LANE & CENTER LINES FOR MULTILANE UNDIVIDED HIGHWAYS



TWO-WAY LEFT TURN LANE



If raised pavement markers are used to supplement REMOVABLE short term markings, the markers shall be applied to the top of the tape at the approximate mid length of the tape. This allows an easier removal of raised markers and tape.

PREFABRICATED PAVEMENT MARKINGS

1. Temporary Removable Prefabricated Pavement Markings shall meet the requirements of DMS-8241.
2. Non-removable Prefabricated Pavement Markings shall meet the requirements of either DMS-8240 "Permanent Prefabricated Pavement Markings" or DMS-8243 "Temporary Construction-Grade Prefabricated Pavement Markings."

RAISED PAVEMENT MARKERS

1. All raised pavement markers used for work zone markings shall meet the requirements of Item 672, "RAISED PAVEMENT MARKERS" and DMS-4200.

DEPARTMENTAL MATERIAL SPECIFICATIONS (DMS) & MATERIAL PRODUCER LISTS (MPL)

1. DMSs referenced above can be found along with embedded links to their respective MPLs at the following website:
   http://www.txdot.gov/business/contractors_consultants/material_specifications/default.htm

Texas Department of Transportation

Traffic Operations Division Standard

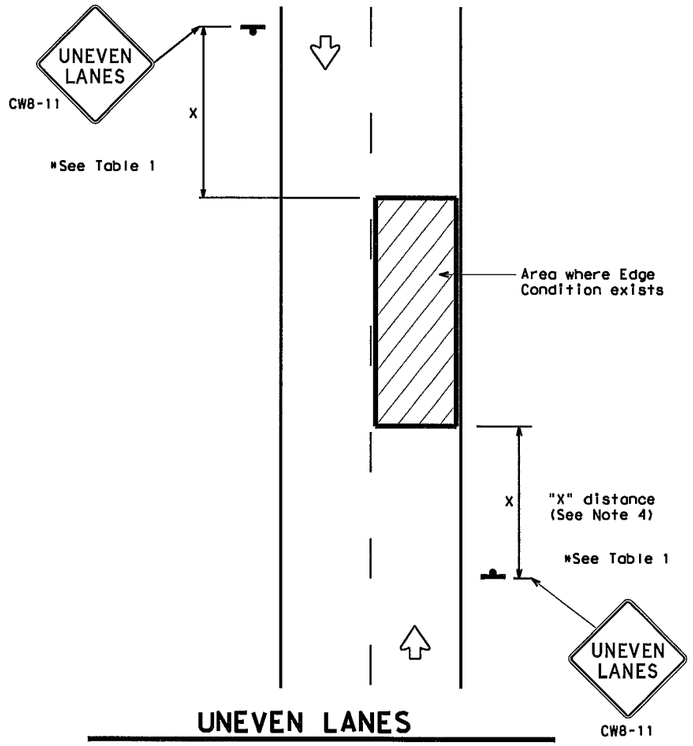
WORK ZONE SHORT TERM PAVEMENT MARKINGS

WZ(STPM)-13

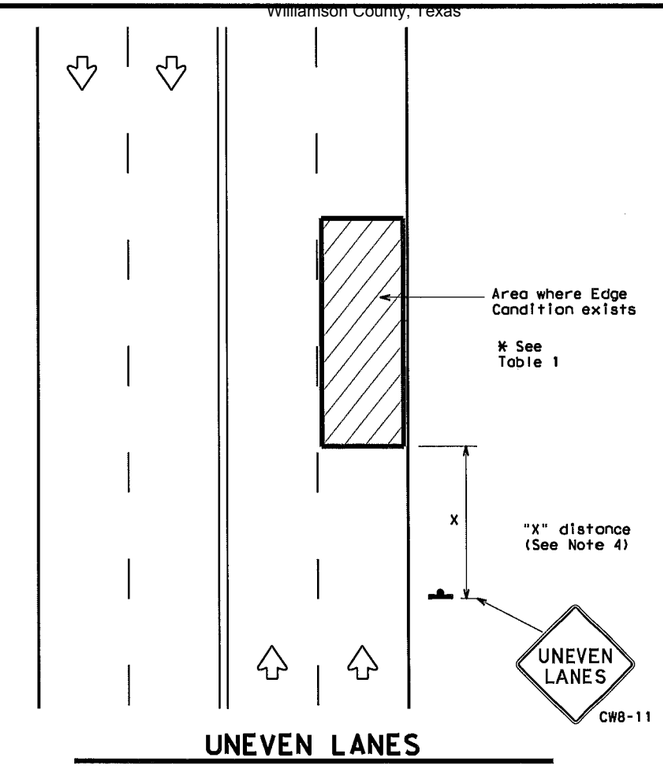
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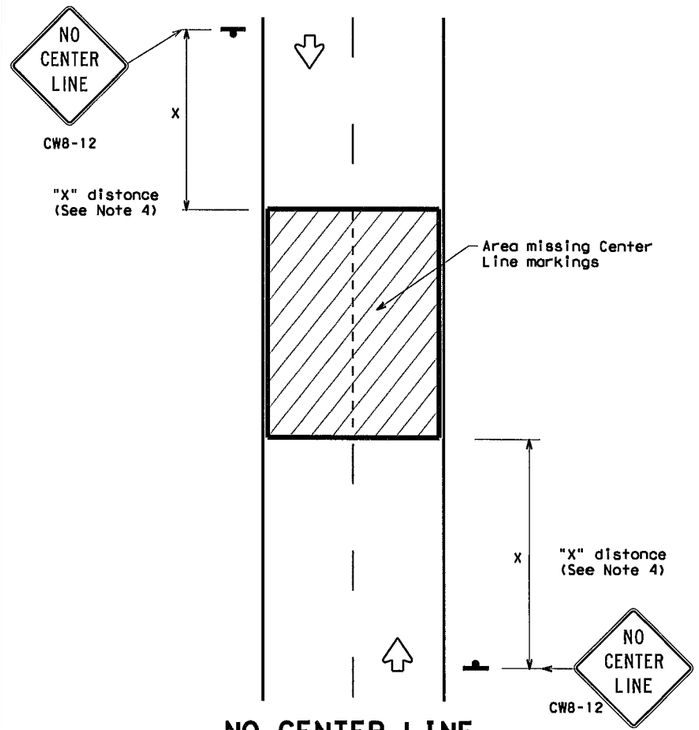
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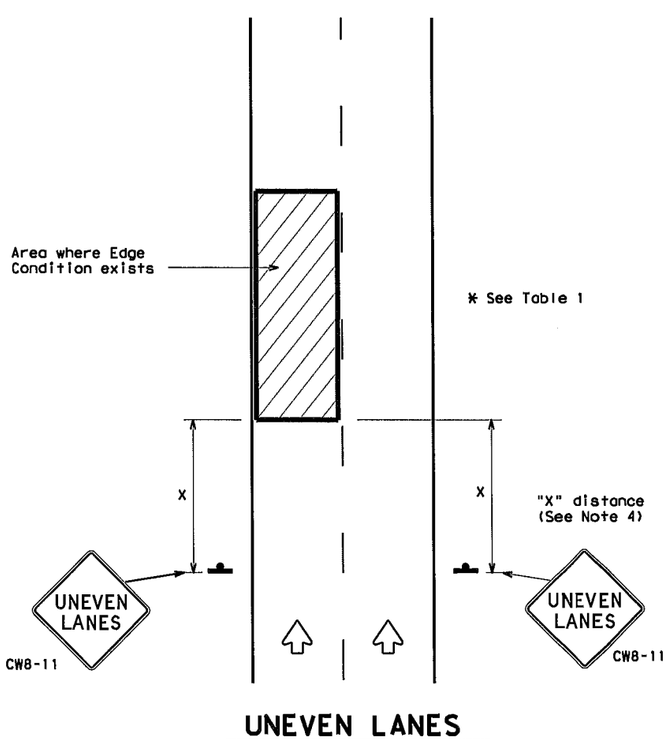
UNEVEN LANES
TWO LANE CONVENTIONAL ROAD



UNEVEN LANES
FOUR LANE CONVENTIONAL ROAD



NO CENTER LINE
TWO LANE CONVENTIONAL ROAD



UNEVEN LANES
DIVIDED ROADWAY

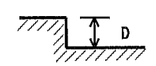
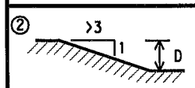
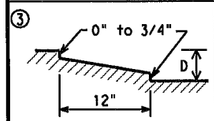
DEPARTMENTAL MATERIAL SPECIFICATIONS	
PERMANENT PREFABRICATED PAVEMENT MARKINGS	DMS-8240
TEMPORARY (REMOVABLE) PREFABRICATED PAVEMENT MARKINGS	DMS-8241
SIGN FACE MATERIALS	DMS-8300

COLOR	USAGE	SHEETING MATERIAL
ORANGE	BACKGROUND	TYPE B_{FL} OR TYPE C_{FL} SHEETING
BLACK	LEGEND & BORDERS	ACRYLIC NON-REFLECTIVE SHEETING

GENERAL NOTES

1. If spalling or holes occur, ROUGH ROAD (CW8-8) signs should be placed in advance of the condition and be repeated every two miles where the condition persists.
2. UNEVEN LANES (CW8-11) signs shall be installed in advance of the condition and repeated every mile. Signs installed along the uneven lane condition may be supplemented with the NEXT XX MILES (CW7-3aP) plaque or Advisory Speed (CW13-1P) plaque.
3. NO CENTER LINE (CW8-12) signs and temporary pavement markings as per the WZ(STPM) standard shall be installed if yellow centerlines separating two way traffic are obscured or obliterated. Repeat NO CENTER LINE signs every two miles where the center line markings are not in place. The signs and markings shall remain in place until permanent pavement markings are installed.
4. Signs shall be spaced at the distances recommended as per BC standards.
5. Additional signs may be required as directed by the Engineer. Signs shall remain in place until final surface is applied. Signs shall be considered subsidiary to Item 502 "BARRICADES, SIGNS AND TRAFFIC HANDLING."
6. Signs shall be fabricated and mounted on supports as shown on the BC standards and/or listed on the "Compliant Work Zone Traffic Control Devices" list.
7. Short term markings shall not be used to simulate edge lines.
8. All signs shall be constructed in accordance with the details found in the "Standard Highway Sign Designs for Texas," latest edition.

TABLE 1

Edge Condition	Edge Height (D)	* Warning Devices
① 	Less than or equal to: 1¼" (maximum-planing) 1½" (typical-overlay)	Sign: CW8-11
	Distance "D" may be a maximum of 1 1/4 " for planing operations and 2" for overlay operations if uneven lanes with edge condition 1 are open to traffic after work operations cease.	
② 	Less than or equal to 3"	Sign: CW8-11
③  Notched Wedge Joint	Distance "D" may be a maximum of 3" if uneven lanes with edge condition 2 or 3 are open to traffic after work operations cease. Uneven lanes should not be open to traffic when "D" is greater than 3".	

TRAFFIC CONTROL DURING PLANING, OVERLAY AND LEVELING OPERATIONS ARE SHOWN ELSEWHERE IN THE PLANS.

MINIMUM WARNING SIGN SIZE	
Conventional roads	36" x 36"
Freeways/expressways, divided roadways	48" x 48"

Texas Department of Transportation

Traffic Operations Division Standard

SIGNING FOR UNEVEN LANES

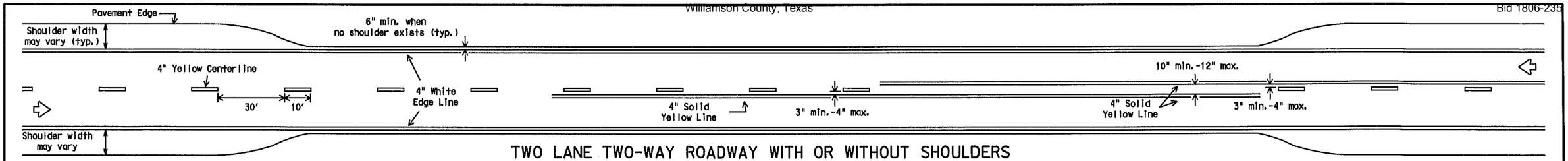
WZ(UL)-13

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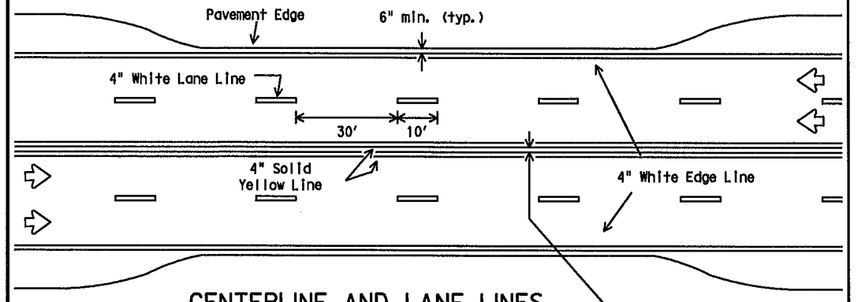
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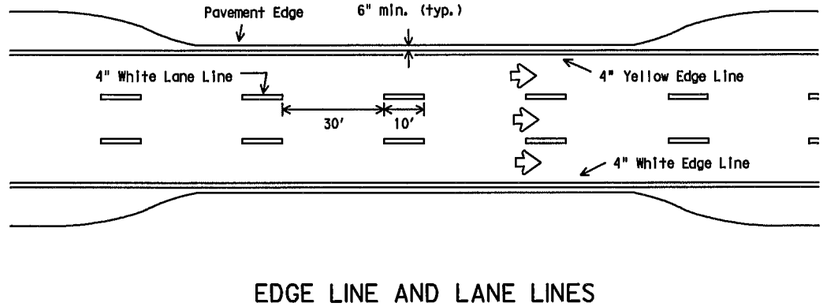
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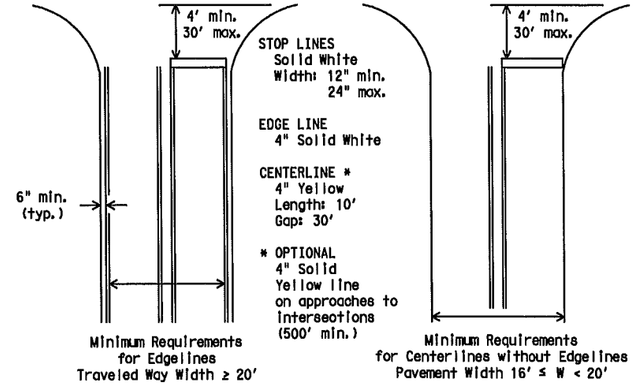
TWO LANE TWO-WAY ROADWAY WITH OR WITHOUT SHOULDERS



CENTERLINE AND LANE LINES FOUR LANE TWO-WAY ROADWAY WITH OR WITHOUT SHOULDERS

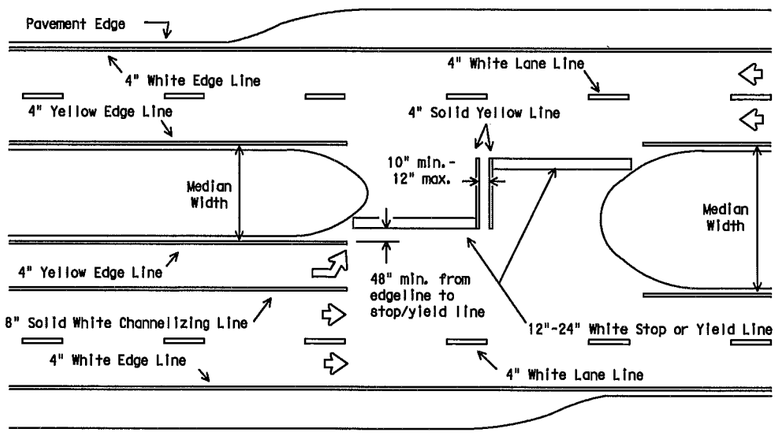


EDGE LINE AND LANE LINES ONE-WAY ROADWAY WITH OR WITHOUT SHOULDERS



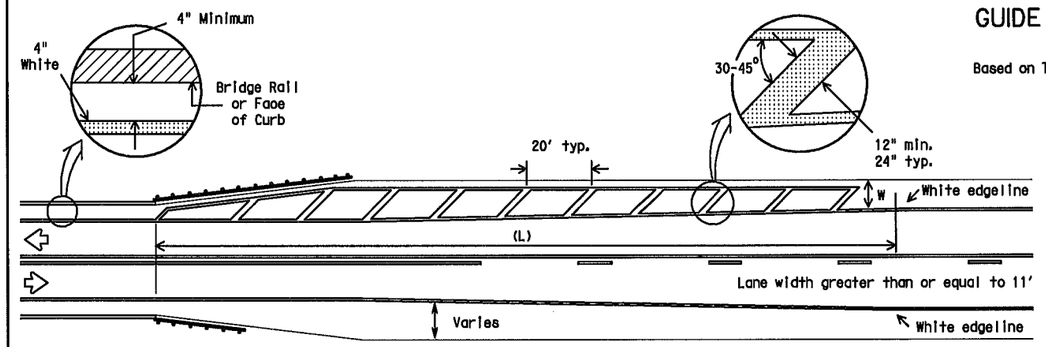
GUIDE FOR PLACEMENT OF STOP LINES, EDGE LINE & CENTERLINE

Based on Traveled Way and Pavement Widths for Undivided Highways



All medians shall be field measured to determine the location of necessary striping. Stop/Yield bars and centerlines shall be placed when the median width is greater than 30 ft. The median width is defined as the area between two roadways of a divided highway measured from edge of traveled way to edge of traveled way. The median excludes turn lanes. The median width might be different between intersections, interchanges and of opposite approaches of the same intersection. The narrow median width will be the controlling width to determine if markings are required.

FOUR LANE DIVIDED ROADWAY INTERSECTIONS



NOTES:

1. No-passing zone on bridge approach is optional but if used, it shall be a minimum 500 feet long.
2. For crosshatching length (L) see Table 1.
3. The width of the offset (W) and the required crosshatching width is the full shoulder width in advance of the bridge.
4. The crosshatching is not required if delineators or barrier reflectors are used along the structure.
5. For guard fence details, refer elsewhere in the plans.

ROADWAYS WITH REDUCED SHOULDER WIDTHS ACROSS BRIDGE OR CULVERT

TABLE 1 - TYPICAL LENGTH (L)

Posted Speed *	Formula
≤ 40	$L = \frac{WS^2}{60}$
≥ 45	L=WS

* 85th Percentile Speed may be used on roads where traffic speeds normally exceed the posted speed limit. Crosshatching length should be rounded up to nearest 5 foot increment.

L=Length of Crosshatching (FT.) W=Width of Offset (FT.)
S=Posted Speed (MPH)

EXAMPLES:

An 8 foot shoulder in advance of a bridge reduces to 4 feet on a 70 MPH roadway. The length of the crosshatching should be:

$L = 8 \times 70 = 560$ ft.

A 4 foot shoulder in advance of a bridge reduces to 2 feet on a 40 MPH roadway. The length of the crosshatching should be:

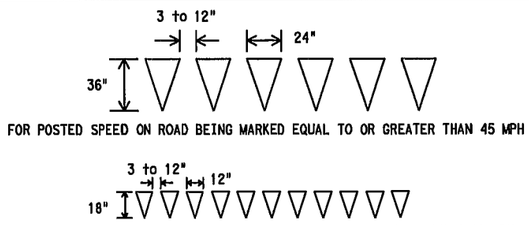
$L = 4(40)^2 / 60 = 106.67$ ft. rounded to 110 ft.

GENERAL NOTES

1. Edgeline striping shall be as shown in the plans or as directed by the Engineer. The edgeline should typically be placed a minimum of 6 inches from the edge of pavement. This distance may vary due to pavement raveling or other conditions. Edgelines are not required in curb and gutter sections of roadways.
2. The traveled way includes only that portion of the roadway used for vehicular travel and not the parking lanes, sidewalks, berms and shoulders. The traveled ways shall be measured from the inside of edgeline to inside of edgeline of a two lane roadway.

MATERIAL SPECIFICATIONS	
PAVEMENT MARKERS (REFLECTORIZED)	DMS-4200
EPOXY AND ADHESIVES	DMS-6100
BITUMINOUS ADHESIVE FOR PAVEMENT MARKERS	DMS-6130
TRAFFIC PAINT	DMS-8200
HOT APPLIED THERMOPLASTIC	DMS-8220
PERMANENT PREFABRICATED PAVEMENT MARKINGS	DMS-8240

All pavement marking materials shall meet the required Departmental Material Specifications as specified by the plans.



YIELD LINES

Texas Department of Transportation
Traffic Operations Division

TYPICAL STANDARD PAVEMENT MARKINGS

PM(1)-12

© TxDOT November 1978

DN: TXDOT	CK: TXDOT	DW: TXDOT	CK: TXDOT

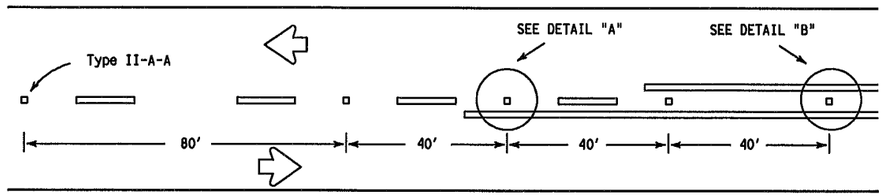
REVISIONS	CONT	SECT	JOB	HIGHWAY
8-95 2-12				
5-00				
8-00	DIST	COUNTY		SHEET NO.
3-03				52 97

22A

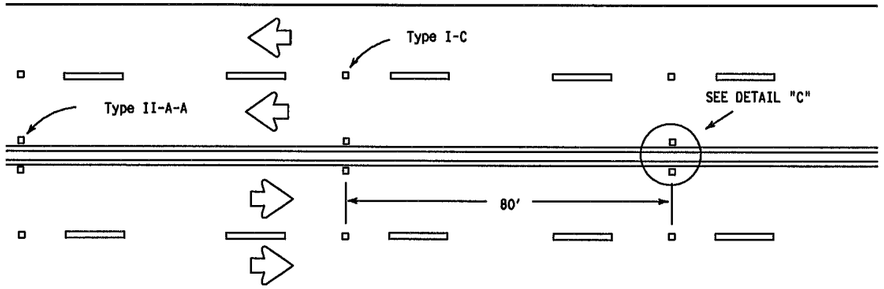
DATE:
FILE:
6/12/2018 2:17 PM

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REFLECTIVE RAISED PAVEMENT MARKERS FOR VEHICLE POSITIONING GUIDANCE

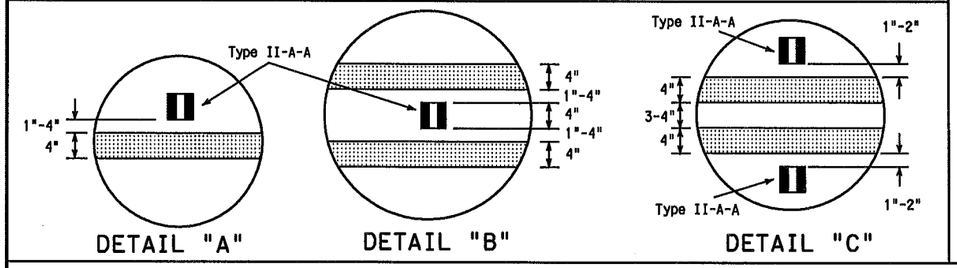


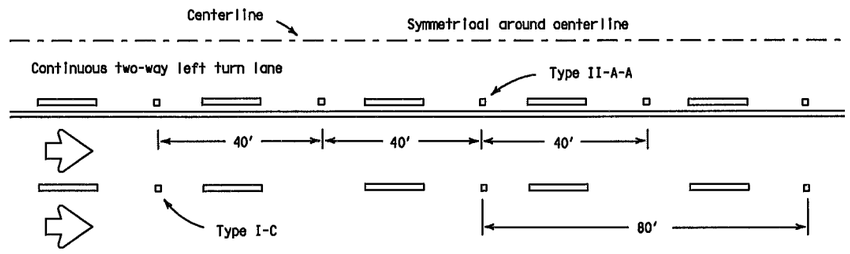
CENTERLINE FOR ALL TWO LANE ROADWAYS



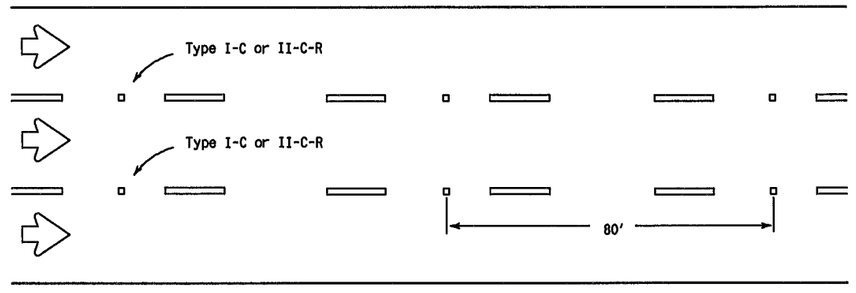
CENTERLINE & LANE LINES FOR FOUR LANE TWO-WAY HIGHWAYS

Raised pavement marker Type I-C, clear face toward normal traffic, shall be placed on 80-foot centers.



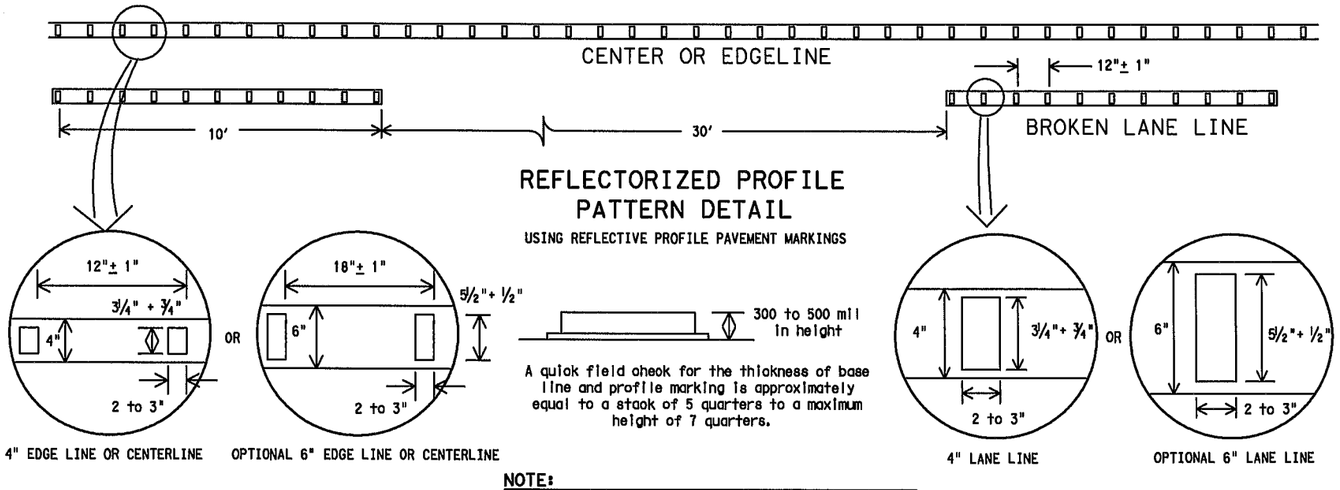


CENTERLINE AND LANE LINES FOR TWO-WAY LEFT TURN LANE



LANE LINES FOR ONE-WAY ROADWAY (NON-FREEWAY FACILITIES)

Raised pavement markers Type II-C-R shall have clear face toward normal traffic and red face toward wrong-way traffic.



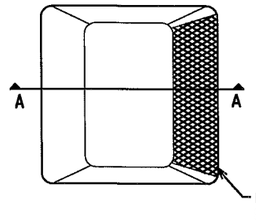
NOTE:
Profile markings shall not be placed on roadways with a posted speed limit of 45 MPH or less.

GENERAL NOTES

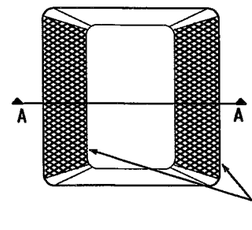
1. All raised pavement markers placed in broken lines shall be placed in line with and midway between the stripes.
2. On concrete pavements the raised pavement markers should be placed to one side of the longitudinal joints.

MATERIAL SPECIFICATIONS	
PAVEMENT MARKERS (REFLECTORIZED)	DMS-4200
EPOXY AND ADHESIVES	DMS-6100
BITUMINOUS ADHESIVE FOR PAVEMENT MARKERS	DMS-6130
TRAFFIC PAINT	DMS-8200
HOT APPLIED THERMOPLASTIC	DMS-8220
PERMANENT PREFABRICATED PAVEMENT MARKINGS	DMS-8240

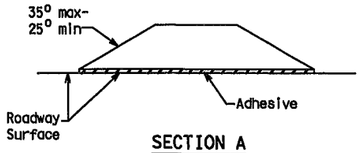
All pavement marking materials shall meet the required Departmental Material Specifications as specified by the plans.



Type I (Top View)



Type II (Top View)



SECTION A

RAISED PAVEMENT MARKERS

Texas Department of Transportation
Traffic Operations Division

POSITION GUIDANCE USING RAISED MARKERS
REFLECTORIZED PROFILE MARKINGS

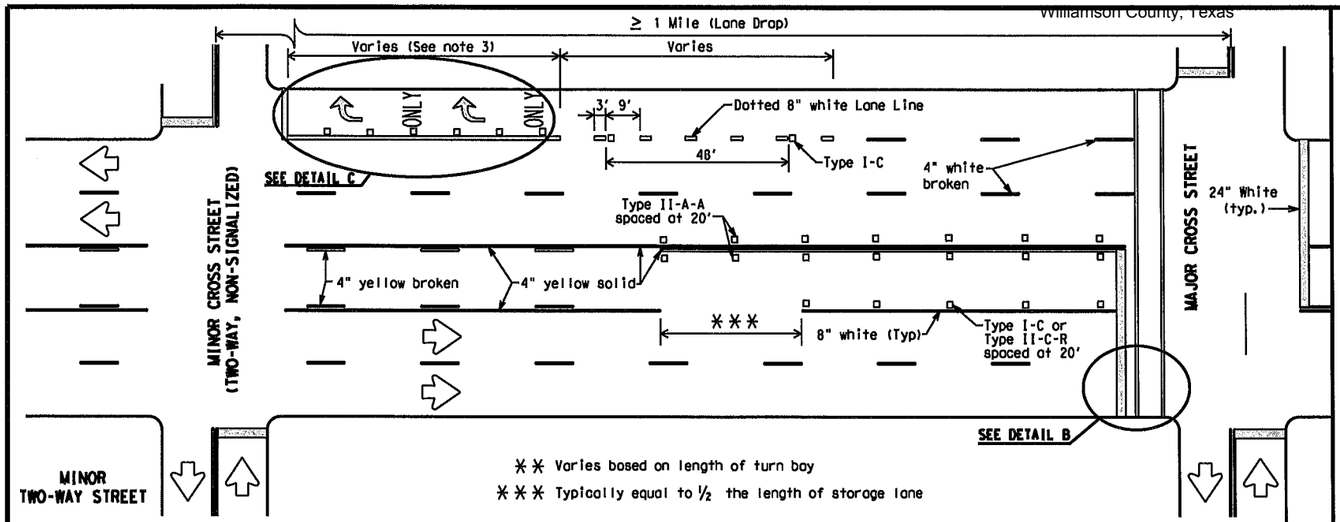
PM(2)-12

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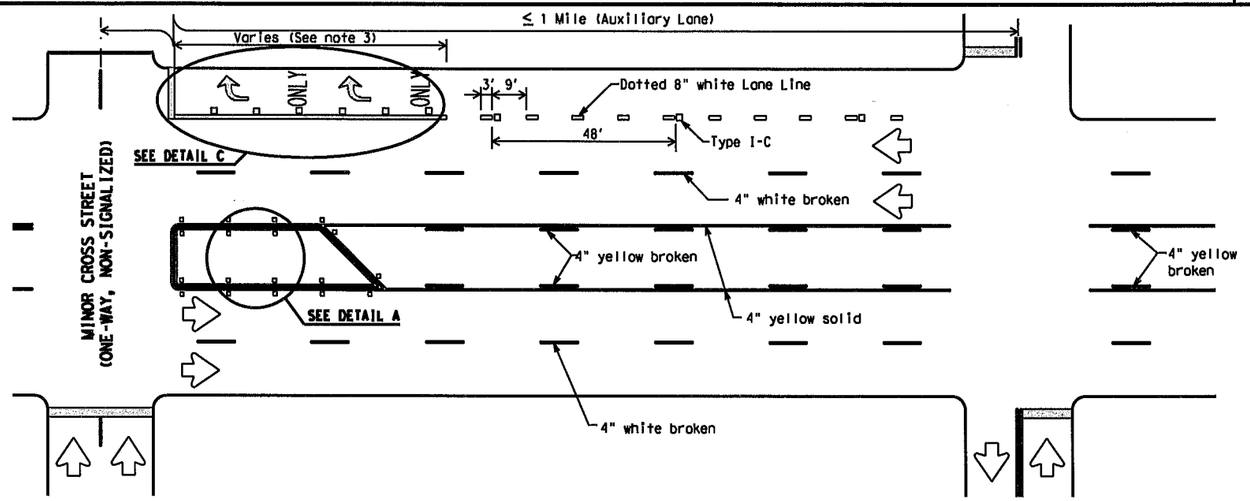
REVISIONS		DN: TXDOT	CK: TXDOT	DW: TXDOT	CK: TXDOT
4-92	2-10	CONT	SECT	JOB	HIGHWAY
5-00	2-12				
8-00		DIST	COUNTY		SHEET NO.
2-08					52 98

DATE:
FILE:
6/12/2018 2:17 PM

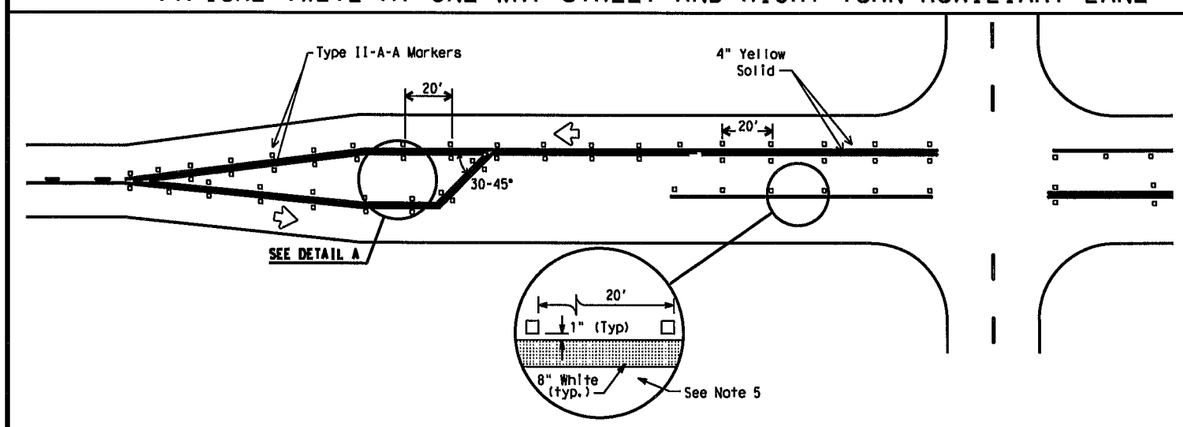
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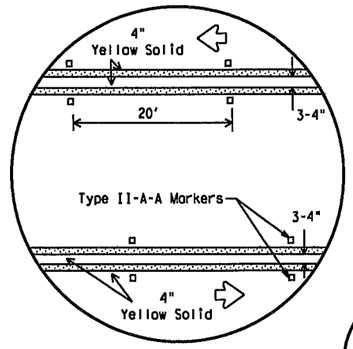
TYPICAL TWLTL AT TWO-WAY CROSS STREET AND RIGHT TURN LANE DROP



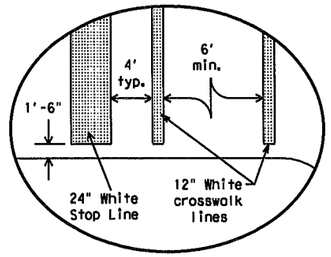
TYPICAL TWLTL AT ONE-WAY STREET AND RIGHT TURN AUXILIARY LANE



TYPICAL TWO-LANE HIGHWAY INTERSECTION WITH LEFT TURN BAYS

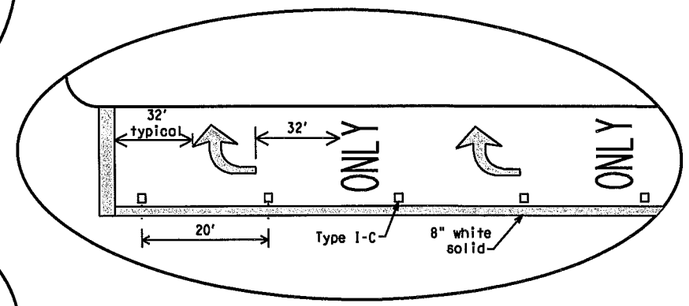


DETAIL A



Final placement of Stop Bar and Crosswalk shall be approved by the Engineer in the field.

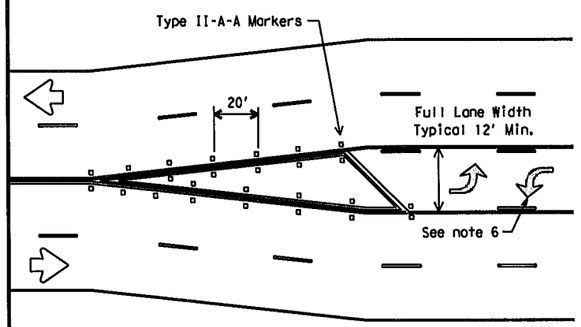
DETAIL B



DETAIL C

MATERIAL SPECIFICATIONS	
PAVEMENT MARKERS (REFLECTORIZED)	DMS-4200
EPOXY AND ADHESIVES	DMS-6100
BITUMINOUS ADHESIVE FOR PAVEMENT MARKERS	DMS-6130
TRAFFIC PAINT	DMS-8200
HOT APPLIED THERMOPLASTIC	DMS-8220
PERMANENT PREFABRICATED PAVEMENT MARKINGS	DMS-8240

All pavement marking materials shall meet the required Departmental Material Specifications as specified by the plans.



TYPICAL TRANSITION FOR TWLTL AND DIVIDED HIGHWAY

GENERAL NOTES

1. Refer elsewhere in plans for additional RPM placement and details.
2. Lane use word and arrow markings shall be used where through lanes approaching an intersection become mandatory turn lanes. Lane use word and arrow markings should be used in auxiliary lanes of substantial length. Lane use arrow markings or word and arrow markings may be used in other lanes and turn bays for emphasis. Details for words and arrows as shown in the Standard Highway Sign Designs for Texas.
3. When lane used word and arrow markings are used, two sets of arrows should be used if the length of the bay is greater than 180 feet. When a single lane use arrow or word and arrow marking is used for a short turn lane, it should be located at or near the upstream end of the full-width turn lane.
4. Other crosswalk patterns as shown in the "Texas Manual on Uniform Traffic Control Devices" may be used.
5. Raised pavement marker Type I-C with undivided highways, flush medians and two way left turn lanes. Raised pavement marker Type II-C-R with divided highways and raised medians.
6. A two-way left-turn (TWLT) lane-use arrow pavement marking should be used at or just downstream from the beginning of a two-way left-turn lane within a corridor. Repeating the marking after each intersection or dedicated turn bay is not required unless stated elsewhere in the plans.

Texas Department of Transportation
Traffic Operations Division

PAVEMENT MARKINGS FOR TWO-WAY LEFT TURN LANES DIVIDED HIGHWAYS AND RURAL LEFT TURN BAYS

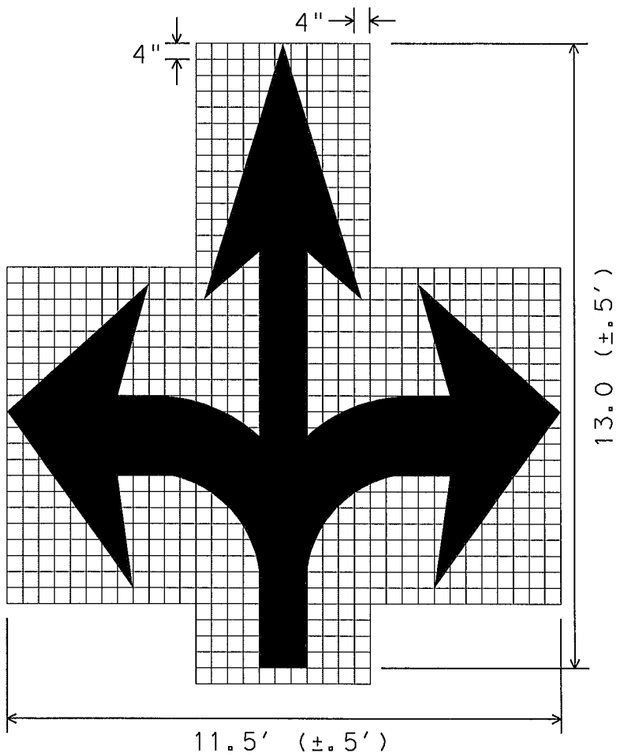
PM(3)-12

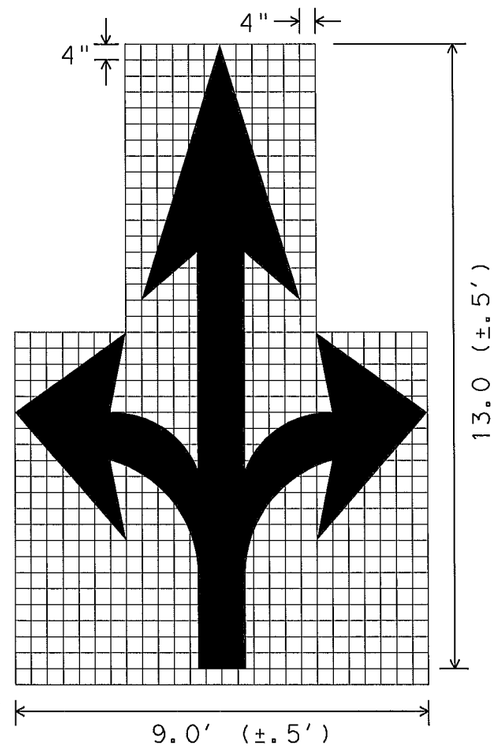
© TxDOT April 1998

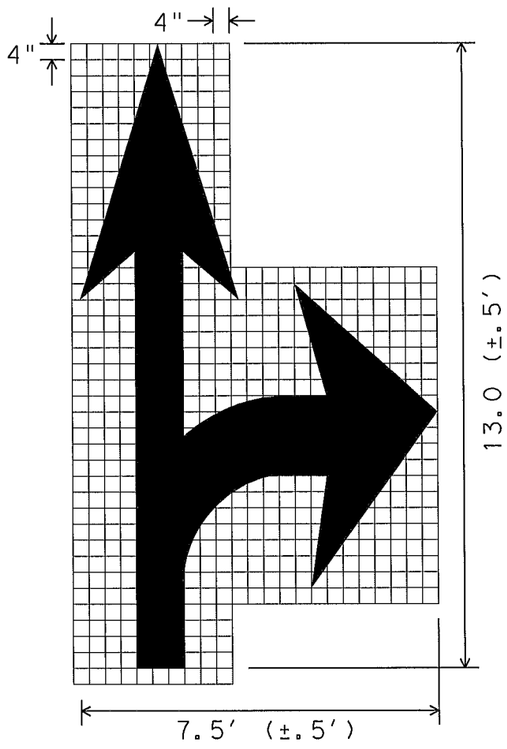
REVISIONS		DN: TXDOT	CK: TXDOT	DW: TXDOT	CK: TXDOT
5-00 2-12	CONT	SECT	JOB	HIGHWAY	
8-00					
3-03	DIST	COUNTY		SHEET NO.	
2-10				54	

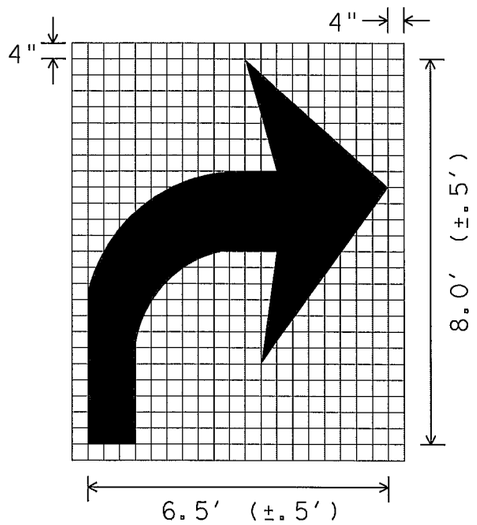
DATE:
FILE:

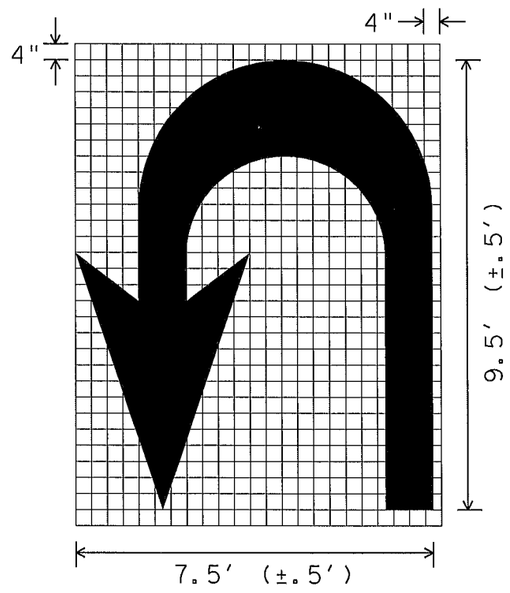
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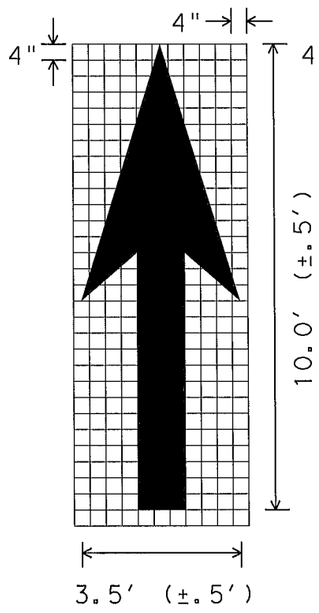


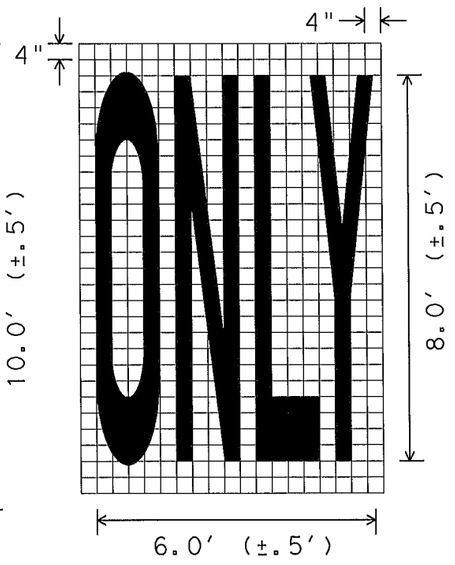












GENERAL NOTES;

1. Minimum 8 foot white markings should be used, unless otherwise noted. If message consists of more than one word, it should be placed with first word nearest the driver.
2. These details are standard size for normal installation; sizes may be reduced approximately one-third for low speed urban conditions; larger sizes may be needed for freeways, above average speed conditions or other critical locations.
3. The longitudinal space between markings should be at least four times the height of the markings, on low speed roads, but should not exceed ten times the height under any condition.
4. Markings considered appropriate for use when warranted include the following:
   A. Regulatory
      STOP
      RIGHT (LEFT) TURN ONLY
      25 MPH
      SYMBOL ARROWS
   B. Warning
      STOP AHEAD
      SIGNAL AHEAD
      SCHOOL
      SCHOOL X-ING
      PED X-ING
      R X R (see RCPM standard)
   C. Guide
      US XXX
      ROUTE XXX
      STATE XXX
      Other words or symbols may be necessary under certain conditions
5. Uncontrolled use of pavement markings can result in driver confusion. Word and symbol markings should be no more than three lines.
6. The word "STOP" shall not be used on the pavement unless accompanied by a Stop line and Stop sign. The word "STOP" shall not be placed on the pavement in advance to a stop line, unless every vehicle is required to stop at all times.
7. Pavement markings should generally be no more than one lane in width, with School messages being the exception. For details of School and School crossing pavement markings, refer to Part VII of the "Texas Manual on Uniform Traffic Control Devices".
8. Spacing between letters should be approximately 4 inches. The width of letters may vary depending on the width of the travel lanes.
9. Lane-Use arrow markings may be used to convey either guidance or mandatory messages. Arrows used to convey a mandatory movement must be accompanied by standard signs and the pavement marking word "ONLY".
10. Pavement markings are to be located as specified elsewhere in the plans.

SPACING BETWEEN LINES OF PAVEMENT MARKINGS	
MPH	SPACING
≤ 45	MINIMUM 4 TIMES THE LETTER HEIGHT
> 45	MINIMUM - 4 TIMES THE LETTER HEIGHT MAXIMUM - 10 TIMES THE LETTER HEIGHT

LEVELS DISPLAYED

																ACC:
1	2	3	4	5	6	7	8	9	10	11	21	30	41	51	61	
1	11	81	91	202	212	223	232	242	252	262	272	282	293	303	313	32
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	
49	50	51	52	53	54	55	56	57	58	59	60	61	62	63		

STANDARD PLANS
Texas Department of Transportation
Traffic Operations Division

STANDARD PAVEMENT MARKINGS (ARROWS)

PM(6)-01

© TxDOT March 2001	DN: -	CK: GRB	DW: FDN	CK: CAL
REVISIONS	STATE DISTRICT	FEDERAL REGION	FEDERAL AID PROJECT	SHEET
		6		55
	COUNTY	CONTROL	SECTION	JOB	HIGHWAY

Bid Form
Ronald Reagan Blvd - from SH 195 to IH 35 (Phase 1)
Williamson County

PHASE	ITEM	NO	DESCRIPTION	UNITS	QTY	Unit Price	Total Price
PHASE 1	160	6003	FURNISHING AND PLACING TOPSOIL (4")	SY	26607		
PHASE 1	164	6033	DRILL SEEDING (PERM) (RURAL) (SANDY)	SY	26607		
PHASE 1	166	6001	FERTILIZER	AC	6		
PHASE 1	168	6001	VEGETATIVE WATERING	MG	1254		
PHASE 1	316	6175	AGGR (TY-B GR-4 SAC-B)	CY	640		
PHASE 1	316	6466	ASPH (CHFRS-2P OR CRS-2P)	GAL	25726		
PHASE 1	341	6008	D - GR HMA TY - B PG64 - 22	TON	2017		
PHASE 1	341	6043	D - GR HMA TY - D PG70 - 22	TON	8086		
PHASE 1	341	6062	D-GR HMA TY-D PG64-22(LEVEL-UP)	TON	1009		
PHASE 1	354	6021	PLANE ASPH CONC PAV (0" TO 2")	SY	13001		
PHASE 1	354	6082	PLANE ASPH CONC PAV (10")	SY	3668		
PHASE 1	500	6001	MOBILIZATION	LS	1		
PHASE 1	502	6001	BARRICADES, SIGNS AND TRAFFIC HANDLING	MO	2		
PHASE 1	662	6109	WK ZN PAV MRK SHT TERM (TAB) TY W	EA	75		
PHASE 1	662	6111	WK ZN PAV MRK SHT TERM (TAB) TY Y - 2	EA	1505		
PHASE 1	666	6035	REFL PAV MRK TY I (W) 8" (SLD) (090MIL)	LF	746		
PHASE 1	666	6047	REFL PAV MRK TY I (W) 24" (SLD) (090MIL)	LF	35		
PHASE 1	666	6053	REFL PAV MRK TY I (W) (ARROW) (090MIL)	EA	2		
PHASE 1	666	6077	REFL PAV MRK TY I (W) (WORD) (090MIL)	EA	2		
PHASE 1	666	6146	REFL PAV MRK TY I (Y) 24" (SLD) (090MIL)	LF	0		
PHASE 1	666	6167	REFL PAV MRK TY II (W) 4" (BRK)	LF	0		
PHASE 1	666	6170	REFL PAV MRK TY II (W) 4" (SLD)	LF	29860		
PHASE 1	666	6178	REFL PAV MRK TY II (W) 8" (SLD)	LF	746		
PHASE 1	666	6182	REFL PAV MRK TY II (W) 24" (SLD)	LF	35		
PHASE 1	666	6184	REFL PAV MRK TY II (W) (ARROW)	EA	2		
PHASE 1	666	6192	REFL PAV MRK TY II (W) (WORD)	EA	2		
PHASE 1	666	6207	REFL PAV MRK TY II (Y) 4" (SLD)	LF	30090		
PHASE 1	666	6214	REFL PAV MRK TY II (Y) 24" (SLD)	LF	0		
PHASE 1	666	6299	RE PM W / RET REQ TY I (W) 4" (BRK) (090MIL)	LF	0		
PHASE 1	666	6302	RE PM W / RET REQ TY I (W) 4" (SLD) (090MIL)	LF	29860		
PHASE 1	666	6314	RE PM W / RET REQ TY I (Y) 4" (SLD) (090MIL)	LF	30090		
PHASE 1	672	6007	REFL PAV MRKR TY I-C	EA	38		
PHASE 1	672	6009	REFL PAV MRKR TY II-A-A	EA	376		
					TOTAL		

Bid Form
Ronald Reagan Blvd - from SH 195 to IH 35 (Phase 2)
Williamson County

PHASE	ITEM	NO	DESCRIPTION	UNITS	QTY	Unit Price	Total Price
PHASE 2	160	6003	FURNISHING AND PLACING TOPSOIL (4")	SY	26134		
PHASE 2	164	6033	DRILL SEEDING (PERM) (RURAL) (SANDY)	SY	26134		
PHASE 2	166	6001	FERTILIZER	AC	6		
PHASE 2	168	6001	VEGETATIVE WATERING	MG	1232		
PHASE 2	316	6175	AGGR (TY-B GR-4 SAC-B)	CY	724		
PHASE 2	316	6466	ASPH (CHFRS-2P OR CRS-2P)	GAL	29114		
PHASE 2	341	6008	D - GR HMA TY - B PG64 - 22	TON	0		
PHASE 2	341	6043	D - GR HMA TY - D PG70 - 22	TON	9150		
PHASE 2	354	6021	PLANE ASPH CONC PAV (0" TO 2")	SY	4100		
PHASE 2	354	6082	PLANE ASPH CONC PAV (10")	SY	0		
PHASE 2	500	6001	MOBILIZATION	LS	1		
PHASE 2	502	6001	BARRICADES, SIGNS AND TRAFFIC HANDLING	MO	2		
PHASE 2	662	6109	WK ZN PAV MRK SHT TERM (TAB) TY W	EA	144		
PHASE 2	662	6111	WK ZN PAV MRK SHT TERM (TAB) TY Y - 2	EA	1609		
PHASE 2	666	6035	REFL PAV MRK TY I (W) 8" (SLD) (090MIL)	LF	1440		
PHASE 2	666	6047	REFL PAV MRK TY I (W) 24" (SLD) (090MIL)	LF	56		
PHASE 2	666	6053	REFL PAV MRK TY I (W) (ARROW) (090MIL)	EA	4		
PHASE 2	666	6077	REFL PAV MRK TY I (W) (WORD) (090MIL)	EA	4		
PHASE 2	666	6146	REFL PAV MRK TY I (Y) 24" (SLD) (090MIL)	LF	1015		
PHASE 2	666	6167	REFL PAV MRK TY II (W) 4" (BRK)	LF	1110		
PHASE 2	666	6170	REFL PAV MRK TY II (W) 4" (SLD)	LF	29150		
PHASE 2	666	6178	REFL PAV MRK TY II (W) 8" (SLD)	LF	1440		
PHASE 2	666	6182	REFL PAV MRK TY II (W) 24" (SLD)	LF	56		
PHASE 2	666	6184	REFL PAV MRK TY II (W) (ARROW)	EA	4		
PHASE 2	666	6192	REFL PAV MRK TY II (W) (WORD)	EA	4		
PHASE 2	666	6207	REFL PAV MRK TY II (Y) 4" (SLD)	LF	32180		
PHASE 2	666	6214	REFL PAV MRK TY II (Y) 24" (SLD)	LF	1015		
PHASE 2	666	6299	RE PM W / RET REQ TY I (W) 4" (BRK) (090MIL)	LF	1110		
PHASE 2	666	6302	RE PM W / RET REQ TY I (W) 4" (SLD) (090MIL)	LF	29150		
PHASE 2	666	6314	RE PM W / RET REQ TY I (Y) 4" (SLD) (090MIL)	LF	32180		
PHASE 2	672	6007	REFL PAV MRKR TY I-C	EA	86		
PHASE 2	672	6009	REFL PAV MRKR TY II-A-A	EA	615		
						TOTAL	

Agreement for Repairing, Milling and Overlay Road Construction Services

This Agreement ("Agreement") between Williamson County, Texas, a political subdivision of the State of Texas ("Owner") and _____ ("Contractor") is entered into in accordance with the following terms and conditions:

ARTICLE 1 SCOPE OF WORK: The Owner desires to retain Contractor to provide the construction services described herein. The Contractor shall have the overall responsibility for and shall provide complete construction services and furnish all materials, equipment, tools and labor as necessary or reasonably inferable to complete the following described construction services, or any phase of such services, in accordance with the Owner's requirements and the terms of this Agreement (hereinafter collectively referred to as the "Work"):

As described in the Invitation for Bid #1806-235, Repairing, Milling & Overlay – Ronald Reagan Boulevard from SH 195 to IH 35; including the specifications set forth therein, which is incorporated herein as if copied in full.

ARTICLE 2 CONTRACT PRICE: Owner agrees to pay to the Contractor, for the satisfactory performance of the Work, the not-to-exceed amount of _____ ($_____) in accordance with the terms and conditions of this Agreement.

ARTICLE 3 PLANS AND SPECIFICATIONS: The Work shall be performed pursuant to and in accordance with the following described plans and specifications, as well as any revisions made thereto:

As described in the Invitation for Bid #1806-235, Repairing, Milling & Overlay – Ronald Reagan Boulevard from SH 195 to IH 35, including the specifications set forth therein, which is incorporated herein as if copied in full.

Additional Work: Should Owner choose to add additional work, such additional work shall be described in a separate written amendment to this Agreement wherein the additional work shall be described and the parties shall set forth the amount of compensation to be paid by Owner for the additional work. Contractor shall not begin any additional work and Owner shall not be obligated to pay for any additional work unless a written amendment to this Agreement has been signed by both parties.

ARTICLE 4 SUBSTANTIAL AND FINAL COMPLETION:

4.1 Commencement of Work. Contractor shall commence the Work upon instruction to do so from the Owner and Construction shall be deemed to have commenced on the date of such instruction.

4.2 Substantial Completion. "Substantial Completion" means the stage in the progress of the Work when the Work, or designated portions thereof, may still require minor modifications or adjustments but, in the Owner's opinion, the Work has progressed to the point such that all parts of the Work under consideration are fully operational and usable for intended purposes, as evidenced by a Certificate of Substantial Completion approved by the Owner. If a Certificate of Occupancy is required by public authorities having jurisdiction over the Work, said certificate shall be issued before the Work or any portion thereof is considered substantially complete. When the Contractor considers that the Work, or a portion thereof which the Owner agrees to accept separately, is substantially complete, the Contractor shall notify Owner's Designated Representative (sometimes referred to as the "ODR") and request a determination as to whether the Work or designated portion thereof is substantially complete. If the ODR does not consider the Work substantially complete, the ODR will notify the Contractor giving reasons therefore. Failure on the Owner's part to list a reason does not alter the responsibility of the Contractor to complete all Work in accordance with the terms of this Agreement. After satisfactorily completing items identified by Owner's Designated Representative, the Contractor shall then submit another request for the ODR to determine Substantial Completion. If The ODR considers the Work substantially complete, The ODR will prepare and deliver a certificate of Substantial Completion which shall establish the date of Substantial Completion, shall include a punch list of items to be completed or corrected before final completion and final payment, shall establish the time within which the Contractor shall finish the punch list, and shall establish responsibilities of the Owner and the Contractor for security, maintenance, heat, utilities, damage to the Work, warranty and insurance. Failure to include an item on the punch list does not alter the responsibility of the Contractor to complete all Work in accordance with the terms and conditions of this Agreement. The certificate of Substantial Completion shall be signed by the Owner and the Contractor to evidence acceptance of the responsibilities assigned to them in such certificate.

Substantial Completion (as defined in this agreement) for all stages of the Work shall be achieved on or before the following Substantial Completion date:

DATE OR TIME FOR SUBSTANTIAL COMPLETION:

The Work shall be performed in two phases. Phase 1 (overlay from Station 150+00 to Project End and repair from SH 195 to Project End) is projected to be completed prior to September 30, 2018, which is within the Owner's fiscal year 2018. Depending on Owner's budget, the Owner shall determine if Phase 2 (overlay from SH 195 to Station 150+00) will occur within Owner's fiscal year 2018 or if it will be delayed until Owner's next fiscal year 2019. If Phase 2 is not commenced within Owner's fiscal year 2019, Phase 2 will be terminated from this Agreement and Owner will open for re-bid of Phase 2 services at a later date.

A time frame of **sixty (60) days (thirty (30) working days for Phase 1 and thirty (30) working days for Phase 2)** is given for Substantial Completion. The commencement of construction for each phase shall begin at the time specified by the County within the three hundred sixty-five (365) days of the pricing quoted on this bid. The Contractor will be given written notice to begin work on this project. The Work on this project shall begin within five (5) calendar days after such notification.

Under no circumstances will the time for Substantial Completion exceed this date without a written amendment to this Agreement. **THE TIMES SET FORTH IN THE CONSTRUCTION**

DOCUMENTS ARE AN ESSENTIAL ELEMENT OF THE AGREEMENT. TIME LIMITS STATED IN THE CONTRACT DOCUMENTS ARE OF THE ESSENCE OF THIS AGREEMENT.

4.3 Final Completion. The Work shall be fully and finally completed **on or before ten working days of Substantial Completion for each phase**; provided, however, Owner may extend said time period in the event bad weather affects the progress of the Work. Owner shall, at its sole discretion, determine when the Work has been fully and finally completed to its satisfaction.

4.4 Liquidated Damages. For each consecutive calendar day after the date of Substantial Completion that the Work is not Substantially Complete, the Owner may deduct the amount of **Two Hundred Dollars per day ($200/day)** from any money due or that becomes due the Contractor, not as a penalty but as liquidated damages representing the parties' estimate at the time of contract execution of the damages that the Owner will sustain for late completion. The parties stipulate and agree that calculating Owner's actual damages for late completion of the Work would be impractical, unduly burdensome, and cause unnecessary delay and that the amount of daily liquidated damages set forth is reasonable.

ARTICLE 5 PAYMENT:

Contractor shall have a duty to submit to the ODR by the end of each month a statement showing the total value of the Work performed during such month. The statement shall also include the value of all sound materials delivered on the Work site and to be included in the Work and all partially completed Work, whether bid as a lump sum or a unit item, which in the opinion of the ODR is acceptable. The ODR shall examine and approve or modify and approve such statement. The Owner shall then pay the Contractor pursuant to Chapter 2251 of the Texas Government Code ("Texas Prompt Payment Act"), as set forth in Article 11.1 of this Agreement, the total amount of the approved statement less all previous payments and all further sums that may by retained by the Owner under the terms of this Agreement or under the law. **Statements are not considered "received" until reviewed by the ODR and an approved statement is submitted to the Williamson County Auditor's Office; therefore, Contractor must ensure timely delivery of statements for review and processing.**

At any time following the completion of all Work, including all punch list items, cleanup, and the delivery of record documents, the Contractor shall submit a certified application for final payment, including all sums held as retainage if any, to the ODR for its review and approval. Contractor shall submit, prior to or with the application for final payment, final copies of all close out documents, including maintenance and operating instructions, guarantees and warranties, certificates, and all other items required by this Agreement. Contractor shall also submit consent of surety to final payment, an affidavit that all payrolls, bills for materials and equipment, subcontracted work and other indebtedness connected with the Work, except as specifically noted, have been paid or will be paid or otherwise satisfied within the period of time required by Chapter 2251, Texas Government Code. Contractor shall furnish documentation establishing payment or satisfaction of all such obligations, such as receipts, releases and waivers of claims arising out of the Agreement. Owner is entitled to rely upon this affidavit and the Contractor may not submit a claim on behalf of a subcontractor or vendor if that claim has not been noted as an exception in the affidavit.

Owner may deduct from the final payment all sums due from Contractor for any reason, Liquidated Damages and all other deductions authorized by this Agreement.

Final payment shall constitute a waiver of all claims by the Contractor except those specifically identified in writing and submitted to the ODR prior to the application for final payment. Provided, however, that the Work shall not be deemed fully performed by the Contractor and closed until the expiration of all warranty periods.

ARTICLE 6 CONTRACTOR'S GENERAL RESPONSIBILITIES AND COVENANTS:

6.1 Contractor shall perform all services specifically allocated to it hereunder, as well as those services reasonably inferable and necessary for completion of the Work. The Contractor shall keep the Owner informed of the progress and quality of the Work. Contractor agrees and acknowledges that Owner is entering into this Agreement in reliance on Contractor's represented expertise and ability to provide the Work described in this Agreement. Contractor agrees to use its best efforts, skill, judgment, and abilities to perform its obligations in accordance with the highest standards used in the profession and to further the interests of Owner in accordance with Owner's requirements and procedures.

6.2 Contractor's duties as set forth herein shall at no time be in any way diminished by reason of any approval by the Owner nor shall the Contractor be released from any liability by reason of such approval by the Owner, it being understood that the Owner at all times is ultimately relying upon the Contractor's skill and knowledge in performing the services required hereunder.

6.3 Contractor is responsible for initiating, maintaining, and supervising all safety precautions and programs in connection with the Work. The safety program shall comply with all applicable requirements of the current federal Occupational Safety and Health Act and all other applicable federal, state and local laws and regulations.

6.4 Contractor shall be an independent contractor under this Agreement and shall assume all of the rights, obligations, liabilities, applicable to it as such independent contractor hereunder and any provisions in this agreement which may appear to give Owner the right to direct Contractor as to details of doing the Work herein covered or to exercise a measure of control over the Work shall be deemed to mean that Contractor shall follow the desires of Owner in the results of the Work only. Owner shall not retain or have the right to control the Contractor's means, methods or details pertaining to the Contractor's performance of the Work described herein, nor shall Owner have the power to direct the order in which Contractor's Work is performed under this agreement. Owner and Contractor hereby agree and declare that Contractor is an Independent Contractor and as such meets the qualifications of an Independent Contractor under Texas Worker's Compensation Act, Texas Labor Code, Section 406.141, that the Contractor is not an employee of Owner for purposes of this Agreement, and that the Contractor and its employees, agents and sub-subcontractors shall not be entitled to worker's compensation coverage or any other type of insurance coverage held by Owner.

6.5 As part of Contractor obligation to coordinate the Work, Contract shall:

a. cooperate with the ODR and endeavor to further the interests of the Owner and the Work;
b. provide an on-site, full-time superintendent for the duration of the Work;
c. visit the Work site and inspect the existing facilities, systems and conditions to insure an accurate understanding of the existing conditions as required;
d. at Owner's request, attend public meetings and hearings concerning the development of the Work;

e. review all drawings, specifications, and other plans as they are developed by the Owner and/or its architect and advise Owner of any error, inconsistency or omission discovered in the drawings, specifications, and other plans;
f. review the drawings, specifications, and other plans for compliance with all applicable laws and code requirements;
g. advise Owner of any tests that should be performed;
h. organize and maintain a competent, full-time staff at the Work site with clearly defined lines of authority and communication as necessary to coordinate construction activities, monitor and direct progress of the Work;
i. attend Owner's regularly scheduled Work progress meetings and fully advise the ODR of the Work status including schedule, costs, quality and changes;
j. assist Owner in obtaining building permits and obtain special permits for permanent improvements as required by law; and
k. shall coordinate, monitor and inspect the Work of subcontractors to ensure conformance with the drawings, specifications, other plans and with the terms of this Agreement.

6.6 Contractor shall identify every subcontractor it intends to use for the Work to the Owner in writing at least ten (10) days before entering into any subcontract. Contractor shall not use any subcontractor to which Owner has a reasonable objection. If Owner does not object to a particular subcontractor with said ten (10) days, such subcontract may be considered acceptable to Owner. Following Owner's acceptance of a subcontractor, that subcontractor shall not be changed without Owner's written consent, which shall not be unreasonably withheld.

6.7 Contractor's designated representative, which is set forth below Contractor's signature herein below, shall be responsible for the day-to-day management of the Work on behalf of Contractor. The designated representative shall be the Owner's primary contact during the Work and shall be available as required for the benefit of the Work and the Owner. The contractor's designated representative shall be authorized to act on behalf of and bind the Contractor in all matters related to the Work including, but not limited to, execution of Change Orders.

6.8 NO ALTERATIONS OR CHANGES SHALL BE MADE, HOWEVER, EXCEPT UPON THE WRITTEN ORDER OF THE OWNER, OR THE ODR.

6.9 Contractor shall promptly correct any defective Work at Contractor's sole expense, unless the Owner specifically agrees, in writing, to accept the Work.

6.10 Contractor shall maintain and deliver the close out documents that describe changes or deviations from the original drawings, specifications and plans that occurred during construction and that reflect the actual "As Built" conditions of the completed Work.

COMMISSIONING AND WARRANTY RESPONSIBILITIES

6.11 Contractor shall provide commissioning, starting and check-out services for the systems installed as a part of the Work prior to completion and acceptance. Operation manuals and instructions will be provided to the Owner, the systems will be demonstrated and training provided to Williamson County's operators upon completion and prior to acceptance.

6.12 Contractor hereby warrants that the materials and equipment provided for the Work will be of good quality and new unless otherwise required or permitted by the Owner; that the construction will be

free from faults and defects; and that the construction will conform with the requirements of the plans, specifications, drawings and the terms of this Agreement.

6.13 Contractor shall provide warranty services for the Work for a full **12 months** (30 months for Work involving mechanical services, if any) following Final Completion and final payment. Just before the warranty period expires, Contractor shall attend an on-site meeting with the Owner to ensure that all warranty issues have been identified and properly remedied.

ARTICLE 7 OWNER'S RESPONSIBILITIES

7.1 The Owner shall:

a. provide the general schedule for the Work provided Owner is of the opinion such schedule is necessary. The general schedule will set forth the Owner's plan for milestone dates and completion of the Work;
b. identify a person as its ODR who is authorized to act in the Owner's behalf with respect to the Work. The ODR shall examine the documents submitted by the Contractor and shall render decisions on behalf of the Owner to the extent allowed by Texas law;
c. at Owner's cost, will secure the services of surveyors, soils engineers, existing facility surveys, testing and balancing, environmental surveys or other special consultants to develop such additional information as may be necessary for the design or construction of the Work;
d. furnish required information and services and shall render approvals and decisions as expeditiously as is consistent with reasonable skill and care and the orderly progress of the Contractor's services and of the Work;
e. shall have the right to reject any defective Work. Should Contractor refuse or neglect to correct any such Work within a reasonable time after notice, Owner may have the Work corrected and recover all expenses incurred from Contractor on demand; and
f. Owner shall furnish to the Contractor a sufficient number of plans, drawings and specifications sets.

ARTICLE 8 INSURANCE AND INDEMNITY

8.1 Insurance. The Contractor shall carry insurance in the types and amounts indicated below for the duration of the Agreement, which shall include items owned by Owner in the care, custody and control of Contractor prior to and during construction. Contractor must also complete and file the declaration pages from the insurance policies with Owner whenever a previously identified policy period expires during the term of the Agreement, as proof of continuing coverage. Contractor shall update all expired policies prior to submission of any payment requests hereunder. Failure to update policies shall be reason for payment to be withheld until evidence for renewal is provided to the Owner.

8.1.1 The Contractor shall provide and maintain, until the Work covered in this Agreement is completed and accepted by the Owner, the minimum insurance coverage in the minimum amounts as described below. Coverage shall be written on an occurrence basis by companies authorized and admitted to do business in the State of Texas and rated A- or better by A.M. Best Company or otherwise acceptable to Owner.

Type of Coverage	Limits of Liability
a. Worker's Compensation	Statutory
b. Employer's Liability Bodily Injury by Accident	$500,000 Ea. Accident

Bodily Injury by Disease	$500,000 Ea. Employee
Bodily Injury by Disease	$500,000 Policy Limit

c. Comprehensive general liability including completed operations and contractual liability insurance for bodily injury, death, or property damages in the following amounts:

COVERAGE	PER PERSON	PER OCCURRENCE
Comprehensive General Liability (*including premises, completed operations and contractual*)	$ 1,000,000	$ 1,000,000
Aggregate policy limits:	$1,000,000	

d. Comprehensive automobile and auto liability insurance (covering owned, hired, leased and non-owned vehicles):

COVERAGE	PER PERSON	PER OCCURRENCE
Bodily injury (including death)	$1,000,000	$1,000,000
Property damage	$1,000,000	$1,000,000
Aggregate policy limits	No aggregate limit	

e. Builder's Risk Insurance (*all risks*)

An all risks policy shall be in the amount equal at all times to 100% of the Contract Sum. The policy shall include coverage for loss or damage caused by certified acts of terrorism as defined in the Terrorism Risk Insurance Act. The policy shall be issued in the name of the Contractor and shall name his Subcontractors as additional insureds. The Owner shall be named as a loss payee on the policy. The builders risk policy shall have endorsements as follow:

1. This insurance shall be specific as to coverage and not considered as contributing insurance with any permanent insurance maintained on the present premises. If off-site storage is permitted, coverage shall include transit and storage in an amount sufficient to protect property being transported or stored.

2. For renovation projects and or portions of work contained within an existing structure, the Owner waives subrogation for damage by fire to existing building structure(s), if the Builder's Risk Policy has been endorsed to include coverage for existing

building structure(s) in the amount described in the Special Conditions. However, Contractor shall not be required to obtain such an endorsement unless specifically required by the Special Conditions., in this Agreement. The aforementioned waiver of subrogation shall not be effective unless such endorsement is obtained.

f. Umbrella coverage in the amount of not less than $1,000,000.

8.1.2 The above insurance requirements are not intended to be compounded with the Contractor's standing insurance policies. If the Contractor already has in force insurance policies which provide the required coverage, there is no need to purchase duplicate coverage for this Work.

8.1.3 Policies must include the following clauses, as applicable.

a. "This insurance shall not be canceled, limited in scope or coverage, or non-renewed until after thirty (30) days prior written notice, or ten (10) days for non-payment of premium, has been given to Williamson County."
b. "It is agreed that the Contractor's insurance shall be deemed primary with respect to any insurance or self insurance carried by Williamson County for liability arising out of operations under the Agreement with Williamson County."
c. "Williamson County, it officials, directors, employees, representatives, and volunteers are added as additional insured as respects operations and activities of, or on behalf of the named insured performed under Agreement with the Owner." This is not applicable to the workers' compensation policy.
d. "The workers' compensation and employers' liability policy will provide a waiver of subrogation in favor of Williamson County."

8.1.4 Workers' Compensation Insurance Coverage:

In the event that Contractor employs any individual to perform any portion of the Work, Contractor shall comply with Texas Labor Code, §406.096, which requires workers' compensation insurance coverage for all employees providing services on a building or construction project for a governmental entity.

a. Definitions:
(1) Certificate of Coverage ("certificate") - A copy of a certificate of insurance, a certificate of authority to self-insure issued by the Texas Workers' Compensation Commission, or a coverage agreement (TWCC-81, TWCC-82, TWCC-83, or TWCC-84), showing statutory workers' compensation insurance coverage for the person's or entity's employees providing services on a project, for the Duration of the Work.
(2) Duration of the Work - includes the time from the beginning of the Work until the Work has been completed and accepted by the Owner.
(3) Coverage – Workers' compensation insurance meeting the statutory requirements of the Texas Labor Code, §401.011(44).
(4) Persons providing services relating to the Work ("subcontractor") - includes all persons or entities performing all or part of the services the Contractor has undertaken to perform the Work, regardless of whether that person contracted directly with the Contractor and regardless of whether that person has employees. This includes, without limitation, independent contractors, subcontractors, leasing companies, motor carriers, owner-operators, employees of any such entity, or employees of any entity which furnishes

persons to provide services in relation to the Work. "Services" include, without limitation, providing, hauling, or delivering equipment or materials, or providing labor, transportation, or other service related to a project. "Services" does not include activities unrelated to the Work, such as food/beverage vendors, office supply deliveries, and delivery of portable toilets.

b. The Contractor shall provide Coverage, based on proper reporting of classification codes and payroll amounts and filing of any Coverage agreements, which meets the statutory requirements of Texas labor Code, §401.011(44) for all employees of the Contractor providing services in relation to the Work, for the Duration of the Work.

c. The Contractor must provide a Certificate of Coverage to the Owner prior to or contemporaneously with the execution of this Agreement.

d. If the Coverage period shown on the Contractor's current Certificate of Coverage ends during the Duration of the Work, the Contractor must, prior to the end of the Coverage period, file a new Certificate of Coverage with the Owner showing that Coverage has been extended.

e. The Contractor shall obtain from each person providing services in relation to the Work, and provide to the Owner:

(1) a Certificate of Coverage, prior to that person beginning any of the Work, so the Owner will have on file Certificates of Coverage showing Coverage for all persons providing services in relation to the Work; and

(2) no later than seven days after receipt by the Contractor, a new Certificate of Coverage showing extension of Coverage, if the Coverage period shown on the current Certificate of Coverage ends during the Duration of the Work.

f. The Contractor shall retain all required Certificates of Coverage for the Duration of the Work and for one year thereafter.

g. The Contractor shall notify the Owner in writing by certified mail or personal delivery, within 10 days after the Contractor knew or should have known, of any change that materially affects the provision of Coverage of any person providing services in relation to the Work.

h. The Contractor shall post on the Work site a notice, in the text, form and manner prescribed by the Texas Workers' Compensation Commission, informing all persons providing services in relation to the Work that they are required to be covered, and stating how a person may verify Coverage and report lack of Coverage.

i. By signing this Agreement or providing or causing to be provided a Certificate of Coverage, the Contractor is representing to the Owner that all employees of the Contractor who will provide services in relation to the Work and all persons providing services in relation to the Work will be covered by workers' compensation coverage for the Duration of the Work, that the coverage will be based on proper reporting of classification codes and payroll amounts, and that all coverage agreements will be filed with the appropriate insurance carrier or, in the case of a self-insured, with the commission's Division of Self-Insurance Regulation. Providing false or misleading information may subject the Contractor to administrative penalties, criminal penalties, civil penalties, or other civil actions.

j. The Contractor's failure to comply with any of these provisions is a breach of Agreement by the Contractor which entitles the Owner to declare the Agreement void if the Contractor does not remedy the breach within ten (10) days after receipt of notice of breach from the Owner.

8.1.5 The furnishing of the above listed insurance coverage must be tendered prior to execution of the Agreement, and in no event later than ten (10) calendar days from Notice of Award. Failure to provide the insurance in a timely fashion may result in loss of Contractor's bid bond.

8.1.6 The Contractor shall not cause or allow any of its required insurance to be canceled, nor permit any insurance to lapse during the term of the Agreement or as required in the Agreement. If the Contractor fails to obtain, maintain or renew any insurance required by this Agreement, the Owner may, among other remedies available hereunder or at law, obtain insurance coverage directly and recover the cost of that insurance from the Contractor or declare this Agreement void if the Contractor does not remedy the breach within ten (10) days after receipt of notice of breach from the Owner.

8.1.7 The Owner reserves the right to review the insurance requirements set forth in this Article during the effective period of the Agreement and to make reasonable adjustments to the insurance coverage and their limits when deemed necessary and prudent by the Owner based upon changes in statutory law, court decisions, or the claims history of the industry as well as the Contractor.

8.1.8 The Owner shall be entitled, upon request, and without expense, to receive complete copies of the policies with all endorsements and may make any reasonable requests for deletion, or revision or modification of particular policy terms, conditions, limitations, or exclusions, except where policy provisions are established by law or regulation binding upon the Parties or the underwriter of any of such polices. Damages caused by the Contractor and not covered by insurance shall be paid by the Contractor.

8.1.9 Contractor shall be responsible for payment of premiums for all of the insurance coverages required under this Agreement. Contractor further agrees that for each claim, suit or action made against insurance provided hereunder, with respect to all matters for which the Contractor is responsible hereunder, Contractor shall be solely responsible for all deductibles and self-insured retentions. **Any deductibles or self-insured retentions over $50,000 in the Contractor's insurance must be declared and approved in writing by Owner in advance.**

8.1.10 The Contractor shall contractually require each person or entity with whom it contracts to provide services in relation to the Work, to comply with each and every insurance requirement that Contractor must comply with hereunder. More specifically, each person or entity with whom Contractor contracts to provide services on the in relation to the Work must comply with each insurance requirement under this Article 8 just as if such person or entity was the Contractor. Thus, every reference to Contractor under each insurance requirement of this Article 8 shall mean and include each person or entity with whom Contractor contracts to provide services in relation to the Work. If any such person or entity with whom Contractor contracts to provide services in relation to the Work fails to obtain, maintain or renew any insurance required by this Agreement, the Owner may, among other remedies available hereunder or at law, obtain insurance coverage directly and recover the cost of that insurance from the Contractor or declare this Agreement void if the Contractor does not remedy the breach within ten (10) days after receipt of notice of breach from the Owner.

8.2 INDEMNITY.

8.2.1 INDEMNIFICATION - EMPLOYEE PERSONAL INJURY CLAIMS. TO THE FULLEST EXTENT PERMITTED BY LAW, THE CONTRACTOR SHALL INDEMNIFY, DEFEND (WITH COUNSEL OF OWNER'S CHOOSING), AND HOLD HARMLESS OWNER, AND OWNER'S EMPLOYEES,

AGENTS, REPRESENTATIVES, PARTNERS, OFFICERS, AND DIRECTORS (COLLECTIVELY, THE "INDEMNITEES") AND SHALL ASSUME ENTIRE RESPONSIBILITY AND LIABILITY (OTHER THAN AS A RESULT OF INDEMNITEES' GROSS NEGLIGENCE) FOR ANY CLAIM OR ACTION BASED ON OR ARISING OUT OF THE PERSONAL INJURY, OR DEATH, OF ANY EMPLOYEE OF THE CONTRACTOR, OR OF ANY SUBCONTRACTOR, OR OF ANY OTHER ENTITY FOR WHOSE ACTS THEY MAY BE LIABLE, WHICH OCCURRED OR WAS ALLEGED TO HAVE OCCURRED ON THE WORK SITE OR IN CONNECTION WITH THE PERFORMANCE OF THE WORK. CONTRACTOR HEREBY INDEMNIFIES THE INDEMNITEES EVEN TO THE EXTENT THAT SUCH PERSONAL INJURY WAS CAUSED OR ALLEGED TO HAVE BEEN CAUSED BY THE SOLE, COMPARATIVE OR CONCURRENT NEGLIGENCE OF THE STRICT LIABILITY OF ANY INDEMNIFIED PARTY. THIS INDEMNIFICATION SHALL NOT BE LIMITED TO DAMAGES, COMPENSATION, OR BENEFITS PAYABLE UNDER INSURANCE POLICIES, WORKERS COMPENSATION ACTS, DISABILITY BENEFITS ACTS, OR OTHER EMPLOYEES BENEFIT ACTS.

8.2.2 INDEMNIFICATION - OTHER THAN EMPLOYEE PERSONAL INJURY CLAIMS. TO THE FULLEST EXTENT PERMITTED BY LAW, CONTRACTOR SHALL INDEMNIFY, DEFEND (WITH COUNSEL OF OWNER'S CHOOSING), AND HOLD HARMLESS OWNER, AND OWNER'S EMPLOYEES, AGENTS, REPRESENTATIVES, PARTNERS, OFFICERS, AND DIRECTORS (COLLECTIVELY, THE "INDEMNITEES") FROM AND AGAINST CLAIMS, DAMAGES, LOSSES AND EXPENSES, INCLUDING BUT NOT LIMITED TO ATTORNEYS' FEES, ARISING OUT OF OR ALLEGED TO BE RESULTING FROM THE PERFORMANCE OF THIS AGREEMENT OR THE WORK DESCRIBED HEREIN, TO THE EXTENT CAUSED BY THE NEGLIGENCE, ACTS, ERRORS, OR OMISSIONS OF CONTRACTOR OR ITS SUBCONTRACTORS, ANYONE EMPLOYED BY THEM OR ANYONE FOR WHOSE ACTS THEY MAY BE LIABLE, REGARDLESS OF WHETHER OR NOT SUCH CLAIM, DAMAGE, LOSS OR EXPENSE IS CAUSED IN WHOLE OR IN PART BY A PARTY INDEMNIFIED HEREUNDER.

8.3 Except for the obligation of Owner to pay Contractor the Contract Price pursuant to the terms of this Agreement, and to perform certain other obligations pursuant to the terms and conditions explicitly set forth herein, Owner shall have no liability to Contractor or to anyone claiming through or under Contractor by reason of the execution or performance of this Agreement. Notwithstanding any obligation or liability of Owner to Contractor, no present or future partner or affiliate of Owner or any agent, officer, director, or employee of Owner, Williamson County, or of the various departments comprising Williamson County, or anyone claiming under Owner has or shall have any personal liability to Contractor or to anyone claming through or under Contractor by reason of the execution or performance of this Agreement.

ARTICLE 9 BONDS

9.1 Performance Bond. Upon execution of this Agreement, Contractor shall provide a Performance Bond in the amount of 100% of the Contract Price. The surety for a Performance Bond shall meet the requirements of Texas law.

9.2 Payment Bond. Upon execution of this Agreement, Contractor shall provide a Payment Bond in the amount of 100% of the Contract Price, as security for the true and faithful payment in full of all subcontractors and persons performing labor, services, materials, machinery, and fixtures in connection with the Work. The surety for a Payment Bond shall meet the requirements of Texas law.

9.3 Warranty Bond. Upon execution of this Agreement, Contractor shall provide a Warranty Bond in the amount of 20% of the Contract Price, as security for the true and faithful performance of all warranties set forth in Bid Documents and this Agreement.

ARTICLE 10 TERMINATION

10.1 Termination for Cause. If either party commits an Event of Breach (a breach of any of the covenants, terms and/or conditions of this Agreement), the non-breaching party shall deliver written notice of such Event of Breach to the breaching party. Such notice must specify the nature of the Event of Breach and inform the breaching party that unless the Event of Breach is cured within three (3) business days of receipt of the notice, additional steps may be taken to terminate this Agreement. If the breaching party begins a good faith attempt to cure the Event of Breach within three (3) business days, then and in that instance, the three (3) business day period may be extended by the non-breaching party, so long as the breaching party continues to prosecute a cure diligently to completion and continues to make a good faith attempt to cure the Event of Breach. If, in the opinion of the non-breaching party, the breaching party does not cure the breach within three (3) business days or otherwise fails to make any diligent attempt to correct the Event of Breach, the breaching party shall be deemed to be in breach and the non-breaching party may, in addition to seeking the remedies available hereunder and under the law, terminate this Agreement.

10.2 Termination for Convenience. The Owner may terminate this Agreement for convenience and without cause or further liability upon thirty (30) days written notice to Contractor. In the event of such termination, it is understood and agreed that only the amounts due to Contractor for goods, commodities and/or services provided and expenses incurred to and including the date of termination, will be due and payable. No penalty will be assessed for Owner's termination of this Agreement for convenience.

ARTICLE 11 MISCELLANEOUS PROVISIONS

11.1 Interest and Late Payments. Except as otherwise specifically set forth herein, Owner's payment for goods and services shall be governed by Chapter 2251 of the Texas Government Code. Interest charges for any overdue payments shall be paid by Owner in accordance with Texas Government Code Section 2251.025. More specifically, the rate of interest that shall accrue on a late payment is the rate in effect on September 1 of Owner's fiscal year in which the payment becomes due. The said rate in effect on September 1 shall be equal to the sum of one percent (1%); and (2) the prime rate published in the Wall Street Journal on the first day of July of the preceding fiscal year that does not fall on a Saturday or Sunday.

In the event that an error appears in an invoice/application for payment submitted by Contractor, Owner shall notify Contractor of the error not later than the twenty first (21st) day after the date Owner receives the invoice/application for payment. If the error is resolved in favor of Contractor, Contractor shall be entitled to receive interest on the unpaid balance of the invoice/application for payment submitted by Contractor beginning on the date that the payment for the invoice/application for payment became overdue. If the error is resolved in favor of the Owner, Contractor shall submit a corrected invoice/application for payment that must be paid in accordance within the time set forth above. The unpaid balance accrues interest as provided by Chapter 2251 of the Texas Government Code if the corrected invoice/application for payment is not paid by the appropriate date.

11.2 Assignment; Successors and Assigns. This Agreement is a personal service contract for the services of Contractor, and Contractor's interest in this Agreement, duties hereunder and/or fees due hereunder may not be assigned or delegated to a third party. This Agreement shall be binding upon and inure to the benefit of parties hereto and their respective successors and assigns.

11.3 Captions. The captions of paragraphs in this Agreement are for convenience only and shall not be considered or referred to in resolving questions of interpretation or construction.

11.4 Governing Law and Venue. This Agreement and all of the rights and obligations of the parties and all of the terms and conditions shall be construed, interpreted and applied in accordance with and governed by and enforced under the laws of the State of Texas without reference to its conflicts of law provisions. Williamson County where the Work site is located shall be the sole place of venue for any legal action arising from or related to this Agreement or the project in which the Owner is a party.

11.5 Waivers. No delay or omission by either party in exercising any right or power arising from non-compliance or failure of performance by the other party with any of the provisions of this Agreement shall impair or constitute a waiver of any such right or power. A waiver by either party of any covenant or condition of this Agreement shall not be construed as a waiver of any subsequent breach of that or of any other covenant or condition of the Agreement.

11.6 Interpretation. In the event of any dispute over the meaning or application of any provision of the Contract Documents, the Contract Documents shall be interpreted fairly and reasonably, and neither more strongly for or against any party, regardless of the actual drafter of the Contract Documents.

11.7 Binding Effect. This Agreement shall be binding upon and inure to the benefit of the parties and their respective permitted assigns and successors.

11.8 Appointment. Owner hereby expressly reserves the right from time to time to designate by notice to Contractor a representative(s) to act partially or wholly for Owner in connection with the performance of Owner's obligations. Contractor shall act only upon instructions from the designated representative(s) unless otherwise specifically notified to the contrary.

11.9 Audits. Contractor agrees that Owner or its duly authorized representatives shall, until the expiration of three (3) years after final payment under this Agreement, have access to and the right to examine and photocopy any and all books, documents, papers and records of Contractor which are directly pertinent to the services to be performed under this Agreement for the purposes of making audits, examinations, excerpts, and transcriptions. Contractor agrees that Owner shall have access during normal working hours to all necessary Contractor facilities and shall be provided adequate and appropriate work space in order to conduct audits in compliance with the provisions of this section. Owner shall give Contractor reasonable advance notice of intended audits.

11.10 Severability. Should any term or provision of this Agreement be held invalid or unenforceable in any respect, the remaining terms and provisions shall not be affected and this Agreement shall be construed as if the invalid or unenforceable term or provision had never been included.

11.11 No Waiver of Immunities. Nothing in this Agreement shall be deemed to waive, modify or amend any legal defense available at law or in equity to Owner, its past or present officers, employees, or agents, nor to create any legal rights or claim on behalf of any third party. Owner does not waive, modify, or alter to any extent whatsoever the availability of the defense of governmental immunity under the laws of the State of Texas and of the United States.

11.12 Current Revenues. Under Texas law, a contract with a governmental entity that contains a claim against future revenues is void; therefore, each party paying for the performance of governmental functions or services must make those payments from current revenues available to the paying party.

11.13 Compliance with Laws. Contractor shall comply with all federal, state, and local laws, statutes, ordinances, rules and regulations, and the orders and decrees of any courts or administrative bodies or tribunals in any matter affecting the performance of this Agreement, including, without limitation, Worker's Compensation laws, minimum and maximum salary and wage statutes and regulations, licensing laws and regulations. When required, Contractor shall furnish the County with certification of compliance with said laws, statutes, ordinances, rules, regulations, orders, and decrees above specified.

11.14 Sales and Use Tax Exemption. Owner is a body corporate and politic under the laws of the State of Texas and claims exemption from sales and use taxes under Texas Tax Code Ann. § 151.309, as amended.

11.15 Texas Public Information Act. To the extent, if any, that any provision in this Agreement is in conflict with Tex. Gov't Code 552.001 *et seq.*, as amended (the "Public Information Act"), the same shall be of no force or effect. Furthermore, it is expressly understood and agreed that Owner, its officers and employees may request advice, decisions and opinions of the Attorney General of the State of Texas in regard to the application of the Public Information Act to any information or data furnished to Owner whether or not the same are available to the public. It is further understood that Owner, its officers and employees shall have the right to rely on the advice, decisions and opinions of the Attorney General, and that Owner, its officers and employees shall have no liability or obligation to Contractor for the disclosure to the public, or to any person or persons, of any software or a part thereof, or other items or data furnished to Owner by Contractor in reliance of any advice, decision or opinion of the Attorney General of the State of Texas.

11.16 Force Majeure. If the party obligated to perform is prevented from performance by an act of war, order of legal authority, act of God, or other unavoidable cause not attributable to the fault or negligence of said party, the other party shall grant such party relief from the performance of this Agreement. The burden of proof for the need of such relief shall rest upon the party obligated to perform. To obtain release based on force majeure, the party obligated to perform shall file a written request with the other party.

11.17 Equal Opportunity in Employment. The parties to this Agreement agree that during the performance of the services under this Agreement they will not discriminate against any employee or applicant for employment because of race, color, religion, sex, or national origin. The parties to this Agreement will take affirmative action to ensure that applicants are employed, and that employees are treated during employment, without regard to their race, color, religion, sex or national origin. Such action shall include, but not be limited to the following: employment, upgrading, demotion, or transfer; termination; rates of pay or other forms of compensation, and selection for training, including apprenticeship.

11.18 Reports of Accidents. Within 24 hours after Contractor becomes aware of the occurrence of any accident or other event which results in, or might result in, injury to the person or property of any third person (other than an employee of the Contractor), whether or not it results from or involves any action or failure to act by the Contractor or any employee or agent of the Contractor and which arises in any manner from the performance of this Agreement, the Contractor shall send a written report of such accident or other event to the County, setting forth a full and concise statement of the facts pertaining thereto. The Contractor shall also immediately send the County a copy of any summons, subpoena, notice, or other documents served upon the Contractor, its agents, employees, or representatives, or

received by it or them, in connection with any matter before any court arising in any manner from the Contractor's performance of work under this Agreement.

11.19 Relationship of the Parties. Each party to this Agreement, in the performance of this Agreement, shall act in an individual capacity and not as agents, employees, partners, joint ventures or associates of one another. The employees or agents of one party shall not be deemed or construed to be the employees or agents of the other party for any purposes whatsoever.

11.20 Appropriation of Funds by Owner. Owner believes it has sufficient funds currently available and authorized for expenditure to finance the costs of this Agreement. Contractor understands and agrees that the Owner's payment of amounts under this Agreement is contingent on the Owner receiving appropriations or other expenditure authority sufficient to allow the Owner, in the exercise of reasonable administrative discretion, to continue to make payments under this Agreement.

11.21 Execution in Counterparts. This Agreement may be executed in counterparts, each of which, when executed and delivered, shall be deemed to be an original and all of which together shall constitute one and the same document.

11.22 Entire Agreement. This Agreement represents the entire and integrated agreement between the parties hereto and supersedes all prior negotiations, representations, or agreements, either oral or written. This Agreement may be amended only by written instrument signed by each party to this Agreement. NO OFFICIAL, EMPLOYEE, AGENT, OR REPRESENTATIVE OF THE OWNER HAS ANY AUTHORITY, EITHER EXPRESS OR IMPLIED, TO AMEND THIS AGREEMENT, EXCEPT PURSUANT TO SUCH EXPRESS AUTHORITY AS MAY BE GRANTED BY THE WILLIAMSON COUNTY COMMISSIONERS COURT.

BY SIGNING BELOW, the Parties have executed and bound themselves to this Agreement to be effective as of the date of the last party's execution hereof (Effective Date).

OWNER:	**CONTRACTOR:**
WILLIAMSON COUNTY, TEXAS, a political subdivision of the state of Texas	_____
By: _____	By: _____
Printed Name: _____	Printed Name: _____
Title: _____	Title: _____
Date: _____	Date: _____

Party Representatives

Owner's Designated Representative ("ODR"):	Contractor's Designated Representative:
J. Terron Evertson, PE Williamson County Engineer 3151 Southeast Inner Loop Suite B	_____ _____ _____ _____

Georgetown, Texas 78626
Phone: (512) 943-3330

Phone _____
Fax _____

BID AFFIDAVIT

This form must be completed, signed, notarized and returned with Bid package

The undersigned attests that the company named below, under the provisions of Subtitle F, Title 10, Texas Government Code Chapter 2270:

1. Does not boycott Israel currently; and
2. Will not boycott Israel during the term of the contract.

Pursuant to Section 2270.001, Texas Government Code:

1. "Boycott Israel" means refusing to deal with, terminating business activities with, or otherwise taking any action that is intended to penalize, inflict economic harm on, or limit commercial relations specifically with Israel, or with a person or entity doing business in Israel or in an Israeli-controlled territory, but does not include an action made for ordinary business purposes; and
2. "Company" means a for-profit sole proprietorship, organization, association, corporation, partnership, joint venture, limited partnership, or any limited liability company, including a wholly owned subsidiary, majority-owned subsidiary, parent company or affiliate of those entities or business associations that exist to make a profit.

The undersigned certifies that the IFB and the Bidder's Bid have been carefully reviewed and are submitted as correct and final. Bidder further certifies and agrees to furnish any and/or all goods and/or services upon which prices are extended at the price Bid, and upon the conditions contained in the IFB.

I hereby certify that the foregoing Bid has not been prepared in collusion with any other Bidder or other person or persons engaged in the same line of business prior to the official opening of this Bid. Further, I certify that the Bidder is not now, nor has been for the past six (6) months, directly or indirectly concerned in any pool or agreement or combination, to control the price of services/commodities Bid on, or to influence any person or persons to submit a Bid or not to submit a Bid thereon."

Name of Bidder:	
Address of Bidder:	
Email:	
Telephone:	
Printed Name of Person Submitting Affidavit:	
Signature of Person Submitting Affidavit:	

Cooperative Purchasing Program

Check one of the following options below. A non-affirmative Bid will in no way have a negative impact on the County's evaluation of the Bid.

☐	I will offer the quoted prices to all authorized entities during the term of the County's Contract.
☐	I will not offer the quoted prices to all authorized entities.

If no box is checked, the Bidder agrees to make best efforts in good faith to offer the quoted prices to all authorized entities.

BEFORE ME, the undersigned authority, a Notary Public, personally appeared _____ (*Name of Signer*), who after being by me duly sworn, did depose and say: "I, _____, (*Name of Signer*) am a duly authorized officer of/agent for _____ (*Name of Bidder*) and have been duly authorized to execute the foregoing on behalf of the said _____ (*Name of Bidder*).

SUBSCRIBED AND SWORN to before me by the above-named _____

on this the _____ day of _____, 20_____.

_____

Notary Public in and for

The State of _____

The County of _____

SIGNATURE AND NOTARY NOT REQUIRED IF COMPLETING IN BIDSYNC ELECTRONICALLY.

CONFLICT OF INTEREST QUESTIONNAIRE

For vendor or other person doing business with local governmental entity

Form CIQ

This questionnaire is being filed in accordance with chapter 176 of the Local Government Code by a person doing business with the governmental entity.

By law this questionnaire must be filed with the records administrator of the local government not later than the 7th business day after the date the person becomes aware of facts that require the statement to be filed. See Section 176.006, Local Government Code.

A person commits an offense if the person violates Section 176.006, Local Government Code. An offense under this section is a Class C misdemeanor.

OFFICE USE ONLY

Date Received

1 **Name of person doing business with local governmental entity.**

2 ☐ **Check this box if you are filing an update to a previously filed questionnaire.**

(The law requires that you file an updated completed questionnaire with the appropriate filing authority not later than September 1 of the year for which an activity described in Section 176.006(a), Local Government Code, is pending and not later than the 7th business day after the date the originally filed questionnaire becomes incomplete or inaccurate.)

3 **Describe each affiliation or business relationship with an employee or contractor of the local governmental entity who makes recommendations to a local government officer of the local governmental entity with respect to expenditure of money.**

4 **Describe each affiliation or business relationship with a person who is a local government officer and who appoints or employs a local government officer of the local governmental entity that is the subject of this questionnaire.**

CONFLICT OF INTEREST QUESTIONNAIRE

For vendor or other person doing business with local governmental entity

Form CIQ
Page 2

5 **Name of local government officer with whom filer has affiliation or business relationship.**
(Complete this section only if the answer to A, B, or C is YES.)

This section, item 5 including subparts A, B, C & D, must be completed for each officer with whom the filer has affiliation or other relationship. Attach additional pages to this Form CIQ as necessary.

A. Is the local government officer named in this section receiving or likely to receive taxable income from the filer of the questionnaire?

☐ Yes ☐ No

B. Is the filer of the questionnaire receiving or likely to receive taxable income from or at the direction of the local government officer named in this section AND the taxable income is not from the local governmental entity?

☐ Yes ☐ No

C. Is the filer of this questionnaire affiliated with a corporation or other business entity that the local government officer serves as an officer or director, or holds an ownership of 10 percent or more?

☐ Yes ☐ No

D. Describe each affiliation or business relationship.

6. Describe any other affiliation or business relationship that might cause conflict of interest:

7

Signature of person doing business with the governmental entity	Date

Signature not required if completing in BIDSYNC electronically.

Bidder References

List the last (3) companies or governmental agencies, where the same or similar goods and/or services as contained in this IFB package, were recently provided by Bidder.

Reference 1

Client Name: Location:

Contact Name: Title:

Phone: E-mail

Contract Date To: Contract Date From: Contract Value: $

Scope of Work:

Reference 2

Client Name: Location:

Contact Name: Title:

Phone: E-mail

Contract Date To: Contract Date From: Contract Value: $

Scope of Work:

Reference 3

Client Name: Location:

Contact Name: Title:

Phone: E-mail

Contract Date To: Contract Date From: Contract Value: $

Scope of Work:

Question and Answers for Bid #1806-235 - Repairing, Milling & Overlay - Ronald Reagan Blvd from SH 195 to IH 35

Overall Bid Questions
There are no questions associated with this bid.

Commissioners Court - Regular Session **44.**

Meeting Date: 06/19/2018

Awarding IFB # 1804-226 Commercial Fans for Williamson County Expo Center

Submitted For: Randy Barker **Submitted By:** Thomas Skiles, Purchasing

Department: Purchasing

Agenda Category: Regular Agenda Items

Information

Agenda Item

Discuss, consider, and take appropriate action on awarding IFB # 1804-226 Commercial Fans for the Williamson County Exposition Center to the only responsive bidder Kiser Arena Specialists and authorizing execution of the Services Contract.

Background

Purchasing solicited bids for Commercial Fans for the Expo Center. Eighteen (18) vendors viewed the IFB and one (1) vendor responded. After reviewing the bid submitted, the Expo Center determined that Kiser Arena Specialists were responsive and are recommending award to Kiser in the amount of $33,615.66. Funding source 01.0100.0510.005300.

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

Bid Tab

Agreement

Recommendation Letter

Form Review

Inbox	Reviewed By	Date
Purchasing (Originator)	Randy Barker	06/14/2018 11:22 AM
County Judge Exec Asst.	Wendy Coco	06/14/2018 11:26 AM
Form Started By: Thomas Skiles		Started On: 06/13/2018 07:59 AM
Final Approval Date: 06/14/2018		

Bid Tabulation Packet
for
Solicitation 1804-226

Commercial Fans for Williamson County Expo Center

Bid Designation: Public

Williamson County, Texas

Bid #1804-226 - Commercial Fans for Williamson County Expo Center

Creation Date	**Apr 26, 2018**	End Date	**May 30, 2018 3:00:00 PM CDT**
Start Date	**May 8, 2018 1:38:37 PM CDT**	Awarded Date	**Not Yet Awarded**

1804-226--01-01 Please Attach All Documents To This Line

Supplier	Unit Price	Qty/Unit	Total Price	Attch.	Docs
Kiser Arena Specialists	First Offer -	1 / each		Y	Y

Product Code:
Agency Notes:

Supplier Product Code:
Supplier Notes:

Supplier Totals

f Kiser Arena Specialists $0.00

Bid Contact **Courtney Stevens**
cstevens@kiserarenaspecialists.com
Ph 940-665-8058

Address **GAINESVILLE, TX 76240**

Agency Notes:

Supplier Notes:

Head Attch:

**

Kiser Arena Specialists

Bid Contact **Courtney Stevens**
cstevens@kiserarenaspecialists.com
Ph 940-665-8058

Address **GAINESVILLE, TX 76240**

Item #	Line Item	**Notes**	Unit Price	Qty/Unit	Attch.	Docs
1804-226--01-01	Please Attach All Documents To This Line	**Supplier Product Code:**	**First Offer -**	1 / each	**Y**	**Y**
				Supplier Total	$0.00	

Kiser Arena Specialists

Item: **Please Attach All Documents To This Line**

Attachments

Final_MacroAir Quote_ArenExpo_w_install 5-25-18 AirVolution.pdf

AIRVOLUTION_Warranty.pdf

Wilco Bid Form.pdf

05/25/2018

Quote #19222

PREPARED FOR

Eastern Williamson County Events Center

For: Arena & Covered Expo Fans
Clint Chitsey
5350 Bill Picket Trail
Taylor, TX 76574
512-352-4117
clint.chitsey@wilco.org

PREPARED BY

Courtney Stevens
Kiser Arena Specialists
243 County Road 281
Gainesville, TX 76240
(940) 665-8058
cstevens@kiserarenaspecialists.com

Thank you for choosing MacroAir Fans through North American Equine Distributor Kiser Arena Specialists!

Item Summary

Item Name	Quantity	Price/Unit	Total Price
AirVolution			
[#4203-MA] 480V Three Phase Power Unit, 50/60 Hz	2	$0.00	$0.00
[#AV24] 24 FT AirVolution Fan Blades	2	$3,699.00	$7,398.00
[#60-90006-00] AirVolution Universal Mount: I-beam Hardware Kit	2	$0.00	$0.00
[#30-90308-00] Digital Remote Assembly	2	$0.00	$0.00
[#50-802in-02] 02 ft - 02 ft 11 in / 0.61 m - 0.89 m Extension	2	$325.00	$650.00
AirVolution			
[#4203-MA] 480V Three Phase Power Unit, 50/60 Hz	3	$0.00	$0.00
[#AV18] 18 FT AirVolution Fan Blades	3	$3,699.00	$11,097.00
[#60-90006-00] AirVolution Universal Mount: I-beam Hardware Kit	3	$0.00	$0.00

[#30-90308-00] Digital Remote Assembly	3	$0.00	$0.00

Additional Options

Arena Fan #7 CAT5 - 280\'	1	$280.00	$280.00
Arena Fan #8 CAT5 - 200\'	1	$200.00	$200.00
Expo Fan #1 - 170\'	1	$170.00	$170.00
Expo Fan #2 - 110\'	1	$110.00	$110.00
Expo Fan #3 - 140\'	1	$140.00	$140.00
Extra Wide Beam Plate Assembly	2	$190.00	$380.00

Items Subtotal	**$20,425.00**
Estimated Freight	$680.66
Total Cost	**$21,105.66**
Tax (0%)	$0.00
Installation	$12,510.00
Grand Total Cost	**$33,615.66**

Installation

Installation includes: Turn key-including mechanical installation of fans and controllers. Electrical-pulling
wires though existing conduit, including wiring and emt work in electrical room.

Standard Exclusions: (Unless otherwise specified on this quote)Double Wall or Single Wall Square or rectangular ductwork, Motor Starters, Variable Frequency Drives, Thermostats, Controls, Smoke Detectors.

Financing

Financing options may be available.

Expiration

This quote will expire in 30 days.

WARRANTY INFORMATION

AIRVOLUTION

MacroAir 12-Year Service Life Prorated Limited Warranty

Warrantor: The warrantor for the limited warranties set forth herein is MacroAir Technologies Inc. ("MacroAir").

Limited Warranty: This prorated limited warranty (this "Warranty") applies only to the original End-User (the "End-User") of any MacroAir Technologies' Six or Three Blade Fan(s) (individually and collectively, the "Product") and cannot be transferred. This Warranty applies even in the event that the Product is initially sold by MacroAir for resale to an End-User.

What This Warranty Covers: In addition to the Lifetime Warranty on blades, hub, and frame; and the 3-Year Non-prorated Warranty, MacroAir warrants that the Product will have a "service life" (defined below) of Twelve Years from the date of purchase (the "Twelve-Year Service Life") when used in accordance with the operation and maintenance procedures prescribed in the MacroAir Installation and Owners Manuals. If MacroAir finds, in its sole discretion, that any Product has not provided the Twelve-Year Service Life, MacroAir will, as its sole obligation and the End-User's sole remedy for MacroAir's breach of this warranty, repair or replace the Product, at its option, F.O.B. MacroAir's factory, for a charge, payable by the End-User to MacroAir prorated on the following basis:

The End-User will be allowed a credit against the MacroAir's list price of equivalent equipment at the time of return of the Product to MacroAir, in proportion to the percentage of Twelve-Year Service Life remaining at the time of return of the Product to MacroAir. The End-User will assume responsibility to pay the balance of the list price; and MacroAir reserves the right to require payment prior to delivery of the repaired or replacement equipment.

For the avoidance of doubt, MacroAir's responsibilities under this Warranty are as follows:

Lifetime - Product repaired or replaced - Applies to Blades, Hub, and Frame, as described therein
3-Year Limited Non-Prorated Warranty – Product repaired or replaced - Applies to all Product components, as described therein
Year 4-12 - Unit Credit ($) = Current List Price X $\frac{\text{Years of Unexpired Service Life}}{\text{12 Years of Warranted Service Life}}$

Service Life: A MacroAir fan's service life is its expected lifetime, or the acceptable period of use in service. It is the time that a MacroAir fan can reasonably be expected to be 'serviceable' or supported by MacroAir.

What This Limited Warranty Does Not Cover: This Warranty does not cover any defects or damages caused by: (a) failure to properly store the Product before installation; (b) shipping and delivery of the Product if shipping is FOB Factory; (c) neglect, accident, abuse, misuse, misapplication, or incorrect installation; (d) repair or alteration not authorized in writing by MacroAir personnel or performed by an authorized MacroAir Customer Service Engineer or Agent; (e) improper testing, operation, maintenance, adjustment, or modification of any kind not authorized in writing by MacroAir personnel or performed by an authorized MacroAir Customer Service Engineer or Agent; or (f) use of the Product under other than normal operating conditions or in a manner inconsistent with the Product's labels or instructions.

This Warranty is not valid: (a) unless the End-User returns to MacroAir the Warranty Registration Card or registers online within thirty (30) days of purchase; or (b) if the Product's serial numbers have been removed or are illegible. Any Warranted Items repaired or replaced pursuant to this Warranty will be warranted for the remaining portion of the original Warranty subject to all the terms thereof. MacroAir shall not be responsible for any charges for testing, checking, removal or installation of Warranted Items not authorized in writing by MacroAir personnel or performed by an authorized MacroAir Customer Service Engineer or Agent.

Any Warranted Items repaired or replaced pursuant to this Warranty will be warranted for the remaining portion of the original Warranty subject to all the terms thereof. MacroAir shall not be responsible for any charges for testing, checking, removal or installation of Warranted Items not authorized in writing by MacroAir personnel or performed by an authorized MacroAir Customer Service Engineer or Agent.

Limitation Of Liability: The remedies of the End-User set forth herein are exclusive and are the sole remedies for any failure of MacroAir to comply with its obligations hereunder. In no event shall MacroAir be liable in contract, in tort (including negligence or strict liability) or otherwise for damage to property or equipment other than the Products, including loss of profits or revenue, loss of use of Products, cost of capital, claims of customers of the End-User or any special, indirect, incidental or consequential damages whatsoever. The total cumulative liability of MacroAir hereunder whether the claims are based in contract (including indemnity), in tort (including negligence or strict liability) or otherwise, shall not exceed the price of the Product on which such liability is based. MacroAir shall not be responsible for failure to provide service or parts due to causes beyond MacroAir's reasonable control.

End-User's Obligations: In order to receive the benefits of this Warranty, the End-User must use the Product in a normal way; follow the Product's Installation and Owners Manuals; and protect against further damage to the Product if there is a covered defect.

Other Limitations: MacroAir's obligations under this Warranty are expressly conditioned upon receipt by MacroAir of all payments due to it (including interest charges, if any). During such time as MacroAir has not received payment of any amount due to it for the Product, in accordance with the contract terms under which the Product is sold, MacroAir shall have no obligation under this Warranty. Also during such time, the period of this Warranty shall continue to run and the expiration of this Warranty shall not be extended upon payment of any overdue or unpaid amounts.

Costs Not Related To Warranty: The End-User shall be invoiced for, and shall pay for, all services not expressly provided for by the terms of this Warranty, including without limitation, site calls involving an inspection that determines no corrective maintenance is required. Any costs for replacement equipment, installation, materials, freight charges, travel expenses or labor of MacroAir representatives outside the terms of this Warranty will be borne by the End-User.

Obtaining Warranty Service: Call MacroAir Technologies Inc., Customer Service Department at 909.890.2270. MacroAir will not accept any product for return, credit or exchange unless expressly authorized by MacroAir in writing and delivered FOB MacroAir factory with proper Return Authorization Number attached to the product.

WARRANTY INFORMATION

AIRVOLUTION

MacroAir 12-Year Service Life Prorated Limited Warranty

Warrantor: The warrantor for the limited warranties set forth herein is MacroAir Technologies Inc. ("MacroAir").

Limited Warranty: This prorated limited warranty (this "Warranty") applies only to the original End-User (the "End-User") of any MacroAir Technologies' Six or Three Blade Fan(s) (individually and collectively, the "Product") and cannot be transferred. This Warranty applies even in the event that the Product is initially sold by MacroAir for resale to an End-User.

What This Warranty Covers: In addition to the Lifetime Warranty on blades, hub, and frame; and the 3-Year Non-prorated Warranty, MacroAir warrants that the Product will have a "service life" (defined below) of Twelve Years from the date of purchase (the "Twelve-Year Service Life") when used in accordance with the operation and maintenance procedures prescribed in the MacroAir Installation and Owners Manuals. If MacroAir finds, in its sole discretion, that any Product has not provided the Twelve-Year Service Life, MacroAir will, as its sole obligation and the End-User's sole remedy for MacroAir's breach of this warranty, repair or replace the Product, at its option, F.O.B. MacroAir's factory, for a charge, payable by the End-User to MacroAir prorated on the following basis:

The End-User will be allowed a credit against the MacroAir's list price of equivalent equipment at the time of return of the Product to MacroAir, in proportion to the percentage of Twelve-Year Service Life remaining at the time of return of the Product to MacroAir. The End-User will assume responsibility to pay the balance of the list price; and MacroAir reserves the right to require payment prior to delivery of the repaired or replacement equipment.

For the avoidance of doubt, MacroAir's responsibilities under this Warranty are as follows:

Lifetime - Product repaired or replaced - Applies to Blades, Hub, and Frame, as described therein
3-Year Limited Non-Prorated Warranty – Product repaired or replaced - Applies to all Product components, as described therein
Year 4-12 - Unit Credit ($) = Current List Price X $\frac{\text{Years of Unexpired Service Life}}{\text{12 Years of Warranted Service Life}}$

Service Life: A MacroAir fan's service life is its expected lifetime, or the acceptable period of use in service. It is the time that a MacroAir fan can reasonably be expected to be 'serviceable' or supported by MacroAir.

What This Limited Warranty Does Not Cover: This Warranty does not cover any defects or damages caused by: (a) failure to properly store the Product before installation; (b) shipping and delivery of the Product if shipping is FOB Factory; (c) neglect, accident, abuse, misuse, misapplication, or incorrect installation; (d) repair or alteration not authorized in writing by MacroAir personnel or performed by an authorized MacroAir Customer Service Engineer or Agent; (e) improper testing, operation, maintenance, adjustment, or modification of any kind not authorized in writing by MacroAir personnel or performed by an authorized MacroAir Customer Service Engineer or Agent; or (f) use of the Product under other than normal operating conditions or in a manner inconsistent with the Product's labels or instructions.

This Warranty is not valid: (a) unless the End-User returns to MacroAir the Warranty Registration Card or registers online within thirty (30) days of purchase; or (b) if the Product's serial numbers have been removed or are illegible. Any Warranted Items repaired or replaced pursuant to this Warranty will be warranted for the remaining portion of the original Warranty subject to all the terms thereof. MacroAir shall not be responsible for any charges for testing, checking, removal or installation of Warranted Items not authorized in writing by MacroAir personnel or performed by an authorized MacroAir Customer Service Engineer or Agent.

Any Warranted Items repaired or replaced pursuant to this Warranty will be warranted for the remaining portion of the original Warranty subject to all the terms thereof. MacroAir shall not be responsible for any charges for testing, checking, removal or installation of Warranted Items not authorized in writing by MacroAir personnel or performed by an authorized MacroAir Customer Service Engineer or Agent.

Limitation Of Liability: The remedies of the End-User set forth herein are exclusive and are the sole remedies for any failure of MacroAir to comply with its obligations hereunder. In no event shall MacroAir be liable in contract, in tort (including negligence or strict liability) or otherwise for damage to property or equipment other than the Products, including loss of profits or revenue, loss of use of Products, cost of capital, claims of customers of the End-User or any special, indirect, incidental or consequential damages whatsoever. The total cumulative liability of MacroAir hereunder whether the claims are based in contract (including indemnity), in tort (including negligence or strict liability) or otherwise, shall not exceed the price of the Product on which such liability is based. MacroAir shall not be responsible for failure to provide service or parts due to causes beyond MacroAir's reasonable control.

End-User's Obligations: In order to receive the benefits of this Warranty, the End-User must use the Product in a normal way; follow the Product's Installation and Owners Manuals; and protect against further damage to the Product if there is a covered defect.

Other Limitations: MacroAir's obligations under this Warranty are expressly conditioned upon receipt by MacroAir of all payments due to it (including interest charges, if any). During such time as MacroAir has not received payment of any amount due to it for the Product, in accordance with the contract terms under which the Product is sold, MacroAir shall have no obligation under this Warranty. Also during such time, the period of this Warranty shall continue to run and the expiration of this Warranty shall not be extended upon payment of any overdue or unpaid amounts.

Costs Not Related To Warranty: The End-User shall be invoiced for, and shall pay for, all services not expressly provided for by the terms of this Warranty, including without limitation, site calls involving an inspection that determines no corrective maintenance is required. Any costs for replacement equipment, installation, materials, freight charges, travel expenses or labor of MacroAir representatives outside the terms of this Warranty will be borne by the End-User.

Obtaining Warranty Service: Call MacroAir Technologies Inc., Customer Service Department at 909.890.2270. MacroAir will not accept any product for return, credit or exchange unless expressly authorized by MacroAir in writing and delivered FOB MacroAir factory with proper Return Authorization Number attached to the product.

Bid Form

Commercial Fans for Williamson County Expo Center

Williamson County is seeking suppliers to provide commercial fans for the outdoor arena and expo areas of the Williamson County Expo Center. The Expo Center currently has six (6) installed MacroAir AirVolution-D780 fans in operation. Installation of fans shall be turn key including mechanical installation of fans and controllers, electrical-pulling wires through existing conduit, including wiring and emt work in electrical room. Initial purchase will be for an additional five (5) fans (2-24' Fans & 3-18' Fans).

MacroAir AirVolution-D 780 (or equivalent) turn key price per fan:

24' Fan $ 4,024

18' Fan $ 3,699

Estimated Freight for five (5) fans:

$ 680.66

Installation Cost for five (5) fans:

$ 12,510.00

Installation Includes:

Mechanical installation of fans and controllers. Electrical - pulling wires through existing conduit, including wiring and emt in electrical room.

Installation Excludes:

Double Wall or Single Wall square or rectangular ductwork, motor starters, variable frequency drives, thermostats, controls, smoke detectors

Warranty Information:

MacroAir 12-year Service Life Prorated Limited Warranty. See attached warranty information

Supplier: **Kiser Arena Specialists**

BID AFFIDAVIT

This form must be completed, signed, notarized and returned with Bid package

The undersigned attests that the company named below, under the provisions of Subtitle F, Title 10, Texas Government Code Chapter 2270:

1. Does not boycott Israel currently; and
2. Will not boycott Israel during the term of the contract.

Pursuant to Section 2270.001, Texas Government Code:

1. "Boycott Israel" means refusing to deal with, terminating business activities with, or otherwise taking any action that is intended to penalize, inflict economic harm on, or limit commercial relations specifically with Israel, or with a person or entity doing business in Israel or in an Israeli-controlled territory, but does not include an action made for ordinary business purposes; and
2. "Company" means a for-profit sole proprietorship, organization, association, corporation, partnership, joint venture, limited partnership, or any limited liability company, including a wholly owned subsidiary, majority-owned subsidiary, parent company or affiliate of those entities or business associations that exist to make a profit.

The undersigned certifies that the IFB and the Bidder's Bid have been carefully reviewed and are submitted as correct and final. Bidder further certifies and agrees to furnish any and/or all goods and/or services upon which prices are extended at the price Bid, and upon the conditions contained in the IFB.

I hereby certify that the foregoing Bid has not been prepared in collusion with any other Bidder or other person or persons engaged in the same line of business prior to the official opening of this Bid. Further, I certify that the Bidder is not now, nor has been for the past six (6) months, directly or indirectly concerned in any pool or agreement or combination, to control the price of services/commodities Bid on, or to influence any person or persons to submit a Bid or not to submit a Bid thereon."

Name of Bidder:	**Kiser Arena Specialists**
Address of Bidder:	**243 CR 281**
Email:	**cstevens@kiserarenaspecialists.com**
Telephone:	**940-665-8058**
Printed Name of Person Submitting Affidavit:	**Courtney Stevens**
Signature of Person Submitting Affidavit:	**Courtney Stevens**

Cooperative Purchasing Program

Check one of the following options below. A non-affirmative Bid will in no way have a negative impact on the County's evaluation of the Bid.

☐	I will offer the quoted prices to all authorized entities during the term of the County's Contract.
☐	I will not offer the quoted prices to all authorized entities.

If no box is checked, the Bidder agrees to make best efforts in good faith to offer the quoted prices to all authorized entities.

BEFORE ME, the undersigned authority, a Notary Public, personally appeared (*Name of Signer*), who after being by me duly sworn, did depose and say: "I, , (*Name of Signer*) am a duly authorized officer of/agent for (*Name of Bidder*) and have been duly authorized to execute the foregoing on behalf of the said (*Name of Bidder*).

SUBSCRIBED AND SWORN to before me by the above-named
on this the day of , 20.

Notary Public in and for

The State of

The County of

SIGNATURE AND NOTARY NOT REQUIRED IF COMPLETING IN BIDSYNC ELECTRONICALLY.

Supplier: **Kiser Arena Specialists**

CONFLICT OF INTEREST QUESTIONNAIRE

For vendor or other person doing business with local governmental entity

Form CIQ

This questionnaire is being filed in accordance with chapter 176 of the Local Government Code by a person doing business with the governmental entity.

By law this questionnaire must be filed with the records administrator of the local government not later than the 7th business day after the date the person becomes aware of facts that require the statement to be filed. See Section 176.006, Local Government Code.

A person commits an offense if the person violates Section 176.006, Local Government Code. An offense under this section is a Class C misdemeanor.

OFFICE USE ONLY

Date Received

1	**Name of person doing business with local governmental entity.** **Kiser Arena Specialists**	
2	☐	**Check this box if you are filing an update to a previously filed questionnaire.** (The law requires that you file an updated completed questionnaire with the appropriate filing authority not later than September 1 of the year for which an activity described in Section 176.006(a), Local Government Code, is pending and not later than the 7th business day after the date the originally filed questionnaire becomes incomplete or inaccurate.)
3	**Describe each affiliation or business relationship with an employee or contractor of the local governmental entity who makes recommendations to a local government officer of the local governmental entity with respect to expenditure of money.** **Work with Clint Chitsey to develop the equine arena footing at Williamson County Expo Center. Previously supplied 6 MacroAir Fans for the WILCO indoor arena.**	
4	**Describe each affiliation or business relationship with a person who is a local government officer and who appoints or employs a local government officer of the local governmental entity that is the subject of this questionnaire.** **None**	

CONFLICT OF INTEREST QUESTIONNAIRE
For vendor or other person doing business with local governmental
Form CIQ

	entity	**Page 2**
5	**Name of local government officer with whom filer has affiliation or business relationship.** **(Complete this section only if the answer to A, B, or C is YES.)** This section, item 5 including subparts A, B, C & D, must be completed for each officer with whom the filer has affiliation or other relationship. Attach additional pages to this Form CIQ as necessary. A. Is the local government officer named in this section receiving or likely to receive taxable income from the filer of the questionnaire? ☐ Yes ☑ No B. Is the filer of the questionnaire receiving or likely to receive taxable income from or at the direction of the local government officer named in this section AND the taxable income is not from the local governmental entity? ☐ Yes ☑ No C. Is the filer of this questionnaire affiliated with a corporation or other business entity that the local government officer serves as an officer or director, or holds an ownership of 10 percent or more? ☐ Yes ☑ No D. Describe each affiliation or business relationship. **Product and service supplier** **6. Describe any other affiliation or business relationship that might cause conflict of interest:**
7	**Courtney Stevens/Kiser Arena Specialists**	**05/30/2018**
	Signature of person doing business with the governmental entity	Date
	Signature not required if completing in BIDSYNC electronically.	

Supplier: **Kiser Arena Specialists**

Bidder References

List the last (3) companies or governmental agencies, where the same or similar goods and/or services as contained in this IFB package, were recently provided by Bidder.

Reference 1

Client Name: Location:
Kansas Expo Centre Tokepa, KS

Contact Name: Title:
Justin Gregory Facility Manager

Phone: E-mail
785-250-8412 Justin_gregory@comcastspectator.com

Contract Date To: Contract Date From: Contract Value: $

Scope of Work:
Supply 3 MacroAir Fans Airvolution-D for indoor arena

Reference 2

Client Name: Location:
Dripping Springs Ranch and Event Center Dripping Springs, TX

Contact Name: Title:
Lynne Dickinson Facility Manager

Phone: E-mail
512-560-3819 ldickinson@cityofdrippingsprings.com

Contract Date To: Contract Date From: Contract Value: $

Scope of Work:
Supply 2 MacroAir Fans for covered concession area in covered arena.

Reference 3

Client Name: **WNC Agricultural Center**

Location: **Fletcher, NC**

Contact Name: **Matt Buchanan**

Title: **Facility Manager**

Phone: **828-687-1414**

E-mail **matt.buchanan@ncagr.gov**

Contract Date To:

Contract Date From:

Contract Value: $

Scope of Work:
Supply 3 MacroAir Fans for indoor riding arena

THE STATE OF TEXAS §

COUNTY OF WILLIAMSON §

SERVICES CONTRACT FOR INSTALLATION OF COMMERCIAL FANS (EXPOSITION CENTER) (Bid #1804-226)

Important Notice: County Purchase Orders and Contracts constitute expenditures of public funds, and all vendors are hereby placed on notice that any quotes, invoices or any other forms that seek to unilaterally impose contractual or quasicontractual terms are subject to the extent authorized by Texas law, including but not limited to Tex. Const. art. XI, § 7, the Texas Government Code, the Texas Local Government Code, the Texas Transportation Code, the Texas Health & Safety Code, and Opinions of the Texas Attorney General relevant to local governmental entities.

THIS CONTRACT is made and entered into by and between **Williamson County, Texas** (hereinafter "The County"), a political subdivision of the State of Texas, acting herein by and through its governing body, and **Kiser Arena Specialists, Inc.** (hereinafter "Service Provider"), 243 County Road 281, Gainesville, TX 76240 (940-665-8058). The County agrees to engage Service Provider as an independent contractor, to assist in providing certain operational services pursuant to the following terms, conditions, and restrictions:

I.

No Agency Relationship & Indemnification: It is understood and agreed that Service Provider shall not in any sense be considered a partner or joint venturer with The County, nor shall Service Provider hold himself out as an agent or official representative of The County unless expressly authorized to do so by a majority of the Williamson County Commissioners Court. Service Provider shall be considered an independent contractor for the purpose of this agreement and shall in no manner incur any expense or liability on behalf of The County other than what may be expressly allowed under this agreement. The County will not be liable for any loss, cost, expense or damage, whether indirect, incidental, punitive, exemplary, consequential of any kind whatsoever for any acts by Service Provider or failure to act relating to the services being provided. Service

Provider agrees to indemnify, hold harmless, and defend The County against any claim, demand, loss, injury, damages, action, or liability of any kind against The County resulting from any services Service Provider perform on behalf of The County.

II.

No Waiver of Sovereign Immunity or Powers: Nothing in this agreement will be deemed to constitute a waiver of sovereign immunity or powers of The County, the Williamson County Commissioners Court, or the Williamson County Judge.

III.

No Assignment: Service Provider may not assign this contract.

IV.

Compliance with All Laws: Service Provider agrees and will comply with any and all local, state or federal requirements with respect to the services rendered.

V.

Consideration and Compensation: Service Provider will be compensated based on the attached Response to Bid #1804-226 (including its Fee Proposal/Scope of Work), dated May 30, 2018, which is marked as Exhibit "A" and incorporated herein as if copied in full. **The not-to-exceed amount under this agreement is $33,615.66, unless amended by a change order and approved by the Williamson County Commissioners Court.**

Payment for goods and services shall be governed by Chapter 2251 of the Texas Government Code. An invoice shall be deemed overdue the 31st day after the later of (1) the date The County receives the goods under the contract; (2) the date the performance of the service under the contract is completed; or (3) the date the Williamson County Auditor receives an invoice for the goods or services. Interest charges for any overdue payments shall be paid by The County in accordance with Texas Government Code Section 2251.025. More specifically, the rate of interest that shall accrue on a late payment is the rate in effect on September 1 of The County's fiscal year in which the payment becomes due. The said rate in effect on September 1 shall be equal to the sum of one percent (1%); and (2) the prime rate published in the Wall Street Journal on the first day of July of the preceding fiscal year that does not fall on a Saturday or Sunday.

VI.

Insurance: Service Provider shall provide and maintain, until the services covered in this Contract is completed and accepted by The County, the minimum insurance coverage in the minimum amounts as described below. Coverage shall be written on an occurrence basis by companies authorized and admitted to do business in the State of Texas and rated A- or better by A.M. Best Company or otherwise acceptable to The County and name The County as an additional insured.

	Type of Coverage	**Limits of Liability**
a.	Worker's Compensation	Statutory
b.	Employer's Liability	
	Bodily Injury by Accident	$500,000 Ea. Accident
	Bodily Injury by Disease	$500,000 Ea. Employee
	Bodily Injury by Disease	$500,000 Policy Limit

c. Comprehensive general liability including completed operations and contractual liability insurance for bodily injury, death, or property damages in the following amounts:

COVERAGE	PER PERSON	PER OCCURRENCE
Comprehensive General Liability (*including premises, completed operations and contractual*)	$1,000,000	$1,000,000
Aggregate policy limits:		$2,000,000

d. Comprehensive automobile and auto liability insurance (covering owned, hired, leased and non-owned vehicles):

COVERAGE	PER PERSON	PER OCCURRENCE
Bodily injury (including death)	$1,000,000	$1,000,000
Property damage	$1,000,000	$1,000,000
Aggregate policy limits		No aggregate limit

Service Provider, as an independent contractor, meets the qualifications of an "Independent Contractor" under Texas Worker's Compensation Act, Texas Labor Code, Section 406.141, and must provide its employees, agents and sub-subcontractors worker's compensation coverage. Contactor shall not be entitled to worker's compensation coverage or any other type of insurance coverage held by The County.

Upon execution of this Contract, Service Provider shall provide The County with insurance certificates evidencing compliance with the insurance requirements of this Contract.

VII.

INDEMNIFICATION - EMPLOYEE PERSONAL INJURY CLAIMS: TO THE FULLEST EXTENT PERMITTED BY LAW, THE SERVICE PROVIDER SHALL INDEMNIFY, DEFEND (WITH COUNSEL OF THE COUNTY'S CHOOSING), AND HOLD HARMLESS THE COUNTY, AND THE COUNTY'S EMPLOYEES, AGENTS, REPRESENTATIVES, PARTNERS, OFFICERS, AND DIRECTORS (COLLECTIVELY, THE "INDEMNITEES") AND SHALL ASSUME ENTIRE RESPONSIBILITY AND LIABILITY (OTHER THAN AS A RESULT OF INDEMNITEES' GROSS NEGLIGENCE) FOR ANY CLAIM OR ACTION BASED ON OR ARISING OUT OF THE PERSONAL INJURY, OR DEATH, OF ANY EMPLOYEE OF THE SERVICE PROVIDER, OR OF ANY SUBCONTRACTOR, OR OF ANY OTHER ENTITY FOR WHOSE ACTS THEY MAY BE LIABLE, WHICH OCCURRED OR WAS ALLEGED TO HAVE OCCURRED ON THE WORK SITE OR IN CONNECTION WITH THE PERFORMANCE OF THE WORK. SERVICE PROVIDER HEREBY INDEMNIFIES THE INDEMNITEES EVEN TO THE EXTENT THAT SUCH PERSONAL INJURY WAS CAUSED OR ALLEGED TO HAVE BEEN CAUSED BY THE SOLE, COMPARATIVE OR CONCURRENT NEGLIGENCE OF THE STRICT LIABILITY OF ANY INDEMNIFIED PARTY. THIS INDEMNIFICATION SHALL NOT BE LIMITED TO DAMAGES, COMPENSATION, OR BENEFITS PAYABLE UNDER INSURANCE POLICIES, WORKERS COMPENSATION ACTS, DISABILITY BENEFITS ACTS, OR OTHER EMPLOYEES BENEFIT ACTS.

INDEMNIFICATION - OTHER THAN EMPLOYEE PERSONAL INJURY CLAIMS: TO THE FULLEST EXTENT PERMITTED BY LAW, SERVICE PROVIDER SHALL INDEMNIFY, DEFEND (WITH COUNSEL OF THE COUNTY'S CHOOSING), AND HOLD HARMLESS THE COUNTY, AND THE COUNTY'S EMPLOYEES, AGENTS, REPRESENTATIVES, PARTNERS, OFFICERS, AND DIRECTORS (COLLECTIVELY, THE "INDEMNITEES") FROM AND AGAINST CLAIMS, DAMAGES, LOSSES AND EXPENSES, INCLUDING BUT NOT LIMITED TO ATTORNEYS' FEES, ARISING OUT OF OR ALLEGED TO BE RESULTING FROM THE PERFORMANCE OF THIS AGREEMENT OR THE WORK DESCRIBED HEREIN, TO THE EXTENT CAUSED BY THE NEGLIGENCE, ACTS, ERRORS, OR OMISSIONS OF SERVICE PROVIDER OR ITS SUBCONTRACTORS, ANYONE EMPLOYED BY THEM OR ANYONE FOR WHOSE ACTS THEY MAY BE LIABLE, REGARDLESS OF WHETHER OR NOT SUCH CLAIM, DAMAGE, LOSS OR EXPENSE IS CAUSED IN WHOLE OR IN PART BY A PARTY INDEMNIFIED HEREUNDER.

VIII.

Entire Contract & Incorporated Documents: This Contract constitutes the entire Contract between the parties and may not be modified or amended other than by a written instrument executed by both parties. Documents expressly incorporated (as if copied in full) into this Contract include the following:

A. RFP #1804-226 (Commercial Fans for Williamson County Exposition Center);

B. Response to Bid #1804-226 (including its Fee Proposal/Scope of Work), dated May 30, 2018; and

B. Any required insurance certificates evidencing required coverages.

The County reserves the right and discretion (pursuant to public policy and Texas Constitutional principles) to determine applicable provisions where there is any conflict between this Contract and any of the above-referenced contract documents/exhibits or incorporated documents.

IX.

Services: Service Provider shall provide services *as an independent contractor* pursuant to terms and policies of the Williamson County Commissioners Court. Service Provider expressly acknowledges that he or she is not an employee of The County. The services include, but are not limited to the following items in order to complete the project:

As described in Service Provider's Response to Bid #1804-226 (including its Fee Proposal/Scope of Work), dated May 30, 2018, which is incorporated herein as if copied in full.

X.

Good Faith Clause: Service Provider agrees to act in good faith in the performance of this agreement.

XI.

Confidentiality: Service Provider expressly agrees that he or she will not use any incidental confidential information that may be obtained while working in a governmental setting for his or her own benefit, and agrees that he or she will not enter any unauthorized areas or access confidential information and he or she will not disclose

any information to unauthorized third parties, and will take care to guard the security of the information at all times.

XII.

Termination: This agreement may be terminated at any time at the option of either party, without *future or prospective* liability for performance upon giving thirty (30) days written notice thereof.

XIII.

Venue and Applicable Law: Venue of this contract shall be Williamson County, Texas, and the laws of the State of Texas shall govern all terms and conditions.

XIV.

Effective Date and Term: This contract shall be in full force and effect when signed by all parties and shall continue for a reasonable time period for the specific project and shall terminate upon project completion or when terminated pursuant to paragraph XII above.

XV.

Severability: In case any one or more of the provisions contained in this agreement shall for any reason be held to be invalid, illegal, or unenforceable in any respect, such invalidity, illegality, or unenforceability shall not affect any other provision in this agreement and this agreement shall be construed as if such invalid, illegal, or unenforceable provision had never been contained in it.

XVI.

Right to Audit: Service Provider agrees that The County or its duly authorized representatives shall, until the expiration of three (3) years after final payment under this Agreement, have access to and the right to examine and photocopy any and all books, documents, papers and records of Service Provider which are directly pertinent to the services to be performed under this Agreement for the purposes of making audits, examinations, excerpts, and transcriptions. Service Provider agrees that The County shall have access during normal working hours to all necessary Service Provider facilities and shall be provided adequate and appropriate work space in order to conduct audits in compliance with the provisions of this section. The County shall give Service Provider reasonable advance notice of intended audits.

XVII.

County Judge or Presiding Officer Authorized to Sign Contract: The presiding officer of The County's governing body who is authorized to execute this instrument by order duly recorded may execute this contract on behalf of The County.

WITNESS the signatures of all parties in duplicate originals this the _____ day of _____, 2018.

WILLIAMSON COUNTY:

_____
Authorized Signature

SERVICE PROVIDER:

_____
Authorized Signature

Exhibit "A"
(Response to Bid #1804-226 (including its Fee Proposal/ Scope of Work), dated May 30, 2018)

Bid Form

Commercial Fans for Williamson County Expo Center

Williamson County is seeking suppliers to provide commercial fans for the outdoor arena and expo areas of the Williamson County Expo Center. The Expo Center currently has six (6) installed MacroAir AirVolution-D780 fans in operation. Installation of fans shall be turn key including mechanical installation of fans and controllers, electrical-pulling wires through existing conduit, including wiring and emt work in electrical room. Initial purchase will be for an additional five (5) fans (2-24' Fans & 3-18' Fans).

MacroAir AirVolution-D 780 (or equivalent) turn key price per fan:

24' Fan $ 4,024

18' Fan $ 3,699

Estimated Freight for five (5) fans:

$ 680.66

Installation Cost for five (5) fans:

$ 12,510.00

Installation Includes:

Mechanical installation of fans and controllers. Electrical - pulling wires through existing conduit, including wiring and emt in electrical room.

Installation Excludes:

Double Wall or Single Wall square or rectangular ductwork, motor starters, variable frequency drives, thermostats, controls, smoke detectors

Warranty Information:

MacroAir 12-year Service Life Prorated Limited Warranty. See attached warranty information

MacroAir engineers of air™

KISER ARENA SPECIALISTS

05/25/2018

Quote #19222

PREPARED FOR

Eastern Williamson County Events Center

For: Arena & Covered Expo Fans
Clint Chitsey
5350 Bill Picket Trail
Taylor, TX 76574
512-352-4117
clint.chitsey@wilco.org

PREPARED BY

Courtney Stevens
Kiser Arena Specialists
243 County Road 281
Gainesville, TX 76240
(940) 665-8058
cstevens@kiserarenaspecialists.com

Thank you for choosing MacroAir Fans through North American Equine Distributor Kiser Arena Specialists!

Item Summary

Item Name	Quantity	Price/Unit	Total Price
AirVolution			
[#4203-MA] 480V Three Phase Power Unit, 50/60 Hz	2	$0.00	$0.00
[#AV24] 24 FT AirVolution Fan Blades	2	$3,699.00	$7,398.00
[#60-90006-00] AirVolution Universal Mount: I-beam Hardware Kit	2	$0.00	$0.00
[#30-90308-00] Digital Remote Assembly	2	$0.00	$0.00
[#50-802in-02] 02 ft - 02 ft 11 in / 0.61 m - 0.89 m Extension	2	$325.00	$650.00
AirVolution			
[#4203-MA] 480V Three Phase Power Unit, 50/60 Hz	3	$0.00	$0.00
[#AV18] 18 FT AirVolution Fan Blades	3	$3,699.00	$11,097.00
[#60-90006-00] AirVolution Universal Mount: I-beam Hardware Kit	3	$0.00	$0.00

[#30-90308-00] Digital Remote Assembly	3	$0.00	$0.00

Additional Options

Arena Fan #7 CAT5 - 280\'	1	$280.00	$280.00
Arena Fan #8 CAT5 - 200\'	1	$200.00	$200.00
Expo Fan #1 - 170\'	1	$170.00	$170.00
Expo Fan #2 - 110\'	1	$110.00	$110.00
Expo Fan #3 - 140\'	1	$140.00	$140.00
Extra Wide Beam Plate Assembly	2	$190.00	$380.00

Items Subtotal	**$20,425.00**
Estimated Freight	$680.66
Total Cost	**$21,105.66**
Tax (0%)	$0.00
Installation	$12,510.00
Grand Total Cost	**$33,615.66**

Installation

Installation includes: Turn key-including mechanical installation of fans and controllers. Electrical-pulling
wires though existing conduit, including wiring and emt work in electrical room.

Standard Exclusions: (Unless otherwise specified on this quote)Double Wall or Single Wall Square or rectangular ductwork, Motor Starters, Variable Frequency Drives, Thermostats, Controls, Smoke Detectors.

Financing

Financing options may be available.

Expiration

This quote will expire in 30 days.

WARRANTY INFORMATION

AIRVOLUTION

MacroAir 12-Year Service Life Prorated Limited Warranty

Warrantor: The warrantor for the limited warranties set forth herein is MacroAir Technologies Inc. ("MacroAir").

Limited Warranty: This prorated limited warranty (this "Warranty") applies only to the original End-User (the "End-User") of any MacroAir Technologies' Six or Three Blade Fan(s) (individually and collectively, the "Product") and cannot be transferred. This Warranty applies even in the event that the Product is initially sold by MacroAir for resale to an End-User.

What This Warranty Covers: In addition to the Lifetime Warranty on blades, hub, and frame; and the 3-Year Non-prorated Warranty, MacroAir warrants that the Product will have a "service life" (defined below) of Twelve Years from the date of purchase (the "Twelve-Year Service Life") when used in accordance with the operation and maintenance procedures prescribed in the MacroAir Installation and Owners Manuals. If MacroAir finds, in its sole discretion, that any Product has not provided the Twelve-Year Service Life, MacroAir will, as its sole obligation and the End-User's sole remedy for MacroAir's breach of this warranty, repair or replace the Product, at its option, F.O.B. MacroAir's factory, for a charge, payable by the End-User to MacroAir prorated on the following basis:

The End-User will be allowed a credit against the MacroAir's list price of equivalent equipment at the time of return of the Product to MacroAir, in proportion to the percentage of Twelve-Year Service Life remaining at the time of return of the Product to MacroAir. The End-User will assume responsibility to pay the balance of the list price; and MacroAir reserves the right to require payment prior to delivery of the repaired or replacement equipment.

For the avoidance of doubt, MacroAir's responsibilities under this Warranty are as follows:

Lifetime - Product repaired or replaced - Applies to Blades, Hub, and Frame, as described therein
3-Year Limited Non-Prorated Warranty – Product repaired or replaced - Applies to all Product components, as described therein
Year 4-12 - Unit Credit ($) = Current List Price X $\frac{\text{Years of Unexpired Service Life}}{\text{12 Years of Warranted Service Life}}$

Service Life: A MacroAir fan's service life is its expected lifetime, or the acceptable period of use in service. It is the time that a MacroAir fan can reasonably be expected to be 'serviceable' or supported by MacroAir.

What This Limited Warranty Does Not Cover: This Warranty does not cover any defects or damages caused by: (a) failure to properly store the Product before installation; (b) shipping and delivery of the Product if shipping is FOB Factory; (c) neglect, accident, abuse, misuse, misapplication, or incorrect installation; (d) repair or alteration not authorized in writing by MacroAir personnel or performed by an authorized MacroAir Customer Service Engineer or Agent; (e) improper testing, operation, maintenance, adjustment, or modification of any kind not authorized in writing by MacroAir personnel or performed by an authorized MacroAir Customer Service Engineer or Agent; or (f) use of the Product under other than normal operating conditions or in a manner inconsistent with the Product's labels or instructions.

This Warranty is not valid: (a) unless the End-User returns to MacroAir the Warranty Registration Card or registers online within thirty (30) days of purchase; or (b) if the Product's serial numbers have been removed or are illegible. Any Warranted Items repaired or replaced pursuant to this Warranty will be warranted for the remaining portion of the original Warranty subject to all the terms thereof. MacroAir shall not be responsible for any charges for testing, checking, removal or installation of Warranted Items not authorized in writing by MacroAir personnel or performed by an authorized MacroAir Customer Service Engineer or Agent.

Any Warranted Items repaired or replaced pursuant to this Warranty will be warranted for the remaining portion of the original Warranty subject to all the terms thereof. MacroAir shall not be responsible for any charges for testing, checking, removal or installation of Warranted Items not authorized in writing by MacroAir personnel or performed by an authorized MacroAir Customer Service Engineer or Agent.

Limitation Of Liability: The remedies of the End-User set forth herein are exclusive and are the sole remedies for any failure of MacroAir to comply with its obligations hereunder. In no event shall MacroAir be liable in contract, in tort (including negligence or strict liability) or otherwise for damage to property or equipment other than the Products, including loss of profits or revenue, loss of use of Products, cost of capital, claims of customers of the End-User or any special, indirect, incidental or consequential damages whatsoever. The total cumulative liability of MacroAir hereunder whether the claims are based in contract (including indemnity), in tort (including negligence or strict liability) or otherwise, shall not exceed the price of the Product on which such liability is based. MacroAir shall not be responsible for failure to provide service or parts due to causes beyond MacroAir's reasonable control.

End-User's Obligations: In order to receive the benefits of this Warranty, the End-User must use the Product in a normal way; follow the Product's Installation and Owners Manuals; and protect against further damage to the Product if there is a covered defect.

Other Limitations: MacroAir's obligations under this Warranty are expressly conditioned upon receipt by MacroAir of all payments due to it (including interest charges, if any). During such time as MacroAir has not received payment of any amount due to it for the Product, in accordance with the contract terms under which the Product is sold, MacroAir shall have no obligation under this Warranty. Also during such time, the period of this Warranty shall continue to run and the expiration of this Warranty shall not be extended upon payment of any overdue or unpaid amounts.

Costs Not Related To Warranty: The End-User shall be invoiced for, and shall pay for, all services not expressly provided for by the terms of this Warranty, including without limitation, site calls involving an inspection that determines no corrective maintenance is required. Any costs for replacement equipment, installation, materials, freight charges, travel expenses or labor of MacroAir representatives outside the terms of this Warranty will be borne by the End-User.

Obtaining Warranty Service: Call MacroAir Technologies Inc., Customer Service Department at 909.890.2270. MacroAir will not accept any product for return, credit or exchange unless expressly authorized by MacroAir in writing and delivered FOB MacroAir factory with proper Return Authorization Number attached to the product.

WARRANTY INFORMATION

AIRVOLUTION

MacroAir 12-Year Service Life Prorated Limited Warranty

Warrantor: The warrantor for the limited warranties set forth herein is MacroAir Technologies Inc. ("MacroAir").

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The End-User will be allowed a credit against the MacroAir's list price of equivalent equipment at the time of return of the Product to MacroAir, in proportion to the percentage of Twelve-Year Service Life remaining at the time of return of the Product to MacroAir. The End-User will assume responsibility to pay the balance of the list price; and MacroAir reserves the right to require payment prior to delivery of the repaired or replacement equipment.

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Lifetime - Product repaired or replaced - Applies to Blades, Hub, and Frame, as described therein
3-Year Limited Non-Prorated Warranty – Product repaired or replaced - Applies to all Product components, as described therein
Year 4-12 - Unit Credit ($) = Current List Price X $\frac{\text{Years of Unexpired Service Life}}{\text{12 Years of Warranted Service Life}}$

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Limitation Of Liability: The remedies of the End-User set forth herein are exclusive and are the sole remedies for any failure of MacroAir to comply with its obligations hereunder. In no event shall MacroAir be liable in contract, in tort (including negligence or strict liability) or otherwise for damage to property or equipment other than the Products, including loss of profits or revenue, loss of use of Products, cost of capital, claims of customers of the End-User or any special, indirect, incidental or consequential damages whatsoever. The total cumulative liability of MacroAir hereunder whether the claims are based in contract (including indemnity), in tort (including negligence or strict liability) or otherwise, shall not exceed the price of the Product on which such liability is based. MacroAir shall not be responsible for failure to provide service or parts due to causes beyond MacroAir's reasonable control.

End-User's Obligations: In order to receive the benefits of this Warranty, the End-User must use the Product in a normal way; follow the Product's Installation and Owners Manuals; and protect against further damage to the Product if there is a covered defect.

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MEMO

To: Mr. Blake Skiles-Purchasing

From: Clint Chitsey- Williamson County Expo

Subject: Commercial Fans for the Williamson County Exposition Center

Solicitation #1804-226

Re: Bid Evaluation

In response to Solicitation #1804-226 the Purchasing Department received a complete Bid from one (1) company desiring to provide Commercial Fans for the Williamson County Exposition Center.

The Expo staff, with Purchasing Department overview, reviewed the Bid Tabulation.

After reviewing the Bid Tabulation and considering the pricing offer of $33,615.66, Kiser Arena Specialist is the best overall selection for Commercial Fans for the Williamson County Exposition Center.

The Williamson County Expo Center recommends that Kiser Arena Specialist be awarded the Comercial Fans contract for the Williamson County Exposition Center- Solicitation #1804-226.

Thank you

Clint Chitsey

Commissioners Court - Regular Session **45.**

Meeting Date: 06/19/2018

Award of Invitation for Bid #1803-219 Southwest Bypass Segment 2

Submitted For: Randy Barker **Submitted By:** Johnny Grimaldo, Purchasing

Department: Purchasing

Agenda Category: Regular Agenda Items

Information

Agenda Item

Discuss, consider, and take appropriate action on awarding Invitation to Bid #1803-219 Southwest Bypass Segment 2 to the lowest responsive bidder, James Construction.

Background

The Contractor's low base bid is $2,913,232.28 below the Engineer's Estimate, a cost saving of 26.5%. The bidding was competitive with the lowest two bidders being within 1.1% of each other. In addition to meeting the bid qualifications subject to being low bidder, James Construction has performed similar work on other projects and received positive recommendations from the three references contacted. Based on the references provided by the Contractor, HNTB concurs with the recommendation of the Design Engineer, HDR, for award of the Southwest Bypass Segment 2 construction contract to James Construction in the amount of $8,087,943.77. The Point of Contact for this Bid is HNTB and Road Bond Funds Project P243 will be utilized.

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

Recommendation Packet

Form Review

Inbox	Reviewed By	Date
Purchasing (Originator)	Randy Barker	06/14/2018 11:24 AM
County Judge Exec Asst.	Wendy Coco	06/14/2018 11:26 AM
Form Started By: Johnny Grimaldo		Started On: 06/13/2018 03:54 PM
Final Approval Date: 06/14/2018		

HNTB Corporation
The HNTB Companies
Engineers Architects Planners

101 E. Old Settlers Blvd
Suite 100
Round Rock, TX 78664

Telephone (512) 744-9082
www.hntb.com

June 12, 2018

Williamson County Purchasing Department
901 S. Austin Ave
Georgetown, Texas 78626

Attention: Kerstin Hancock
Deputy Purchasing Agent

Re: Williamson County Road Bond Program
Southwest Bypass Segment 2
Williamson County Project No. 1803-219
Recommendation of Contractor Award

Dear Ms. Hancock,

Please find attached the bid tabulations for the referenced project. The bids have been reviewed and the apparent low bid from James Construction was found to be responsive, mathematically correct, and materially balanced. Following is a summary of the bid totals:

1. James Construction $8,087,943.77
2. Jordan Foster Construction $8,178,210.73
3. Capital Excavation $9,012,863.14
4. Aaron Concrete Contractors $12,341,836.85

The Contractor's low base bid is $2,913,232.28 below the Engineer's Estimate, a cost saving of 26.5%. The bidding was competitive with the lowest two bidders being within 1.1% of each other.

In addition to meeting the bid qualifications subject to being low bidder, James Construction has performed similar work on other projects and received positive recommendations from the three references contacted. Based on the references provided by the Contractor we concur with the recommendation of the Design Engineer, HDR, for award of the Southwest Bypass Segment 2 construction contract to James Construction in the amount of $8,087,943.77.

Please feel free to contact our office with any questions.

Respectfully Submitted,

HNTB Corporation



James Klotz, P.E.

VIA E-MAIL

Attachments: Bid Tabulation Analysis, Engineer's Letter of Recommendation, Form 1295

Cc: Judge Gattis, Williamson County Judge
Commissioner Cook, Williamson County, Pct. 1
Commissioner Long, Williamson County, Pct. 2
Commissioner Covey, Williamson County, Pct. 3
Commissioner Madsen, Williamson County Pct. 4
Robert Daigh, Williamson County
Terron Evertson, Williamson County
Mike Weaver, Prime Strategies, Inc.
Richard Ridings, HNTB Corporation

Williamson County Road Bond Program
1803-219 Southwest Bypass Segment 2
HNTB Bid Tabulation
May 9, 2018

Bid Comparison

Bidder	Bid Amount	Rank	Difference from Engineer's Estimate ($)	Difference from Engineer's Estimate (%)	Difference from Low Bid ($)	Difference from Low Bid (%)
James Construction	$8,087,943.77	1	($2,913,232.28)	-26.5%	-	-
Jordan Foster Construction	$8,178,210.73	2	($2,822,965.32)	-25.7%	$ 90,266.96	1.1%
Capital Excavation	$9,012,863.14	3	($1,988,312.91)	-18.1%	$ 924,919.37	11.4%
Aaron Concrete Contractors	$12,341,836.85	4	$1,340,660.80	12.2%	$ 4,253,893.08	52.6%

Williamson County Road Bond Program
1803-219 Southwest Bypass Segment 2
HNTB Bid Tabulation
May 9, 2018

BID ITEM	TECH SPEC	DESCRIPTION	BID QUANTITY	UNIT MEASURE	Engineer's Estimate		James Construction		Jordan Foster Construction	
					UNIT COST	AMOUNT BID	UNIT COST	AMOUNT BID	UNIT COST	AMOUNT BID
1	100-6002	PREPARING ROW	94	STA	$ 5,000.00	$ 470,000.00	$ 3,599.00	$ 338,306.00	$ 4,090.00	$ 384,460.00
2	104-6001	REMOVING CONC (PAV)	5	SY	$ 150.00	$ 750.00	$ 1.00	$ 5.00	$ 70.00	$ 350.00
3	104-6013	REMOVING CONC (FOUNDATIONS)	582	SY	$ 15.00	$ 8,730.00	$ 17.00	$ 9,894.00	$ 20.00	$ 11,640.00
4	105-6011	REMOVING STAB BASE AND ASPH PAV (2"-6")	715	SY	$ 3.00	$ 2,145.00	$ 10.35	$ 7,400.25	$ 3.00	$ 2,145.00
5	110-6001	EXCAVATION (ROADWAY)	171,443	CY	$ 10.00	$ 1,714,430.00	$ 4.88	$ 836,641.84	$ 5.75	$ 985,797.25
6	132-6005	EMBANKMENT (FINAL)(ORD COMP)(TY C)	123,229	CY	$ 8.00	$ 985,832.00	$ 2.71	$ 333,950.59	$ 2.90	$ 357,364.10
7	132-6006	EMBANKMENT (FINAL)(DENS CONT)(TY C)	37,034	CY	$ 10.00	$ 370,340.00	$ 3.89	$ 144,062.26	$ 3.60	$ 133,322.40
8	160-6005	FURNISHING AND PLACING TOPSOIL	4,393	CY	$ 20.00	$ 87,860.00	$ 31.22	$ 137,149.46	$ 12.00	$ 52,716.00
9	161-6017	COMPOST MANUF TOPSOIL (4")	42,306	SY	$ 2.50	$ 105,765.00	$ 0.94	$ 39,767.64	$ 3.25	$ 137,494.50
10	164-6009	BROADCAST SEED (TEMP) (WARM)	21,154	SY	$ 0.10	$ 2,115.40	$ 0.12	$ 2,538.48	$ 0.12	$ 2,538.48
11	164-6011	BROADCAST SEED (TEMP) (COOL)	21,154	SY	$ 0.10	$ 2,115.40	$ 0.12	$ 2,538.48	$ 0.12	$ 2,538.48
12	164-6023	CELL FBR MLCH SEED(PERM) (RURAL)(CLAY)	42,306	SY	$ 0.40	$ 16,922.40	$ 0.22	$ 9,307.32	$ 0.22	$ 9,307.32
13	168-6001	VEGETATIVE WATERING	6,982	MG	$ 22.00	$ 153,604.00	$ 22.87	$ 159,678.34	$ 1.00	$ 6,982.00
14	169-6001	SOIL RETENTION BLANKETS (CL 1) (TY A)	17,219	SY	$ 1.40	$ 24,106.60	$ 1.20	$ 20,662.80	$ 1.45	$ 24,967.55
15	247-6041	FL BS (CMP IN PLC) (TYA GR1&2) (FNAL POS)	9,891	CY	$ 40.00	$ 395,640.00	$ 36.83	$ 364,285.53	$ 18.00	$ 178,038.00
16	310-6027	PRIME COAT(MC-30 OR AE-P)	5,455	GAL	$ 3.50	$ 19,092.50	$ 3.60	$ 19,638.00	$ 3.50	$ 19,092.50
17	340-6242	D-GR HMA(SQ)TY-B OR D PG64-22(LVL-UP)	829	TON	$ 80.00	$ 66,320.00	$ 82.35	$ 68,268.15	$ 90.00	$ 74,610.00
18	341-6008	D-GR HMA TY-B PG64-22	4,703	TON	$ 70.00	$ 329,210.00	$ 59.19	$ 278,370.57	$ 65.00	$ 305,695.00
19	341-6042	D-GR HMA TY-D SAC-B PG70-22	6,451	TON	$ 90.00	$ 580,590.00	$ 79.26	$ 511,306.26	$ 87.00	$ 561,237.00
20	354-6021	PLANE ASPH CONC PAV(0" TO 2")	8,882	SY	$ 1.30	$ 11,546.60	$ 1.50	$ 13,323.00	$ 1.90	$ 16,875.80
21	400-6005	CEM STABIL BKFL	224	CY	$ 125.00	$ 28,000.00	$ 148.48	$ 33,259.52	$ 124.00	$ 27,776.00
22	401-6001	FLOWABLE BACKFILL	167	CY	$ 140.00	$ 23,380.00	$ 123.50	$ 20,624.50	$ 125.00	$ 20,875.00
23	416-6001	DRILL SHAFT (18 IN)	119	LF	$ 85.00	$ 10,115.00	$ 88.32	$ 10,510.08	$ 98.00	$ 11,662.00
24	416-6005	DRILL SHAFT (42 IN)	672	LF	$ 220.00	$ 147,840.00	$ 186.60	$ 125,395.20	$ 205.00	$ 137,760.00
25	416-6029	DRILL SHAFT (RDWY ILL POLE) (30 IN)	32	LF	$ 205.00	$ 6,560.00	$ 257.04	$ 8,225.28	$ 265.00	$ 8,480.00
26	416-6032	DRILL SHAFT (TRF SIG POLE) (36 IN)	52	LF	$ 290.00	$ 15,080.00	$ 309.49	$ 16,093.48	$ 325.00	$ 16,900.00
27	420-6007	CL A CONC (FLUME)	1	CY	$ 450.00	$ 450.00	$ 1,606.78	$ 1,606.78	$ 1,000.00	$ 1,000.00
28	420-6013	CL C CONC (ABUT)	74.1	CY	$ 900.00	$ 66,690.00	$ 666.31	$ 49,373.57	$ 820.00	$ 60,762.00
29	420-6029	CL C CONC (CAP)	135	CY	$ 900.00	$ 121,500.00	$ 795.55	$ 107,399.25	$ 775.00	$ 104,625.00
30	420-6037	CL C CONC (COLUMN)	148.4	CY	$ 900.00	$ 133,560.00	$ 633.95	$ 94,078.18	$ 750.00	$ 111,300.00
31	420-6074	CL C CONC (MISC)	86.4	CY	$ 740.00	$ 63,936.00	$ 664.36	$ 57,400.70	$ 775.00	$ 66,960.00
32	422-6001	REINF CONC SLAB	35,280	SF	$ 16.00	$ 564,480.00	$ 16.39	$ 578,239.20	$ 15.95	$ 562,716.00
33	422-6015	APPROACH SLAB	75.4	CY	$ 400.00	$ 30,160.00	$ 478.05	$ 36,044.97	$ 450.00	$ 33,930.00
34	423-RW05	RETAINING WALL (MSE) (ASHLAR STONE FIN)	2,690	SF	$ 45.00	$ 121,050.00	$ 54.23	$ 145,878.70	$ 55.00	$ 147,950.00
35	423-RW06	RETAINING WALL (MSE) (ASHLAR STONE FIN)	2,416	SF	$ 55.00	$ 132,880.00	$ 51.85	$ 125,269.60	$ 47.00	$ 113,552.00
36	425-6040	PRESTR CONC GIRDER (TX62)	3,587.05	LF	$ 145.00	$ 520,122.25	$ 171.58	$ 615,466.04	$ 155.00	$ 555,992.75
37	431-8001	PNEUMATICALLY PLACED CONC (ROCK FACIA)	625	SY	$ 37.50	$ 23,437.50	$ 82.45	$ 51,531.25	$ 185.00	$ 115,625.00
38	432-6001	RIPRAP (CONC)(4 IN)	82	CY	$ 450.00	$ 36,900.00	$ 350.00	$ 28,700.00	$ 450.00	$ 36,900.00
39	432-6033	RIPRAP (STONE PROTECTION)(18 IN)	184	CY	$ 140.00	$ 25,760.00	$ 60.00	$ 11,040.00	$ 48.00	$ 8,832.00

Williamson County Road Bond Program
1803-219 Southwest Bypass Segment 2
HNTB Bid Tabulation
May 9, 2018

BID ITEM	TECH SPEC	DESCRIPTION	BID QUANTITY	UNIT MEASURE	Engineer's Estimate		James Construction		Jordan Foster Construction	
					UNIT COST	AMOUNT BID	UNIT COST	AMOUNT BID	UNIT COST	AMOUNT BID
40	432-6045	RIPRAP (MOW STRIP)(4 IN)	33	CY	$ 500.00	$ 16,500.00	$ 687.17	$ 22,676.61	$ 550.00	$ 18,150.00
41	432-8001	RIPRAP (STONE PROTECTION)(8 IN) (TY I)	877	CY	$ 80.00	$ 70,160.00	$ 34.68	$ 30,414.36	$ 48.00	$ 42,096.00
42	432-8002	RIPRAP (STONE PROTECTION)(8 IN) (TY II)	9,178	CY	$ 70.00	$ 642,460.00	$ 25.49	$ 233,947.22	$ 32.00	$ 293,696.00
43	450-6023	RAIL (TY SSTR)	1,782	LF	$ 55.00	$ 98,010.00	$ 45.77	$ 81,562.14	$ 65.00	$ 115,830.00
44	454-6001	SEALED EXPANSION JOINT (4 IN) (SEJ - A)	144	LF	$ 90.00	$ 12,960.00	$ 93.89	$ 13,520.16	$ 82.00	$ 11,808.00
45	464-6005	RC PIPE (CL III)(24 IN)	84	LF	$ 90.00	$ 7,560.00	$ 71.11	$ 5,973.24	$ 110.00	$ 9,240.00
46	464-6007	RC PIPE (CL III)(30 IN)	168	LF	$ 150.00	$ 25,200.00	$ 67.87	$ 11,402.16	$ 85.00	$ 14,280.00
47	464-6008	RC PIPE (CL III)(36 IN)	360	LF	$ 160.00	$ 57,600.00	$ 73.36	$ 26,409.60	$ 140.00	$ 50,400.00
48	464-6018	RC PIPE (CL IV)(24 IN)	310	LF	$ 110.00	$ 34,100.00	$ 74.83	$ 23,197.30	$ 83.00	$ 25,730.00
49	464-6026	RC PIPE (CL V)(24 IN)	264	LF	$ 180.00	$ 47,520.00	$ 84.90	$ 22,413.60	$ 105.00	$ 27,720.00
50	466-6005	HEADWALL (CH - FW - 0) (DIA= 24 IN)	1	EA	$ 6,000.00	$ 6,000.00	$ 2,511.96	$ 2,511.96	$ 6,300.00	$ 6,300.00
51	466-6130	HEADWALL (CH - PW - S) (DIA= 24 IN)	1	EA	$ 8,000.00	$ 8,000.00	$ 2,036.00	$ 2,036.00	$ 6,300.00	$ 6,300.00
52	467-6001	SET (PIPE RUNNER ASSEMBLY)	1	EA	$ 5,000.00	$ 5,000.00	$ 1,339.84	$ 1,339.84	$ 1,300.00	$ 1,300.00
53	467-6388	SET (TY II) (24 IN) (RCP) (3: 1) (C)	1	EA	$ 1,200.00	$ 1,200.00	$ 912.40	$ 912.40	$ 1,300.00	$ 1,300.00
54	467-6390	SET (TY II) (24 IN) (RCP) (4: 1) (C)	1	EA	$ 1,700.00	$ 1,700.00	$ 1,012.09	$ 1,012.09	$ 1,400.00	$ 1,400.00
55	467-6394	SET (TY II) (24 IN) (RCP) (6: 1) (C)	2	EA	$ 2,200.00	$ 4,400.00	$ 1,080.00	$ 2,160.00	$ 1,450.00	$ 2,900.00
56	467-6419	SET (TY II) (30 IN) (RCP) (4: 1) (C)	2	EA	$ 2,700.00	$ 5,400.00	$ 1,728.98	$ 3,457.96	$ 1,600.00	$ 3,200.00
57	467-6422	SET (TY II) (30 IN) (RCP) (6: 1) (C)	2	EA	$ 3,200.00	$ 6,400.00	$ 2,259.98	$ 4,519.96	$ 2,000.00	$ 4,000.00
58	467-6448	SET (TY II) (36 IN) (RCP) (3: 1) (C)	3	EA	$ 3,200.00	$ 9,600.00	$ 3,359.08	$ 10,077.24	$ 2,600.00	$ 7,800.00
59	467-6453	SET (TY II) (36 IN) (RCP) (6: 1) (C)	3	EA	$ 4,200.00	$ 12,600.00	$ 3,359.08	$ 10,077.24	$ 2,900.00	$ 8,700.00
60	496-6039	REMOV STR (BUILDING)	2	EA	$ 20,000.00	$ 40,000.00	$ 6,557.11	$ 13,114.22	$ 15,000.00	$ 30,000.00
61	496-6043	REMOV STR (SMALL FENCE)	1,566	LF	$ 4.00	$ 6,264.00	$ 2.40	$ 3,758.40	$ 7.00	$ 10,962.00
62	500-6001	MOBILIZATION	1	LS	$ 984,000.00	$ 984,000.00	$ 800,000.00	$ 800,000.00	$ 700,000.00	$ 700,000.00
63	502-6001	BARRICADES, SIGNS AND TRAFFIC HANDLING	14	MO	$ 7,000.00	$ 98,000.00	$ 3,780.00	$ 52,920.00	$ 1,500.00	$ 21,000.00
64	506-6002	ROCK FILTER DAMS (INSTALL) (TY 2)	200	LF	$ 24.00	$ 4,800.00	$ 19.50	$ 3,900.00	$ 20.00	$ 4,000.00
65	506-6011	ROCK FILTER DAMS (REMOVE)	387	LF	$ 7.00	$ 2,709.00	$ 6.00	$ 2,322.00	$ 6.00	$ 2,322.00
66	506-6020	CONSTRUCTION EXITS (INSTALL) (TY 1)	160	SY	$ 17.00	$ 2,720.00	$ 13.50	$ 2,160.00	$ 14.00	$ 2,240.00
67	506-6024	CONSTRUCTION EXITS (REMOVE)	160	SY	$ 7.00	$ 1,120.00	$ 6.00	$ 960.00	$ 6.00	$ 960.00
68	506-6038	TEMP SEDMT CONT FENCE (INSTALL)	5,297	LF	$ 2.50	$ 13,242.50	$ 2.05	$ 10,858.85	$ 2.10	$ 11,123.70
69	506-6039	TEMP SEDMT CONT FENCE (REMOVE)	8,539	LF	$ 0.50	$ 4,269.50	$ 0.10	$ 853.90	$ 0.10	$ 853.90
70	506-8002	REMOVE ROCK	7,383	SY	$ 4.00	$ 29,532.00	$ 1.00	$ 7,383.00	$ 1.85	$ 13,658.55
71	512-6005	PORT CTB (FUR & INST)(F-SHAPE)(TY 1)	1,440	LF	$ 18.00	$ 25,920.00	$ 8.32	$ 11,980.80	$ 65.00	$ 93,600.00
72	529-6007	CONC CURB & GUTTER (TY I)	4,940	LF	$ 22.00	$ 108,680.00	$ 17.50	$ 86,450.00	$ 14.00	$ 69,160.00
73	529-6008	CONC CURB & GUTTER (TY II)	429	LF	$ 25.00	$ 10,725.00	$ 17.25	$ 7,400.25	$ 24.00	$ 10,296.00
74	531-6017	CURB RAMPS (TY 22)	4	EA	$ 3,000.00	$ 12,000.00	$ 2,500.00	$ 10,000.00	$ 2,300.00	$ 9,200.00
75	540-6001	MTL W-BEAM GD FEN (TIM POST)	237.5	LF	$ 21.00	$ 4,987.50	$ 21.90	$ 5,201.25	$ 21.00	$ 4,987.50
76	540-6006	MTL BEAM GD FEN TRANS (THRIE-BEAM)	4	EA	$ 1,500.00	$ 6,000.00	$ 1,500.00	$ 6,000.00	$ 1,300.00	$ 5,200.00
77	540-6016	DOWNSTREAM ANCHOR TERMINAL SECTION	1	EA	$ 1,200.00	$ 1,200.00	$ 890.00	$ 890.00	$ 1,000.00	$ 1,000.00
78	544-6001	GUARDRAIL END TREATMENT (INSTALL)	3	EA	$ 2,500.00	$ 7,500.00	$ 2,296.00	$ 6,888.00	$ 2,600.00	$ 7,800.00

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BID ITEM	TECH SPEC	DESCRIPTION	BID QUANTITY	UNIT MEASURE	Engineer's Estimate		James Construction		Jordan Foster Construction	
					UNIT COST	AMOUNT BID	UNIT COST	AMOUNT BID	UNIT COST	AMOUNT BID
79	550-6001	CHAIN LINK FENCE (INSTALL) (6')	116	LF	$ 25.00	$ 2,900.00	$ 50.00	$ 5,800.00	$ 30.00	$ 3,480.00
80	550-6006	GATE (REMOVE)	2	EA	$ 400.00	$ 800.00	$ 343.66	$ 687.32	$ 275.00	$ 550.00
81	552-8001	WIRE FENCE	15,416	LF	$ 9.00	$ 138,744.00	$ 8.00	$ 123,328.00	$ 13.00	$ 200,408.00
82	552-8002	GALVANIZED TUBE GATE	5	EA	$ 2,200.00	$ 11,000.00	$ 1,500.00	$ 7,500.00	$ 1,100.00	$ 5,500.00
83	556-6006	PIPE UNDERDRAINS (TY 6) (6")	215	LF	$ 18.00	$ 3,870.00	$ 45.30	$ 9,739.50	$ 22.00	$ 4,730.00
84	610-6105	IN RD IL (U/P) (TY 1) (250W EQ) LED	8	EA	$ 1,420.00	$ 11,360.00	$ 2,596.61	$ 20,772.88	$ 2,600.00	$ 20,800.00
85	610-6290	IN RD IL (TY SA) 50T-12 (400W EQ) LED	2	EA	$ 4,200.00	$ 8,400.00	$ 4,773.56	$ 9,547.12	$ 5,200.00	$ 10,400.00
86	610-6291	IN RD IL (TY SA) 50T-12-12(400W EQ)LED	2	EA	$ 5,200.00	$ 10,400.00	$ 5,455.50	$ 10,911.00	$ 5,500.00	$ 11,000.00
87	618-6023	CONDT (PVC) (SCH 40) (2")	9,808	LF	$ 10.00	$ 98,080.00	$ 11.54	$ 113,184.32	$ 11.50	$ 112,792.00
88	618-6024	CONDT (PVC) (SCH 40) (2") (BORE)	778	LF	$ 25.00	$ 19,450.00	$ 27.02	$ 21,021.56	$ 28.00	$ 21,784.00
89	618-6025	CONDT (PVC) (SCH 40) (2") (CONC ENCSE)	398	LF	$ 22.00	$ 8,756.00	$ 24.92	$ 9,918.16	$ 26.00	$ 10,348.00
90	618-6046	CONDT (PVC) (SCH 80) (2")	400	LF	$ 14.00	$ 5,600.00	$ 12.59	$ 5,036.00	$ 13.00	$ 5,200.00
91	618-6047	CONDT (PVC) (SCH 80) (2") (BORE)	335	LF	$ 26.00	$ 8,710.00	$ 28.85	$ 9,664.75	$ 30.00	$ 10,050.00
92	618-6053	CONDT (PVC) (SCH 80) (3")	130	LF	$ 17.00	$ 2,210.00	$ 15.74	$ 2,046.20	$ 15.00	$ 1,950.00
93	618-6054	CONDT (PVC) (SCH 80) (3") (BORE)	740	LF	$ 27.00	$ 19,980.00	$ 32.52	$ 24,064.80	$ 34.00	$ 25,160.00
94	618-6066	CONDT (RM) (1 1/4")	161	LF	$ 26.00	$ 4,186.00	$ 50.62	$ 8,149.82	$ 52.00	$ 8,372.00
95	620-6007	ELEC CONDR (NO.8) BARE	2,964	LF	$ 1.10	$ 3,260.40	$ 1.10	$ 3,260.40	$ 1.10	$ 3,260.40
96	620-6008	ELEC CONDR (NO.8) INSULATED	5,048	LF	$ 1.40	$ 7,067.20	$ 1.31	$ 6,612.88	$ 1.35	$ 6,814.80
97	621-6002	TRAY CABLE (3 CONDR) (12 AWG)	860	LF	$ 1.70	$ 1,462.00	$ 3.15	$ 2,709.00	$ 3.25	$ 2,795.00
98	624-6002	GROUND BOX TY A (122311) W/APRON	12	EA	$ 1,500.00	$ 18,000.00	$ 891.76	$ 10,701.12	$ 925.00	$ 11,100.00
99	624-6010	GROUND BOX TY D (162922)W/APRON	5	EA	$ 1,200.00	$ 6,000.00	$ 996.68	$ 4,983.40	$ 1,000.00	$ 5,000.00
100	628-6044	ELC SRV TY A 240/480 060(NS)SS(E)PS(U)	2	EA	$ 5,800.00	$ 11,600.00	$ 5,980.06	$ 11,960.12	$ 6,200.00	$ 12,400.00
101	628-6164	ELC SRV TY D 120/240 070(NS)AL(E)PS(U)	1	EA	$ 4,000.00	$ 4,000.00	$ 5,770.23	$ 5,770.23	$ 6,200.00	$ 6,200.00
102	644-6001	IN SM RD SN SUP&AM TY10BWG(1) SA(P)	16	EA	$ 450.00	$ 7,200.00	$ 320.00	$ 5,120.00	$ 450.00	$ 7,200.00
103	644-6004	IN SM RD SN SUP&AM TY10BWG(1) SA(T)	20	EA	$ 525.00	$ 10,500.00	$ 425.00	$ 8,500.00	$ 550.00	$ 11,000.00
104	644-6012	IN SM RD SN SUP&AM TY10BWG(1)SB(T)	1	EA	$ 700.00	$ 700.00	$ 425.00	$ 425.00	$ 610.00	$ 610.00
105	644-6030	IN SM RD SN SUP&AM TYS80(1)SA(T)	10	EA	$ 625.00	$ 6,250.00	$ 520.00	$ 5,200.00	$ 800.00	$ 8,000.00
106	644-6066	IN SM RD SN SUP&AM (RAIL MOUNT)	5	EA	$ 2,500.00	$ 12,500.00	$ 2,738.46	$ 13,692.30	$ 3,000.00	$ 15,000.00
107	644-6076	REMOVE SM RD SN SUP&AM	10	EA	$ 85.00	$ 850.00	$ 65.00	$ 650.00	$ 70.00	$ 700.00
108	658-6004	INSTL DEL ASSM (D-SW)SZ 1(FLX)SRF	37	EA	$ 85.00	$ 3,145.00	$ 48.74	$ 1,803.38	$ 52.00	$ 1,924.00
109	658-6005	INSTL DEL ASSM (D-SW)SZ 1(FLX)SRF(BI)	31	EA	$ 60.00	$ 1,860.00	$ 49.82	$ 1,544.42	$ 53.00	$ 1,643.00
110	658-6014	INSTL DEL ASSM (D-SW)SZ (BR)CTB (BI)	112	EA	$ 22.00	$ 2,464.00	$ 9.75	$ 1,092.00	$ 10.50	$ 1,176.00
111	658-6047	INSTL OM ASSM (OM-2Y)(WC)GND	7	EA	$ 50.00	$ 350.00	$ 13.49	$ 94.43	$ 15.00	$ 105.00
112	658-6061	INSTL DEL ASSM (D-SW)SZ 1(BRF)GF2	29	EA	$ 20.00	$ 580.00	$ 40.99	$ 1,188.71	$ 42.00	$ 1,218.00
113	666-6006	REFL PAV MRK TY I (W)4"(DOT) (100MIL)	56	LF	$ 0.90	$ 50.40	$ 0.84	$ 47.04	$ 0.65	$ 36.40
114	666-6036	REFL PAV MRK TY I (W)8"(SLD) (100MIL)	4,176	LF	$ 0.80	$ 3,340.80	$ 0.63	$ 2,630.88	$ 1.30	$ 5,428.80
115	666-6048	REFL PAV MRK TY I (W)24"(SLD) (100MIL)	202	LF	$ 6.00	$ 1,212.00	$ 5.26	$ 1,062.52	$ 4.50	$ 909.00
116	666-6054	REFL PAV MRK TY I (W)(ARROW) (100MIL)	28	EA	$ 115.00	$ 3,220.00	$ 105.23	$ 2,946.44	$ 87.00	$ 2,436.00
117	666-6078	REFL PAV MRK TY I (W)(WORD) (100MIL)	28	EA	$ 150.00	$ 4,200.00	$ 126.27	$ 3,535.56	$ 118.00	$ 3,304.00

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BID ITEM	TECH SPEC	DESCRIPTION	BID QUANTITY	UNIT MEASURE	Engineer's Estimate		James Construction		Jordan Foster Construction	
					UNIT COST	AMOUNT BID	UNIT COST	AMOUNT BID	UNIT COST	AMOUNT BID
118	666-6102	REF PAV MRK TY I(W)36"(YLD TRI)(100MIL)	20	EA	$ 34.00	$ 680.00	$ 42.09	$ 841.80	$ 50.00	$ 1,000.00
119	666-6147	REFL PAV MRK TY I (Y) 24"(SLD) (100MIL)	164	LF	$ 8.00	$ 1,312.00	$ 5.26	$ 862.64	$ 4.50	$ 738.00
120	666-6168	REFL PAV MRK TY II (W) 4" (DOT)	56	LF	$ 0.60	$ 33.60	$ 0.68	$ 38.08	$ 0.45	$ 25.20
121	666-6170	REFL PAV MRK TY II (W) 4" (SLD)	4,130	LF	$ 0.10	$ 413.00	$ 0.47	$ 1,941.10	$ 0.40	$ 1,652.00
122	666-6178	REFL PAV MRK TY II (W) 8" (SLD)	422	LF	$ 0.30	$ 126.60	$ 0.84	$ 354.48	$ 0.80	$ 337.60
123	666-6184	REFL PAV MRK TY II (W) (ARROW)	1	EA	$ 60.00	$ 60.00	$ 42.09	$ 42.09	$ 52.00	$ 52.00
124	666-6192	REFL PAV MRK TY II (W) (WORD)	1	EA	$ 75.00	$ 75.00	$ 47.35	$ 47.35	$ 75.00	$ 75.00
125	666-6207	REFL PAV MRK TY II (Y) 4" (SLD)	936	LF	$ 0.10	$ 93.60	$ 0.53	$ 496.08	$ 0.40	$ 374.40
126	666-6214	REFL PAV MRK TY II (Y) 24" (SLD)	89	LF	$ 3.00	$ 267.00	$ 3.16	$ 281.24	$ 4.30	$ 382.70
127	666-6282	REF PROF PAV MRK TY I(W)4"(SLD)(060MIL)	15,518	LF	$ 0.40	$ 6,207.20	$ 0.74	$ 11,483.32	$ 0.75	$ 11,638.50
128	666-6287	REF PROF PAV MRK TY I(Y)4"(SLD)(090MIL)	16,301	LF	$ 0.50	$ 8,150.50	$ 0.79	$ 12,877.79	$ 0.75	$ 12,225.75
129	666-6303	RE PM W/RET REQ TY I (W)4"(SLD) (100MIL)	4,749	LF	$ 0.30	$ 1,424.70	$ 0.38	$ 1,804.62	$ 0.85	$ 4,036.65
130	666-6315	RE PM W/RET REQ TY I (Y)4"(SLD) (100MIL)	5,457	LF	$ 0.30	$ 1,637.10	$ 0.38	$ 2,073.66	$ 0.85	$ 4,638.45
131	672-6007	REFL PAV MRKR TY I-C	564	EA	$ 3.30	$ 1,861.20	$ 3.16	$ 1,782.24	$ 3.10	$ 1,748.40
132	672-6009	REFL PAV MRKR TY II-A-A	582	EA	$ 3.30	$ 1,920.60	$ 3.16	$ 1,839.12	$ 3.10	$ 1,804.20
133	672-6010	REFL PAV MRKR TY II-C-R	95	EA	$ 3.30	$ 313.50	$ 3.16	$ 300.20	$ 3.10	$ 294.50
134	677-6001	ELIM EXT PAV MRK & MRKS (4")	1,745	LF	$ 0.80	$ 1,396.00	$ 1.05	$ 1,832.25	$ 0.85	$ 1,483.25
135	677-6007	ELIM EXT PAV MRK & MRKS (24")	199	LF	$ 5.50	$ 1,094.50	$ 5.26	$ 1,046.74	$ 3.50	$ 696.50
135a	677-6008	ELIM EXT PAV MRK & MRKS (ARROW)	1	EA	$ 110.00	$ 110.00	$ 105.23	$ 105.23	$ 29.00	$ 29.00
135b	677-6012	ELIM EXT PAV MRK & MRKS (WORDS)	1	EA	$ 120.00	$ 120.00	$ 105.23	$ 105.23	$ 29.00	$ 29.00
136	680-6002	INSTALL HWY TRF SIG (ISOLATED)	1	EA	$ 7,000.00	$ 7,000.00	$ 7,186.56	$ 7,186.56	$ 7,400.00	$ 7,400.00
137	685-6004	INSTL RDSD FLSH BCN ASSM (SOLAR PWRD)	4	EA	$ 7,000.00	$ 28,000.00	$ 7,081.65	$ 28,326.60	$ 7,200.00	$ 28,800.00
138	686-6040	INS TRF SIG PL AM(S)1 ARM(36')LUM&ILSN	1	EA	$ 6,000.00	$ 6,000.00	$ 9,861.85	$ 9,861.85	$ 10,000.00	$ 10,000.00
139	686-6044	INS TRF SIG PL AM(S)1 ARM(40')LUM&ILSN	1	EA	$ 7,000.00	$ 7,000.00	$ 10,333.96	$ 10,333.96	$ 10,800.00	$ 10,800.00
140	686-6048	INS TRF SIG PL AM(S)1 ARM(44')LUM&ILSN	2	EA	$ 7,000.00	$ 14,000.00	$ 10,465.11	$ 20,930.22	$ 11,000.00	$ 22,000.00
141	740-6005	ANTI - GRAFFITI COATNG (PERMNENT-TY III)	2,690	SF	$ 1.10	$ 2,959.00	$ 3.00	$ 8,070.00	$ 1.65	$ 4,438.50
142	6090-6002	ILSN (LED) (8 D)	4	EA	$ 3,000.00	$ 12,000.00	$ 3,435.91	$ 13,743.64	$ 3,500.00	$ 14,000.00
143	S2-BD	BOULDER DELINEATION	8,051	LF	$ 4.00	$ 32,204.00	$ 4.56	$ 36,712.56	$ 3.45	$ 27,775.95
144	S2-GA	GATE ATTENDANT	5,600	HR	$ 20.00	$ 112,000.00	$ 22.67	$ 126,952.00	$ 22.00	$ 123,200.00
145	S2-RC	ROCK CUT	56,312	SF	$ 4.50	$ 253,404.00	$ 3.07	$ 172,877.84	$ 1.50	$ 84,468.00

NON-BID ITEMS TO BE INCLUDED IN BID AND CONTRACT AMOUNT

146	999-WC01	FORCE ACCOUNT	100,000	DOL	$1.00	$100,000.00	$1.00	$100,000.00	$1.00	$100,000.00
147	341-WC01	FORCE ACCOUNT - ESTIMATED PLACEMENT AND PRODUCTION BONUS/PENALTY (TY B)	30,000	DOL	$1.00	$30,000.00	$1.00	$30,000.00	$1.00	$30,000.00
148	341-WC02	FORCE ACCOUNT - ESTIMATED PLACEMENT AND PRODUCTION BONUS/PENALTY (TY D SURFACE)	40,000	DOL	$1.00	$40,000.00	$1.00	$40,000.00	$1.00	$40,000.00
149	585-WC01	FORCE ACCOUNT - ESTIMATED RIDE QUALITY BONUS/PENALTY	10,000	DOL	$1.00	$10,000.00	$1.00	$10,000.00	$1.00	$10,000.00

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BID ITEM	TECH SPEC	DESCRIPTION	BID QUANTITY	UNIT MEASURE	Engineer's Estimate		James Construction		Jordan Foster Construction	
					UNIT COST	AMOUNT BID	UNIT COST	AMOUNT BID	UNIT COST	AMOUNT BID
		TOTAL COST ADJUSTED FOR CORRECTNESS				**$ 11,001,176.05**		**$ 8,087,943.77**		**$ 8,178,210.73**
		ACTUAL BID PROPOSAL				$11,001,176.05		$8,087,943.77		$8,178,210.73
		ADJUSTMENT DIFFERENCE				$0.00		$0.00		$0.00
		Bid Bond						Y		Y
		Bid Affidavit						Y		Y
		Conflict of Interest Questionnaire						Y		Y
		Bidder References (Minimum of Three)						Y		Y

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BID ITEM	TECH SPEC	DESCRIPTION	BID QUANTITY	UNIT MEASURE	Capital Excavation		Aaron Concrete Contractors	
					UNIT COST	AMOUNT BID	UNIT COST	AMOUNT BID
1	100-6002	PREPARING ROW	94	STA	$ 2,000.00	$ 188,000.00	$ 1,100.00	$ 103,400.00
2	104-6001	REMOVING CONC (PAV)	5	SY	$ 30.00	$ 150.00	$ 220.00	$ 1,100.00
3	104-6013	REMOVING CONC (FOUNDATIONS)	582	SY	$ 15.00	$ 8,730.00	$ 33.00	$ 19,206.00
4	105-6011	REMOVING STAB BASE AND ASPH PAV (2"-6")	715	SY	$ 7.00	$ 5,005.00	$ 23.00	$ 16,445.00
5	110-6001	EXCAVATION (ROADWAY)	171,443	CY	$ 7.00	$ 1,200,101.00	$ 9.00	$ 1,542,987.00
6	132-6005	EMBANKMENT (FINAL)(ORD COMP)(TY C)	123,229	CY	$ 2.10	$ 258,780.90	$ 5.00	$ 616,145.00
7	132-6006	EMBANKMENT (FINAL)(DENS CONT)(TY C)	37,034	CY	$ 22.00	$ 814,748.00	$ 14.00	$ 518,476.00
8	160-6005	FURNISHING AND PLACING TOPSOIL	4,393	CY	$ 10.00	$ 43,930.00	$ 20.00	$ 87,860.00
9	161-6017	COMPOST MANUF TOPSOIL (4")	42,306	SY	$ 1.00	$ 42,306.00	$ 2.50	$ 105,765.00
10	164-6009	BROADCAST SEED (TEMP) (WARM)	21,154	SY	$ 0.12	$ 2,538.48	$ 0.20	$ 4,230.80
11	164-6011	BROADCAST SEED (TEMP) (COOL)	21,154	SY	$ 0.12	$ 2,538.48	$ 0.20	$ 4,230.80
12	164-6023	CELL FBR MLCH SEED(PERM) (RURAL)(CLAY)	42,306	SY	$ 0.22	$ 9,307.32	$ 0.30	$ 12,691.80
13	168-6001	VEGETATIVE WATERING	6,982	MG	$ 10.00	$ 69,820.00	$ 35.00	$ 244,370.00
14	169-6001	SOIL RETENTION BLANKETS (CL 1) (TY A)	17,219	SY	$ 1.23	$ 21,179.37	$ 1.40	$ 24,106.60
15	247-6041	FL BS (CMP IN PLC) (TYA GR1&2) (FNAL POS)	9,891	CY	$ 30.00	$ 296,730.00	$ 63.00	$ 623,133.00
16	310-6027	PRIME COAT(MC-30 OR AE-P)	5,455	GAL	$ 3.80	$ 20,729.00	$ 3.50	$ 19,092.50
17	340-6242	D-GR HMA(SQ)TY-B OR D PG64-22(LVL-UP)	829	TON	$ 87.00	$ 72,123.00	$ 82.00	$ 67,978.00
18	341-6008	D-GR HMA TY-B PG64-22	4,703	TON	$ 63.00	$ 296,289.00	$ 77.00	$ 362,131.00
19	341-6042	D-GR HMA TY-D SAC-B PG70-22	6,451	TON	$ 85.00	$ 548,335.00	$ 102.00	$ 658,002.00
20	354-6021	PLANE ASPH CONC PAV(0" TO 2")	8,882	SY	$ 3.00	$ 26,646.00	$ 1.70	$ 15,099.40
21	400-6005	CEM STABIL BKFL	224	CY	$ 125.00	$ 28,000.00	$ 190.00	$ 42,560.00
22	401-6001	FLOWABLE BACKFILL	167	CY	$ 125.00	$ 20,875.00	$ 335.00	$ 55,945.00
23	416-6001	DRILL SHAFT (18 IN)	119	LF	$ 92.00	$ 10,948.00	$ 129.00	$ 15,351.00
24	416-6005	DRILL SHAFT (42 IN)	672	LF	$ 180.00	$ 120,960.00	$ 622.00	$ 417,984.00
25	416-6029	DRILL SHAFT (RDWY ILL POLE) (30 IN)	32	LF	$ 264.00	$ 8,448.00	$ 285.00	$ 9,120.00
26	416-6032	DRILL SHAFT (TRF SIG POLE) (36 IN)	52	LF	$ 317.00	$ 16,484.00	$ 345.00	$ 17,940.00
27	420-6007	CL A CONC (FLUME)	1	CY	$ 615.00	$ 615.00	$ 1,760.00	$ 1,760.00
28	420-6013	CL C CONC (ABUT)	74.1	CY	$ 700.00	$ 51,870.00	$ 892.00	$ 66,097.20
29	420-6029	CL C CONC (CAP)	135	CY	$ 675.00	$ 91,125.00	$ 774.00	$ 104,490.00
30	420-6037	CL C CONC (COLUMN)	148.4	CY	$ 715.00	$ 106,106.00	$ 950.00	$ 140,980.00
31	420-6074	CL C CONC (MISC)	86.4	CY	$ 500.00	$ 43,200.00	$ 551.00	$ 47,606.40
32	422-6001	REINF CONC SLAB	35,280	SF	$ 15.00	$ 529,200.00	$ 19.00	$ 670,320.00
33	422-6015	APPROACH SLAB	75.4	CY	$ 500.00	$ 37,700.00	$ 750.00	$ 56,550.00
34	423-RW05	RETAINING WALL (MSE) (ASHLAR STONE FIN)	2,690	SF	$ 58.00	$ 156,020.00	$ 62.00	$ 166,780.00
35	423-RW06	RETAINING WALL (MSE) (ASHLAR STONE FIN)	2,416	SF	$ 80.00	$ 193,280.00	$ 94.00	$ 227,104.00
36	425-6040	PRESTR CONC GIRDER (TX62)	3,587.05	LF	$ 155.00	$ 555,992.75	$ 185.00	$ 663,604.25
37	431-8001	PNEUMATICALLY PLACED CONC (ROCK FACIA)	625	SY	$ 100.00	$ 62,500.00	$ 660.00	$ 412,500.00
38	432-6001	RIPRAP (CONC)(4 IN)	82	CY	$ 500.00	$ 41,000.00	$ 528.00	$ 43,296.00
39	432-6033	RIPRAP (STONE PROTECTION)(18 IN)	184	CY	$ 78.21	$ 14,390.64	$ 150.00	$ 27,600.00

Williamson County Road Bond Program
1803-219 Southwest Bypass Segment 2
HNTB Bid Tabulation
May 9, 2018

BID ITEM	TECH SPEC	DESCRIPTION	BID QUANTITY	UNIT MEASURE	Capital Excavation		Aaron Concrete Contractors	
					UNIT COST	AMOUNT BID	UNIT COST	AMOUNT BID
40	432-6045	RIPRAP (MOW STRIP)(4 IN)	33	CY	$ 600.00	$ 19,800.00	$ 540.00	$ 17,820.00
41	432-8001	RIPRAP (STONE PROTECTION)(8 IN) (TY I)	877	CY	$ 60.00	$ 52,620.00	$ 110.00	$ 96,470.00
42	432-8002	RIPRAP (STONE PROTECTION)(8 IN) (TY II)	9,178	CY	$ 39.00	$ 357,942.00	$ 90.00	$ 826,020.00
43	450-6023	RAIL (TY SSTR)	1,782	LF	$ 52.00	$ 92,664.00	$ 70.00	$ 124,740.00
44	454-6001	SEALED EXPANSION JOINT (4 IN) (SEJ - A)	144	LF	$ 100.00	$ 14,400.00	$ 116.00	$ 16,704.00
45	464-6005	RC PIPE (CL III)(24 IN)	84	LF	$ 90.00	$ 7,560.00	$ 140.00	$ 11,760.00
46	464-6007	RC PIPE (CL III)(30 IN)	168	LF	$ 90.00	$ 15,120.00	$ 160.00	$ 26,880.00
47	464-6008	RC PIPE (CL III)(36 IN)	360	LF	$ 145.00	$ 52,200.00	$ 185.00	$ 66,600.00
48	464-6018	RC PIPE (CL IV)(24 IN)	310	LF	$ 80.00	$ 24,800.00	$ 155.00	$ 48,050.00
49	464-6026	RC PIPE (CL V)(24 IN)	264	LF	$ 90.00	$ 23,760.00	$ 160.00	$ 42,240.00
50	466-6005	HEADWALL (CH - FW - 0) (DIA= 24 IN)	1	EA	$ 3,000.00	$ 3,000.00	$ 16,000.00	$ 16,000.00
51	466-6130	HEADWALL (CH - PW - S) (DIA= 24 IN)	1	EA	$ 4,000.00	$ 4,000.00	$ 20,000.00	$ 20,000.00
52	467-6001	SET (PIPE RUNNER ASSEMBLY)	1	EA	$ 11,000.00	$ 11,000.00	$ 3,300.00	$ 3,300.00
53	467-6388	SET (TY II) (24 IN) (RCP) (3: 1) (C)	1	EA	$ 2,000.00	$ 2,000.00	$ 1,700.00	$ 1,700.00
54	467-6390	SET (TY II) (24 IN) (RCP) (4: 1) (C)	1	EA	$ 2,000.00	$ 2,000.00	$ 2,300.00	$ 2,300.00
55	467-6394	SET (TY II) (24 IN) (RCP) (6: 1) (C)	2	EA	$ 2,000.00	$ 4,000.00	$ 1,900.00	$ 3,800.00
56	467-6419	SET (TY II) (30 IN) (RCP) (4: 1) (C)	2	EA	$ 2,000.00	$ 4,000.00	$ 2,700.00	$ 5,400.00
57	467-6422	SET (TY II) (30 IN) (RCP) (6: 1) (C)	2	EA	$ 2,000.00	$ 4,000.00	$ 3,000.00	$ 6,000.00
58	467-6448	SET (TY II) (36 IN) (RCP) (3: 1) (C)	3	EA	$ 3,000.00	$ 9,000.00	$ 3,300.00	$ 9,900.00
59	467-6453	SET (TY II) (36 IN) (RCP) (6: 1) (C)	3	EA	$ 3,000.00	$ 9,000.00	$ 3,800.00	$ 11,400.00
60	496-6039	REMOV STR (BUILDING)	2	EA	$ 5,000.00	$ 10,000.00	$ 8,500.00	$ 17,000.00
61	496-6043	REMOV STR (SMALL FENCE)	1,566	LF	$ 4.00	$ 6,264.00	$ 1.00	$ 1,566.00
62	500-6001	MOBILIZATION	1	LS	$ 900,000.00	$ 900,000.00	$ 650,000.00	$ 650,000.00
63	502-6001	BARRICADES, SIGNS AND TRAFFIC HANDLING	14	MO	$ 1,000.00	$ 14,000.00	$ 1,500.00	$ 21,000.00
64	506-6002	ROCK FILTER DAMS (INSTALL) (TY 2)	200	LF	$ 20.00	$ 4,000.00	$ 25.00	$ 5,000.00
65	506-6011	ROCK FILTER DAMS (REMOVE)	387	LF	$ 6.00	$ 2,322.00	$ 10.00	$ 3,870.00
66	506-6020	CONSTRUCTION EXITS (INSTALL) (TY 1)	160	SY	$ 14.00	$ 2,240.00	$ 13.00	$ 2,080.00
67	506-6024	CONSTRUCTION EXITS (REMOVE)	160	SY	$ 6.00	$ 960.00	$ 10.00	$ 1,600.00
68	506-6038	TEMP SEDMT CONT FENCE (INSTALL)	5,297	LF	$ 2.00	$ 10,594.00	$ 2.40	$ 12,712.80
69	506-6039	TEMP SEDMT CONT FENCE (REMOVE)	8,539	LF	$ 0.10	$ 853.90	$ 0.60	$ 5,123.40
70	506-8002	REMOVE ROCK	7,383	SY	$ 3.00	$ 22,149.00	$ 2.80	$ 20,672.40
71	512-6005	PORT CTB (FUR & INST)(F-SHAPE)(TY 1)	1,440	LF	$ 50.00	$ 72,000.00	$ 78.00	$ 112,320.00
72	529-6007	CONC CURB & GUTTER (TY I)	4,940	LF	$ 13.00	$ 64,220.00	$ 14.00	$ 69,160.00
73	529-6008	CONC CURB & GUTTER (TY II)	429	LF	$ 18.00	$ 7,722.00	$ 22.00	$ 9,438.00
74	531-6017	CURB RAMPS (TY 22)	4	EA	$ 3,500.00	$ 14,000.00	$ 2,400.00	$ 9,600.00
75	540-6001	MTL W-BEAM GD FEN (TIM POST)	237.5	LF	$ 22.00	$ 5,225.00	$ 25.00	$ 5,937.50
76	540-6006	MTL BEAM GD FEN TRANS (THRIE-BEAM)	4	EA	$ 1,300.00	$ 5,200.00	$ 1,700.00	$ 6,800.00
77	540-6016	DOWNSTREAM ANCHOR TERMINAL SECTION	1	EA	$ 1,000.00	$ 1,000.00	$ 990.00	$ 990.00
78	544-6001	GUARDRAIL END TREATMENT (INSTALL)	3	EA	$ 2,500.00	$ 7,500.00	$ 2,600.00	$ 7,800.00

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BID ITEM	TECH SPEC	DESCRIPTION	BID QUANTITY	UNIT MEASURE	Capital Excavation		Aaron Concrete Contractors	
					UNIT COST	AMOUNT BID	UNIT COST	AMOUNT BID
79	550-6001	CHAIN LINK FENCE (INSTALL) (6')	116	LF	$ 28.00	$ 3,248.00	$ 85.00	$ 9,860.00
80	550-6006	GATE (REMOVE)	2	EA	$ 250.00	$ 500.00	$ 170.00	$ 340.00
81	552-8001	WIRE FENCE	15,416	LF	$ 12.00	$ 184,992.00	$ 4.00	$ 61,664.00
82	552-8002	GALVANIZED TUBE GATE	5	EA	$ 1,000.00	$ 5,000.00	$ 170.00	$ 850.00
83	556-6006	PIPE UNDERDRAINS (TY 6) (6")	215	LF	$ 35.00	$ 7,525.00	$ 83.00	$ 17,845.00
84	610-6105	IN RD IL (U/P) (TY 1) (250W EQ) LED	8	EA	$ 2,700.00	$ 21,600.00	$ 2,900.00	$ 23,200.00
85	610-6290	IN RD IL (TY SA) 50T-12 (400W EQ) LED	2	EA	$ 5,000.00	$ 10,000.00	$ 5,300.00	$ 10,600.00
86	610-6291	IN RD IL (TY SA) 50T-12-12(400W EQ)LED	2	EA	$ 6,000.00	$ 12,000.00	$ 6,100.00	$ 12,200.00
87	618-6023	CONDT (PVC) (SCH 40) (2")	9,808	LF	$ 12.00	$ 117,696.00	$ 13.00	$ 127,504.00
88	618-6024	CONDT (PVC) (SCH 40) (2") (BORE)	778	LF	$ 28.00	$ 21,784.00	$ 30.00	$ 23,340.00
89	618-6025	CONDT (PVC) (SCH 40) (2") (CONC ENCSE)	398	LF	$ 26.00	$ 10,348.00	$ 28.00	$ 11,144.00
90	618-6046	CONDT (PVC) (SCH 80) (2")	400	LF	$ 13.00	$ 5,200.00	$ 14.00	$ 5,600.00
91	618-6047	CONDT (PVC) (SCH 80) (2") (BORE)	335	LF	$ 30.00	$ 10,050.00	$ 32.00	$ 10,720.00
92	618-6053	CONDT (PVC) (SCH 80) (3")	130	LF	$ 16.00	$ 2,080.00	$ 18.00	$ 2,340.00
93	618-6054	CONDT (PVC) (SCH 80) (3") (BORE)	740	LF	$ 33.00	$ 24,420.00	$ 36.00	$ 26,640.00
94	618-6066	CONDT (RM) (1 1/4")	161	LF	$ 52.00	$ 8,372.00	$ 56.00	$ 9,016.00
95	620-6007	ELEC CONDR (NO.8) BARE	2,964	LF	$ 1.00	$ 2,964.00	$ 1.25	$ 3,705.00
96	620-6008	ELEC CONDR (NO.8) INSULATED	5,048	LF	$ 2.00	$ 10,096.00	$ 1.50	$ 7,572.00
97	621-6002	TRAY CABLE (3 CONDR) (12 AWG)	860	LF	$ 3.00	$ 2,580.00	$ 3.50	$ 3,010.00
98	624-6002	GROUND BOX TY A (122311) W/APRON	12	EA	$ 915.00	$ 10,980.00	$ 990.00	$ 11,880.00
99	624-6010	GROUND BOX TY D (162922)W/APRON	5	EA	$ 1,000.00	$ 5,000.00	$ 1,100.00	$ 5,500.00
100	628-6044	ELC SRV TY A 240/480 060(NS)SS(E)PS(U)	2	EA	$ 6,200.00	$ 12,400.00	$ 6,600.00	$ 13,200.00
101	628-6164	ELC SRV TY D 120/240 070(NS)AL(E)PS(U)	1	EA	$ 6,000.00	$ 6,000.00	$ 6,400.00	$ 6,400.00
102	644-6001	IN SM RD SN SUP&AM TY10BWG(1) SA(P)	16	EA	$ 425.00	$ 6,800.00	$ 460.00	$ 7,360.00
103	644-6004	IN SM RD SN SUP&AM TY10BWG(1) SA(T)	20	EA	$ 506.00	$ 10,120.00	$ 550.00	$ 11,000.00
104	644-6012	IN SM RD SN SUP&AM TY10BWG(1)SB(T)	1	EA	$ 555.00	$ 555.00	$ 605.00	$ 605.00
105	644-6030	IN SM RD SN SUP&AM TYS80(1)SA(T)	10	EA	$ 735.00	$ 7,350.00	$ 806.00	$ 8,060.00
106	644-6066	IN SM RD SN SUP&AM (RAIL MOUNT)	5	EA	$ 2,800.00	$ 14,000.00	$ 3,550.00	$ 17,750.00
107	644-6076	REMOVE SM RD SN SUP&AM	10	EA	$ 65.00	$ 650.00	$ 170.00	$ 1,700.00
108	658-6004	INSTL DEL ASSM (D-SW)SZ 1(FLX)SRF	37	EA	$ 50.00	$ 1,850.00	$ 84.00	$ 3,108.00
109	658-6005	INSTL DEL ASSM (D-SW)SZ 1(FLX)SRF(BI)	31	EA	$ 50.00	$ 1,550.00	$ 84.00	$ 2,604.00
110	658-6014	INSTL DEL ASSM (D-SW)SZ (BR)CTB (BI)	112	EA	$ 10.00	$ 1,120.00	$ 12.00	$ 1,344.00
111	658-6047	INSTL OM ASSM (OM-2Y)(WC)GND	7	EA	$ 15.00	$ 105.00	$ 50.00	$ 350.00
112	658-6061	INSTL DEL ASSM (D-SW)SZ 1(BRF)GF2	29	EA	$ 41.00	$ 1,189.00	$ 17.00	$ 493.00
113	666-6006	REFL PAV MRK TY I (W)4"(DOT) (100MIL)	56	LF	$ 1.00	$ 56.00	$ 0.70	$ 39.20
114	666-6036	REFL PAV MRK TY I (W)8"(SLD) (100MIL)	4,176	LF	$ 1.20	$ 5,011.20	$ 1.40	$ 5,846.40
115	666-6048	REFL PAV MRK TY I (W)24"(SLD) (100MIL)	202	LF	$ 5.00	$ 1,010.00	$ 5.00	$ 1,010.00
116	666-6054	REFL PAV MRK TY I (W)(ARROW) (100MIL)	28	EA	$ 80.00	$ 2,240.00	$ 91.00	$ 2,548.00
117	666-6078	REFL PAV MRK TY I (W)(WORD) (100MIL)	28	EA	$ 105.00	$ 2,940.00	$ 120.00	$ 3,360.00

Williamson County Road Bond Program
1803-219 Southwest Bypass Segment 2
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BID ITEM	TECH SPEC	DESCRIPTION	BID QUANTITY	UNIT MEASURE	Capital Excavation		Aaron Concrete Contractors	
					UNIT COST	AMOUNT BID	UNIT COST	AMOUNT BID
118	666-6102	REF PAV MRK TY I(W)36"(YLD TRI)(100MIL)	20	EA	$ 45.00	$ 900.00	$ 51.00	$ 1,020.00
119	666-6147	REFL PAV MRK TY I (Y) 24"(SLD) (100MIL)	164	LF	$ 5.00	$ 820.00	$ 5.00	$ 820.00
120	666-6168	REFL PAV MRK TY II (W) 4" (DOT)	56	LF	$ 1.00	$ 56.00	$ 0.50	$ 28.00
121	666-6170	REFL PAV MRK TY II (W) 4" (SLD)	4,130	LF	$ 0.50	$ 2,065.00	$ 0.45	$ 1,858.50
122	666-6178	REFL PAV MRK TY II (W) 8" (SLD)	422	LF	$ 1.00	$ 422.00	$ 0.80	$ 337.60
123	666-6184	REFL PAV MRK TY II (W) (ARROW)	1	EA	$ 45.00	$ 45.00	$ 51.00	$ 51.00
124	666-6192	REFL PAV MRK TY II (W) (WORD)	1	EA	$ 65.00	$ 65.00	$ 74.00	$ 74.00
125	666-6207	REFL PAV MRK TY II (Y) 4" (SLD)	936	LF	$ 0.50	$ 468.00	$ 0.40	$ 374.40
126	666-6214	REFL PAV MRK TY II (Y) 24" (SLD)	89	LF	$ 4.00	$ 356.00	$ 4.30	$ 382.70
127	666-6282	REF PROF PAV MRK TY I(W)4"(SLD)(060MIL)	15,518	LF	$ 0.70	$ 10,862.60	$ 0.80	$ 12,414.40
128	666-6287	REF PROF PAV MRK TY I(Y)4"(SLD)(090MIL)	16,301	LF	$ 0.70	$ 11,410.70	$ 0.80	$ 13,040.80
129	666-6303	RE PM W/RET REQ TY I (W)4"(SLD) (100MIL)	4,749	LF	$ 0.80	$ 3,799.20	$ 0.85	$ 4,036.65
130	666-6315	RE PM W/RET REQ TY I (Y)4"(SLD) (100MIL)	5,457	LF	$ 0.80	$ 4,365.60	$ 0.85	$ 4,638.45
131	672-6007	REFL PAV MRKR TY I-C	564	EA	$ 3.00	$ 1,692.00	$ 3.10	$ 1,748.40
132	672-6009	REFL PAV MRKR TY II-A-A	582	EA	$ 3.00	$ 1,746.00	$ 3.10	$ 1,804.20
133	672-6010	REFL PAV MRKR TY II-C-R	95	EA	$ 3.00	$ 285.00	$ 3.10	$ 294.50
134	677-6001	ELIM EXT PAV MRK & MRKS (4")	1,745	LF	$ 0.80	$ 1,396.00	$ 0.90	$ 1,570.50
135	677-6007	ELIM EXT PAV MRK & MRKS (24")	199	LF	$ 3.00	$ 597.00	$ 3.70	$ 736.30
135a	677-6008	ELIM EXT PAV MRK & MRKS (ARROW)	1	EA	$ 500.00	$ 500.00	$ 140.00	$ 140.00
135b	677-6012	ELIM EXT PAV MRK & MRKS (WORDS)	1	EA	$ 500.00	$ 500.00	$ 170.00	$ 170.00
136	680-6002	INSTALL HWY TRF SIG (ISOLATED)	1	EA	$ 7,400.00	$ 7,400.00	$ 8,000.00	$ 8,000.00
137	685-6004	INSTL RDSD FLSH BCN ASSM (SOLAR PWRD)	4	EA	$ 7,300.00	$ 29,200.00	$ 7,900.00	$ 31,600.00
138	686-6040	INS TRF SIG PL AM(S)1 ARM(36')LUM&ILSN	1	EA	$ 10,000.00	$ 10,000.00	$ 11,000.00	$ 11,000.00
139	686-6044	INS TRF SIG PL AM(S)1 ARM(40')LUM&ILSN	1	EA	$ 11,000.00	$ 11,000.00	$ 11,500.00	$ 11,500.00
140	686-6048	INS TRF SIG PL AM(S)1 ARM(44')LUM&ILSN	2	EA	$ 11,000.00	$ 22,000.00	$ 11,600.00	$ 23,200.00
141	740-6005	ANTI - GRAFFITI COATNG (PERMNENT-TY III)	2,690	SF	$ 2.00	$ 5,380.00	$ 1.70	$ 4,573.00
142	6090-6002	ILSN (LED) (8 D)	4	EA	$ 3,500.00	$ 14,000.00	$ 3,800.00	$ 15,200.00
143	S2-BD	BOULDER DELINEATION	8,051	LF	$ 10.00	$ 80,510.00	$ 52.00	$ 418,652.00
144	S2-GA	GATE ATTENDANT	5,600	HR	$ 12.00	$ 67,200.00	$ 41.00	$ 229,600.00
145	S2-RC	ROCK CUT	56,312	SF	$ 2.00	$ 112,624.00	$ 6.00	$ 337,872.00

NON-BID ITEMS TO BE INCLUDED IN BID AND CONTRACT AMOUNT

146	999-WC01	FORCE ACCOUNT	100,000	DOL	$1.00	$100,000.00	$1.00	$100,000.00
147	341-WC01	FORCE ACCOUNT - ESTIMATED PLACEMENT AND PRODUCTION BONUS/PENALTY (TY B)	30,000	DOL	$1.00	$30,000.00	$1.00	$30,000.00
148	341-WC02	FORCE ACCOUNT - ESTIMATED PLACEMENT AND PRODUCTION BONUS/PENALTY (TY D SURFACE)	40,000	DOL	$1.00	$40,000.00	$1.00	$40,000.00
149	585-WC01	FORCE ACCOUNT - ESTIMATED RIDE QUALITY BONUS/PENALTY	10,000	DOL	$1.00	$10,000.00	$1.00	$10,000.00

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BID ITEM	TECH SPEC	DESCRIPTION	BID QUANTITY	UNIT MEASURE	Capital Excavation		Aaron Concrete Contractors	
					UNIT COST	AMOUNT BID	UNIT COST	AMOUNT BID
		TOTAL COST ADJUSTED FOR CORRECTNESS				**$ 9,012,863.14**		**$ 12,341,836.85**
		ACTUAL BID PROPOSAL				$9,012,863.14		$12,341,836.85
		ADJUSTMENT DIFFERENCE				$0.00		$0.00
		Bid Bond				Y		Y
		Bid Affidavit				Y		Y
		Conflict of Interest Questionnaire				Y		Y
		Bidder References (Minimum of Three)				Y		Y

June 6, 2018

Reference: Williamson County, Texas
Southwest Bypass: Segment 2
Recommendation of Award Contract

Dear Kris Keith, P.E.,

On May 9, 2018, Williamson County opened bids for the above-referenced project. A tabulation of the four (4) responsive bids received is enclosed. The apparent low bidder was James Costruction Group, LLC. of Belton, Texas. A review of the apparent low bid revealed no discrepancies with the requirements specified in the Contract documents. James Construction Group's bid represents the lowest total project bid.

Significant items to note compared to the Engineer's Estimate provided by HDR are:

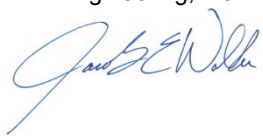
- Item 5 – Excavation
  - James Construction's bid price for excavation is $877,788.16 (51%) less than the engineer's estimate, which resulted from the previous SW Bypass, TxDOT Avg bid prices, and other Williamson County project bid tabs.
- Items 6&7 – Embankment
  - James Construction's bid price for embankment is $878,159.15 (64%) less than the engineer's estimate, which resulted from the previous SW Bypass, TxDOT Avg bid prices, and other Williamson County project bid tabs.
- Item 42 – Riprap (Stone Protection)(8 IN)(TY II)
  - James Construction's bid price for stone protection riprap is $408,512.78 (64%) less than the engineer's estimate, which resulted from the previous SW Bypass, TxDOT Avg bid prices, and other Williamson County project bid tabs.
- Item 62 – Mobilization
  - The mobilization was 19% less than estimated, resulting in $184,000 less than the engineer's estimate.
- Item S2-RC – Rock Cut
  - James Construction's bid price for rock cut is $80,526.16 (32%) less than the engineer's estimate.

The major differences in the engineer's estimate and the low bid price are associated with earthwork and stone riprap. This is not surprising as the unit price expectation of material re-usage from the quarry was estimated conservatively. HDR has reviewed the bid package as submitted by James Construction Group, LLC. and has found no exceptions to the bid as submitted. Based upon bid analysis, HDR recommends that Williamson County accept the bid from James Construction Group, LLC. in the amount as follows:

Bid Amount: $8,087,943.77

Please contact me if you have any questions regarding the award of this construction contract.

Sincerely,
HDR Engineering, Inc.



Jacob E. Walker, P.E.
Transportation Engineer
hdrinc.com

810 Hesters Crossing #120, Round Rock, TX 78681
T 512.685.2900 **F** 512.685.2901

Texas Registered Engineering Firm F-754

CERTIFICATE OF INTERESTED PARTIES

FORM 1295

Complete Nos. 1 - 4 and 6 if there are interested parties.
Complete Nos. 1, 2, 3, 5, and 6 if there are no interested parties.

OFFICE USE ONLY
CERTIFICATION OF FILING

Certificate Number:
2018-366858

Date Filed:
06/12/2018

Date Acknowledged:

1 Name of business entity filing form, and the city, state and country of the business entity's place of business.
James Construction Group
Belton, TX United States

2 Name of governmental entity or state agency that is a party to the contract for which the form is being filed.
Williamson County

3 Provide the identification number used by the governmental entity or state agency to track or identify the contract, and provide a description of the services, goods, or other property to be provided under the contract.
210301034
1803-219 Southwest Bypass Segment 2 - Award of Contract

4 Name of Interested Party	City, State, Country (place of business)	Nature of interest (check applicable)	
		Controlling	Intermediary

5 Check only if there is NO Interested Party. [X]

6 UNSWORN DECLARATION

My name is Matthew C Millet, and my date of birth is 12-3-65.

My address is 5880 W Hwy 190, Belton, TX, 76513, USA
(street) (city) (state) (zip code) (country)

I declare under penalty of perjury that the foregoing is true and correct.

Executed in Bell County, State of Texas, on the 12 day of June (month), 2018 (year).

CHRISTINE CORTEN
My Notary ID # 130615002
Expires April 11, 2020

Signature of authorized agent of contracting business entity
(Declarant)

Commissioners Court - Regular Session **46.**

Meeting Date: 06/19/2018

Approving Agreement With Carahsoft ServiceNow Asset

Submitted For: Randy Barker **Submitted By:** Thomas Skiles, Purchasing

Department: Purchasing

Agenda Category: Regular Agenda Items

Information

Agenda Item

Discuss, consider, and take appropriate action on approving an agreement between Carahsoft Technology Corp. and Williamson County, for ServiceNow Onboarding and Asset Implementation Services under GSA contract # GS-35F-0119Y in the amount of $76,859.00.

Background

The services requested by the Williamson County ITS Department for Onboarding and Asset Implementation Services utilizing ServiceNow are fully detailed in the attached statement of work. Funding source 01.0100.0503.004100/01.0100.0503.003011

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

ServiceNow SOW

Quote pdf

Form Review

Inbox	Reviewed By	Date
Purchasing (Originator)	Randy Barker	06/14/2018 11:28 AM
County Judge Exec Asst.	Wendy Coco	06/14/2018 11:34 AM
Form Started By: Thomas Skiles		Started On: 06/14/2018 10:00 AM
Final Approval Date: 06/14/2018		

CARAHSOFT 'S RESPONSE TO

Williamson County



ServiceNow Statement of Work

Carahsoft SOW ID #SN060618v3
Dated 6/7/18

Onboarding, and Asset Implementation Services

Thursday
June 7, 2018





CARAHSOFT TECHNOLOGY CORP.
1860 Michael Faraday Drive, Suite 100
RESTON, VA 20190

888.66.CARAH | WWW.CARAHSOFT .COM

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1. PROJECT DEFINITION

Project Definition
Williamson County ("Customer") would like to engage Carahsoft to implement Onboarding, Facilities, and Asset Management within ServiceNow for Williamson County (Wilco). Carahsoft will implement the following three main deliverables: Requirements Gathering Workshop • Carahsoft will facilitate a requirement gathering workshop to include two people onsite for two days for the areas defined below. Hardware Asset Management • Carahsoft will configure an Asset system for managing IT hardware assigned, and accessories (such as badges) assigned to each employee. (No Software Asset Management) • Carahsoft will create up to 2 reports and dashboards to make this visible to appropriate users. • Import of hardware asset data from the current systems of record utilizing a flat file from Oracle. Wilco will conduct necessary data preparation and be responsible for clean data so that only a single import is required. This import process will remain manual. • Will track via asset tag or serial via barcode for all assets over $500. • General hardware discovery (e.g. SCCM or other discovery tool) configuration is NOT in scope. Onboarding Management - The HR Onboarding Management Process requirements are as follows: <u>Kick Off – HR Generalist</u> • For Phase I, HRG notified of hire through current Neogov Process or by department/office • HRG fills out form template on ServiceNow that includes as many pre-filled drop-down menus as possible, to avoid possibilities for error. Will include the following information: 1. EE's preferred name or as stated in application 2. EE's personal email address 3. Hire Date 4. Hired Position title (would like a drop down of Oracle position titles to pick from) a. Needs to never change (no update link to Oracle); will be used to pull reliable and consistent data for reports 5. Department/office 6. Department manager (aka task manager – Phase 2: will complete tasks in system) 7. Hire type (new hire, rehire, PT to FT, temp/grant to FT, transfer, retiree rehire) 8. Profile Type – portal view and general tasks will be assigned based on profile type a. Profile types may include: general employee, supervisor/manager, department head, elected official, temp b. Future phases may create more specific roles (ex. Deputy, paramedic, admin) c. Need to determine what tasks will be assigned to each Profile Type 9. "Set up as…" (for assets) <u>Kick Off – IT</u> • IT receives above form via ServiceNow • IT creates user account and user login in ServiceNow using information above, including appropriate profile

- Sends introductory email (wording to be developed by HR) to new hire, with a copy to the manager and the HR Generalist group email
    - Phase 1: HR Admin account impersonates manager to complete manager's tasks;
    - Phase 2: Manager is trained to complete their own tasks
- IT assigns assets and applicable system log in credentials
- Completion of tasks shown in HR Admin and Manager's dashboard

Kick Off - New Hire Portal

- New hire receives email with ServiceNow account login and link to Portal
- Portal will include the following, defined by Profile Type:
    a. Links to Laserfische forms to be completed
        - This will take users out of ServiceNow for them to fill out the forms, but upon completion will direct them back to the portal
            - Would prefer automatic task marked complete on submit; if not, user will need to mark
        - General new hire forms will all be linked together in one section - will need opening verbiage about completing all the way through (to be developed by HR)
        - The only form requested to be separate is the Direct Deposit form
        - Discussion needs to occur regarding I9 and issue with grouping for those who already have valid I9; may need to separate
    b. Any applicable training videos
    c. Any applicable manuals or guides
    d. Important dates and information

Kick Off - Manager Portal (HRGs will impersonate manager in Phase I)

- Manager/impersonator receives copied email to new hire
- Manager/impersonator accesses Manager Portal to complete/kick off tasks
- Portal landing page will include icon link to New Hire's Manager's page
- New Hire Manager page will include linked list of all new employees
- Manager/Impersonator will click employee icon/name to view all tasks that the manager still needs to complete for that new hire
- Asset categories include: system access, building/facilities access, ITS equipment, etc.
    - Facilities assigned tasks need to show completion tracking in HR onboarding
    - Other departments (i.e. P-cards) need to be notified of tasks to be completed that are not in ServiceNow and show completion in onboarding
- Phase II may include a service ticket to request set up for a new volunteer/contractor – this request would pull up a corresponding form asking them to select the required assets and various other questions

Newly Elected Official Portal

Portal will include:

- Forms
- Applicable training videos
- Applicable guides and manuals
- Contacts for various departments and needs
- Tasks to make first appointments with budget, talk with IT about software needs, etc.
- Current organizational positions with current budgeted salary and EE name
- Task for when they will be able to start putting in new hires and their access requests
    - TBD by legal review

For Phase I, we will not have newly elected officials set up access privileges; will assign to appropriate office staff or impersonator.

Notifications

- Method to contact HRG group email if questions to be found in new hire portal, manager portal, and will be included in email wording
- Email to new hire, manager, dept. assigned task (i.e. purchasing, facilities, etc.) at appropriate time in the process.

Reporting

- All custom reports to pull analytics by position, department, etc. will be completed by Wilco project team resources. For example: Report to identify new hires that never start employment and why.
- All custom dashboards that shows employee progress, manager's outstanding items, etc. will be completed by Wilco project team resources

Security

- Create security roles needed to separate the HR Admin role (leadership & Sr HR Specialist Analytics) from a standard HRG role.

Onboarding Management general work-breakdown request from Williamson County:

Hiring Process	Carahsoft	Wilco
Offer letter created in Laserfiche		X
HR will enter general fields as well as link to Data Sources (Oracle)		X
HR will notify SN of the hire either via email or entry into portal	X	
ITS will generate AD and SN accounts		X
Auto email new EE with SN credentials and link to new EE Portal (use personal email)	X	
Create all required forms in Laserfiche to link on Portals. Route final forms to Laserfiche		X
Create tasks board per groups, ITS, HR, Dept., Facilities	X	
Auto route forms and tasks to groups using portal or task boards	X	
Portal		
1. New Hire - created by Carahsoft	X	
- most tasks are available immediately		
- some tasks unavailable until hire date		
2. Manager - created by Wilco		X
3. Elected Officials - created by Wilco		X
Reporting		
Create custom Dashboard and reporting for roles		X
Secure Data		
Secure sensitive data	X	
Item Management (Access)		
Manager requests items on portal	X	

Auto route requests to IT & other departments	X	
IT & Department assign items/grant access	X	
Employee receives an alert and can view items on portal	X	
Manager to request Term/Change items on portal	X	
Migrate current data (asset)	X	

General Project Delivery Information

Fulfiller Training / Knowledge Transfer

- Development of custom training presentations for the "Train the Trainer" sessions to the core group of individuals that will train the rest of the employees. These presentations will typically be re-used by the WilCo class attendees to train the rest of their teams.
- Provide approximately 4 hours of "train the trainer" training for a core group of HR Onboarding process users (Up to 15 People) who will use the system regularly and train the other (or future) users of the system.
- Provide approximately 2 hours of "train the trainer" training for a core group of Asset Management process users (Up to 15 People) who will use the system regularly and train the other (or future) users of the system.
  Note: Carahsoft will record these sessions via GotoMeeting for users that may not be able to attend or future employees that are added to the team. These sessions are not edited and will include things such as questions. Since they aren't edited or enhanced the audio may have inconsistency based on the location of the individuals speaking. Recorded sessions will be provided in MP4 format.

ServiceNow Administrator Training / Knowledge Transfer

- Documentation of technical activities performed by Carahsoft on the WilCo instance, to be presented to the Wilco ServiceNow Administrator(s).
- Provide administrator guides for all Quickfuze applications purchased in PDF format.
- Provide one 2-hour sessions of cross-training for the Wilco ServiceNow Administration team using documentation and specific meetings to review configuration and customization.

General Project Delivery Information

- Carahsoft will provide necessary documentation and knowledge transfer to identified customer ServiceNow admins for training and post go-live support.
- Carahsoft will complete this work remotely with assistance from Williamson County, such as the process owners and selected process users.
- Carahsoft will answer questions and facilitate the modifications and bug fixes identified during UAT.
- Carahsoft will prepare the production instance for go-live and transition to the customer's ServiceNow support resources.

2. DELIVERY APPROACH

Delivery Approach
Carahsoft will be using our five-phased implementation approach outlined below. Initiation Phase ▪ Kickoff Meeting to document and review the high-level scope Planning phase ▪ Facilitated detailed requirements gathering and process definition sessions ▪ Document functional specifications ▪ Project planning ▪ Project task management and schedule ▪ Quality / test plan Implementation Phase ▪ Perform the necessary configurations or customizations within ServiceNow ▪ Perform unit testing of all configurations or customizations and compare against requirements ▪ Perform the necessary show-and-tells with the customer on a regular basis to ensure development is meeting customer expectations ▪ Provide formal knowledge transfer to customer ServiceNow Admin(s) ▪ Documentation and delivery of all development performed by Carahsoft ▪ Instructor led Fulfiller Training Monitor and Control Phase ▪ Weekly status reports ▪ Change orders ▪ Modify project plans as needed to address risks or priority changes Close Phase ▪ Final status report ▪ Final development acceptance ▪ Customer approval to move to production ▪ Deploy to production (use cutover checklist) ▪ Customer satisfaction survey

3. RESOURCE SUMMARY

Resource Summary
Customer Resources • Process Owner(s) – Customer will provide subject matter experts to be responsible for the correct and complete definition of each of the processes implemented within the ServiceNow product. • Project Manager(s) – Customer will provide resources to manage the project and track project scope, requirements, and timeline to ensure that project goals are met within the estimated timelines. • ServiceNow Resource(s) – Customer will have their ServiceNow Admin and/or platform owner during the engagement to ensure we are in line with existing standards and practices for Customer's environment and will be available during requirements gathering and go-live handoff. Carahsoft Resources • Solution Consultant(s) – Carahsoft will provide this resource to help with application configuration and assist with knowledge transfer to Customer Resource(s). • Engagement Manager / Process Consultant – Carahsoft will provide this resource to assist with process consulting, requirements gathering, project guidance and leadership.

4. ENGAGEMENT ASSUMPTIONS

Engagement Assumptions
Carahsoft shall provide all services related to this SOW on a Time & Materials basis. Williamson County acknowledges that its participation and cooperation is critical for the success of the project. The following assumptions are based on information provided by Williamson County to Carahsoft relating to the project scope and Williamson County's current business processes as of the date of this SOW, and have been used to compute the *estimated* level of effort and cost. Deviations from these assumptions may lead to commensurate changes in the timeline and fees. • Coordinated planning is critical to the success of this project. To ensure appropriate resources are available, Carahsoft and Williamson County's project leadership will develop an overall project resource plan for the total duration of this effort, then mutually agree to an initial 30-day resource plan for all Carahsoft resources. This will allow Carahsoft to formally reserve (Hard Book) their assignment and participation in the project and guarantee their availability for the Williamson County initiative as planned as well as "Soft Book" for the duration of the project. Every week, both parties will collaborate and add another week to the "Hard Booked" plan maintaining a rolling 30-day resource plan to continue ensure the required amount of Carahsoft resource availability. In the event that Williamson County has agreed to the "Hard Booked" resource plan and there is not sufficient work available or provided to fill at least 90% of the agreed upon plan, Williamson County agrees they are responsible for payment at the agreed to 90% plan and will be invoiced accordingly. Furthermore, these unused hours could inject risk into completing the engagement, and the client is responsible for a change order, including purchasing additional hours. • Carahsoft assumes all work will be done in the English language and no additional language support is needed for this effort • Williamson County will provide the required resources and ensure active participation to ensure the implementation is successful. This will include executive decision maker, project leadership and management, subject matter experts, and technical resources. • Williamson County is responsible for definition and documentation of the business processes within scope for this Implementation and implementing all business process changes required to support the implementation. • Williamson County is responsible for testing prior to production. • Carahsoft resources will have remote access to the Williamson County's instances and that Williamson County makes appropriate technologies for remote work available. • Carahsoft is assuming that all reports requested will not exceed the capabilities of the native ServiceNow reporting engine. Carahsoft is only planning on leveraging the native reporting capabilities within ServiceNow. If ServiceNow capabilities are exceeded, there is no guarantee that every reporting requirement will be met. • We have estimated a 14-week engagement. If the project extends outside of this range a change order may be needed due to the extension of the project. • This is a time and expense project and the hours described in this document are estimates only based on the high-level requirements currently understood. • All development work will be performed remotely unless specifically requested by the Customer. • We have not included time for development of custom lab exercises for the "Train the Trainer" sessions to the core group of individuals that will train the rest of the employees. These lab exercises could be re-used by the WilCo class attendees to train the rest of their teams. This can be added.

- We have not included time for Carahsoft to create recordings of each of the three training sessions without classroom participants. Note: Each of these recordings would have been shorter in duration than the class with students.
- We have not included pricing for the Implementation of the Carahsoft Asset Management Quickfuze Application. This will assist in tracking a hardware asset from delivery/receipt to deployment to final disposal (the entire lifecycle).
- Carahsoft will NOT facilitate user acceptance testing (UAT) with Wilco resources. All UAT script creation scheduling, facilitation, and UA testing will be completed by Wilco resources. Wilco will provide a list of issues found during UAT testing sessions.

5. ENGAGEMENT TIMELINE

Engagement Timeline

The following high-level timeline is being provided as an estimate on the duration of the activities proposed based on experiences at other clients with projects of a similar size. Customer urgency can drive a faster project implementation than depicted below, but a more rapid implementation requires customer resources to be available during the required time periods and could add project risk.

Task/Milestone	Duration
Initiation Phase	2 Week
Planning Phase	2 Weeks
Implementation Phase	10 Weeks
Closure Phase	2 Weeks
Estimated Project Duration	~16 Weeks from Approval to Completion

6. CHANGE REQUESTS

Change Requests

Any requests for additional hours outside of this SOW will be set forth in a Change Order. Customer and Carahsoft will agree upon changes prior to execution of additional hours or costs outside of this SOW.

7. INVESTMENT

Investment

Carahsoft is providing a time and materials estimate using the table below. Williamson County will be charged for services, materials, and expenses on a time and materials basis. Any materials or other resources required to complete this project will also be charged to Williamson County. Carahsoft will not charge any expenses not defined by this document to the project without prior written approval. Cost estimates presented here include only professional services. This estimate does not include costs associated with client resources, other vendor services, hardware, or software. Many assumptions were made to arrive at the estimated pricing. If these

assumptions turn out to be significantly incorrect, the project estimate will likely be altered and managed through the formal change control process.

Quickfuze Application	Price
Onboarding Quickfuze Application	$ 10,700.00
iPower Quickfuze Assurance (1 Year)	$ 1,926.00

Role	Hourly Rate
Engagement Manager/PC	$192.60
Architect	$214.00
Solution Consultant	$192.60

Resource	Rate	Time	Cost
Onboarding Quickfuze Application			$10,700.00
iPower Quickfuze Assurance (1 Year)			$1,926.00
Application Discount 20%			-$2,000
		Quickfuze Application Total	$10,626.00
Engagement Manager / Process Consultant		146 Hours	$28,119.60
Architect		53 Hours	$11,342.00
Solution Consultant		139 Hours	$26,771.40
		Services Total	$66,233.00
		Total Investment	$76,859.00

Billing Notes

- The pricing of this Statement of work is valid for 90 days from the date of this document.
- All hours will be billed as incurred the month following the work being performed.
- Travel and expenses are not included and we expect the workshop to include two people onsite for two days.

Business Terms & Conditions

Terms and Conditions of the GSA Schedule No. GS-35F-0119Y will prevail.

8. AUTHORIZATION

This Contract sets forth the entire agreement between the parties. Any understandings, agreements, representations, or warranties not contained in this Contract, a Statement of Work, or a written amendment hereto

shall not be binding on either party. Except as provided herein, no alteration of any of the terms, conditions, services, price, quality, or specifications of this Contract will be effective without the written consent of both parties.

The parties acknowledge and accept the terms and conditions of this Contract. In witness thereof, the parties have signed this Contract.

Authorization	
Williamson County	**Carahsoft Technology Corp.**
Signature:	Signature:
Printed Name:	Printed Name: Karina Woods
Title:	Title: Director
Date:	Date: 6/14/18

Carahsoft Technology Corp
Agreement of Additional Terms
for
Williamson County – Texas
Carahsoft GSA-35F-0119Y

Please accept the following additions to the SOW or SOO for Williamson County Commissioners Court approval and recordation into the minutes.

- **Termination for Convenience:** This Agreement may be terminated at any time at the option of either party, without future or prospective liability for performance upon giving ninety (90) days written notice thereof. In the event of termination, Customer (Williamson County, TX) will not be liable for payment years following the termination year or pro rata share of services rendered.

- **Texas Prompt Payment Act Compliance:** Carahsoft agrees payment for goods and services shall be governed by Chapter 2251 of the Texas Government Code. An invoice shall be deemed overdue the 31st day after the later of (1) the date licensee receives the goods under the contract; (2) the date the performance of the service under the contract is completed; or (3) the date the Williamson County Auditor receives an invoice for the goods or services. Interest charges for any overdue payments shall be paid by licensee in accordance with Texas Government Code Section 2251.025. More specifically, the rate of interest that shall accrue on a late payment is the rate in effect on September 1 of licensee's fiscal year in which the payment becomes due. The said rate in effect on September 1 shall be equal to the sum of one percent (1%); and (2) the prime rate published in the Wall Street Journal on the first day of July of the preceding fiscal year that does not fall on a Saturday or Sunday.

- **Mediation:** The parties agree to use mediation for dispute resolution prior to and formal legal action being taken on this Agreement.

- **Venue and Governing Law:** Venue of this Agreement shall be Williamson County, Texas, and the law of the State of Texas shall govern.

- **Right to Audit:** Carahsoft agrees that licensee or its duly authorized representatives shall, until the expiration of three (3) years after final payment under this Agreement, have access to and the right to examine and photocopy any and all books, documents, papers and records of ServiceNow purchases which are directly pertinent to the services to be performed under this Agreement for the purposes of making audits, examinations, excerpts, and transcriptions.

  Carahsoft agrees that licensee shall have access during normal working hours to all necessary Carahsoft facilities and shall be provided adequate and appropriate work space in order to conduct audits in compliance with the provisions of this section. Licensee shall give Carahsoft reasonable advance notice of intended audits.

Williamson County
Vendor Reimbursement Policy

The purpose of this Williamson County Vendor Reimbursement Policy ("Policy") is to provide clear guidelines to vendors on Williamson County's expectations and requirements regarding allowable reimbursable expenditures and required backup. The Policy will also minimize conflicts related to invoice payments and define non-reimbursable items. This Policy is considered a guideline and is not a contract.

This Policy may be altered, deleted or amended, at any time and without prior notice to vendors, by action of the Williamson County Commissioners Court. Unenforceable provisions of this Policy, as imposed by applicable law, regulations, or judicial decisions, shall be deemed to be deleted. Any revisions to this Policy will be distributed to all current vendors doing business with the County.

1. Invoices and Affidavits

1.1 Invoices must adequately describe the goods or services provided to County and include all required backup (i.e. reimbursable expenses, mileage log, timesheets, receipts detailing expenses incurred etc.) that is in a form acceptable to the Williamson County Auditor. Invoices that do not adequately describe the goods or services provided to County or contain backup that is satisfactory to the Williamson County Auditor will be returned to vendor for revisions and the provision above relating to invoice errors resolved in favor of the County shall control as to the required actions of vendor and when such invoice must be paid by the County.

1.2 In the event an invoice includes charges based upon hourly billing rates for services or any other rates based upon the amount of time worked by an individual or individuals in performing services, whether the charges are being billed directly to the County or whether they are the basis of invoices from subcontractors for which the vendor seeks reimbursement from the County, the charges shall be accompanied by an affidavit signed by an officer or principal of the vendor certifying that the work was performed, it was authorized by the County and that all information contained in the invoice that is being submitted is true and correct.

1.3 Upon County's request, vendor must submit all bills paid affidavits wherein vendor must swear and affirm that vendor has paid each of its subcontractors, laborers, suppliers and material in full for all labor and materials provided to vendor for or in connection with services and work performed for County and, further, vendor must swear and affirm that vendor is not aware of any unpaid bills, claims, demands, or causes of action by any of its subcontractors, laborers, suppliers, or material for or in connection with the furnishing of labor or materials, or both, for services and work performed for County.

2. Travel Reimbursement

2.1 The County will only cover costs associated with travel on vendors outside a 50 mile radius from Williamson County, Texas.

2.2 The County will only cover costs associated with travel as documented work for County. If a vendor is also doing business for another client, the travel costs must be split in proportion to the amount of work actually performed for County and the other client. The only allowable travel expense will be for the specific days worked for Williamson County.

2.3 No advance payments will be made to vendor for travel expenditures. The travel expenditure may only be reimbursed after the expenditure/trip has already occurred and

vendor has provided the Williamson County Auditor with all necessary and required backup.

2.4 Vendors must submit all travel reimbursement requests on each employee in full. Specifically, a travel reimbursement request must include all related travel reimbursement expenses relating to a particular trip for which vendor seeks reimbursement. Partial travel reimbursement requests will not be accepted (i.e. vendor should not submit hotel and mileage one month then the next month submit rental car and airfare). If the travel reimbursement appears incomplete, the invoice will be sent back to the vendor to be submitted when all information is ready to submit in full.

2.5 Reimbursement for transportation costs will be at the most reasonable means of transportation (i.e.: airline costs will be reimbursed for coach rate, rental car costs will only be reimbursed if rental car travel was most reasonable means of travel as compared to travel by air).

2.6 The County will not be responsible for, nor will the County reimburse additional charges due to personal preference or personal convenience of individual traveling.

2.7 The County will not reimburse airfare costs if airfare costs were higher than costs of mileage reimbursement.

2.8 Additional expenses associated with travel that is extended to save costs (i.e. Saturday night stay) may be reimbursed if costs of airfare would be less than the cost of additional expenses (lodging, meals, car rental, mileage) if the trip had not been extended. Documentation satisfactory to the Williamson County Auditor will be required to justify expenditure.

2.9 County will only reimburse travel expense to necessary personnel of the vendor (i.e. no spouse, friends or family members).

2.10 Except as otherwise set forth herein, a vendor must provide a paid receipt for all expenses. If a receipt cannot be obtained, a written sworn statement of the expense from the vendor may be substituted for the receipt.

2.11 Sales tax for meals and hotel stays are the only sales taxes that will be reimbursed. Sales tax on goods purchased will not be reimbursed. A sales tax exemption form is available from the Williamson County Auditor's Office upon request.

2.12 The County will not pay for any late charges on reimbursable items. It is the responsibility of the vendor to pay the invoice first and seek reimbursement from the County.

3. Meals

3.1 Meal reimbursements are limited to a maximum of $40.00 per day on overnight travel. On day travel (travel that does not require an overnight stay), meal reimbursements are limited to a maximum of $20.00 per day. The travel must be outside the Williamson County, Texas line by a 50 mile radius.

3.2 Receipts are required on meal reimbursement amounts up to the maximum per day amount stated for overnight or day travel. If receipts are not presented, the vendor can request per diem (per diem limits refer to 3.2). However, a vendor cannot combine per diem and meal receipts. Only one method shall be allowed.

3.3 Meals are reimbursable only for vendors who do not have the necessary personnel located within a 50 mile radius of Williamson County, Texas that are capable of carrying the vendor's obligations to County. Meals will not be reimbursed to vendors who are located within a 50 mile radius of Williamson County, Texas.

3.4 County will not reimburse for alcoholic beverages.

3.5 Tips are reimbursable but must be reasonable to limitation of meal allowance.

3.6 No meals purchased for entertainment purposes will be allowed.

3.7 Meal reimbursement must be substantiated with a hotel receipt.

4. Lodging

4.1 Hotel accommodations require an itemized hotel folio as a receipt. The lodging receipt should include name of the motel/hotel, number of occupant(s), goods or services for each individual charge (room rental, food, tax, etc.) and the name of the occupant(s). Credit card receipts or any other form of receipt are not acceptable.

4.2 Vendors will be reimbursed for a single room rate charge plus any applicable tax. If a single room is not available, the vendor must provide documentation to prove that a single room was not available in order to justify the expense over and above the single room rate. A vendor may also be required to provide additional documentation if a particular room rate appears to be excessive.

4.3 Personal telephone charges, whether local or long distance, will not be reimbursed.

5. Airfare

5.1 The County will only reimburse up to a coach price fare for air travel.

5.2 The County will exclude any additional charges due to personal preference or personal convenience of the individual traveling (i.e. early bird check in, seat preference charges, airline upgrades, etc. will not be an allowable reimbursement)

5.3 Air travel expenses must be supported with receipt copy of an airline ticket or an itinerary with actual ticket price paid. If tickets are purchased through a website, vendor must submit a copy of the webpage showing the ticket price if no paper ticket was issued.

5.4 Cancellation and/or change flight fees may be reimbursed by the County but vendor must provide the Williamson County Auditor with documentation in writing from a County department head providing authorization for the change.

5.5 The County will not reimburse vendor for tickets purchased with frequent flyer miles.

6. Car Rental

6.1 Vendors that must travel may rent a car at their destination when it is less expensive than other transportation such as taxis, airport shuttles or public transportation such as buses or subways.

6.2 Cars rented must be economy or mid-size. Luxury vehicle rentals will not be reimbursed. Any rental costs over and above the cost of a mid-size rental will be adjusted.

6.3 Vendors will be reimbursed for rental cars if the rental car cost would have been less than the mileage reimbursement cost (based on the distance from vendor's point of origin to Williamson County, Texas) had the vendor driven vendor's car.

6.4 Vendors must return a car rental with appropriate fuel levels as required by rental agreement to avoid the car rental company from adding fuel charges.

6.5 Rental agreement and credit card receipt must be provided to County as back up for the request for reimbursement.

6.6 Insurance purchased when renting vehicle may also be reimbursed.

6.7 Car Rental optional extras such as GPS, roadside assistance, and administrative fees on Tolls will not be reimbursed.

7. Personal Car Usage

7.1 Personal vehicle usage will be reimbursed in an amount equal to the standard mileage rate allowed by the IRS.

7.2 Per code of Federal Regulations, Title 26, Subtitle A, Chapter 1, Subchapter B, Part IX, Section 274(d), all expense reimbursement requests must include the following:

7.2.1.1 Date

7.2.1.2 Destination
7.2.1.3 Purpose
7.2.1.4 Name of traveler(s)
7.2.1.5 Correspondence that verifies business purpose of the expense

7.3 The mileage for a personal vehicle must document the date, location of travel to/from, number of miles traveled and purpose of trip.

7.4 Mileage will be reimbursed on the basis of the most commonly used route.

7.5 Reimbursement for mileage shall not exceed the cost of a round trip coach airfare.

7.6 Reimbursement for mileage shall be prohibited between place of residence and usual place of work.

7.7 Mileage should be calculated from vendor's employee's regular place of work or their residence, whichever is the shorter distance when traveling to a meeting or traveling to Williamson County, Texas for vendors who are located outside of Williamson County, Texas by at least a 50 mile radius.

7.8 When more than one person travels in same vehicle, only one person may claim mileage reimbursement.

7.9 Tolls, if reasonable, are reimbursable. Receipts are required for reimbursement. If a receipt is not obtainable, then written documentation of expense must be submitted for reimbursement (administrative fees on Tolls will not be reimbursed).

7.10 Parking fees, if reasonable, are reimbursable for meetings and hotel stays. For vendors who contract with a third party for visitor parking at vendor's place of business, Williamson County will not reimburse a vendor based on a percentage of its contracted visitor parking fees. Rather, Williamson County will reimburse Vendor for visitor parking on an individual basis for each time a visitor uses Vendor's visitor parking. Receipts are required for reimbursement. If a receipt is not obtainable, then written documentation of expense must be submitted for reimbursement.

7.11 Operating and maintenance expenses, as well as other personal expenses, such as parking tickets, traffic violations, and car repairs and collision damage are not reimbursable.

8. Other Expenses

8.1 Taxi fare, bus tickets, conference registrations, parking, etc. must have a proper original receipt.

9. Repayment of Nonreimbursable Expense.

Vendors must, upon demand, immediately repay County for all inappropriately reimbursed expenses whenever an audit or subsequent review of any expense reimbursement documentation finds that such expense was reimbursed contrary to these guidelines and this Policy. Williamson County reserves the right to retain any amounts that are due or that become due to a vendor in order to collect any inappropriately reimbursed expenses that a vendor was paid.

10. Non-Reimbursable Expenses

In addition to the non-reimbursable items set forth above in this Policy, the following is a non-exhaustive list of expenses that will not be reimbursed by Williamson County:

10.1 Alcoholic beverages/tobacco products
10.2 Personal phone calls
10.3 Laundry service
10.4 Valet service
10.5 Movie rentals
10.6 Damage to personal clothing
10.7 Flowers/plants

10.8 Greeting cards
10.9 Fines and/or penalties
10.10 Entertainment, personal clothing, personal sundries and services
10.11 Transportation/mileage to places of entertainment or similar personal activities
10.12 Upgrades to air, hotel and/or car rental
10.13 Auto repairs
10.14 Baby sitter fees, kennel costs, pet or house-sitting fees
10.15 Saunas, massages or exercise facilities
10.16 Credit card delinquency fees
10.17 Doctor bills, prescription and other medical services
10.18 Hand tools
10.19 Safety Equipment (hard hats, safety vests, etc.)
10.20 Office supplies
10.21 Any other expenses which Williamson County deems, in its sole discretion, to be inappropriate or unnecessary expenditures.

GOVERNMENT - PRICE QUOTATION

CARAHSOFT TECHNOLOGY CORP

1860 MICHAEL FARADAY DRIVE | SUITE 100 | RESTON, VIRGINIA 20190
PHONE (703) 871-8500 | FAX (703) 871-8505 | TOLL FREE (888) 66CARAH
WWW.CARAHSOFT.COM | SALES@CARAHSOFT.COM

TO:
Richard Semple
IT Operations Director
Williamson County
301 SE Inner Loop
Suite 105
Georgetown, TX 78626 USA

EMAIL: rsemple@wilco.org

PHONE: (512) 943-1100

FROM:
Michael Edwards
Carahsoft Technology Corp.
1860 Michael Faraday Drive
Suite 100
Reston, Virginia 20190

EMAIL: Michael.Edwards@carahsoft.com

PHONE: (703) 889-9761 **FAX:** (703) 871-8505

TERMS:
GSA Schedule No: GS-35F-0119Y
Term: December 20, 2011 - December 19, 2021
FTIN: 52-2189693
Shipping Point: FOB Destination
Credit Cards: VISA/MasterCard/AMEX
Remit To: Same as Above
Payment Terms: Net 30 (On Approved Credit)
Cage Code: 1P3C5
DUNS No: 088365767
Business Size: Other than Small
Sales Tax May Apply

QUOTE NO:	12145138
QUOTE DATE:	06/07/2018
QUOTE EXPIRES:	07/07/2018
RFQ NO:	
SHIPPING:	GROUND
TOTAL PRICE:	$76,859.00
TOTAL QUOTE:	$76,859.00

LINE NO.	PART NO.	DESCRIPTION	-	QUOTE PRICE		QTY	EXTENDED PRICE
		DUE AT SIGNING					
1	Onbrd-QFApp	Onboarding Quickfuze Application		$10,700.00	OM	1	$10,700.00
2	iPower-QFA	iPower Quickfuze Assurance 1 Year		$1,926.00	OM	1	$1,926.00
3	Discount	Application Discount 20%		-$2,000.00	OM	1	-$2,000.00
4	188-SVCTSOWTAILIMP	ServiceNow« Implementation - Tailored - T&M Engagement Manager/ Process Consultant -146 Hours		$192.60	GSA	146	$28,119.60
5	188-SVCTSOWTAILIMP	ServiceNow« Implementation - Tailored - T&M Architect -53 Hours		$214.00	GSA	53	$11,342.00
6	188-SVCTSOWTAILIMP	ServiceNow« Implementation - Tailored - T&M Technical Consultant -139 Hours		$192.60	GSA	139	$26,771.40
		SUBTOTAL:					$76,859.00

TOTAL PRICE: **$76,859.00**

TOTAL QUOTE: **$76,859.00**

Please see Carahsoft SOW #SN060618v3, dated 6/7/18

Commissioners Court - Regular Session **47.**

Meeting Date: 06/19/2018

Park Donations BA 06-19-2018

Submitted For: Melanie Denny **Submitted By:** Angela Schmidt, County Auditor

Department: County Auditor

Agenda Category: Regular Agenda Items

Information

Agenda Item

Discuss, consider and take appropriate action on an order declaring an emergency and a grave necessity due to unforeseeable circumstances and approve a budget amendment to acknowledge the additional revenue for Park Donations:

Background

Donations include $140.00 from the Austin Royals in appreciation of onsite assistance from staff and $229.00 for firewood from various patrons.

Fiscal Impact

From/To	Acct No.	Description	Amount
	0100.0000.367403	Park Donations	$369.00

Attachments

No file(s) attached.

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Wendy Coco	06/14/2018 08:37 AM
Form Started By: Angela Schmidt		Started On: 06/13/2018 04:17 PM
Final Approval Date: 06/14/2018		

Commissioners Court - Regular Session **48.**

Meeting Date: 06/19/2018

Park Donations BA 06-19-2018

Submitted For: Melanie Denny **Submitted By:** Angela Schmidt, County Auditor

Department: County Auditor

Agenda Category: Regular Agenda Items

Information

Agenda Item

Discuss, consider and take appropriate action on an order declaring an emergency and a grave necessity due to unforeseeable circumstances and approve a budget amendment to acknowledge the additional expenditures for Park Donations:

Background

Donations include $140.00 from the Austin Royals in appreciation of onsite assistance from staff and $229.00 for firewood from various patrons.

Fiscal Impact

From/To	Acct No.	Description	Amount
	0100.0510.003670	Use of Donations	$369.00

Attachments

No file(s) attached.

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Wendy Coco	06/14/2018 08:37 AM
Form Started By: Angela Schmidt		Started On: 06/13/2018 04:28 PM
Final Approval Date: 06/14/2018		

Commissioners Court - Regular Session **49.**

Meeting Date: 06/19/2018

Economic Development

Submitted For: Charlie Crossfield **Submitted By:** Charlie Crossfield, Road Bond

Department: Road Bond

Agenda Category: Executive Session

Information

Agenda Item

Discussion regarding economic development negotiations pursuant to Texas Government Code, Section 551.087:
a) Business prospect(s) that may locate or expand within Williamson County.
b) Discuss North Woods Road District.
c) Project Amazon
d) Wolf Lakes
e) Project Capstone
f) Project Dalton House
g) Flint Hill Resources-Taylor Fuel Storage Terminal on CR 366

Background

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

No file(s) attached.

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Wendy Coco	06/14/2018 11:26 AM
Form Started By: Charlie Crossfield		Started On: 06/14/2018 10:28 AM
Final Approval Date: 06/14/2018		

Commissioners Court - Regular Session **50.**

Meeting Date: 06/19/2018

Executive Session

Submitted For: Charlie Crossfield **Submitted By:** Charlie Crossfield, Road Bond

Department: Road Bond

Agenda Category: Executive Session

Information

Agenda Item

Discuss real estate matters (EXECUTIVE SESSION as per VTCA Govt. Code sec. 551.072 Deliberation Regarding Real Estate Property if deliberation in an open meeting would have a detrimental effect on the position of the governmental body in negotiations with third person.)

A. Real Estate Owned by Third Parties

Preliminary discussions relating to proposed or potential purchase or lease of property owned by third parties

a) Discuss the acquisition of real property for right-of-way for N. Mays St. Extension

b) Discuss the acquisition of real property for SW 183 and SH 29 Loop.

c) Discuss the acquisition of real property for CR 176 at RM 2243

d) Discuss the acquisition of real property: CR 101

e) Discuss the acquisition of real property: CR 200

f) Discuss the acquisition of real property for CR 278 at Bagdad Rd.

g) Discuss the acquisition of real property for SH 29 LTP.

h) Discuss the acquisition of real property for County Facilities.

i) Discuss the acquisition of Easement interests for the Brushy Creek Trail Project.

j) Discuss the acquisition of real property and easements from San Gabriel River Ranch Subdivision.

k) Discuss the acquisition of real property for CR 278 @ Bagdad Rd.

l) Discuss the acquisition of real property for Seward Junction SE Loop.

m) Discuss the acquisition of real property for SH 29 @ DB Wood.

n) Discuss the acquisition of real property for Hairy Man Rd.

o) Discuss the acquisition of real property for SW Bypass.

p) Discuss Somerset Road Districts No. 3 & 4 reimbursements for acquisition & construction of Reagan Blvd.

q) Discuss Cedar Hollow low water crossings and Lost River.

r) Discuss the Brushy Creek Trail Easement acquisition from the Steve and Brandy Jones (a.k.a. 620 Cafe)

s) Discuss the acquisition of real property for Corridor H

t) Discuss an Interlocal Agreement with the City of Hutto regarding CR 163.

B. Property or Real Estate owned by Williamson County

Preliminary discussions relating to proposed or potential sale or lease of property owned by the County

a) Discuss County owned real estate containing underground water rights and interests.

b) Discuss wastewater easements in Berry Springs Park

c) Discuss sale of County property on Ronald Reagan Blvd.

d) Discuss possible sale of +/- 10 acres located on Chandler Road near the County Sheriff's Office Training Facility

e) Potential governmental uses for 8th Street downtown parking lot

f) Discuss possible uses of property owned by Williamson County on Main St. between 3rd and 4th Streets. (formerly occupied by WCCHD)

g) Discuss property usage at Longhorn Junction

C. Consider intervention in lawsuit regarding de-listing of Bone Cave harvestman.

D. Discuss the possible placement of agricultural-related monuments at the Williamson County Exposition Center with the participation of third parties.

E. Discuss the San Gabriel River trail easements.

Background

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

No file(s) attached.

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Wendy Coco	06/14/2018 11:26 AM
Form Started By: Charlie Crossfield		Started On: 06/14/2018 10:26 AM
Final Approval Date: 06/14/2018		