NOTICE TO THE PUBLIC
WILLIAMSON COUNTY COMMISSIONER'S COURT
April 23, 2019
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 – 25)

5. Discuss, consider and take appropriate action on a line item transfer for District Courts.

Fiscal Impact

From/To	Acct No.	Description	Amount
FROM	0100-0435-004121	Expert Witness	$30,000
TO	0100-0435-004125	Transcripts	$30,000

6. Discuss, consider and take appropriate action on the line item transfer for the District Clerk Office.

Fiscal Impact

From/To	Acct No.	Description	Amount
From	0388-0388-004550	Imaging and Microfilming	4700.00
to	0388-0388-003010	Computer Equipment	4700.00

7. Discuss, consider, and take appropriate action on a line item transfer for Facilities.

Fiscal Impact

From/To	Acct No.	Description	Amount
From	0100.0509.005700	Facilities/Vehicles >$5,000	10,867.20
To	0100.0509.001110	Facilities/Overtime	$4,000.00
To	0100.0509.003005	Facilities/Off Furniture	$3,000.00
To	0100.0509.004232	Facilities/Training	$3,000.00
To	0100-0509-002010	Facilities/FICA	$306.00
To	0100-0509-002020	Facilities/Retirement	$561.20

8. Discuss, consider and take appropriate action on approving compensation changes, position titles changes, position grade changes and any corresponding line item transfers.

9. Discuss, consider and take appropriate action on authorizing the disposal of various county assets through Auction including one (1) laptop and one (1) toughbook, pursuant to Tx. Local Gov't Code 263.152.

10. Discuss, consider and take appropriate action to approve Justice of the Peace, Pct. 3, January, February and March 2019 Monthly Report in compliance with Code of Criminal Procedure § 103.005.

11. Discuss, consider and take appropriate action to approve Justice of the Peace, Pct. 4, March 2019 Monthly Report in compliance with Code of Crim. Proc. § 103.005.

12. Discuss, consider and take appropriate action to appoint Commissioner Cynthia Long as Chairperson of the Radio Communications System Advisory Board, replacing Judge Bill Gravell.

13. Discuss, consider and take appropriate action to accept a donation of a hog trap for the Sheriff's Office from Edward Matyas.

14. Discuss, consider, and take appropriate action on approving the purchase of a Sprinter Passenger Van from Freightliner of Austin in the amount of $54,899.00, pursuant to BuyBoard Contract #521-16, to support the operations of the Williamson County Sheriff's Office.

15. Discuss, consider and take appropriate action regarding approval and receipt of Vehicle Reimbursement Agreement with Cornerstone Site Services (security/traffic control in Williamson County).

16. Discuss, consider, and take appropriate action on approving the agreement between Williamson County and Celebrino Events, LLC to secure a venue for the Williamson County Tax Office Corporate Retreat in the amount of $800, and authorizing execution of the agreement.

17. Discuss, consider and take appropriate action on approving the annual maintenance renewal of Cisco Flex with Presidio Network Solutions Group per the terms of the DIR Contract #DIR-TSO-4167 to support the operations of ITS.

18. Discuss, consider, and take appropriate action regarding notice of contract termination with Heartland Food Group to provide concessions for the Williamson County Expo Center.

19. Discuss, consider and take appropriate action on authorizing the Purchasing Agent to advertise and receive sealed bids for Limestone Terrace and Quarry Rim Drive Reconstruction - Sonterra Commercial Subdivision under IFB #1904-311.

20. Discuss, consider and take appropriate action on authorizing the Purchasing Agent to advertise and receive sealed bids for Bluebonnet Drive Reconstruction in Chandler Creek Subdivision under IFB #1904-312.

21. Discuss, consider and take appropriate action on authorizing the Purchasing Agent to advertise and receive sealed bids for EMS Medical Supplies under IFB #1904-313.

22. Discuss, consider and take appropriate action on awarding IFB #1903-304 Hydrated Lime Slurry to the lowest responsive bidder, Austin White Lime Company.

23. Discuss, consider and take appropriate action on Supplemental Work Authorization No 1 to Work Authorization No 3 under Williamson County Contract between Cobb Fendley & Associates Inc and Williamson County dated February 10, 2015 for On Call Utility Coordination and Relocation Services for Road and Bridge.

24. Discuss, consider and take appropriate action on Work Authorization No 4 in the amount of $10,000.00 to expire March 31, 2020 under Williamson County Contract for Engineering Services between Pape-Dawson Engineers, Inc. and Williamson County dated March 6, 2018 for Engineering Design Services for Finalizing Culvert Work on S CR 363, S CR 482, S CR 322 and S CR 323 for Williamson County Road and Bridge.

25. Discuss, consider and take appropriate action on approving the rental of a temporary boiler unit with HVAC RNTL in the amount of $10,700.00 (month one) / $4,200.00 (each additional month) to support the operations of the Williamson County Jail and exempting this emergency rental from competitive bidding requirements as per Texas Local Government Code Discretionary Exemption 262.024.(a)(3).

REGULAR AGENDA

26. Hear presentation and have discussion regarding the Williamson County Local Provider Participation Fund (LPPF).

27. Discuss, consider, and take appropriate action on proclaiming April 29 - May 3, 2019 as AIR QUALITY AWARENESS WEEK in Williamson County.

28. Discuss, consider and take appropriate action on presentation of "Driven to Deliver - 2018 Annual Report & Financial Statements" by Central Texas Regional Mobility Authority (CTRMA).

29. Hear an update on Williamson County's Million Mile Month efforts and progress.

30. Discuss, consider and take appropriate action on approving the purchase of fifty-one (51) toughbooks from GTS Technologies in the amount of $217,580.56 pursuant to DIR Contract #DIR-TSO-4025, to support the operations of the Williamson County Sheriff's Office.

31. Discuss and take appropriate action on the proposed Community Development Block Grant program priorities for FY2019-2023.

32. Consider approving request to issue a call for projects that will utilized Community Development Block Grant funds for the FY19 funding cycle.

33. 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 additional revenues for the Mobile Outreach Team.

Fiscal Impact

From/To	Acct No.	Description	Amount
	0100.0000.333220	Payments from Other Entities	$600.00

34. 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 additional expenditures for the Mobile Outreach Team.

Fiscal Impact

From/To	Acct No.	Description	Amount
	0100.0341.001920	Medical School Stipend	$473.64
	0100.0341.002010	FICA	$36.24
	0100.0341.002020	Retirement	$66.48
	0100.0341.002050	Workers Comp	$23.64

35. Receive updates on the Department of Infrastructure projects and issues.

36. Discuss, consider and take appropriate action on a real estate contract with Paloma Lake Municipal Utility District No. 1 and Paloma Lake Municipal Utility District No. 2 for right of way needed on the CR 110 Middle project (Parcel 1M Part 6). Funding Source: Road Bonds P261

37. Discuss, consider and take appropriate action on a Cost Participation Agreement with Morris Corners Collection, LTD. regarding the design and re-construction of the intersection of DB Wood and SH 29.

38. Discuss, consider and take appropriate action on a Resolution for an Advance Funding Agreement with TXDOT regarding RM 2243 from 183A to IH-35.

39. Discuss, consider and take appropriate action on a Local Transportation Project Advance Funding Agreement with TXDOT regarding design and environmental clearance for the RM 2243 from 183A to IH-35 Project.

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)."

40. 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 SW 183 and SH 29 Loop.
b) Discuss the acquisition of real property for CR 176 at RM 2243
c) Discuss the acquisition of real property: CR 101
d) Discuss the acquisition of real property: CR 200
e) Discuss the acquisition of real property for County Facilities.
f) Discuss the acquisition of real property for Seward Junction SE and SW Loop.
g) Discuss the acquisition of real property for SH 29 @ DB Wood.
h) Discuss the acquisition of real property for Hairy Man Rd.
i) Discuss the acquisition of real property for SW Bypass.
j) Discuss Somerset Road Districts No. 3 & 4 reimbursements for acquisition & construction of Reagan Blvd.
k) Discuss the acquisition of real property for CR 111.
l) Discuss the acquisition of real property for Corridor H
m) Discuss the acquisition of drainage easements on the Forest North Drainage Project.
n) Discuss the acquisition of real property for the expansion of Ronald Reagan at IH 35.
o) Discuss the acquisition of right-of-way for Corridor C.
p) Discuss the acquisition of right-of-way for Corridor F.
q) Discuss the acquisition of right-of-way for Corridor D.
r) Discuss the acquisition of right-of-way for Southeast Corridor.
s) Discuss the acquisition of right-of-way for Reagan extension.
t) Discuss the acquisition of property near the County landfill.
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 possible sale of +/- 10 acres located on Chandler Road near the County Sheriff's Office Training Facility
c) Potential governmental uses for 8th Street downtown parking lot
d) Discuss possible uses of property owned by Williamson County on Main St. between 3rd and 4th Streets. (formerly occupied by WCCHD)
e) Discuss property usage at Longhorn Junction
f) Discuss sale of excess 183A right of way to abutting property owner.
g) Discuss the sale of excess ROW at San Gabriel Parkway and Mel Mathis Ave.
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 Williamson County Reimbursement Agreement for Construction of San Gabriel Blvd. and New Hope Road with the City of Leander and TIRZ #1

41. 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) Wolf Lakes
c) Flint Hill Resources-Taylor Fuel Storage Terminal on CR 366
d) Project Deliver
e) Project Advantage
f) Project Cedar
g) Project Expansion

42. 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) Discuss proposed acquisition of property for SW 183 and SH 29 Loop
g) Civil Action; American Stewards of Liberty, et al. v. Sally Jewell, et al., In the Western District Court, Western District of Texas, Austin Division
h) Case No. 1:17-cv-00290, Rodney A. Hurdsman v. Williamson County Sheriff Deputies Pokluda et al, In The United States District Court For The Western District of Texas – Austin Division.
i) 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.
j) Application to Obtain New Municipal Solid Waste Permit – Proposed Permit No. 2398 (Applicant - Lealco, Inc.)
k) Employment law claims of Michelle Williams and/or Andrenia McGowen.
l) 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.
m) Erik Olmeda vs. Williamson County and Keith LNU, In the County Court at Law No. 4 of Williamson County, Texas
n) Cause No. 18-0903-C425/Court of Appeals Number: 01-19-00025-CV; Dee Hobbs, Williamson County Attorney v. Bill Gravell, Jr., Williamson County Judge, and Terry Cook, Cynthia Long, Valerie Covey and Russ Boles, County Commissioners; In the 425th District Court of Williamson County, Texas
o) Potential opioid litigation
p) Valerie Adams - EEOC Charge No. 450-2018-03807
q) Legal and contractual matters relating to the Williamson County Health Care Participation Program/Local Provider Participation Program and Williamson County Charity Services.
r) Legal matters relating to Sunset Meadows Subdivision.
s) Discuss District Office Lease at the Williamson County Jester Annex for State Representative.
t) Civil Action No. 1:17-cv-01114-LY, Elizabeth Saucedo and Tettus Davis v. Jonathon Hodgkiss, In The United States District Court for the Western District of Texas, Austin Division.
u) Case No. 19-0466-CC1; Billy Baskett v. Williamson County Sheriff's Office et. al; In the County Court at Law No. 1 of Williamson County, Texas.
v) BANGL Pipeline Project
w) Cause No. 1:18-CV-0198; Officer Mary Teague v. Williamson County, Travis County and City of Giddings, In the United States District Court for the Western District of Texas, Austin Division
x) Case No. 1:19-cv-00200-APM; Mahal Netis v. Sunwest Mortgage Company et. al; In the United States District Court for the District of Columbia
y) Claim of Dan A. Gattis for reimbursement of attorneys fees.
z) Property damage claim of Anthony Garcia and Victoria Garcia (Sunset Meadows Subdivision).

43. 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).

REGULAR AGENDA (continued)

44. Discuss and take appropriate action concerning economic development.

45. Discuss and take appropriate action concerning real estate.

46. 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 proposed acquisition of property for SW 183 and SH 29 Loop
g) Civil Action; American Stewards of Liberty, et al. v. Sally Jewell, et al., In the Western District Court, Western District of Texas, Austin Division
h) Case No. 1:17-cv-00290, Rodney A. Hurdsman v. Williamson County Sheriff Deputies Pokluda et al, In The United States District Court For The Western District of Texas – Austin Division.
i) 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.
j) Application to Obtain New Municipal Solid Waste Permit – Proposed Permit No. 2398 (Applicant - Lealco, Inc.)
k) Employment law claims of Michelle Williams and/or Andrenia McGowen.
l) 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.
m) Erik Olmeda vs. Williamson County and Keith LNU, In the County Court at Law No. 4 of Williamson County, Texas
n) Cause No. 18-0903-C425/Court of Appeals Number: 01-19-00025-CV; Dee Hobbs, Williamson County Attorney v. Bill Gravell, Jr., Williamson County Judge, and Terry Cook, Cynthia Long, Valerie Covey and Russ Boles, County Commissioners; In the 425th District Court of Williamson County, Texas
o) Potential opioid litigation
p) Valerie Adams - EEOC Charge No. 450-2018-03807
q) Legal and contractual matters relating to the Williamson County Health Care Participation Program/Local Provider Participation Program and Williamson County Charity Services.
r) Legal matters relating to Sunset Meadows Subdivision.
s) Discuss District Office Lease at the Williamson County Jester Annex for State Representative.
t) Civil Action No. 1:17-cv-01114-LY, Elizabeth Saucedo and Tettus Davis v. Jonathon Hodgkiss, In The United States District Court for the Western District of Texas, Austin Division.
u) Case No. 19-0466-CC1; Billy Baskett v. Williamson County Sheriff's Office et. al; In the County Court at Law No. 1 of Williamson County, Texas.
v) BANGL Pipeline Project
w) Cause No. 1:18-CV-0198; Officer Mary Teague v. Williamson County, Travis County and City of Giddings, In the United States District Court for the Western District of Texas, Austin Division
x) Case No. 1:19-cv-00200-APM; Mahal Netis v. Sunwest Mortgage Company et. al; In the United States District Court for the District of Columbia
y) Claim of Dan A. Gattis for reimbursement of attorneys fees.
z) Property damage claim of Anthony Garcia and Victoria Garcia (Sunset Meadows Subdivision).

47. 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.

48. Comments from Commissioners.

_____
Bill Gravell, Jr., 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 18th day of April, 2019 at 5:00 PM and remained posted for at least 72 continuous hours preceding the scheduled time of said meeting.

Commissioners Court - Regular Session **5.**

Meeting Date: 04/23/2019

Line Item transfer District Courts

Submitted By: Marlys Tidrick, 425th District Court

Department: 425th District Court

Agenda Category: Consent

Information

Agenda Item

Discuss, consider and take appropriate action on a line item transfer for District Courts.

Background

The requested line item transfer is necessary to cover transcript expenses through the remainder of Fiscal Year 2018-2019. The increase in expenses is due to the increased number of transcripts requested by indigent defendants for appellate purposes. The District Courts are required to produce the transcripts to indigent defendants. $23,870 was incurred in Fiscal Year 2017-2018. For Fiscal Year 2018-2019 $24,426 was spent from October 1, 2018 to March 30, 2019.

Fiscal Impact

From/To	Acct No.	Description	Amount
FROM	0100-0435-004121	Expert Witness	$30,000
TO	0100-0435-004125	Transcripts	$30,000

Attachments

No file(s) attached.

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Andrea Schiele	04/16/2019 08:51 AM
Budget Office	Ashlie Koenig	04/16/2019 08:54 AM
Form Started By: Marlys Tidrick		Started On: 04/12/2019 10:22 AM
Final Approval Date: 04/16/2019		

Commissioners Court - Regular Session **6.**

Meeting Date: 04/23/2019

Discuss, consider and take appropriate action of line item transfer for the District Clerk Office

Submitted For: Lisa David **Submitted By:** Lisa David, District Clerk

Department: District Clerk

Agenda Category: Consent

Information

Agenda Item

Discuss, consider and take appropriate action on the line item transfer for the District Clerk Office.

Background

The transfer is requested in order to purchase a high quality scanner for the scanning of trial exhibits. I did not budget in this year's budget and request that the transfer be approved for purchase. The exhibit clerk has only the basic document scanner and it cannot handle the volume and the clarity needed for storing exhibits in the system. The copies are difficult to make from the image as they are not color for some of the photographs and just unable to read in some cases. These images are reproduced for attorneys and the courts. The exhibits can range from photos, maps, grids, etc. not the usual documents that come in on a regular basis from e-Filing for the basic scanners that are being used in other areas of the office.

Fiscal Impact

From/To	Acct No.	Description	Amount
From	0388-0388-004550	Imaging and Microfilming	4700.00
to	0388-0388-003010	Computer Equipment	4700.00

Attachments

No file(s) attached.

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Andrea Schiele	04/16/2019 03:30 PM
District Clerk (Originator)	Lisa David	04/16/2019 03:52 PM
County Judge Exec Asst.	Andrea Schiele	04/16/2019 04:25 PM
District Clerk (Originator)	Lisa David	04/18/2019 10:07 AM
County Judge Exec Asst.	Andrea Schiele	04/18/2019 10:13 AM
District Clerk (Originator)	Lisa David	04/18/2019 11:05 AM
County Judge Exec Asst.	Andrea Schiele	04/18/2019 11:11 AM

Form Started By: Lisa David Started On: 04/16/2019 10:05 AM

Final Approval Date: 04/18/2019

Commissioners Court - Regular Session **7.**

Meeting Date: 04/23/2019

Line Item Transfer

Submitted For: Dale Butler **Submitted By:** Gina Wrehsnig, Building Maintenance

Department: Building Maintenance

Agenda Category: Consent

Information

Agenda Item

Discuss, consider, and take appropriate action on a line item transfer for Facilities.

Background

Need additional funds for the rest of the FY for Overtime, Office Furniture and Training.

Fiscal Impact

From/To	Acct No.	Description	Amount
From	0100.0509.005700	Facilities/Vehicles >$5,000	10,867.20
To	0100.0509.001110	Facilities/Overtime	$4,000.00
To	0100.0509.003005	Facilities/Off Furniture	$3,000.00
To	0100.0509.004232	Facilities/Training	$3,000.00
To	0100-0509-002010	Facilities/FICA	$306.00
To	0100-0509-002020	Facilities/Retirement	$561.20

Attachments

No file(s) attached.

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Andrea Schiele	04/16/2019 03:32 PM
Budget Office	Ashlie Koenig	04/16/2019 04:17 PM
Form Started By: Gina Wrehsnig		Started On: 04/16/2019 10:05 AM
Final Approval Date: 04/16/2019		

Commissioners Court - Regular Session **8.**

Meeting Date: 04/23/2019

Compensation Items

Submitted By: Sharon Graham, Human Resources

Department: Human Resources

Agenda Category: Consent

Information

Agenda Item

Discuss, consider and take appropriate action on approving compensation changes, position titles changes, position grade changes and any corresponding line item transfers.

Background

See attached documentation for details

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

Merit Report

Merit LIT

Merit Budget

Position Changes

Form Review

Inbox	Reviewed By	Date
Human Resources (Originator)	Tammy Fennell	04/18/2019 11:25 AM
County Judge Exec Asst.	Andrea Schiele	04/18/2019 01:56 PM
Form Started By: Sharon Graham		Started On: 04/18/2019 11:00 AM
Final Approval Date: 04/18/2019		

Department	Position	Emp ID Num	Current Annual Salary	Annual Merit Amt	Merit %	New Annual Salary	Lump Sum Merit	Pay Proposal Reason	Effective Date of Change
County Court at Law 1	Office Spec Co Ct 1.0699.001100.	05375	$44,762.04	n/a	2	$44,762.04	$895.23	merit	4/26/2019

				(TO)	(FROM)
entity	fund	dept	object	dr	cr
01	0100	0426	001100	895.23	
01	0100	0426	001130		895.23

Organization	Position	Current Annual Sal	Requested/New Annual Sal	Lumpsum Merit	PCN	Budget Amt	Merit	Adj Budget
County Court at Law 1	Office Spec Co Ct 1.0699.001100.	44762.0368	44762.0368	895.23	699	44762.05	895.23	45657.28

Department	PCN	EE ID	Current Annual Salary	*New Annual Salary	Current Position Budget Amount	*New Position Budget Amount	Reduction to Position Budget	Increase to Position Budget	Change notes	Earliest Oracle Effective Date
405: Veterans Services	1614	vacant	n/a	n/a	$32,407.00	no change	n/a	n/a	Title change only: from Admin Specialist Vets to Admin Specialist. *This update allows for consistency of titles within the*	4/23/2019

*Amount may vary slightly due to Oracle rounding

Commissioners Court - Regular Session **9.**

Meeting Date: 04/23/2019

Asset Auction Technology 4/23/2019

Submitted For: Randy Barker **Submitted By:** Lyn Mazey, 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 one (1) laptop and one (1) toughbook, pursuant to Tx. Local Gov't Code 263.152.

Background

Please see attached lists for details.

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

Auction Tech 04/23/2019

Form Review

Inbox	Reviewed By	Date
Purchasing (Originator)	Randy Barker	04/17/2019 04:10 PM
County Judge Exec Asst.	Andrea Schiele	04/17/2019 04:56 PM
Form Started By: Lyn Mazey		Started On: 04/11/2019 03:44 PM
Final Approval Date: 04/17/2019		

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 Latitude 10 - surface 7102-7	ST - 84FWRT1		

Parties involved:

FROM (Transferor Department): Information Technlogy (Dept 503)

Transferor - Elected Official/Department Head/ Authorized Staff:

Tammy McCulley
Print Name

Tammy McCulley
Signature — 4/11/2019 Date

Contact Person:

Tammy McCulley
Print Name

943-1455
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
APR 11 2019
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

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)
	See attached list			

Parties involved:

FROM (Transferor Department): Sheriff's Office - Dept 560

Transferor - Elected Official/Department Head/ Authorized Staff:

Chief Tim Ryle
Print Name

T Ryle 4.16.19
Signature Date

Contact Person:

CMDR Gary Haston
Print Name

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:

Print Name

Phone Number

RECEIVED
APR 17 2019
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 _____

3/29/2019

Wilco #	Service Tag/SN	Item	Dept
	1ATYA90254	Panasonic CF-52 GUNBE2B	SO

A IT

Tough book

RECEIVED

APR 17 2019

AUDITOR'S OFFICE
WILLIAMSON COUNTY, TEXAS

Commissioners Court - Regular Session **10.**

Meeting Date: 04/23/2019

Justice of the Peace 3 January, February and March 2019 Monthly Report

Submitted For: Evelyn McLean **Submitted By:** Mary Alcala, J.P. Pct. #3

Department: J.P. Pct. #3

Agenda Category: Consent

Information

Agenda Item

Discuss, consider and take appropriate action to approve Justice of the Peace, Pct. 3, January, February and March 2019 Monthly Report in compliance with Code of Criminal Procedure § 103.005.

Background

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

CCP 103.005 - January 2019

CCP 103.005 - February 2019

CCP 103.005 - March, 2019

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Andrea Schiele	04/12/2019 09:40 AM
J.P. Pct. #3 (Originator)	Cherie Vasquez	04/12/2019 11:27 AM
J.P. Pct. #3 (Originator)	Mary Alcala	04/12/2019 11:35 AM
Form Started By: Mary Alcala		Started On: 04/11/2019 04:22 PM
Final Approval Date: 04/12/2019		

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 Evelyn McLean, Justice of the Peace, Precinct 3, Williamson County, who, on her oath, stated that the attached report of money collected is a true and correct report for the month of January 2019.

Evelyn McLean

JUSTICE COURT PRECINCT 3 WILLIAMSON COUNTY, TEXAS

EVELYN McLEAN
JUSTICE OF THE PEACE
PRECINCT THREE

On this 4 day of April 2019, to certify which witness my hand and seal of office.

Laurie Ann Field

LAURIE ANN FIELD
Notary Public, State of Texas
My Commission Expires
October 19, 2019

NOTARY PUBLIC
in and for the State of Texas

Payment Report - Fee Code Summary

TXWILLIAMSONPROD

Transaction Date: **01/01/2019 - 01/31/2019** Case Categories: **Civil**
Locations: **JP3**

Payment Type: **Cash Bond Deposit; E-Filing Payment; ...**

Fee Code Summary

Code Word	Description	Gross		Positive Adjustments		Negative Adjustments		Net	
		Amount	Number	Amount	Number	Amount	Number	Amount	Number
CCOP	Civil Copies	34.50	16	0.00	0	0.00	0	34.50	16
CERT	Certified Copy	14.00	4	0.00	0	0.00	0	14.00	4
CONT3	Constable Service Fee Pct #3	5,040.00	58	0.00	0	0.00	0	5,040.00	58
EFCR	E-Filing Cost Recovery Fee ($2)	696.00	348	0.00	0	0.00	0	696.00	348
EFF	Electronic Filing Fee	1,850.00	186	0.00	0	0.00	0	1,850.00	186
ISF	Indigent Legal Services Fee	1,110.00	186	0.00	0	0.00	0	1,110.00	186
JCF	Civil Filing Fee	4,200.00	168	0.00	0	0.00	0	4,200.00	168
JCTF	Judicial/Court Training Fee Due to State	925.00	186	0.00	0	0.00	0	925.00	186
JURY	Jury Fee	22.00	1	0.00	0	0.00	0	22.00	1
ORET	Order of Retrieval	25.00	1	0.00	0	0.00	0	25.00	1
SCFF	Small Claims Filing Fee	400.00	17	0.00	0	0.00	0	400.00	17
WEXEC	Writ of Execution	5.00	1	0.00	0	0.00	0	5.00	1
WGAR	Writ of Garnishment	15.00	3	0.00	0	0.00	0	15.00	3
WPOSS	Writ of Possession	55.00	12	0.00	0	0.00	0	55.00	12
WSF3	JP3 - Writ Service Fee	1,950.00	14	0.00	0	0.00	0	1,950.00	14

Payment Report - Fee Code Summary

Transaction Date: **01/01/2019 - 01/31/2019** Case Categories: **Civil**
Locations: **JP3**

Payment Type: **Cash Bond Deposit; E-Filing Payment; ...**

Fee Code Summary Totals	Gross		Positive Adjustments		Negative Adjustments		Net	
	Amount	Number	Amount	Number	Amount	Number	Amount	Number
	16,341.50	1,201	0.00	0	0.00	0	16,341.50	1,201

Payment Report - G/L and Fund Summary

TXWILLIAMSONPROD

Transaction Date: **01/01/2019 - 01/31/2019** Case Categories: **Civil**
Locations: **JP3**

Payment Type: **Cash Bond Deposit; E-Filing Payment; ...**

G/L Account	G/L Account Number	Fee Totals
0100 - General Fund		
01-0100-0000-341121 - E-Filing Transaction Fee ($2)	L-004-3-01-0100-0000-341121: 01-0100-0000-341121 - E-Filing Transaction Fee ($2)	696.00
01-0100-0000-341803 - FEES OF OFFICE, JP PCT-3	L-004-3-01-0100-0000-341803: 01-0100-0000-341803 - FEES OF OFFICE, JP PCT #3	4,770.50
01-0100-0000-341903 - CIVIL FEES/OFFICE, CONST 3	L-004-3-01-0100-0000-341903: 01-0100-0000-341903 - Fees of Office, Const. PCT #3	6,990.00
01-0399-0000-208354 - Judicial/Court Train Fee Due to State	L-004-3-01-0399-0000-208354: 01-0399-0000-208354 - Judicial/Court Train Fee Due to State	925.00
	0100 - General Fund Total:	**13,381.50**
0399 - State Agency Fund		
01-0399-0000-208022 - Justice Courts Civil Electronic Filing	L-004-3-01-0399-0000-208022: 01-0399-0000-208022 - JP Ct. Civil Electronic Filing Fee	1,850.00
01-0399-0000-208822 - JP CIVIL LEGAL FEE FOR INDIGEN	L-004-3-01-0399-0000-208822: 01-0399-0000-208822 - JP Civil Legal Fee for Indigent	1,110.00
	0399 - State Agency Fund Total:	**2,960.00**
	Fee Totals for All Funds:	**16,341.50**

Payment Report - Fee Code Summary

TXWILLIAMSONPROD

Transaction Date: **01/01/2019 - 01/31/2019** Case Categories: **Criminal**
Locations: **JP3**

Payment Type: **Cash Bond Deposit; E-Filing Payment; ...**

Fee Code Summary

Code Word	Description	Gross		Positive Adjustments		Negative Adjustments		Net	
		Amount	Number	Amount	Number	Amount	Number	Amount	Number
ADTOLL	Administrative Toll Fee due to TXDOT	31.06	2	0.00	0	0.00	0	31.06	2
AFCA3	Arrest/Service Fee - Const. Pct. 3	21.87	6	0.00	0	0.00	0	21.87	6
AFDPS	Arrest Fee - DPS (CCP 102.011)	1,925.37	514	0.00	0	0.00	0	1,925.37	514
AFFPD	Arrest Fee - Florence Police Department (CCP 102.011)	6.54	2	0.00	0	0.00	0	6.54	2
AFJP	Arrest Fee - Jarrell Police Department (CCP 102.011)	51.30	12	0.00	0	0.00	0	51.30	12
AFPW	Arrest Fee - Texas P&W (CCP 102.011)	18.02	5	0.00	0	0.00	0	18.02	5
AFSO	Arrest Fee - Sheriff's Office (CCP 102.011)	1,257.51	344	0.00	0	0.00	0	1,257.51	344
CB	Cash Bond	800.00	2	0.00	0	0.00	0	800.00	2
CCC	Consolidated Court Costs [Loc. Gov't Code, 133.102]	25,695.31	873	0.00	0	0.00	0	25,695.31	873
CFINE	County Fine	73,027.67	789	0.00	0	0.00	0	73,027.67	789
CHS	Courthouse Security Fee (CCP 102.017)	1,970.02	886	0.00	0	0.00	0	1,970.02	886
CHSJC	JP Security Fee (CCP 102.017)	656.63	886	0.00	0	0.00	0	656.63	886
CJS	Criminal Judicial Support Fee (LGC 103.105)	1.19	7	0.00	0	0.00	0	1.19	7
COLLFEE	Collection Agency Fee	3,493.58	81	0.00	0	0.00	0	3,493.58	81
COPY	Copies	1.00	1	0.00	0	0.00	0	1.00	1
CRFEEOVER	Criminal Overpayment Fee	18.00	2	0.00	0	0.00	0	18.00	2
CSSF	Child Safety School Fee (CCP 102.014(c))	25.00	1	0.00	0	0.00	0	25.00	1
DDF	Deferred Disposition Fee	584.54	5	0.00	0	0.00	0	584.54	5
DIS	Dismissal Fee	490.00	49	0.00	0	0.00	0	490.00	49
DSC	Driver's Safety Course Fee (CCP 45.0511(f))	1,378.59	141	0.00	0	0.00	0	1,378.59	141
FNTC1	Child Safety Seat Fine Trauma Center	239.25	5	0.00	0	0.00	0	239.25	5
IDF	Indigent Defense Fee (LGC 133.107)	1,284.04	868	0.00	0	0.00	0	1,284.04	868
JCTF	Justice Court Technology Fee (CCP 102.0173)	2,626.55	887	0.00	0	0.00	0	2,626.55	887
JF	Jury Fee	2.60	7	0.00	0	0.00	0	2.60	7
JFR	Jury Reimbursement Fee (CCP 102.0045)	2,569.49	871	0.00	0	0.00	0	2,569.49	871
JFTA	Jury Failure To Appear	326.17	7	0.00	0	0.00	0	326.17	7
JS	Jury Summons Fee	4.29	8	0.00	0	0.00	0	4.29	8
JTP	Juvenile Truancy Program (CCP 102.0174)	3,272.26	879	0.00	0	0.00	0	3,272.26	879
JTPDC	Juvenile Truancy Prev/Diversion Due to County (CCP 102.015)	636.22	852	0.00	0	0.00	0	636.22	852

Payment Report - Fee Code Summary

TXWILLIAMSONPROD

Transaction Date: **01/01/2019 - 01/31/2019** Case Categories: **Criminal**
Locations: **JP3**

Payment Type: **Cash Bond Deposit; E-Filing Payment; ...**

Fee Code Summary

Code Word	Description	Gross		Positive Adjustments		Negative Adjustments		Net	
		Amount	Number	Amount	Number	Amount	Number	Amount	Number
JTPDS	Juvenile Truancy Prev/Diversion Due to State (CCP 102.015)	636.22	852	0.00	0	0.00	0	636.22	852
JUSFC	Judicial Support Fund - County (LGC 133.105)	384.29	863	0.00	0	0.00	0	384.29	863
JUSFS	Judicial Support Fund - State (LGC 133.105)	3,468.20	871	0.00	0	0.00	0	3,468.20	871
MVF	Moving Violation Fee (CCP 102.022)	48.54	618	0.00	0	0.00	0	48.54	618
OMNI	OMNI Fee	667.15	160	0.00	0	0.00	0	667.15	160
OMNIC	OMNI Fee - County	444.70	160	0.00	0	0.00	0	444.70	160
OMNIS	OMNI Fee - State	2,223.62	161	0.00	0	0.00	0	2,223.62	161
SFC2	Service/Arrest Fee - Const. 2	0.37	1	0.00	0	0.00	0	0.37	1
SFC3	Service/Arrest Fee - Const. 3	6.65	9	0.00	0	0.00	0	6.65	9
SFMCWV	State Fine - Motor Carrier Weight Violation	2,454.00	8	0.00	0	0.00	0	2,454.00	8
SFOC	Service Fee - Out of County	2.57	2	0.00	0	0.00	0	2.57	2
SFS	State Fine - Seatbelt	20.00	1	0.00	0	0.00	0	20.00	1
STF	State Traffic Fee (TC 542.4031)	12,201.98	520	0.00	0	0.00	0	12,201.98	520
TCPF	Teen Court Program Fees - Juvenile (CCP 45. 052(g))	10.00	1	0.00	0	0.00	0	10.00	1
TPC	Time Payment Fee - County	1,274.78	254	0.00	0	0.00	0	1,274.78	254
TPS	Time Payment Fee - State	1,274.79	254	0.00	0	0.00	0	1,274.79	254
TPWF	Texas P&W Fine	255.85	5	0.00	0	0.00	0	255.85	5
UFA	Uniform Traffic Act (TC 542.403)	1,220.18	518	0.00	0	0.00	0	1,220.18	518
WARC1	Warrant Fee - Constable Pct. 1	218.75	5	0.00	0	0.00	0	218.75	5
WARC3	Warrant Fee - Constable Pct. 3	1,809.44	72	0.00	0	0.00	0	1,809.44	72
WARC4	Warrant Fee - Constable Pct. 4	9.63	2	0.00	0	0.00	0	9.63	2
WCSO	Williamson County Sheriff	715.09	20	0.00	0	0.00	0	715.09	20
WFDPS	Warrant Fee - DPS	96.54	7	0.00	0	0.00	0	96.54	7

Payment Report - Fee Code Summary

Transaction Date: **01/01/2019 - 01/31/2019** Case Categories: **Criminal**
Locations: **JP3**

Payment Type: **Cash Bond Deposit; E-Filing Payment; ...**

Fee Code Summary Totals	Gross		Positive Adjustments		Negative Adjustments		Net	
	Amount	Number	Amount	Number	Amount	Number	Amount	Number
	151,857.41	14,356	0.00	0	0.00	0	151,857.41	14,356

Payment Report - G/L and Fund Summary

TXWILLIAMSONPROD

Transaction Date: **01/01/2019 - 01/31/2019** Case Categories: **Criminal**
Locations: **JP3**

Payment Type: **Cash Bond Deposit; E-Filing Payment; ...**

G/L Account	G/L Account Number	Fee Totals
0100 - General Fund		
01-0100-0000-207013 - Due to City of Jarrell	L-004-3-01-0100-0000-207013: 01-0100-0000-207013 - Due to City of Jarrell	51.30
01-0100-0000-207017 - Collections Agency Fee	L-004-3-01-0100-0000-207017: 01-0100-0000-207017 - Collections Agency Fee	3,493.58
01-0100-0000-207027 - DUE TO TX TOLLWAYS	L-004-3-01-0100-0000-207027: 01-0100-0000-207027 - DUE TO TX TOLLWAYS	31.06
01-0100-0000-207029 - Florence PD Arrest Fees	L-004-3-01-0100-0000-207029: 01-0100-0000-207029 - Florence PD Arrest Fees	6.54
01-0100-0000-209600 - FINES DUE TO TX PARKS WILDLIFE	L-004-3-01-0100-0000-209600: 01-0100-0000-209600 - FINES DUE TO TX PARKS WILDLIFE	255.85
01-0100-0000-209700 - JP COURTS-REFUNDS	L-004-3-01-0100-0000-209700: 01-0100-0000-209700 - JP COURTS-REFUNDS	18.00
01-0100-0000-341200 - Sheriff Fees (WILCO)	L-004-3-01-0100-0000-341200: 01-0100-0000-341200 - Sheriff Fees (WILCO)	1,972.60
01-0100-0000-341803 - FEES OF OFFICE, JP PCT-3	L-004-3-01-0100-0000-341803: 01-0100-0000-341803 - FEES OF OFFICE, JP PCT #3	3,679.48
01-0100-0000-341911 - CRIMINAL FEES/OFFICE, CONST 1	L-004-3-01-0100-0000-341911: 01-0100-0000-341911 - Fees of Office, Crim. Const PCT #1	218.75
01-0100-0000-341912 - CRIMINAL FEES/OFFICE, CONST 2	L-004-3-01-0100-0000-341912: 01-0100-0000-341912 - Fees of Office, Crim. Const PCT #2	0.37
01-0100-0000-341913 - CRIMINAL FEES/OFFICE, CONST 3	L-004-3-01-0100-0000-341913: 01-0100-0000-341913 - Fees of Office, Crim. Const PCT #3	1,842.25
01-0100-0000-341914 - CRIMINAL FEES/OFFICE, CONST 4	L-004-3-01-0100-0000-341914: 01-0100-0000-341914 - Fees of Office, Crim. Const PCT #4	9.63
01-0100-0000-351303 - FINES, JP PCT-3	L-004-3-01-0100-0000-351303: 01-0100-0000-351303 - FINES, JP PCT #3	73,027.67
01-0100-0453-004002 - JP3 Juror Payments	L-004-3-01-0100-0453-004002: 01-0100-0453-004002 - JP3 Juror Payments	326.17
	0100 - General Fund Total:	**84,933.25**
0353 - Teen Court Program Fees		
01-0353-0000-341916 - Teen Court Program Fees	L-004-3-01-0353-0000-341916: 01-0353-0000-341916 - Teen Court Program Fees	10.00
	0353 - Teen Court Program Fees Total:	**10.00**
0360 - Courthouse Security Fund		
01-0360-0000-341150 - COURTHOUSE SECURITY FEES	L-004-3-01-0360-0000-341150: 01-0360-0000-341150 - Courthouse Security Fees	1,970.02
	0360 - Courthouse Security Fund Total:	**1,970.02**
0361 - JP Security Fund		
01-0361-0000-341153 - JP 3 SECURITY FEES	L-004-3-01-0361-0000-341153: 01-0361-0000-341153 - JP 3 SECURITY FEES	656.63
	0361 - JP Security Fund Total:	**656.63**
0365 - Child Safety Fund		
01-0365-0000-341161 - JP CHILD SAFETY FEE	L-004-3-01-0365-0000-341161: 01-0365-0000-341161 - JP CHILD SAFETY FEE	25.00
	0365 - Child Safety Fund Total:	**25.00**

Payment Report - G/L and Fund Summary

TXWILLIAMSONPROD

Transaction Date: **01/01/2019 - 01/31/2019** Case Categories: **Criminal**
Locations: **JP3** Payment Type: **Cash Bond Deposit; E-Filing Payment; ...**

G/L Account	G/L Account Number	Fee Totals
0367 - JP-3 Truancy Program Fund		
01-0367-0000-370000 - JP-3 Truancy Program Fees	L-004-3-01-0367-0000-370000: 01-0367-0000-370000 - JP-3 Truancy Program Fee	3,272.26
	0367 - JP-3 Truancy Program Fund Total:	**3,272.26**
0372 - Justice Court Technology Fund		
01-0372-0000-341143 - JP 3 TECHNOLOGY FEES	L-004-3-01-0372-0000-341143: 01-0372-0000-341143 - JP #3 TECHNOLOGY FEES	2,626.55
	0372 - Justice Court Technology Fund Total:	**2,626.55**
0399 - State Agency Fund		
01-0399-0000-208033 - JP 3 Truancy Prev/Diversion - State	L-004-3-01-0399-0000-208033: 01-0399-0000-208033 - JP 3 Truancy Prev/Diversion - State	1,272.44
01-0399-0000-208160 - CCC FEES DUE TO STATE COMP	L-004-3-01-0399-0000-208160: 01-0399-0000-208160 - Consolidated Court Costs	25,695.31
01-0399-0000-208235 - JURY SERVICE FEES DUE TO STATE	L-004-3-01-0399-0000-208235: 01-0399-0000-208235 - Jury Service Fee	2,569.49
01-0399-0000-208352 - CRIMINAL JUDICIAL SUPPORT DUE	L-004-3-01-0399-0000-208352: 01-0399-0000-208352 - Support of the Judiciary Fund	3,853.68
01-0399-0000-208400 - DPS ARREST FEES DUE TO STATE	L-004-3-01-0399-0000-208400: 01-0399-0000-208400 - Texas Highway Patrol Arrest Fees	2,039.93
01-0399-0000-208415 - MOVING VIOLATION FEE DUE TO ST	L-004-3-01-0399-0000-208415: 01-0399-0000-208415 - Moving Violation Fee Due to State	48.54
01-0399-0000-208425 - ST TRAFFIC FEES DUE TO STATE	L-004-3-01-0399-0000-208425: 01-0399-0000-208425 - State Traffic Fee	12,201.98
01-0399-0000-208703 - INDIGENT DEF FEES - DUE TO ST	L-004-3-01-0399-0000-208703: 01-0399-0000-208703 - Indigent Defense Fee	1,284.04
01-0399-0000-208720 - SEATBELT FINES	L-004-3-01-0399-0000-208720: 01-0399-0000-208720 - Seatbelt Fines	259.25
01-0399-0000-208750 - TLFTA FEES DUE TO STATE COMP	L-004-3-01-0399-0000-208750: 01-0399-0000-208750 - Traffic Law Failure To Appear	3,335.47
01-0399-0000-208850 - WEIGHT VIOLATION FINES DUE TO	L-004-3-01-0399-0000-208850: 01-0399-0000-208850 - Weight Violation Fines	2,454.00
01-0399-0000-208860 - TIME PYMT FEES DUE TO STATE	L-004-3-01-0399-0000-208860: 01-0399-0000-208860 - Time Payment	2,549.57
	0399 - State Agency Fund Total:	**57,563.70**
JP BOND		
01-0100-0000-207020 - JP3 Bond Liability Account	L-004-3-02-00002: JP3 Registry Bond Account Liability	800.00
	JP BOND Total:	**800.00**
	Fee Totals for All Funds:	**151,857.41**

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 Evelyn McLean, Justice of the Peace, Precinct 3, Williamson County, who, on her oath, stated that the attached report of money collected is a true and correct report for the month of February 2019.

Evelyn McLean

JUSTICE COURT PRECINCT 3 WILLIAMSON COUNTY, TEXAS

EVELYN McLEAN
JUSTICE OF THE PEACE
PRECINCT THREE

On this 4 day of April 2019, to certify which witness my hand and seal of office.

Laurie Ann Field

LAURIE ANN FIELD
Notary Public, State of Texas
My Commission Expires
October 19, 2019

NOTARY PUBLIC
in and for the State of Texas

Payment Report - Fee Code Summary

TXWILLIAMSONPROD

Transaction Date: **02/01/2019 - 02/28/2019** Case Categories: **Civil**
Locations: **JP3**

Payment Type: **Cash Bond Deposit; E-Filing Payment; ...**

Fee Code Summary

Code Word	Description	Gross		Positive Adjustments		Negative Adjustments		Net	
		Amount	Number	Amount	Number	Amount	Number	Amount	Number
BF	Bond Forfeiture	220.00	1	0.00	0	0.00	0	220.00	1
CCOP	Civil Copies	20.75	7	0.00	0	0.00	0	20.75	7
CERT	Certified Copy	5.50	1	0.00	0	0.00	0	5.50	1
CONT3	Constable Service Fee Pct #3	4,970.00	59	0.00	0	0.00	0	4,970.00	59
EFCR	E-Filing Cost Recovery Fee ($2)	586.08	294	0.00	0	0.00	0	586.08	294
EFF	Electronic Filing Fee	1,600.42	161	0.00	0	0.00	0	1,600.42	161
ISF	Indigent Legal Services Fee	960.25	161	0.00	0	0.00	0	960.25	161
JCF	Civil Filing Fee	3,800.00	152	0.00	0	0.00	0	3,800.00	152
JCTF	Judicial/Court Training Fee Due to State	800.21	161	0.00	0	0.00	0	800.21	161
SCFF	Small Claims Filing Fee	201.04	9	0.00	0	0.00	0	201.04	9
WEXEC	Writ of Execution	5.00	1	0.00	0	0.00	0	5.00	1
WGAR	Writ of Garnishment	5.00	1	0.00	0	0.00	0	5.00	1
WPOSS	Writ of Possession	20.00	4	0.00	0	0.00	0	20.00	4
WSF3	JP3 - Writ Service Fee	750.00	5	0.00	0	0.00	0	750.00	5

Payment Report - Fee Code Summary

Transaction Date: **02/01/2019 - 02/28/2019** Case Categories: **Civil**
Locations: **JP3**

Payment Type: **Cash Bond Deposit; E-Filing Payment;**

Fee Code Summary Totals	Gross		Positive Adjustments		Negative Adjustments		Net	
	Amount	Number	Amount	Number	Amount	Number	Amount	Number
	13,944.25	1,017	0.00	0	0.00	0	13,944.25	1,017

Payment Report - G/L and Fund Summary

TXWILLIAMSONPROD

Transaction Date: **02/01/2019 - 02/28/2019** Case Categories: **Civil**
Locations: **JP3**

Payment Type: **Cash Bond Deposit; E-Filing Payment; ...**

G/L Account	G/L Account Number	Fee Totals
0100 - General Fund		
01-0100-0000-341121 - E-Filing Transaction Fee ($2)	L-004-3-01-0100-0000-341121: 01-0100-0000-341121 - E-Filing Transaction Fee ($2)	586.08
01-0100-0000-341803 - FEES OF OFFICE, JP PCT-3	L-004-3-01-0100-0000-341803: 01-0100-0000-341803 - FEES OF OFFICE, JP PCT #3	4,057.29
01-0100-0000-341903 - CIVIL FEES/OFFICE, CONST 3	L-004-3-01-0100-0000-341903: 01-0100-0000-341903 - Fees of Office, Const. PCT #3	5,720.00
01-0100-0000-352300 - JP'S CASH/SURETY BOND FORF	L-004-3-01-0100-0000-352300: 01-0100-0000-352300 - JP'S CASH/SURETY BOND FORF	220.00
01-0399-0000-208354 - Judicial/Court Train Fee Due to State	L-004-3-01-0399-0000-208354: 01-0399-0000-208354 - Judicial/Court Train Fee Due to State	800.21
	0100 - General Fund Total:	**11,383.58**
0399 - State Agency Fund		
01-0399-0000-208022 - Justice Courts Civil Electronic Filing	L-004-3-01-0399-0000-208022: 01-0399-0000-208022 - JP Ct. Civil Electronic Filing Fee	1,600.42
01-0399-0000-208822 - JP CIVIL LEGAL FEE FOR INDIGEN	L-004-3-01-0399-0000-208822: 01-0399-0000-208822 - JP Civil Legal Fee for Indigent	960.25
	0399 - State Agency Fund Total:	**2,560.67**
	Fee Totals for All Funds:	**13,944.25**

Payment Report - Fee Code Summary

TXWILLIAMSONPROD

Transaction Date: **02/01/2019 - 02/28/2019** Case Categories: **Criminal**
Locations: **JP3**

Payment Type: **Cash Bond Deposit; E-Filing Payment; ...**

Fee Code Summary

Code Word	Description	Gross		Positive Adjustments		Negative Adjustments		Net	
		Amount	Number	Amount	Number	Amount	Number	Amount	Number
ADTOLL	Administrative Toll Fee due to TXDOT	26.88	2	0.00	0	0.00	0	26.88	2
AFCA3	Arrest/Service Fee - Const. Pct. 3	17.72	5	0.00	0	0.00	0	17.72	5
AFDPS	Arrest Fee - DPS (CCP 102.011)	1,906.08	510	0.00	0	0.00	0	1,906.08	510
AFFPD	Arrest Fee - Florence Police Department (CCP 102.011)	6.54	2	0.00	0	0.00	0	6.54	2
AFJP	Arrest Fee - Jarrell Police Department (CCP 102.011)	24.72	8	0.00	0	0.00	0	24.72	8
AFPW	Arrest Fee - Texas P&W (CCP 102.011)	3.02	2	0.00	0	0.00	0	3.02	2
AFSO	Arrest Fee - Sheriff's Office (CCP 102.011)	1,570.62	411	0.00	0	0.00	0	1,570.62	411
CCC	Consolidated Court Costs [Loc. Gov't Code, 133.102]	26,976.57	910	0.00	0	0.00	0	26,976.57	910
CFINE	County Fine	87,116.08	896	0.00	0	0.00	0	87,116.08	896
CHS	Courthouse Security Fee (CCP 102.017)	2,121.89	944	0.00	0	0.00	0	2,121.89	944
CHSJC	JP Security Fee (CCP 102.017)	705.36	941	0.00	0	0.00	0	705.36	941
CJS	Criminal Judicial Support Fee (LGC 103.105)	0.86	6	0.00	0	0.00	0	0.86	6
COLLFEE	Collection Agency Fee	7,822.04	148	0.00	0	0.00	0	7,822.04	148
COPIES	Certified Copies	6.00	3	0.00	0	0.00	0	6.00	3
DDF	Deferred Disposition Fee	130.00	4	0.00	0	0.00	0	130.00	4
DIS	Dismissal Fee	600.00	60	0.00	0	0.00	0	600.00	60
DSC	Driver's Safety Course Fee (CCP 45.0511(f))	1,158.92	120	0.00	0	0.00	0	1,158.92	120
FNTC1	Child Safety Seat Fine Trauma Center	155.90	3	0.00	0	0.00	0	155.90	3
IDF	Indigent Defense Fee (LGC 133.107)	1,344.43	903	0.00	0	0.00	0	1,344.43	903
JCTF	Justice Court Technology Fee (CCP 102.0173)	2,829.38	944	0.00	0	0.00	0	2,829.38	944
JF	Jury Fee	1.05	5	0.00	0	0.00	0	1.05	5
JFR	Jury Reimbursement Fee (CCP 102.0045)	2,689.48	905	0.00	0	0.00	0	2,689.48	905
JFTA	Jury Failure To Appear	183.82	5	0.00	0	0.00	0	183.82	5
JS	Jury Summons Fee	1.75	5	0.00	0	0.00	0	1.75	5
JTP	Juvenile Truancy Program (CCP 102.0174)	3,518.38	934	0.00	0	0.00	0	3,518.38	934
JTPDC	Juvenile Truancy Prev/Diversion Due to County (CCP 102.015)	659.12	878	0.00	0	0.00	0	659.12	878
JTPDS	Juvenile Truancy Prev/Diversion Due to State (CCP 102.015)	659.11	878	0.00	0	0.00	0	659.11	878
JUSFC	Judicial Support Fund - County (LGC 133.105)	402.48	898	0.00	0	0.00	0	402.48	898
JUSFS	Judicial Support Fund - State (LGC 133.105)	3,630.17	905	0.00	0	0.00	0	3,630.17	905

Payment Report - Fee Code Summary

Transaction Date: **02/01/2019 - 02/28/2019** Case Categories: **Criminal**
Locations: **JP3**

Payment Type: **Cash Bond Deposit; E-Filing Payment; ...**

Fee Code Summary

Code Word	Description	Gross		Positive Adjustments		Negative Adjustments		Net	
		Amount	Number	Amount	Number	Amount	Number	Amount	Number
LT10	Overpayments < $10	10.00	2	0.00	0	0.00	0	10.00	2
MVF	Moving Violation Fee (CCP 102.022)	50.61	638	0.00	0	0.00	0	50.61	638
OMNI	OMNI Fee	781.54	181	0.00	0	0.00	0	781.54	181
OMNIC	OMNI Fee - County	521.06	181	0.00	0	0.00	0	521.06	181
OMNIS	OMNI Fee - State	2,605.24	183	0.00	0	0.00	0	2,605.24	183
SFC1	Service/Arrest Fee - Const. 1	10.00	1	0.00	0	0.00	0	10.00	1
SFC2	Service/Arrest Fee - Const. 2	0.37	1	0.00	0	0.00	0	0.37	1
SFC3	Service/Arrest Fee - Const. 3	44.41	12	0.00	0	0.00	0	44.41	12
SFMCWV	State Fine - Motor Carrier Weight Violation	1,605.50	7	0.00	0	0.00	0	1,605.50	7
SFOC	Service Fee - Out of County	1.85	2	0.00	0	0.00	0	1.85	2
SFS	State Fine - Seatbelt	20.00	1	0.00	0	0.00	0	20.00	1
STF	State Traffic Fee (TC 542.4031)	12,380.15	523	0.00	0	0.00	0	12,380.15	523
TCPF	Teen Court Program Fees - Juvenile (CCP 45. 052(g))	40.00	4	0.00	0	0.00	0	40.00	4
TP	Time Payment Fee	26.76	2	0.00	0	0.00	0	26.76	2
TPC	Time Payment Fee - County	1,512.96	267	0.00	0	0.00	0	1,512.96	267
TPS	Time Payment Fee - State	1,512.95	267	0.00	0	0.00	0	1,512.95	267
TPWF	Texas P&W Fine	107.95	3	0.00	0	0.00	0	107.95	3
UFA	Uniform Traffic Act (TC 542.403)	1,238.01	521	0.00	0	0.00	0	1,238.01	521
WARC1	Warrant Fee - Constable Pct. 1	100.00	2	0.00	0	0.00	0	100.00	2
WARC3	Warrant Fee - Constable Pct. 3	3,187.82	104	0.00	0	0.00	0	3,187.82	104
WARC4	Warrant Fee - Constable Pct. 4	5.06	1	0.00	0	0.00	0	5.06	1
WCSO	Williamson County Sheriff	848.47	25	0.00	0	0.00	0	848.47	25
WFDPS	Warrant Fee - DPS	245.53	11	0.00	0	0.00	0	245.53	11

Payment Report - Fee Code Summary

Transaction Date: **02/01/2019 - 02/28/2019** Case Categories: **Criminal**
Locations: **JP3**

Payment Type: **Cash Bond Deposit; E-Filing Payment; ...**

Fee Code Summary Totals	Gross		Positive Adjustments		Negative Adjustments		Net	
	Amount	Number	Amount	Number	Amount	Number	Amount	Number
	173,124.61	15,174	0.00	0	0.00	0	173,124.61	15,174

Payment Report - G/L and Fund Summary

TXWILLIAMSONPROD

Transaction Date: **02/01/2019 - 02/28/2019** Case Categories: **Criminal**
Locations: **JP3**

Payment Type: **Cash Bond Deposit; E-Filing Payment; ...**

G/L Account	G/L Account Number	Fee Totals
0100 - General Fund		
01-0100-0000-207013 - Due to City of Jarrell	L-004-3-01-0100-0000-207013: 01-0100-0000-207013 - Due to City of Jarrell	24.72
01-0100-0000-207017 - Collections Agency Fee	L-004-3-01-0100-0000-207017: 01-0100-0000-207017 - Collections Agency Fee	7,822.04
01-0100-0000-207027 - DUE TO TX TOLLWAYS	L-004-3-01-0100-0000-207027: 01-0100-0000-207027 - DUE TO TX TOLLWAYS	26.88
01-0100-0000-207029 - Florence PD Arrest Fees	L-004-3-01-0100-0000-207029: 01-0100-0000-207029 - Florence PD Arrest Fees	6.54
01-0100-0000-209600 - FINES DUE TO TX PARKS WILDLIFE	L-004-3-01-0100-0000-209600: 01-0100-0000-209600 - FINES DUE TO TX PARKS WILDLIFE	107.95
01-0100-0000-341200 - Sheriff Fees (WILCO)	L-004-3-01-0100-0000-341200: 01-0100-0000-341200 - Sheriff Fees (WILCO)	2,419.09
01-0100-0000-341803 - FEES OF OFFICE, JP PCT-3	L-004-3-01-0100-0000-341803: 01-0100-0000-341803 - FEES OF OFFICE, JP PCT #3	3,135.83
01-0100-0000-341911 - CRIMINAL FEES/OFFICE, CONST 1	L-004-3-01-0100-0000-341911: 01-0100-0000-341911 - Fees of Office, Crim. Const PCT #1	110.00
01-0100-0000-341912 - CRIMINAL FEES/OFFICE, CONST 2	L-004-3-01-0100-0000-341912: 01-0100-0000-341912 - Fees of Office, Crim. Const PCT #2	0.37
01-0100-0000-341913 - CRIMINAL FEES/OFFICE, CONST 3	L-004-3-01-0100-0000-341913: 01-0100-0000-341913 - Fees of Office, Crim. Const PCT #3	3,251.70
01-0100-0000-341914 - CRIMINAL FEES/OFFICE, CONST 4	L-004-3-01-0100-0000-341914: 01-0100-0000-341914 - Fees of Office, Crim. Const PCT #4	5.06
01-0100-0000-351303 - FINES, JP PCT-3	L-004-3-01-0100-0000-351303: 01-0100-0000-351303 - FINES, JP PCT #3	87,116.08
01-0100-0000-370500 - Miscellaneous Revenue	L-004-3-01-0100-0000-370500: 01-0100-0000-370500 - Miscellaneous Revenue	10.00
01-0100-0453-004002 - JP3 Juror Payments	L-004-3-01-0100-0453-004002: 01-0100-0453-004002 - JP3 Juror Payments	183.82
	0100 - General Fund Total:	**104,220.08**
0353 - Teen Court Program Fees		
01-0353-0000-341916 - Teen Court Program Fees	L-004-3-01-0353-0000-341916: 01-0353-0000-341916 - Teen Court Program Fees	40.00
	0353 - Teen Court Program Fees Total:	**40.00**
0360 - Courthouse Security Fund		
01-0360-0000-341150 - COURTHOUSE SECURITY FEES	L-004-3-01-0360-0000-341150: 01-0360-0000-341150 - Courthouse Security Fees	2,121.89
	0360 - Courthouse Security Fund Total:	**2,121.89**
0361 - JP Security Fund		
01-0361-0000-341153 - JP 3 SECURITY FEES	L-004-3-01-0361-0000-341153: 01-0361-0000-341153 - JP 3 SECURITY FEES	705.36
	0361 - JP Security Fund Total:	**705.36**
0367 - JP-3 Truancy Program Fund		
01-0367-0000-370000 - JP-3 Truancy Program Fees	L-004-3-01-0367-0000-370000: 01-0367-0000-370000 - JP-3 Truancy Program Fee	3,518.38
	0367 - JP-3 Truancy Program Fund Total:	**3,518.38**

Payment Report - G/L and Fund Summary

TXWILLIAMSONPROD

Transaction Date: **02/01/2019 - 02/28/2019** Case Categories: **Criminal**
Locations: **JP3**

Payment Type: **Cash Bond Deposit; E-Filing Payment; ...**

G/L Account	G/L Account Number	Fee Totals
0372 - Justice Court Technology Fund		
01-0372-0000-341143 - JP 3 TECHNOLOGY FEES	L-004-3-01-0372-0000-341143: 01-0372-0000-341143 - JP #3 TECHNOLOGY FEES	2,829.38
	0372 - Justice Court Technology Fund Total:	**2,829.38**
0399 - State Agency Fund		
01-0399-0000-208033 - JP 3 Truancy Prev/Diversion - State	L-004-3-01-0399-0000-208033: 01-0399-0000-208033 - JP 3 Truancy Prev/Diversion - State	1,318.23
01-0399-0000-208160 - CCC FEES DUE TO STATE COMP	L-004-3-01-0399-0000-208160: 01-0399-0000-208160 - Consolidated Court Costs	26,976.57
01-0399-0000-208235 - JURY SERVICE FEES DUE TO STATE	L-004-3-01-0399-0000-208235: 01-0399-0000-208235 - Jury Service Fee	2,689.48
01-0399-0000-208352 - CRIMINAL JUDICIAL SUPPORT DUE	L-004-3-01-0399-0000-208352: 01-0399-0000-208352 - Support of the Judiciary Fund	4,033.51
01-0399-0000-208400 - DPS ARREST FEES DUE TO STATE	L-004-3-01-0399-0000-208400: 01-0399-0000-208400 - Texas Highway Patrol Arrest Fees	2,154.63
01-0399-0000-208415 - MOVING VIOLATION FEE DUE TO ST	L-004-3-01-0399-0000-208415: 01-0399-0000-208415 - Moving Violation Fee Due to State	50.61
01-0399-0000-208425 - ST TRAFFIC FEES DUE TO STATE	L-004-3-01-0399-0000-208425: 01-0399-0000-208425 - State Traffic Fee	12,380.15
01-0399-0000-208703 - INDIGENT DEF FEES - DUE TO ST	L-004-3-01-0399-0000-208703: 01-0399-0000-208703 - Indigent Defense Fee	1,344.43
01-0399-0000-208720 - SEATBELT FINES	L-004-3-01-0399-0000-208720: 01-0399-0000-208720 - Seatbelt Fines	175.90
01-0399-0000-208750 - TLFTA FEES DUE TO STATE COMP	L-004-3-01-0399-0000-208750: 01-0399-0000-208750 - Traffic Law Failure To Appear	3,907.84
01-0399-0000-208850 - WEIGHT VIOLATION FINES DUE TO	L-004-3-01-0399-0000-208850: 01-0399-0000-208850 - Weight Violation Fines	1,605.50
01-0399-0000-208860 - TIME PYMT FEES DUE TO STATE	L-004-3-01-0399-0000-208860: 01-0399-0000-208860 - Time Payment	3,052.67
	0399 - State Agency Fund Total:	**59,689.52**
	Fee Totals for All Funds:	**173,124.61**

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 Evelyn McLean, Justice of the Peace, Precinct 3, Williamson County, who, on her oath, stated that the attached report of money collected is a true and correct report for the month of March 2019.

Evelyn McLean

JUSTICE COURT PRECINCT 3 WILLIAMSON COUNTY, TEXAS

EVELYN McLEAN
JUSTICE OF THE PEACE
PRECINCT THREE

On this 4 day of April 2019, to certify which witness my hand and seal of office.

Laurie Ann Field

LAURIE ANN FIELD
Notary Public, State of Texas
My Commission Expires
October 19, 2019

NOTARY PUBLIC
in and for the State of Texas

Payment Report - Fee Code Summary

TXWILLIAMSONPROD

Transaction Date: **03/01/2019 - 03/31/2019** Case Categories: **Civil**
Locations: **JP3**

Payment Type: **Cash Bond Deposit; E-Filing Payment; ...**

Fee Code Summary

Code Word	Description	Gross		Positive Adjustments		Negative Adjustments		Net	
		Amount	Number	Amount	Number	Amount	Number	Amount	Number
BF	Bond Forfeiture	304.00	1	0.00	0	0.00	0	304.00	1
CCFF	Counter/Cross Claim Filing Fee	25.00	1	0.00	0	0.00	0	25.00	1
CCOP	Civil Copies	13.50	8	0.00	0	0.00	0	13.50	8
CERT	Certified Copy	49.00	12	0.00	0	0.00	0	49.00	12
CONT3	Constable Service Fee Pct #3	4,620.00	51	0.00	0	0.00	0	4,620.00	51
EFCR	E-Filing Cost Recovery Fee ($2)	662.01	332	0.00	0	0.00	0	662.01	332
EFF	Electronic Filing Fee	1,660.05	168	0.00	0	0.00	0	1,660.05	168
ISF	Indigent Legal Services Fee	996.03	168	0.00	0	0.00	0	996.03	168
JCF	Civil Filing Fee	3,275.00	132	0.00	0	0.00	0	3,275.00	132
JCTF	Judicial/Court Training Fee Due to State	824.79	166	0.00	0	0.00	0	824.79	166
JURY	Jury Fee	22.00	1	0.00	0	0.00	0	22.00	1
SCFF	Small Claims Filing Fee	850.12	35	0.00	0	0.00	0	850.12	35
TRANS	Transcript	20.00	2	0.00	0	0.00	0	20.00	2
WEXEC	Writ of Execution	5.00	1	0.00	0	0.00	0	5.00	1
WGAR	Writ of Garnishment	5.00	1	0.00	0	0.00	0	5.00	1
WPOSS	Writ of Possession	60.00	11	0.00	0	0.00	0	60.00	11
WSF3	JP3 - Writ Service Fee	1,800.00	12	0.00	0	0.00	0	1,800.00	12

Payment Report - Fee Code Summary

Transaction Date: **03/01/2019 - 03/31/2019** Case Categories: **Civil**
Locations: **JP3**

Payment Type: **Cash Bond Deposit; E-Filing Payment; ...**

Fee Code Summary Totals	Gross		Positive Adjustments		Negative Adjustments		Net	
	Amount	Number	Amount	Number	Amount	Number	Amount	Number
	15,191.50	1,102	0.00	0	0.00	0	15,191.50	1,102

Payment Report - G/L and Fund Summary

TXWILLIAMSONPROD

Transaction Date: **03/01/2019 - 03/31/2019** Case Categories: **Civil**
Locations: **JP3**

Payment Type: **Cash Bond Deposit; E-Filing Payment; ...**

G/L Account	G/L Account Number	Fee Totals
0100 - General Fund		
01-0100-0000-341121 - E-Filing Transaction Fee ($2)	L-004-3-01-0100-0000-341121: 01-0100-0000-341121 - E-Filing Transaction Fee ($2)	662.01
01-0100-0000-341803 - FEES OF OFFICE, JP PCT-3	L-004-3-01-0100-0000-341803: 01-0100-0000-341803 - FEES OF OFFICE, JP PCT #3	4,324.62
01-0100-0000-341903 - CIVIL FEES/OFFICE, CONST 3	L-004-3-01-0100-0000-341903: 01-0100-0000-341903 - Fees of Office, Const. PCT #3	6,420.00
01-0100-0000-352300 - JP'S CASH/SURETY BOND FORF	L-004-3-01-0100-0000-352300: 01-0100-0000-352300 - JP'S CASH/SURETY BOND FORF	304.00
01-0399-0000-208354 - Judicial/Court Train Fee Due to State	L-004-3-01-0399-0000-208354: 01-0399-0000-208354 - Judicial/Court Train Fee Due to State	824.79
	0100 - General Fund Total:	**12,535.42**
0399 - State Agency Fund		
01-0399-0000-208022 - Justice Courts Civil Electronic Filing	L-004-3-01-0399-0000-208022: 01-0399-0000-208022 - JP Ct. Civil Electronic Filing Fee	1,660.05
01-0399-0000-208822 - JP CIVIL LEGAL FEE FOR INDIGEN	L-004-3-01-0399-0000-208822: 01-0399-0000-208822 - JP Civil Legal Fee for Indigent	996.03
	0399 - State Agency Fund Total:	**2,656.08**
	Fee Totals for All Funds:	**15,191.50**

Payment Report - Fee Code Summary

TXWILLIAMSONPROD

Transaction Date: **03/01/2019 - 03/31/2019** Case Categories: **Criminal**
Locations: **JP3**

Payment Type: **Cash Bond Deposit; E-Filing Payment; ...**

Fee Code Summary

Code Word	Description	Gross		Positive Adjustments		Negative Adjustments		Net	
		Amount	Number	Amount	Number	Amount	Number	Amount	Number
ADTOLL	Administrative Toll Fee due to TXDOT	22.95	2	0.00	0	0.00	0	22.95	2
AFCA3	Arrest/Service Fee - Const. Pct. 3	32.64	8	0.00	0	0.00	0	32.64	8
AFDPS	Arrest Fee - DPS (CCP 102.011)	2,458.20	619	0.00	0	0.00	0	2,458.20	619
AFFPD	Arrest Fee - Florence Police Department (CCP 102.011)	11.53	3	0.00	0	0.00	0	11.53	3
AFJP	Arrest Fee - Jarrell Police Department (CCP 102.011)	18.93	5	0.00	0	0.00	0	18.93	5
AFLCR	Arrest Fee - Lower Colorado River Authority	1.39	1	0.00	0	0.00	0	1.39	1
AFPW	Arrest Fee - Texas P&W (CCP 102.011)	16.53	5	0.00	0	0.00	0	16.53	5
AFSO	Arrest Fee - Sheriff's Office (CCP 102.011)	1,897.91	465	0.00	0	0.00	0	1,897.91	465
CB	Cash Bond	1,012.00	3	0.00	0	0.00	0	1,012.00	3
CCC	Consolidated Court Costs [Loc. Gov't Code, 133.102]	34,574.86	1,087	0.00	0	0.00	0	34,574.86	1,087
CFINE	County Fine	104,136.43	1,011	0.00	0	0.00	0	104,136.43	1,011
CHS	Courthouse Security Fee (CCP 102.017)	2,664.60	1,112	0.00	0	0.00	0	2,664.60	1,112
CHSJC	JP Security Fee (CCP 102.017)	887.32	1,110	0.00	0	0.00	0	887.32	1,110
CJS	Criminal Judicial Support Fee (LGC 103.105)	2.86	10	0.00	0	0.00	0	2.86	10
COLLFEE	Collection Agency Fee	12,852.64	216	0.00	0	0.00	0	12,852.64	216
COPIES	Certified Copies	18.50	7	0.00	0	0.00	0	18.50	7
COPY	Copies	2.50	2	0.00	0	0.00	0	2.50	2
CRFEEOVER	Criminal Overpayment Fee	4,160.10	17	0.00	0	0.00	0	4,160.10	17
DDF	Deferred Disposition Fee	1,880.60	26	0.00	0	0.00	0	1,880.60	26
DIS	Dismissal Fee	750.00	75	0.00	0	0.00	0	750.00	75
DSC	Driver's Safety Course Fee (CCP 45.0511(f))	1,603.80	164	0.00	0	0.00	0	1,603.80	164
FNTC1	Child Safety Seat Fine Trauma Center	379.75	7	0.00	0	0.00	0	379.75	7
IDF	Indigent Defense Fee (LGC 133.107)	1,724.76	1,082	0.00	0	0.00	0	1,724.76	1,082
JCTF	Justice Court Technology Fee (CCP 102.0173)	3,552.76	1,112	0.00	0	0.00	0	3,552.76	1,112
JF	Jury Fee	0.75	4	0.00	0	0.00	0	0.75	4
JFR	Jury Reimbursement Fee (CCP 102.0045)	3,454.33	1,085	0.00	0	0.00	0	3,454.33	1,085
JFTA	Jury Failure To Appear	105.95	4	0.00	0	0.00	0	105.95	4
JS	Jury Summons Fee	1.24	4	0.00	0	0.00	0	1.24	4
JTP	Juvenile Truancy Program (CCP 102.0174)	4,412.03	1,099	0.00	0	0.00	0	4,412.03	1,099

Payment Report - Fee Code Summary

TXWILLIAMSONPROD

Transaction Date: **03/01/2019 - 03/31/2019** Case Categories: **Criminal**
Locations: **JP3**

Payment Type: **Cash Bond Deposit; E-Filing Payment; ...**

Fee Code Summary

Code Word	Description	Gross		Positive Adjustments		Negative Adjustments		Net	
		Amount	Number	Amount	Number	Amount	Number	Amount	Number
JTPDC	Juvenile Truancy Prev/Diversion Due to County (CCP 102.015)	838.80	1,048	0.00	0	0.00	0	838.80	1,048
JTPDS	Juvenile Truancy Prev/Diversion Due to State (CCP 102.015)	838.83	1,048	0.00	0	0.00	0	838.83	1,048
JUSFC	Judicial Support Fund - County (LGC 133.105)	515.27	1,075	0.00	0	0.00	0	515.27	1,075
JUSFS	Judicial Support Fund - State (LGC 133.105)	4,660.82	1,085	0.00	0	0.00	0	4,660.82	1,085
LT10	Overpayments < $10	3.20	2	0.00	0	0.00	0	3.20	2
MVF	Moving Violation Fee (CCP 102.022)	63.09	769	0.00	0	0.00	0	63.09	769
OMNI	OMNI Fee	985.18	209	0.00	0	0.00	0	985.18	209
OMNIC	OMNI Fee - County	656.83	209	0.00	0	0.00	0	656.83	209
OMNIS	OMNI Fee - State	3,283.95	209	0.00	0	0.00	0	3,283.95	209
SFC1	Service/Arrest Fee - Const. 1	25.00	4	0.00	0	0.00	0	25.00	4
SFC2	Service/Arrest Fee - Const. 2	15.37	4	0.00	0	0.00	0	15.37	4
SFC3	Service/Arrest Fee - Const. 3	76.87	20	0.00	0	0.00	0	76.87	20
SFC4	Service/Arrest Fee - Const. 4	15.00	2	0.00	0	0.00	0	15.00	2
SFMCWV	State Fine - Motor Carrier Weight Violation	1,660.50	8	0.00	0	0.00	0	1,660.50	8
SFOC	Service Fee - Out of County	11.02	3	0.00	0	0.00	0	11.02	3
SFS	State Fine - Seatbelt	4.25	1	0.00	0	0.00	0	4.25	1
STF	State Traffic Fee (TC 542.4031)	15,403.44	617	0.00	0	0.00	0	15,403.44	617
TCPF	Teen Court Program Fees - Juvenile (CCP 45. 052(g))	140.00	14	0.00	0	0.00	0	140.00	14
TP	Time Payment Fee	1.15	1	0.00	0	0.00	0	1.15	1
TPC	Time Payment Fee - County	1,457.62	252	0.00	0	0.00	0	1,457.62	252
TPS	Time Payment Fee - State	1,457.64	252	0.00	0	0.00	0	1,457.64	252
TPWF	Texas P&W Fine	453.05	5	0.00	0	0.00	0	453.05	5
UFA	Uniform Traffic Act (TC 542.403)	1,540.39	617	0.00	0	0.00	0	1,540.39	617
WARC1	Warrant Fee - Constable Pct. 1	150.00	3	0.00	0	0.00	0	150.00	3
WARC3	Warrant Fee - Constable Pct. 3	2,911.81	92	0.00	0	0.00	0	2,911.81	92
WCSO	Williamson County Sheriff	499.87	15	0.00	0	0.00	0	499.87	15
WFDPS	Warrant Fee - DPS	809.88	26	0.00	0	0.00	0	809.88	26

Payment Report - Fee Code Summary

Transaction Date: **03/01/2019 - 03/31/2019** Case Categories: **Criminal**
Locations: **JP3**

Payment Type: **Cash Bond Deposit; E-Filing Payment; ...**

Fee Code Summary Totals	Gross		Positive Adjustments		Negative Adjustments		Net	
	Amount	Number	Amount	Number	Amount	Number	Amount	Number
	221,116.69	17,935	0.00	0	0.00	0	221,116.69	17,935

Payment Report - G/L and Fund Summary

TXWILLIAMSONPROD

Transaction Date: **03/01/2019 - 03/31/2019** Case Categories: **Criminal**
Locations: **JP3** Payment Type: **Cash Bond Deposit; E-Filing Payment; ...**

G/L Account	G/L Account Number	Fee Totals
0100 - General Fund		
01-0100-0000-207013 - Due to City of Jarrell	L-004-3-01-0100-0000-207013: 01-0100-0000-207013 - Due to City of Jarrell	18.93
01-0100-0000-207017 - Collections Agency Fee	L-004-3-01-0100-0000-207017: 01-0100-0000-207017 - Collections Agency Fee	12,852.64
01-0100-0000-207027 - DUE TO TX TOLLWAYS	L-004-3-01-0100-0000-207027: 01-0100-0000-207027 - DUE TO TX TOLLWAYS	22.95
01-0100-0000-207029 - Florence PD Arrest Fees	L-004-3-01-0100-0000-207029: 01-0100-0000-207029 - Florence PD Arrest Fees	11.53
01-0100-0000-209600 - FINES DUE TO TX PARKS WILDLIFE	L-004-3-01-0100-0000-209600: 01-0100-0000-209600 - FINES DUE TO TX PARKS WILDLIFE	453.05
01-0100-0000-209700 - JP COURTS-REFUNDS	L-004-3-01-0100-0000-209700: 01-0100-0000-209700 - JP COURTS-REFUNDS	4,160.10
01-0100-0000-341200 - Sheriff Fees (WILCO)	L-004-3-01-0100-0000-341200: 01-0100-0000-341200 - Sheriff Fees (WILCO)	2,397.78
01-0100-0000-341803 - FEES OF OFFICE, JP PCT-3	L-004-3-01-0100-0000-341803: 01-0100-0000-341803 - FEES OF OFFICE, JP PCT #3	5,808.95
01-0100-0000-341911 - CRIMINAL FEES/OFFICE, CONST 1	L-004-3-01-0100-0000-341911: 01-0100-0000-341911 - Fees of Office, Crim. Const PCT #1	175.00
01-0100-0000-341912 - CRIMINAL FEES/OFFICE, CONST 2	L-004-3-01-0100-0000-341912: 01-0100-0000-341912 - Fees of Office, Crim. Const PCT #2	15.37
01-0100-0000-341913 - CRIMINAL FEES/OFFICE, CONST 3	L-004-3-01-0100-0000-341913: 01-0100-0000-341913 - Fees of Office, Crim. Const PCT #3	3,022.56
01-0100-0000-341914 - CRIMINAL FEES/OFFICE, CONST 4	L-004-3-01-0100-0000-341914: 01-0100-0000-341914 - Fees of Office, Crim. Const PCT #4	15.00
01-0100-0000-351303 - FINES, JP PCT-3	L-004-3-01-0100-0000-351303: 01-0100-0000-351303 - FINES, JP PCT #3	104,136.43
01-0100-0000-370500 - Miscellaneous Revenue	L-004-3-01-0100-0000-370500: 01-0100-0000-370500 - Miscellaneous Revenue	3.20
01-0100-0453-004002 - JP3 Juror Payments	L-004-3-01-0100-0453-004002: 01-0100-0453-004002 - JP3 Juror Payments	105.95
	0100 - General Fund Total:	**133,199.44**
0353 - Teen Court Program Fees		
01-0353-0000-341916 - Teen Court Program Fees	L-004-3-01-0353-0000-341916: 01-0353-0000-341916 - Teen Court Program Fees	140.00
	0353 - Teen Court Program Fees Total:	**140.00**
0360 - Courthouse Security Fund		
01-0360-0000-341150 - COURTHOUSE SECURITY FEES	L-004-3-01-0360-0000-341150: 01-0360-0000-341150 - Courthouse Security Fees	2,664.60
	0360 - Courthouse Security Fund Total:	**2,664.60**
0361 - JP Security Fund		
01-0361-0000-341153 - JP 3 SECURITY FEES	L-004-3-01-0361-0000-341153: 01-0361-0000-341153 - JP 3 SECURITY FEES	887.32
	0361 - JP Security Fund Total:	**887.32**
0367 - JP-3 Truancy Program Fund		
01-0367-0000-370000 - JP-3 Truancy Program Fees	L-004-3-01-0367-0000-370000: 01-0367-0000-370000 - JP-3 Truancy Program Fee	4,412.03
	0367 - JP-3 Truancy Program Fund Total:	**4,412.03**

Payment Report - G/L and Fund Summary

TXWILLIAMSONPROD

Transaction Date: **03/01/2019 - 03/31/2019** Case Categories: **Criminal**
Locations: **JP3**

Payment Type: **Cash Bond Deposit; E-Filing Payment; ...**

G/L Account	G/L Account Number	Fee Totals
0372 - Justice Court Technology Fund		
01-0372-0000-341143 - JP 3 TECHNOLOGY FEES	L-004-3-01-0372-0000-341143: 01-0372-0000-341143 - JP #3 TECHNOLOGY FEES	3,552.76
	0372 - Justice Court Technology Fund Total:	**3,552.76**
0399 - State Agency Fund		
01-0399-0000-208033 - JP 3 Truancy Prev/Diversion - State	L-004-3-01-0399-0000-208033: 01-0399-0000-208033 - JP 3 Truancy Prev/Diversion - State	1,677.63
01-0399-0000-208160 - CCC FEES DUE TO STATE COMP	L-004-3-01-0399-0000-208160: 01-0399-0000-208160 - Consolidated Court Costs	34,574.86
01-0399-0000-208235 - JURY SERVICE FEES DUE TO STATE	L-004-3-01-0399-0000-208235: 01-0399-0000-208235 - Jury Service Fee	3,454.33
01-0399-0000-208352 - CRIMINAL JUDICIAL SUPPORT DUE	L-004-3-01-0399-0000-208352: 01-0399-0000-208352 - Support of the Judiciary Fund	5,178.95
01-0399-0000-208400 - DPS ARREST FEES DUE TO STATE	L-004-3-01-0399-0000-208400: 01-0399-0000-208400 - Texas Highway Patrol Arrest Fees	3,284.61
01-0399-0000-208415 - MOVING VIOLATION FEE DUE TO ST	L-004-3-01-0399-0000-208415: 01-0399-0000-208415 - Moving Violation Fee Due to State	63.09
01-0399-0000-208425 - ST TRAFFIC FEES DUE TO STATE	L-004-3-01-0399-0000-208425: 01-0399-0000-208425 - State Traffic Fee	15,403.44
01-0399-0000-208703 - INDIGENT DEF FEES - DUE TO ST	L-004-3-01-0399-0000-208703: 01-0399-0000-208703 - Indigent Defense Fee	1,724.76
01-0399-0000-208720 - SEATBELT FINES	L-004-3-01-0399-0000-208720: 01-0399-0000-208720 - Seatbelt Fines	384.00
01-0399-0000-208750 - TLFTA FEES DUE TO STATE COMP	L-004-3-01-0399-0000-208750: 01-0399-0000-208750 - Traffic Law Failure To Appear	4,925.96
01-0399-0000-208850 - WEIGHT VIOLATION FINES DUE TO	L-004-3-01-0399-0000-208850: 01-0399-0000-208850 - Weight Violation Fines	1,660.50
01-0399-0000-208860 - TIME PYMT FEES DUE TO STATE	L-004-3-01-0399-0000-208860: 01-0399-0000-208860 - Time Payment	2,916.41
	0399 - State Agency Fund Total:	**75,248.54**
JP BOND		
01-0100-0000-207020 - JP3 Bond Liability Account	L-004-3-02-00002: JP3 Registry Bond Account Liability	1,012.00
	JP BOND Total:	**1,012.00**
	Fee Totals for All Funds:	**221,116.69**

Commissioners Court - Regular Session **11.**

Meeting Date: 04/23/2019

Justice of the Peace 4 March 2019 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, March 2019 Monthly Report in compliance with Code of Crim. Proc. § 103.005.

Background

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

JP4 EOM MAR 2019

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Andrea Schiele	04/17/2019 02:38 PM
Form Started By: Veronica Bolander		Started On: 04/17/2019 02:20 PM
Final Approval Date: 04/17/2019		

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 Stacy Hackenberg, 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 March 2019.

S Hackenberg

JUSTICE COURT PRECINCT 4 WILLIAMSON COUNTY, TEXAS

STACY HACKENBERG
JUSTICE OF THE PEACE
PRECINCT FOUR

On this 12th day of April 2019, to certify which witness my hand and seal of office.

VERONICA BOLANDER
My Notary ID # 2676312
Expires October 7, 2019

Veronica Bolander

NOTARY PUBLIC in and for the State of Texas

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 03/01/2019-03/31/2019

Date Printed: 4/12/2019
Time Printed: 11:35:36AM

FEE CODE	FEE DESC	ITEMS	TOT PAID	TOT MONEY	CASH	CHECKS	MO	HB 2398	CC	JT	CSR	OTHER	GL CODE
ABSTRACT	ABSTRACT OF JUDGMENT	1	5.00	5.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0100-0000-341804
COPIES	COPIES	6	21.00	21.00	5.25	0.00	0.00	0.00	15.75	0.00	0.00	0.00	0100-0000-341804
COUNTER	COUNTER-CLAIM FILING FEE	1	25.00	25.00	0.00	25.00	0.00	0.00	0.00	0.00	0.00	0.00	0100-0000-341804
EVICTION	EVICTION FILING FEE	57	1,375.00	1,375.00	100.00	475.00	0.00	0.00	800.00	0.00	0.00	0.00	0100-0000-341804
INDIGENT	CIVIL INDIGENT FEE	177	1,038.00	1,038.00	30.00	786.00	0.00	0.00	222.00	0.00	0.00	0.00	0399-0000-208822
SERVE 4	CONSTABLE PRECINCT 4 SEF	93	6,370.00	6,370.00	420.00	2,310.00	0.00	0.00	3,640.00	0.00	0.00	0.00	0100-0000-341904
SMALLCLAM	SMALL CLAIMS FILING FEE	8	200.00	200.00	25.00	75.00	0.00	0.00	100.00	0.00	0.00	0.00	0100-0000-341804
WRIT POSS	WRIT OF POSSESSION	11	55.00	55.00	10.00	5.00	0.00	0.00	40.00	0.00	0.00	0.00	0100-0000-341804
WSERVE 4	CONSTABLE PRECINCT 4 - W	11	1,650.00	1,650.00	300.00	150.00	0.00	0.00	1,200.00	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	3	15.00	15.00	10.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0100-0000-341804
CERTCOPIE	CERTIFIED COPIES	18	24.00	24.00	6.00	0.00	0.00	0.00	18.00	0.00	0.00	0.00	0100-0000-341804
DEBTCLAIM	DEBTCLAIM	110	2,700.00	2,700.00	0.00	2,700.00	0.00	0.00	0.00	0.00	0.00	0.00	0100.0000.341804
EF	E-FILING STATE FEE	177	1,730.00	1,730.00	50.00	1,310.00	0.00	0.00	370.00	0.00	0.00	0.00	01-0399-0000-20802
JCPTF	JUDICIAL COURT PERSOI	177	865.00	865.00	25.00	655.00	0.00	0.00	185.00	0.00	0.00	0.00	01-0399-0000-20835
OCC LICENSE	OCCUPATIONAL LICENSE	1	25.00	25.00	0.00	0.00	0.00	0.00	25.00	0.00	0.00	0.00	0100.0000.341804
TCF	TRUANT CONDUCT FEE	23	850.00	850.00	270.00	0.00	100.00	0.00	480.00	0.00	0.00	0.00	01-0369-0000-34191
TRUANCY CO	TRUANCY CONTEMPT FI	2	130.00	130.00	130.00	0.00	0.00	0.00	0.00	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	877	17,083.00	17,083.00	1,386.25	8,501.00	100.00	0.00	7,095.75	$0.00	0.00	0.00

Direct Deposit	$0.00				**HB2398**	$0.00	
Cash	$1,386.25				**CSR Credit**	$0.00	**Post for Refund** $0.00
Checks	$8,501.00				**Jail Credit**	$0.00	
Money Orders	$100.00						**Over Payments** $0.00
Credit Cards :	$7,095.75	**Escrow Payments**	$0.00	**Transaction Fee**	$0.00	**Non-Monetary**	$0.00

TOTAL CURRENCY	$17,083.00	**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 03/01/2019-03/31/2019

Date Printed: 4/12/2019
Time Printed: 11:35:36AM

GL CODE	GL CODE DESCRIPTION	CURRENCY	CREDIT CARD	OTHERS	DIRECT DEPOSIT	HB 2398	TOTALS
0100-0000-341804		751.25	973.75	0.00	0.00	0.00	1,725.00
0100-0000-341904		3,180.00	4,840.00	0.00	0.00	0.00	8,020.00
0100-0000-351304		130.00	0.00	0.00	0.00	0.00	130.00
0100.0000.341804		2,700.00	25.00	0.00	0.00	0.00	2,725.00
0399-0000-208822		816.00	222.00	0.00	0.00	0.00	1,038.00
01-0399-0000-208022	E-FILING STATE FEE FOR CIVIL	1,360.00	370.00	0.00	0.00	0.00	1,730.00
01-0369-0000-341917	TRUANT CONDUCT FEE	370.00	480.00	0.00	0.00	0.00	850.00
01-0399-0000-208354	JUDICIAL COURT PERSONNEL TRAI	680.00	185.00	0.00	0.00	0.00	865.00
TOTALS:		9,987.25	7,095.75	0.00	0.00	0.00	17,083.00

Detailed report has been sent to Auditor's Office.

CIVIL

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 03/01/2019-03/31/2019

Date Printed: 4/12/2019
Time Printed: 11:37:18AM

FEE CODE	FEE DESC	ITEMS	TOT PAID	TOT MONEY	CASH	CHECKS	MO	HB 2398	CC	JT	CSR	OTHER	GL CODE
AFCAF	COUNTY ARREST FEE	89	345.35	315.35	70.23	0.00	26.04	0.00	219.08	30.00	0.00	0.00	0100-0000-341804
AFDPS	DPS ARREST FEE	143	488.37	434.76	72.16	5.00	52.38	0.00	305.22	48.61	5.00	0.00	0399-0000-208400
AFPWA	PARKS & WILDLIFE ARREST	3	9.52	9.52	3.40	0.00	0.00	0.00	6.12	0.00	0.00	0.00	0399-0000-208400
CS	CHILD SAFETY	19	179.07	169.67	80.64	0.00	63.94	0.00	25.09	0.00	0.00	9.40	0100-0000-341804
DIS	DISMISSAL FEE	13	130.00	130.00	10.00	0.00	0.00	0.00	120.00	0.00	0.00	0.00	0100-0000-341804
DLQ	DELINQUENT COLLECTIONS	105	10,933.98	5,258.97	379.14	0.00	863.79	0.00	4,016.04	0.00	0.00	5,675.01	01.0100.0000.20701
DSC	DEFENSIVE DRIVING	32	280.18	280.18	37.23	9.90	59.40	0.00	173.65	0.00	0.00	0.00	0100-0000-341804
FINE	FINE	729	114,890.25	30,182.50	3,313.80	0.00	3,681.80	0.00	23,186.90	8,902.00	1,000.00	74,805.75	0100-0000-351304
PWF	PARKS AND WILDLIFE FINE	17	915.00	915.00	183.00	0.00	0.00	0.00	732.00	0.00	0.00	0.00	0100-0000-209600
TFC	TRAFFIC	154	333.55	310.38	56.86	3.00	41.05	0.00	209.47	23.17	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
AFC4.	CONTABLE ARREST FEE	5	11.49	11.49	0.00	0.00	0.00	0.00	11.49	0.00	0.00	0.00	0100-0000-341914
AFTHD	THRALL POLICE DEPART	1	1.06	1.06	0.00	0.00	0.00	0.00	1.06	0.00	0.00	0.00	0100-0000-341804
BPDWF	BARTLETT POLICE DEPA	1	50.00	0.00	0.00	0.00	0.00	0.00	0.00	50.00	0.00	0.00	0100-0000-341804
C1W.	CONSTABLE 1 WARRANT	12	455.90	142.50	42.50	0.00	0.00	0.00	100.00	0.00	0.00	313.40	0100-0000-341911
C3W.	CONSTABLE 3 WARRANT	24	981.20	531.20	32.04	0.00	0.00	0.00	499.16	0.00	0.00	450.00	0100-0000-341913
C4W.	CONSTABLE 4 WARRANT	444	18,509.40	2,083.23	248.85	0.00	184.65	0.00	1,649.73	558.10	0.00	15,868.07	0100-0000-341914
CCC	CONSOLIDATED COURT (	500	15,627.71	7,037.86	1,344.93	40.00	755.36	0.00	4,897.57	748.90	40.00	7,800.95	0399-0000-208160
CHS	COURTHOUSE SECURITY	500	1,171.99	527.77	100.69	3.00	56.64	0.00	367.44	56.17	3.00	585.05	0360-0000-341150
CHS2A	COURTHOUSE SECURITY	498	390.22	175.48	33.57	1.00	18.89	0.00	122.02	18.72	1.00	195.02	0361-0000-341154
COM	COMMITMENT	113	394.17	86.89	10.88	0.00	38.18	0.00	37.83	144.96	5.00	157.32	0100-0000-341804
CSF	CHILD SAFETY FUND	1	25.00	25.00	0.00	0.00	0.00	0.00	25.00	0.00	0.00	0.00	0365.0000.341161
CWF	WILLIAMSON COUNTY W	70	2,887.58	356.08	18.97	0.00	147.60	0.00	189.51	500.00	50.00	1,981.50	0100-0000-341804
GTWF	GEORGETOWN POLICE D	5	109.01	60.26	0.00	0.00	0.00	0.00	60.26	48.75	0.00	0.00	0100-0000-341804
GWF	GRANGER POLICE DEPAI	7	206.99	156.99	0.00	0.00	100.00	0.00	56.99	0.00	0.00	50.00	0100-0000-341804
HISDPD	HUTTO ISD POLICE DEPT	3	7.05	2.05	0.00	0.00	0.00	0.00	2.05	0.00	0.00	5.00	0100-0000-341804
HWF	HUTTO POLICE DEPARTM	1	50.00	50.00	0.00	0.00	0.00	0.00	50.00	0.00	0.00	0.00	0100-0000-341804
IDF	INDIGENT DEFENSE FEE	497	778.43	348.95	67.15	2.00	37.76	0.00	242.04	37.44	2.00	390.04	0399.0000.208703
JCM	JUVENILE CASE MANAGI	455	1,743.11	859.93	167.85	5.00	94.41	0.00	592.67	93.61	5.00	784.57	0103690000370000
JCTF	JUSTICE COURT TECHNO	500	1,562.63	703.68	134.27	4.00	75.53	0.00	489.88	74.89	4.00	780.06	0372-0000-341144
JPDWF	JARRELL POLICE DEPAR	1	31.00	31.00	0.00	0.00	0.00	0.00	31.00	0.00	0.00	0.00	0100-0000-341804
JRF	STATE JURY REIMBURSE	498	1,560.84	701.89	134.27	4.00	75.53	0.00	488.09	74.89	4.00	780.06	0399-0000-208235
JSF	JUDICIAL SUPPORT FEE	498	2,339.32	1,050.88	201.44	6.00	113.29	0.00	730.15	112.34	6.00	1,170.10	0399-0000-208352
MV	STATE CIVIL JUSTICE DA	152	11.76	10.89	1.91	0.10	1.37	0.00	7.51	0.87	0.00	0.00	0399-0000-208415
OGW	OVER GROSS WEIGHT	5	947.00	947.00	100.00	0.00	100.00	0.00	747.00	0.00	0.00	0.00	0399-0000-208850
OVER	OVER PAYMENT OF FINE	2	62.50	62.50	0.00	0.00	40.00	0.00	22.50	0.00	0.00	0.00	0100-0000-209700
REL	RELEASE	113	394.17	86.89	10.88	0.00	38.18	0.00	37.83	144.96	5.00	157.32	0100-0000-341804
RRWF	ROUND ROCK POLICE DE	7	269.98	19.98	0.00	0.00	0.00	0.00	19.98	150.00	0.00	100.00	0100-0000-341804
SPF	SPECIAL PROCESSING FE	7	551.40	402.40	95.25	0.00	0.00	0.00	307.15	0.00	0.00	149.00	0100-0000-341804
STF	STATE TRAFFIC FEE	154	3,335.44	3,103.76	568.69	30.00	410.52	0.00	2,094.55	231.68	0.00	0.00	0399-0000-208425
SUB	SUBPOENA FEE	4	11.45	11.45	0.53	0.00	0.00	0.00	10.92	0.00	0.00	0.00	0100-0000-341914
SUM	SUMMONS FEE	180	641.37	77.73	31.16	0.00	18.37	0.00	28.20	0.00	20.00	543.64	0100-0000-341914
SWF	STATE WARRANT FEE	5	250.00	0.00	0.00	0.00	0.00	0.00	0.00	50.00	0.00	200.00	0399-0000-208400
THWF	THRALL POLICE DEPART	4	200.00	0.00	0.00	0.00	0.00	0.00	0.00	200.00	0.00	0.00	0100-0000-341804
TP	TIME PAYMENT	422	8,362.40	1,127.34	242.85	0.00	123.85	0.00	760.64	350.30	50.00	6,834.76	0399-0000-208860
TPDF	TRUANCY PREVENTION .	270	385.49	330.53	66.54	2.00	37.76	0.00	224.23	29.44	2.00	23.52	01-0399-0000-20803
TWF	TAYLOR POLICE DEPART	5	120.20	20.20	15.31	0.00	0.00	0.00	4.89	100.00	0.00	0.00	0100-0000-341804
TWFIN	TOLLWAY ADMINISTRAT	287	26,472.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26,472.40	0100-0000-207027

Detailed report has been sent to Auditor's Office.

TOTALS SUMMARY	7555	73,132.99	59,151.19	7,876.99	115.00	7,256.29	0.00	43,902.91	$12,779.80	1,202.00	146,281.94	

Direct Deposit	$0.00			**HB2398**	$0.00	
Cash	$7,876.99			**CSR Credit**	$1,202.00	**Post for Refund** $0.00
Checks	$115.00			**Jail Credit**	$12,779.80	**Over Payments** $0.00
Money Orders	$7,256.29					
Credit Cards :	$43,902.91	**Escrow Payments**	$0.00	**Transaction Fee** $0.00	**Non-Monetary**	$146,281.94

TOTAL CURRENCY	$59,151.19	**ESCROW PAID**	$0.00	**TRAN. FEES**	$0.00	**TOTAL**	$160,263.74	**TOTAL PAID** $0.00

Non-monetary

At the request of the complaining witness and with consideration to SB312, Legislature 85(R), all fees and fines due on 306 Failure or refusal to pay toll cases were waived(non-indigent) totaling $145,776.34.

Three other cases had fines and fees waived because of indigency totaling $505.60

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 03/01/2019-03/31/2019

Date Printed: 4/12/2019
Time Printed: 11:37:18AM

GL CODE	GL CODE DESCRIPTION	CURRENCY	CREDIT CARD	OTHERS	DIRECT DEPOSIT	HB 2398	TOTALS
0100-0000-209600		183.00	732.00	0.00	0.00	0.00	915.00
0100-0000-209700		40.00	22.50	0.00	0.00	0.00	62.50
0100-0000-341804		933.54	1,545.84	4,061.38	0.00	0.00	6,540.76
0100-0000-341911		42.50	100.00	313.40	0.00	0.00	455.90
0100-0000-341913		32.04	499.16	450.00	0.00	0.00	981.20
0100-0000-341914		483.56	1,700.34	16,989.81	0.00	0.00	19,173.71
0100-0000-351304		6,995.60	23,186.90	84,707.75	0.00	0.00	114,890.25
0360-0000-341150		160.33	367.44	644.22	0.00	0.00	1,171.99
0361-0000-341154		53.46	122.02	214.74	0.00	0.00	390.22
0365.0000.341161		0.00	25.00	0.00	0.00	0.00	25.00
0372-0000-341144		213.80	489.88	858.95	0.00	0.00	1,562.63
0399-0000-208160		2,140.29	4,897.57	8,589.85	0.00	0.00	15,627.71
0399-0000-208235		213.80	488.09	858.95	0.00	0.00	1,560.84
0399-0000-208352		320.73	730.15	1,288.44	0.00	0.00	2,339.32
0399-0000-208400		132.94	311.34	303.61	0.00	0.00	747.89
0399-0000-208425		1,009.21	2,094.55	231.68	0.00	0.00	3,335.44
0399-0000-208850		200.00	747.00	0.00	0.00	0.00	947.00
0399-0000-208860		366.70	760.64	7,235.06	0.00	0.00	8,362.40
0399.0000.208703		106.91	242.04	429.48	0.00	0.00	778.43
0399-0000-208415		3.38	7.51	0.87	0.00	0.00	11.76
0100-0000-207027		0.00	0.00	26,472.40	0.00	0.00	26,472.40
01.0100.0000.207017	DLQ FEE	1,242.93	4,016.04	5,675.01	0.00	0.00	10,933.98
0103690000370000	JUVENILE CASE MANAGER FUND	267.26	592.67	883.18	0.00	0.00	1,743.11
01-0399-0000-208034	TRUANCY PREVENTION AND DIVEI	106.30	224.23	54.96	0.00	0.00	385.49
TOTALS :		15,248.28	43,902.91	160,263.74	0.00	0.00	219,414.93

Detailed report has been sent to Auditor's Office.

CRIMINAL

Commissioners Court - Regular Session **12.**

Meeting Date: 04/23/2019

Appointment to Radio Communications System Advisory Board

Submitted For: Bill Gravell **Submitted By:** Andrea Schiele, County Judge

Department: County Judge

Agenda Category: Consent

Information

Agenda Item

Discuss, consider and take appropriate action to appoint Commissioner Cynthia Long as Chairperson of the Radio Communications System Advisory Board, replacing Judge Bill Gravell.

Background

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

No file(s) attached.

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst. (Originator)	Andrea Schiele	04/15/2019 03:11 PM
Form Started By: Andrea Schiele		Started On: 04/15/2019 03:06 PM
Final Approval Date: 04/15/2019		

Commissioners Court - Regular Session **13.**

Meeting Date: 04/23/2019

Hog trap donation to 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 a hog trap for the Sheriff's Office from Edward Matyas.

Background

Mr. Edward Matyas of Round Rock contacted Deputy Johnathan Kidwell of our Livestock Unit about donating a heavy made hog trap to the Sheriff's Office. Mr. Matyas purchased the trap from a large ranch for $150.00 three years ago. He will be moving at the end of this month so we will need to take ownership of it by that date.

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

No file(s) attached.

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Andrea Schiele	04/17/2019 02:39 PM
Form Started By: Starla Hall		Started On: 04/15/2019 09:31 AM
Final Approval Date: 04/17/2019		

Commissioners Court - Regular Session **14.**

Meeting Date: 04/23/2019

SO SWAT Vehicle

Submitted For: Randy Barker **Submitted By:** Erica Smith, Purchasing

Department: Purchasing

Agenda Category: Consent

Information

Agenda Item

Discuss, consider, and take appropriate action on approving the purchase of a Sprinter Passenger Van from Freightliner of Austin in the amount of $54,899.00, pursuant to BuyBoard Contract #521-16, to support the operations of the Williamson County Sheriff's Office.

Background

This van will serve as a SWAT team vehicle. Signature is not required on the quote. This expenditure will be charged to seized funds 01.0410.0413.005700 and department contact is Commander Tony Carter.

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

Quote

Form Review

Inbox	Reviewed By	Date
Purchasing (Originator)	Randy Barker	04/17/2019 03:11 PM
County Judge Exec Asst.	Andrea Schiele	04/17/2019 03:14 PM
Form Started By: Erica Smith		Started On: 04/15/2019 08:54 AM
Final Approval Date: 04/17/2019		

170531

FREIGHTLINER OF AUSTIN

1701 Smith Rd.
Austin, Texas 78721
Bus: 512-389-0000
Fax: 512-389-2663

INV #:
DATE:
INVOICE / BUYER'S ORDER

BUYER'S NAME: Williamson County Sherriff's Office
TELEPHONE: 512-943-1300
ADDRESS: 508 S. Rock Street
CITY: Georgetown
STATE: TX
ZIP CODE: 78626

YEAR	MAKE	MODEL/BODY	VIN	LICENSE PLATE
2019	Freightliner	Sprinter F2PV46	TBD	

A DOCUMENTARY FEE IS NOT AN OFFICIAL FEE. A DOCUMENTARY FEE IS NOT REQUIRED BY LAW, BUT MAY BE CHARGED TO BUYER FOR HANDLING DOCUMENTS RELATING TO THE SALE. A DOCUMENTARY FEE MAY NOT EXCEED A REASONABLE AMOUNT AGREED TO BY THE PARTIES. THIS NOTICE IS REQUIRED BY LAW.

UN CARGO DOCUMENTAL NO ES UN CARGO OFFICIAL. LALEYNO EXIGEQUE SE IMPONGA UN CARGO DOCUMENTAL. PERO ESTE PODRIA COBRARSE A LOS COMPRADORES POR EL MANEJO DE LA DOCUMENTACION EN RELACION CON LE VENTA. UN CARGO DOCMENTAL NO PUEDI EXCEDER UNA CANIDAD PAZONABLE ACORDADA POR LAS PARTES. ESTA NOTIFICACION SE EXIGE POR LEY.

MILEAGE:

SELLING PRICE	$54,499.00
Sprinter Passenger Van	
144" wheelbase, high-roof	
Rear Air Conditioner- Heavy Duty	
Rear view camera	
Intelligent Navigation	
Color: Jet Black	
Buyboard Fee	$400.00
Per Buyboard Contract #521-16	

Selling Price does not include aftermarket upfits such as bench seat installation or any other interior modifications

Disclaimer of Warranties

The above described vehicle sold by Freightliner of Austin is sold as is, without either express or implied warranties of any kind by Freightliner of Austin, including warranties of merchantability or fitness, and Buyer will bear the entire expense of repairing or correcting any defects that presently exist or that may occur in the vehicle, unless a written warranty by, or service contract with Freightliner of Austin covering the described vehicle is delivered to Buyer in conjunction with or within 90 days following the time of sale, but such vehicle or any of its component parts may be subject to warranty by the manufacturer thereof.

TRADE-IN

MILEAGE:	YEAR	MAKE	MODEL/BODY	VIN
MILEAGE:	YEAR	MAKE	MODEL/BODY	VIN

PAYOFF TO:
ADDRESS:
TELEPHONE: FAX:
GOOD UNTIL:
QUOTED BY:
SHOW LIEN TO:
ADDRESS:

DATED: LIEN AMOUNT $
DRAFT FOR $
DRAFT THRU:
ADDRESS:

Body Type:
License Wt.:
State Insp.:
License:
Title:
Transfer:

TOTAL	$54,899.00
(Trade Allowance)	($.00)
TRADING DIFFERENCE	$54,899.00
SALES TAX	$0.00
DEALER'S INVENTORY TAX	$0.00
LICENSE FEE	$0.00
DOCUMENTARY FEE	$0.00
FEDERAL EXCISE TAX	$0.00
TOTAL SALE PRICE	$54,899.00
PAYOFF ON TRADE	$0.00
EXT. WARRANTY	$0.00
LESS DEPOSIT	$0.00
Total Balance Due	$54,899.00

**The Dealer's Inventory Tax charge is intended to reimburse the dealer for ad valorem taxes on its motor vehicle inventory. The charge, which is paid by the Dealer to the county tax assessor-collector, is not a tax imposed on a consumer by the government, and is not required to be charged by the dealer to the consumer.

The information you see on the window form for this vehicle is part of this contract. Information on the window form overrides any contrary provisions on the contract of sale.

La informacion que aparece en la ventanilla de este vehiculo forma parte de este contrato. La informacion contenida en el formulario de la ventanilla anula cualquier prevision que establezca contratio y quy aparezca en el contrato de venta. If a credit purchase, this is an offer to purchase only. Buyer offers to purchase vehicle on credit terms described herein and no contractual relationship is created. This order does not constitute an agreement for the extension of credit. Manufacturer/Distributor reserves the right to change the price of new vehicles to Seller without notice. In the event that the price to Seller of the new vehicle ordered hereunder is changed prior to delivery to Buyer, Buyer agrees and accepts that the cash delivered price will be changed accordingly. If the Buyer's used vehicle trade-in is not delivered to the Seller until delivery of the new vehicle, the trade-in will be reappraised at that time and Buyer agrees that such reappraised value shall determine the allowance, if any, made for the trade-in. Buyer agrees to deliver the original bill of sale and the title to a trade-in along with the delivery of the trade-in and further agrees to execute any and all documents necessary or required to transfer legal title and ownership to Seller or its assigns. Buyer warrants the trade-in to be his property and free and clear of all liens and encumbrances except as otherwise noted herein. Buyer further warrants that the trade-in has not been declared rebuilt salvage, reconditioned, nonrrpairable, or flood damaged and that the emission systems have not been tampered with and are in the condition as originally manufactured, except for ordinary wear, unless so disclosed. Seller makes no representations, concerning fuel economy of the sale unit and any information posted on the sale unit or contained in literature relating to the same reflect the results of tests performed, required or prescribed by government agency, upon which Seller has relied.It is expressly agreed to and understood by Buyer and Seller that is the event of a non-credit transaction, Seller retains a security interest in the purchased vehicle until such time as Buyer has paid the Seller for the vehicle. Buyer agrees to all the above listed charges.

BUYER'S SIGNATURE: _____ **SELLER'S SIGNATURE:** _____ **DATE** _____

AUSTIN TRUCK & EQUIPMENT, LTD. DBA FREIGHTLINER OF AUSTIN

071.92

Commissioners Court - Regular Session **15.**

Meeting Date: 04/23/2019

Cornerstone Site Services vehicle reimbursement agreement 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 regarding approval and receipt of Vehicle Reimbursement Agreement with Cornerstone Site Services (security/traffic control in Williamson County).

Background

This agreement gives permission for Cornerstone Site Services to contract County Sheriff Deputies in a private capacity and the County to invoice them for deputies vehicle usage.

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

Cornerstone Site Services 4-23-19

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Andrea Schiele	04/17/2019 02:40 PM
Form Started By: Starla Hall		Started On: 04/16/2019 02:35 PM
Final Approval Date: 04/17/2019		

STATE OF TEXAS	§	**VEHICLE REIMBURSEMENT**
	§	**AGREEMENT WITH**
	§	**NON-GOVERNMENTAL**
	§	**ORGANIZATION**
	§	**REGARDING OFF-DUTY**
COUNTY OF WILLIAMSON	§	**CONTRACTING OF COUNTY DEPUTIES**

This Vehicle Reimbursement Agreement with Non-Governmental Organization Regarding Off-Duty Contracting of County Deputies (hereinafter, the "AGREEMENT") is entered into by and between the company/organization set forth on the signature page below (hereinafter, "NON-GOVERNMENTAL ORGANIZATION") in the State of Texas, and Williamson County, Texas (hereinafter, "COUNTY") a political subdivision of the State of Texas, and the Williamson County Law Enforcement Agency set forth on the signature page below (hereinafter, "LEA").

For and in consideration of the permission given by COUNTY for the NON-GOVERNMENTAL ORGANIZATION to contract in a private capacity DEPUTIES of the LEA (hereinafter "DEPUTIES"), while DEPUTIES are not on duty with and for the COUNTY, it is hereby agreed as follows:

1. It is mutually agreed that while the DEPUTIES are working for the NON-GOVERNMENTAL ORGANIZATION, the DEPUTIES' primary responsibility is the enforcement of Federal and State laws and COUNTY Ordinances or Regulations to protect life and property and to keep the peace. The DEPUTIES are not allowed to enforce NON-GOVERNMENTAL ORGANIZATION policies or rules. DEPUTIES are at all times subject to the rules and policies of the LEA. ***NON-GOVERNMENTAL ORGANIZATION expressly acknowledges and agrees that such DEPUTIES are at all times independent contractors of the NON-GOVERNMENTAL ORGANIZATION when contracted by the NON-GOVERNMENTAL ORGANIZATION.***

2. **It is understood by the NON-GOVERNMENTAL ORGANIZATION that the COUNTY shall retain the right to withdraw at any time its permission for the DEPUTIES to work in a private capacity (including the right to terminate this agreement at any time).** If the permission of the COUNTY is withdrawn, the NON-GOVERNMENTAL ORGANIZATION agrees to terminate its contracting relationships with DEPUTIES. The NON-GOVERNMENTAL ORGANIZATION, as part of this AGREEMENT, binds itself to release and hold harmless the COUNTY from any liability or claim for damages in the event such permission is withdrawn by the COUNTY.

3. Prior to the beginning of DEPUTIES contracting with the NON-GOVERNMENTAL ORGANIZATION, the NON-GOVERNMENTAL ORGANIZATION shall obtain a comprehensive general liability insurance policy

from a company authorized to do business in the State of Texas with minimum amounts of Ten Thousand Dollars ($10,000) per occurrence for property damage, One Hundred Thousand Dollars ($100,000) per person, and Three Hundred Thousand Dollars ($300,000) per occurrence for personal injury. COUNTY SHALL BE NAMED AS AN ADDITIONAL INSURED UNDER THIS COVERAGE.

4. The term of this AGREEMENT shall begin on the 10th of May, 20 19 and shall terminate on September 30, 20 19. Any extension of this AGREEMENT must be set forth in writing and signed by both parties.

5. State law requires that law enforcement personnel conducting "off-duty" work must be both "full time" and "entitled" to fringe benefits. Tex. Occup. Code Sec. 1702.322(A) & (B)(i). Thus, part-time deputies and "reserve" officers may not conduct "off-duty" work.[1]

6. The COUNTY agrees that each of the DEPUTIES will be properly insured with automobile liability insurance while operating the patrol vehicle in accordance with Section 612.005(b) of the Texas Government Code, and any other applicable laws.

7. COUNTY agrees to invoice NON-GOVERNMENTAL ORGANIZATION for the reimbursement amounts for deputy vehicle usage at the rate of **$12.00 per hour per vehicle** (to cover NON-GOVERNMENTAL ORGANIZATION's fair share of costs for fuel, maintenance, and yearly premiums on automobile insurance).

8. NON-GOVERNMENTAL ORGANIZATION agrees to log and maintain all times that vehicles are allotted to off-duty work, whether actually used or parked, for each vehicle used by DEPUTIES on a monthly basis. NON-GOVERNMENTAL ORGANIZATION shall provide such vehicle time records to COUNTY and LEA no later than the last day of the end of each month in which vehicle usage occurs. COUNTY will invoice based on the total usage and rate, as set forth in Paragraph 7, and NON-GOVERNMENTAL ORGANIZATION will pay such invoice within ten (10) days of the invoice date. Reporting must be submitted to:

LEA:	At the address set forth on signature page below.
COUNTY:	Williamson County Auditor's Office Attn: Finance Director 710 Main Street, Suite 301 Georgetown, Texas 78626

9. NON-GOVERNMENTAL ORGANIZATION agrees that it shall pay deputies directly and file 1099 forms with the Internal Revenue Service.

[1] It is the commissioners court that sets what compensation (and benefits) deputies are entitled to, which affects eligibility for off-duty work. Tex. Local Gov't Code § 152.011.

10. 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.

11. Nothing in this AGREEMENT shall be deemed to waive, modify or amend any legal defense available at law or in equity to COUNTY, its past or present officers, employees, or agents, nor to create any legal rights or claim on behalf of any third party. 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.

NON-GOVERNMENTAL ORGANIZATION:

Name of Organization: Cornerstone Site Services

Signature: _____

Printed Name: Jennifer McCullar

Title: Office Manager

Date: April 10, 20 19

WILLIAMSON COUNTY LAW ENFORCEMENT AGENCY:

Name of Office: Sheriff

Printed Name of Official: Robert Chody

Signature of Official: _____

Date: 4-18-19, 2019

Address of Office: 508 S. Rock St.
Georgetown, TX 78626

WILLIAMSON COUNTY COMMISSIONERS COURT:

By: _____

Bill Gravell, Jr.
Williamson County Judge &
Presiding Officer, Williamson County Commissioners Court
710 Main Street, Suite 105
Georgetown, Texas 78626

Commissioners Court - Regular Session **16.**

Meeting Date: 04/23/2019

Tax Office Venue Contract

Submitted For: Randy Barker **Submitted By:** Erica Smith, Purchasing

Department: Purchasing

Agenda Category: Consent

Information

Agenda Item

Discuss, consider, and take appropriate action on approving the agreement between Williamson County and Celebrino Events, LLC to secure a venue for the Williamson County Tax Office Corporate Retreat in the amount of $800, and authorizing execution of the agreement.

Background

This agreement will secure the venue for the Williamson County Tax Office Corporate Retreat. This expenditure will be charged to 01.0100.0499.004232. Funding was approved in the FY 2019 budget. Accounts payable has a process for identifying these type of expenses and booking them to the proper fiscal year. Department contact is Judy Kocian.

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

Agreement

Form Review

Inbox	Reviewed By	Date
Purchasing (Originator)	Randy Barker	04/17/2019 03:13 PM
County Judge Exec Asst.	Andrea Schiele	04/17/2019 03:21 PM
Form Started By: Erica Smith		Started On: 04/15/2019 03:18 PM
Final Approval Date: 04/17/2019		

CELEBRINO

COME CELEBRATE!

VENUE CONTRACT

Wilco Tax Assessor ("Client" hereafter) hereby enters into this contract (the "Contract") for the use of facilities owned by CELEBRINO Events, LLC ("CELEBRINO" hereafter) as provided below.

EVENT DATE: Monday, October 14th, 2019

EVENT TYPE: Corporate Retreat

	Client	Secondary Contact
Name	Wilco Tax Assessor	
Phone	512 943 1954	
Alternate Phone		
Email	jkocian@wilco.org	
Mailing Address	904 South Main St	
City, State, Zip	Georgetown, TX 78626	

TERMS OF AGREEMENT: **CELEBRINO hereby permits Client to occupy and use the facilities as described above according to the terms and provisions below. "Client" also refers to client's vendors, agents, guests and invitees as well as any other person included in their party.**

GENERAL POLICIES & INFORMATION:

- CELEBRINO does not provide medical staff or medical coverage for Client utilizing CELEBRINO facilities.
- All vehicles, motorbikes, etc. must be parked in the designated parking lot.
- Smoking is permitted outdoors only.
- Illegal drugs and firearms are not permitted on CELEBRINO premises.
- If an Act of God (tornado, earthquake, fire, hurricane, wind, flood, etc.) leaves CELEBRINO unusable, causing the Event to be cancelled, CELEBRINO will refund the amount paid by Client to date. Under no circumstances will CELEBRINO be liable for any damages, (including but not limited to exemplary or incidental damages) in excess of previously made deposits.
- No article or thing of a dangerous, inflammable, or explosive character that might unreasonably increase the danger of fire at the facility (e.g. Fireworks) are permitted on THE CELEBRINO premises. Exceptions: Sparklers are permitted. Only Pyrotex, Inc. an independent third-party vendor, may contract with Client to perform specific pyrotechnic services.
- No article or thing of a dangerous, inflammable, or explosive character that might unreasonably increase the danger of fire at the facility (e.g. Fireworks, sparklers) is permitted on CELEBRINO premises.
- Subwoofers and amplified drums are not permitted on CELEBRINO properties.

Initials _____

- Outdoor music is limited to soft processional music only. No loud music, instruments or devices are allowed outside the hall.
- CELEBRINO reserves the right to make modifications and updates to appliances, fixtures, décor, furniture, lighting, and landscaping.
- CELEBRINO is closed on Easter Sunday, Thanksgiving Day, Christmas Eve, Christmas Day and New Year's Day.
- No pets or animals of any kind are permitted on CELEBRINO property (with the exception of certified service dogs).
- Client agrees to maintain a $1 million event liability insurance policy and list "CELEBRINO Events, LLC" as an additional insured.
- All vendors providing services for the event must maintain adequate liability insurance.
- Client is required to use CELEBRINO's preferred vendor, Esquivel Event Rentals, for the rental of materials and equipment for the event unless the items required by Client are not available from the preferred vendor.

DÉCOR: The below CELEBRINO policies are in place to keep the facility beautiful and safe for your Event.

- Glitter, hay, rice, silly string, confetti of all types, and gel-like substances are not permitted anywhere on CELEBRINO property. Sand may only be used inside enclosed containers. Fresh, loose dark flower petals cannot be used anywhere on the property. Silk flower petals may not be used any place outside but may be used inside the hall.
- Candles may only be used in glass containers. The top of the glass must go above the top of the flame.
- No nails, screws, staples, duct tape or any permanent marking tools may be used on the floors, walls, furniture.
- No substances (e.g. cornmeal), or any item that might do harm, may be placed on the indoor floor.
- Birdseed is not permitted at the facility. Bubbles may be used only outside.
- No items should be thrown or placed in the water features, including but not limited to floating candles or flowers.

DAMAGE TO PROPERTY OR LOSS WHILE ON PROPERTY:

- Client is responsible for any and all personal property brought onto CELEBRINO premises. CELEBRINO and its insurers shall not be liable for any damages or loss resulting therefrom.
- Client agrees to leave the facilities in the same condition as existed at the time of the beginning of the Event. Any additional charge incurred by CELEBRINO because of an excessive amount of post-Event clean-up will be charged to Client.
- Client shall pay for any damages to the property (including theft) caused by Client. In addition to the Deposits for the use of CELEBRINO facility, Client shall provide CELEBRINO with a damage deposit of $500 prior to the Event. If Client damages the facility, the $500 security deposit will either not be returned or drafted and the following will occur: 1) Client will be notified in a timely manner and invited to assess the damage themselves if possible. 2) Pictures of damage will be provided from CELEBRINO to Client. If the damages exceed the security deposit, CELEBRINO will invoice Client for the assessed damages and repair costs. Within 30 days of receipt of invoice, Client will provide payment for the excess damage cost.

DAY OF EVENT:

- Day of hall rental time begins at 9am and ends at 12am. Client and client's belongings shall be cleaned and removed from the premises by midnight.
- CELEBRINO provides 30 60" round tables, 4 8' rectangular tables, 4 6' rectangular tables, and 300 total indoor/outdoor white plastic folding chairs.
- CELEBRINO will provide the setup of tables and chairs for inside the hall and chair setup only at the ceremony site. Client shall provide CELEBRINO the seating plan at least one week prior to the Event. Tables and chairs will be setup prior to 9:00AM on the Event Date. CELEBRINO will setup the tables and chairs one time and will not be responsible for moving or adjusting thereafter.
- CELEBRINO shall make available to Client ladies' and men's dressing suites for the Client and their guests.
- Client shall provide their own ladders, extension cords, or any other type of tool or equipment for set up.
- CELEBRINO holds the right to give tours from 9am to 12pm on Client's Event Date.
- A CELEBRINO' representative will be available by phone and on-site for the duration of the Event.
- Client is responsible for providing ice, cups, utensils, linens, pots, pans, plates, chafing dishes, napkins, ice chests, or any other catering item for use by Client. Chair & table carts/dollies can only be used to move CELEBRINO tables & chairs.
- CELEBRINO provides one refrigerator, a kitchen prep room with prep tables, one serving table, and one bar table.
- CELEBRINO provides a climate controlled indoor facility and an outdoor, ceremony site.
- CELEBRINO does not provide additional foliage beyond what is already in place. Client shall respect the natural foliage and not disturb it.

Initials _____

- CELEBRINO shall make available to Client CELEBRINO' indoor A/V and outdoor PA equipment. Client may not connect their own sound equipment to CELEBRINO' sound equipment. This prohibition refers to instruments such as guitars, sounds boards, mixing boards, etc.
- Client may not tie into main electrical box for band/DJ equipment or any other needs.
- DJ/entertainment vendors must stop by 11:00pm.
- All caterers and food-service vendors must be properly licensed and insured.
- For on-site food preparation, the following policies must be followed: no cooking is permitted inside the venue, only outdoor electrical outlets may be accessed, cooking equipment must be self-contained, fire lanes and all necessary entrance/exits must be left unblocked, and no cooking can take place within 10 feet of the building. Client must consult with CELEBRINO personnel to determine cooking location and manner of waste disposal.
- CELEBRINO reserves the right to eject or cause to be ejected from the facilities any objectionable person or persons. Neither CELEBRINO nor any of its officers, agents or employees shall be liable to Client or any of Client's guests or invitees for any damages that may result by CELEBRINO exercise of this right. The term "objectionable persons" shall include those persons who by virtue of disorderly conduct, drunkenness, disruptive behavior, violation of CELEBRINO policies, or violation of local, state or federal laws, make the normal and proper conduct of business or the Event or the enjoyment of the Event difficult or impossible for others.
- CELEBRINO requires that Client engage Texas state officers for security for the duration of the event provided by CELEBRINO. Security shall begin at the event start time and continue until 12:00 am contracted venue time, with 1 Officer for every 150 guests. Checks will be payable to individual officer(s) at final walk thru/meeting with CELEBRINO.

DAY BEFORE THE EVENT RENTAL:

- If available, Client has the option to rent the venue the day before the Event Date at half price, however, the only days available for this half price option are Monday, Tuesday, Wednesday, and Thursday.
- The day before hall rental time begins at 11am and ends at 9:00pm. Clean up following the Event will be the responsibility of the Client, with the exception of the bathrooms, which will be cleaned by CELEBRINO.
- All of the rules concerning alcohol as outlined under the "alcohol" section apply to day before the Event rental.
- All food and beverages must be removed from the premises each night.
- Client must be off the premises by 9:00pm on the first night. No overnight sleeping or camping allowed on CELEBRINO premises.

RELEASE OF LIABILITY/INDEMNITY:

Client, its guests and invitees agrees to WAIVE, RELEASE, INDEMNIFY, HOLD HARMLESS, AND FOREVER DEFEND AND DISCHARGE CELEBRINO, its owners, employees, equipment manufacturers and sponsoring agencies from all liability for any such personal injury, disability, death, proceeding cost, expenses or loss or damage to a person or property during the Event or any of the activities connected with the Event to the fullest extent of the law, even if the liability arises from the negligence of CELEBRINO, its owners, employees, equipment manufacturers or sponsoring agencies.

ALCOHOL:

- RELEASE OF LIABILITY: Client agrees to hold CELEBRINO, its agents, employees, and officers harmless in the event of alcohol- related injuries to Client or Client's guests attending or returning from Event.
- All alcoholic beverages served on CELEBRINO premises must be served by a CELEBRINO preferred vendor bartending company, an independently-contracted, TABC-licensed and insured bartending firm.
- All underage drinking is strictly prohibited on CELEBRINO premises, even when provided by parents to their children.
- Client is permitted to have alcohol served by licensed and insured bartender up to six hours for Event.
- The serving of all alcoholic beverages will cease thirty (30) minutes prior to the end of event time.
- Per State Law, no alcoholic beverages can be stored overnight on CELEBRINO premises.

AFTER EVENT:

- Client will be responsible for removing all décor and leftover food the night of the Event.
- CELEBRINO will be responsible for the majority of the hall cleanup, including providing all trash receptacles, trash bags, and restroom supplies during the Event and picking up tables and chairs, sweeping, mopping, etc., after the Event ends.
- Client is responsible for clearing off tables, putting trash in trash receptacles and removing all décor provided by Client.

Initials _____

FEE & DEPOSIT:

- Payment Schedule: Unless otherwise stated in the schedule on page 5, Client shall pay the Contract Amount according to the following deposit date schedule:
  - At date of booking, a deposit of 25% of the total Contract Amount shall be made.
  - Six months before the Event Date or at booking, whichever is later in time, a deposit of 50% of the total balance of the Contract Amount shall be paid.
  - Three months before the Event Date or at booking, whichever is later in time, a deposit of 75% of the total balance of the Contract Amount shall be paid.
  - One month before the Event Date or at booking, whichever is later in time, a deposit of 100% of the total balance of the Contract Amount shall be paid.
  - If Event Date is 16 months or more in the future, payments must be made at least quarterly from date of contract.
  - Except as described below, each of the foregoing deposits made are non-refundable.

- CELEBRINO will charge Client a $35 processing fee for each returned check or each time an auto-draft transaction is rejected.
- Contracts signed and monies paid at one CELEBRINO venue are not transferable to another CELEBRINO venue.
- Contracts shall not be sold or transferred to another party.
- Failure to receive payment at the appropriate due date will result in forfeiture of all contractual rights. Before cancellation, THE CELEBRINO will provide a written notice to Client. If no response is received within 48 hours from Client, the contract will be cancelled.

- Cancellation of Event Date:
  - In the event of a cancellation of the Event, written notice of cancellation must be delivered to CELEBRINO in order to process cancellation and end automatic payment processing.
  - Once a written cancellation notice is delivered to CELEBRINO, this contract cannot be regenerated. If client desires to re-schedule the Event, a new contract must be entered and signed by the parties.
  - If the Event is cancelled at any time after the date is eight months or less prior to the Event Date, Client is obligated to pay the total remaining Contract Amount balance.

- Rescheduling of Event Date:
  - Written notice of postponement must be received in order to end automatic payments and process postponement.
  - If Client postpones the Event and does so at any time after the date which is eight months or less prior to the original Event Date, deposits previously made toward the original Event will not apply as credit toward the new event.
  - This Contract shall thereafter be null and void and a new one will be entered.
  - A new date must be selected no later than 30 days after written notice of postponement is received.
  - If Client desires to postpone the original Event Date and does so at any time prior to the date which is eight months or more before the Event Date, and the new date selected is no more than 15 months after the date the written postponement notice is received, then all deposits previously made shall apply to the new event. o When rescheduling of a date occurs, the Client is obligated to pay the higher of the two prices.
  - If all above clauses are met, then a date can only be rescheduled onetime.

Initials _____

Payment Information and Schedule

Contract Amount: $800.00 Deposit: $800.00 Remaining: 0

Date	Amount
March 3rd, 2018	$800.00

AUTHORIZATION / SIGNATURES: I certify that I am an authorized representative of the Client and that I am authorized to enter into this Contract as the Client and on behalf of all persons included in the definition of the "Client" herein. Further, I agree to be personally responsible for the performance of all of Client's obligations of this Contract.

Wilco Tax Office
Client Name

Client Signature

Date

Ashley L Burch
CELEBRINO Representative

Signature for CELEBRINO

3/12/19
Date

Initials _____

Commissioners Court - Regular Session **17.**

Meeting Date: 04/23/2019

Cisco Flex EA Proposal

Submitted For: Randy Barker **Submitted By:** Andrew Portillo, Purchasing

Department: Purchasing

Agenda Category: Consent

Information

Agenda Item

Discuss, consider and take appropriate action on approving the annual maintenance renewal of Cisco Flex with Presidio Network Solutions Group per the terms of the DIR Contract #DIR-TSO-4167 to support the operations of ITS.

Background

This agreement is a Renewal Proposal for ongoing maintenance related to the Cisco phone system as requested by ITS. Annual recurring charge will be $106,912.80 and total amount of renewal would be $534,564.00 for a 5 year period. Department point of contact is Richard Semple. Funding Source 01.0100.0503.004500. There is no signature required on this quote. It will be sent to the vendor along with the signed Purchase Order.

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

WILCO CISCO FLEX QUOTE

Form Review

Inbox	Reviewed By	Date
Purchasing (Originator)	Randy Barker	04/17/2019 03:08 PM
County Judge Exec Asst.	Andrea Schiele	04/17/2019 03:11 PM
Form Started By: Andrew Portillo		Started On: 04/12/2019 08:41 AM
Final Approval Date: 04/17/2019		

PRESIDIO™

QUOTE: 2003119902251-04

DATE: 04/08/2019

TO:

Williamson County
Richard Semple
301 SE Inner Loop
Suite 106
Georgetown, TX 78626

rsemple@wilco.org
(p) 512-943-1489

FROM:

Presidio Networked Solutions Group, LLC
Brett Marlier
10415 Morado Circle
The Campus Building 1
Suite 320
Austin, TX 78759

bmarlier@presidio.com
(p) 512.961.3958

Customer#: WILLI035
Account Manager: Brett Marlier
Inside Sales Rep: Greg Hubbard
Title: Cisco Flex
Comments: Purchase Order must be issued for the full amount of this quote.

Contract Vehicle: Texas DIR-TSO-4167 Cisco

Usage-Based Services. Term and Termination of Orders. The "Initial Term" of an order for Usage-Based Services ("Order") starts on the date the Usage-Based Services are available for use by CLIENT and lasts for the time period stated in the Order, After the Initial Term, unless prohibited by applicable law or unless the Order states otherwise, there will be an automatic "Renewal Term" of the same length of time unless CLIENT notifies Presidio in writing that CLIENT does not want to renew the Usage-Based Services at least sixty (60) days before the end of the then current Initial Term or Renewal Term. If the fees will change for the Renewal Term, Presidio will notify CLIENT reasonably in advance of the Renewal and in time for CLIENT to accept or reject renewing the Usage-Based Services. If CLIENT agrees with the fee changes, CLIENT may do nothing and the new fees will apply for the upcoming Renewal Term. Either party may terminate an Order by providing the other party written notice of termination at least sixty (60) days before the end of such Initial or Renewal Term.

#	Part #	Description	Unit Price	Qty	Ext Price
A-FLEX		**Initial Term:** 60 months **Billing Model:** Annual **Auto-Renewal Term:** 12 months **Requested Start Date:** 04/21/2019			
1	A-FLEX	Collaboration Flex Plan	$0.00	1	$0.00
Recurring Charges					
2	SVS-SPK-SUPT-BAS	Basic Support for Cisco Spark	$0.00	1 EA for 60 months	$0.00
3	A-FLEX-AUCM1-EAL	AU Cloud Meetings Tier 1 purchased with EA Calling (1)	$19.22	145 Each for 60 months	$167,214.00
4	A-FLEX-EAPL1-AUM	EA On-Premises Calling Tier 1 purchased with AU Meetings (1)	$3.45	1450 Each for 60 months	$300,150.00
				Recurring Annual Charges:	**$93,472.80**
				Total Recurring Charges:	**$467,364.00**
				Total:	**$467,364.00**
A-FLEX-CC		**Initial Term:** 60 months **Billing Model:** Annual **Auto-Renewal Term:** 12 months **Requested Start Date:** 04/21/2019			
5	A-FLEX-CC	Flex Contact Center	$0.00	1	$0.00
Recurring Charges					
6	SVS-FLEX-SUPT-BAS	Basic Support for Flex Plan	$0.00	1 Each for 60 months	$0.00
7	A-FLEX-PJXPC	Flex CC On-Premises UCCX Premium Concurrent Agent	$27.00	10 Users for 60 months	$16,200.00

PRESIDIO™

QUOTE: 2003119902251-04

DATE: 04/08/2019

8	A-FLEX-PJXSC	Flex CC On-Premises UCCX Standard Concurrent Agent	$21.25	40 Users for 60 months	$51,000.00
				Recurring Annual Charges:	**$13,440.00**
				Total Recurring Charges:	**$67,200.00**
				Total:	**$67,200.00**

Sub Total:	**$534,564.00**
Grand Total:	**$534,564.00**

This quote is governed by Terms and Conditions of Texas DIR-TSO-4167 Contract.
State of Texas Vendor ID 17605152499
Standard-Terms-for-Purchase-of-Services or Goods
Quote valid for 30 days from date shown above.
Prices may NOT include all applicable taxes and shipping charges
All prices subject to change without notice. Supply subject to availability.

Purchase Order should be issued to:
Presidio Networked Solutions Group, LLC
7701 Las Colinas Ridge #600,
Irving, TX 75063

Pursuant to this contract your PO must reflect the following contract:
Texas DIR-TSO-4167
Tax ID# 58-1667655; Size Business: Large; CAGE Code: OKDO5; DUNS#15-405-0959; CEC 15-506005G
Credit: Net 30 days (all credit terms subject to prior Presidio credit department approval)
Delivery: FOB Terms Dictated by individual PO details

Customer hereby authorizes and agrees to make timely payment for products delivered and services rendered, including payments for partial shipments

Customer Signature _____ Date _____

Commissioners Court - Regular Session **18.**

Meeting Date: 04/23/2019

Terminating Expo Center Concessions Contract

Submitted For: Randy Barker **Submitted By:** Thomas Skiles, Purchasing

Department: Purchasing

Agenda Category: Consent

Information

Agenda Item

Discuss, consider, and take appropriate action regarding notice of contract termination with Heartland Food Group to provide concessions for the Williamson County Expo Center.

Background

The contract with Heartland Food Group, a division of East Pointe Holding, Inc. to provide concessions for the Williamson County Expo Center is recommended for termination by the Parks Department for Cause, for Convenience, and for Non-Performance.

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

Letter of Termination

Form Review

Inbox	Reviewed By	Date
Purchasing (Originator)	Randy Barker	04/18/2019 09:08 AM
County Judge Exec Asst.	Andrea Schiele	04/18/2019 10:06 AM
Form Started By: Thomas Skiles		Started On: 04/18/2019 08:58 AM
Final Approval Date: 04/18/2019		

OFFICE OF WILLIAMSON COUNTY JUDGE

710 MAIN STREET, SUITE 200
GEORGETOWN, TEXAS 78626
(512) 943-1550 PHONE♦ (512) 943-1662 FAX

April 23, 2019

Via electronic mail: CDrake@DrakeCommunications.com
East Pointe Holdings, Inc. DBA Heartland Food Group
Attn: Kenneth Hanon, President
P.O. Box 13160
Longview, TX 75607

In re: ***Notice of Contract Termination (RFP #1711-205; Williamson County Expo Center Concessions)***

Dear Mr. Hanon:

As you are aware, Williamson County (Expo Center) is currently in a contract with your company for concessions. However, your company has failed to perform adequately and has a history of late payments on commissions. The Williamson County Commissioners Court, as the legislative body for the county, has decided to make changes in this category of services, including the present contract. Pursuant to the terms and conditions set forth in the standard county services contract, Sections 4.8 & 4.9 address both termination options and non-performance issues. Specifically, the relevant provisions state as follows:

> **Termination for Cause: The County reserves the right to terminate the Contract and/or any Ensuing Agreement(s) for default if the Successful Respondent breaches any of the Proposal specifications, terms and conditions, including warranties of the Respondent, if any, or if the Successful Respondent 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 equity or as may otherwise be 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.

<u>Termination for Convenience</u>: 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 Respondent. 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 Respondent 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's termination for convenience.

<u>Non-Performance</u>: 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 Respondent 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 Respondent fails to meet pursuant to the requirements set out herein. In the event the Successful Respondent 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 Respondent.

Therefore, the purpose of this letter is to give you official notice that Williamson County elects to terminate the agreement between the parties, and such termination is effective immediately due to termination for cause based on non-performance. All monies owed to the County must be paid within ten (10) days of receipt of this letter, including but not limited to, unpaid commissions and reimbursement of any costs associated with your non-performance.

Thank you for your prompt attention and assistance in this regard.

Sincerely,

_____

Hon. Bill Gravell
Williamson County Judge

cc: Williamson County Auditor's Office
Mr. Clint Chitsey, General Manager, Expo Center

BG/me

Commissioners Court - Regular Session **19.**

Meeting Date: 04/23/2019

Advertisement Approval IFB 1904-311 Limestone Ter & Quarry Rim Dr Reconstruction

Submitted For: Randy Barker **Submitted By:** Thomas Skiles, Purchasing

Department: Purchasing

Agenda Category: Consent

Information

Agenda Item

Discuss, consider and take appropriate action on authorizing the Purchasing Agent to advertise and receive sealed bids for Limestone Terrace and Quarry Rim Drive Reconstruction - Sonterra Commercial Subdivision under IFB #1904-311.

Background

Williamson County is seeking qualified Contractors to provide materials, experienced roadway construction, overlaying, and continuously reinforced concrete paving crews and equipment to reconstruct Limestone Terrace and Quarry Rim Drive. Department point of contact is Terron Evertson. Funding Source P481.

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

Bid Package

Form Review

Inbox	Reviewed By	Date
Purchasing (Originator)	Randy Barker	04/17/2019 03:15 PM
County Judge Exec Asst.	Andrea Schiele	04/17/2019 03:23 PM
Form Started By: Thomas Skiles		Started On: 04/17/2019 08:10 AM
Final Approval Date: 04/17/2019		

Solicitation 1904-311

Limestone Ter and Quarry Rim Dr Reconstruction - Sonterra Commercial Subdivision

Bid Designation: Public

Williamson County, Texas

Bid 1904-311
Limestone Ter and Quarry Rim Dr Reconstruction - Sonterra Commercial Subdivision

Bid Number	1904-311
Bid Title	Limestone Ter and Quarry Rim Dr Reconstruction - Sonterra Commercial Subdivision
Expected Expenditure	**$1,640,000.00** (This price is expected - not guaranteed)
Bid Start Date	In Held
Bid End Date	May 16, 2019 3:00:00 PM CDT
Question & Answer End Date	May 10, 2019 3:00:00 PM CDT
Bid Contact	Blake Skiles Senior Purchasing Specialist 512-**943**-1478 blake.skiles@wilco.org
Contract Duration	**60 days**
Contract Renewal	Not Applicable
Prices Good for	**365 days**
Pre-Bid Conference	**May 8, 2019 10:00:00 AM CDT** **Attendance is optional** **Location: Williamson County Central Maintenance Facility 3151 SE Inner Loop, Georgetown, TX 78626**
Bid Comments	**Williamson County is seeking qualified Contractors to provide materials, experienced roadway construction, overlaying, and continuously reinforced concrete paving crews and equipment to reconstruct Limestone Terrace and Quarry Rim Drive.**

Item Response Form

Item	**1904-311--01-01 -** Total Bid Price
Quantity	**1 each**
Unit Price	
Delivery Location	**Williamson County, Texas** No Location Specified **Qty** 1

Description
Total Bid Price
*** DO NOT ATTACH DOCUMENTS TO THIS LINE ITEM ***

Item	**1904-311--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

**** DO NOT ATTACH .ZIP FILES ****

PUBLIC ANNOUNCEMENT AND GENERAL INFORMATION

WILLIAMSON COUNTY PURCHASING DEPARTMENT
SOLICITATION NUMBER 1904-311
Limestone Ter and Quarry Rim Dr Reconstruction - Sonterra Commercial Subdivision

PROPOSALS MUST BE RECEIVED ON OR BEFORE:
May 16, 2019 3:00:00 PM CDT

PROPOSALS WILL BE PUBLICLY OPENED:
May 16, 2019 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**
  100 Wilco Way
  Suite P101
  Georgetown, TX 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 (15^{th}) 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 (11^{th}) 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 Introduction

The Bid evaluation and selection process is detailed in this section, as are other factors, and the format in which the Price Bid of each Bid should be submitted.

1.2 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.

1.3 Time for Performance

A time frame of sixty (60) working days (fifty five (55) to substantial completion / sixty (60) to final completion) 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 per working day.

1.4 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.

1.5 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.

1.6 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 two (2) years 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.

1.7 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:

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.

The following coverage limits shall be required at a minimum:

A. Worker's Compensation — Statutory – Texas Law

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	$1,000,000	$1,000,000
Aggregate policy limits:	$2,000,000	

Successful Bidder’s property will not be covered by any insurance that may be carried by the County. Successful Bidder assumes the risk of loss on its contents and property that are situated on/in/around the County property. The Successful Bidder is strongly encouraged to obtain insurance on its property to the extent deemed necessary by the Successful Bidder.

The deductible for an insurance policy required hereunder shall not exceed $100,000. **The County shall be named as an additional insured under any policy of insurance required hereunder.**

Successful Bidder shall not commence any work until it has obtained all required insurance and such insurance has been approved by County. Successful Bidder shall not allow any subcontractor(s) to commence work to be performed until all required insurance has been obtained by such subcontractor(s) and approved by County. Approval of the insurance by County shall not relieve or decrease the liability of Successful Bidder or its subcontractor(s) hereunder.

The required insurance must be written by a company approved to do business in the State of 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. Successful Bidder shall furnish County with a certificate of coverage issued by the insurer. Successful Bidder shall not cause any insurance to be canceled nor permit any insurance to lapse. ALL INSURANCE CERTIFICATES SHALL INCLUDE A CLAUSE TO THE EFFECT THAT THE POLICY SHALL NOT BE CANCELED OR REDUCED, RESTRICTED OR LIMITED UNTIL TEN (10) CALENDAR DAYS AFTER COUNTY HAS RECEIVED WRITTEN NOTICE AS EVIDENCED BY RETURN RECEIPT OF REGISTERED OR CERTIFIED LETTER.

It is the intention of the County, and agreed to and hereby acknowledged by the Successful Bidder, that no provision of this Contract or any ensuing Agreement shall be construed to require the County to submit to mandatory arbitration or mediation 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 which absolutely requires arbitration or mediation of such claim, or as otherwise required by law or a court of law with jurisdiction over the provisions of this Contract or any ensuing Agreement.

Workers' Compensation Coverage Requirements

The Texas Labor Code, Section 406.096, requires workers' compensation insurance coverage for all persons providing services on a building or construction project for a governmental entity such as the County. The rule requires the County to timely obtain certificates of coverage and retain them for the duration of the project. The rule also sets out the language to be included in the Bid specifications and in contracts awarded by a governmental entity and the information required to be in the posted notice to employees. The rule is adopted under the Texas Labor Code, Section 402.061.

The information provided below is a result of this rule. By submitting your Bid to the County, you are acknowledging that this rule is a part of these Bid specifications, and that you will observe and abide by all of the requirements outlined in the rule. You are further agreeing that should your Bid be accepted by the Williamson County Commissioners Court, the necessary certificates of coverage showing workers' compensation coverage, will be provided to the following name and address prior to beginning work:

Williamson County Purchasing Department
901 S. Austin Ave.
Georgetown, TX 78626

Failure to comply with this request may result in termination of the Contract and any ensuing Agreement. If you have any questions related to this ruling and/or requirement, you are encouraged to contact either the Williamson County Purchasing Department at (512) 943-1546, or you may call the Texas Workers' Compensation Commission at (800) 372-7713.

A. The following words and terms, when used in this provision, shall have the following meanings. Terms not defined in this rule shall have the meaning defined in the Texas Labor Code, if so defined.

1. Certificate of coverage (certificate) – A copy of a certificate of insurance, a certificate of authority to self-insure issued by the commission, or a workers' compensation 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 (including those subject to a coverage agreement) providing services on a project, for the duration of the project.

2. Building or Construction – Has the meaning defined in the Texas Labor Code, Section 406.096(e)(1).

3. Contractor – A person bidding for or awarded a building or construction project by Williamson County.

4. Coverage – Workers' compensation insurance meeting the statutory requirements of the Texas Labor Code, Section 401.011(44).

5. Coverage agreement – A written agreement on form TWCC-81, form TWCC-82, form TWCC-83, or form TWCC-84, filed with the Texas Workers' Compensation Commission which establishes a relationship between the parties for purposes of the Texas Workers' Compensation Act, pursuant to the Texas Labor Code, Chapter 406, Subchapters F and G, as one of employer/employee and establishes who will be responsible for providing workers' compensation coverage for persons providing services on the project.

6. Duration of the project--Includes the time from the beginning of work on the project until the work on the project has been completed and accepted by the County.

7. Persons providing services on the project ("subcontractor" in the Texas Labor Code, Section 406.096) – includes all persons or entities performing all or part of the services the contractor has undertaken to perform on the project, 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 on the project. "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 project, such as food/beverage vendors, office supply deliveries, and delivery of portable toilets.

8. Project – Includes the provision of all services related to a building or construction contract for the County.

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 the Texas Labor Code, Section 401.011(44), for all employees of the contractor providing services on the project, for the duration of the project.

C. The Contractor must provide a certificate of workers compensation coverage to Williamson County prior to being awarded the Contract.

D. If the coverage period shown on the contractor's current certificate of coverage ends during the duration of the project, the contractor must, prior to the end of the coverage period, file a new certificate of coverage with Williamson County showing that coverage has been extended.

E. The contractor shall obtain from each person providing services on a project, and provide to the County:

1. A certificate of coverage, prior to that person beginning work on the project, so Williamson County will have on file certificates of coverage showing coverage for all persons providing services on the project; 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 project.

F. The contractor shall retain all required certificates of coverage for the duration of the project and for one year thereafter.

G. The contractor shall notify the County in writing by certified mail or personal delivery, within ten (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 on the project.

H. The contractor shall post on each project site a notice, in the text, form and manner prescribed by the Texas Workers' Compensation Commission, informing all persons providing services on the project that they are required to be covered, and stating how a person may verify coverage and report lack of coverage.

I. The contractor shall contractually require each person with whom it contracts to provide services on a project, to:

1. 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, Section 401.011(44), for all of its employees providing services on the project, for the duration of the project;

2. Provide to the contractor, prior to that person beginning work on the project, a certificate of coverage showing that coverage is being provided for all employees of the person providing services on the project, for the duration of the project;

3. Provide the contractor, prior to the end of the coverage period, 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 project;

4. Obtain from each other person with whom it contracts, and provide to the contractor:

    i. (a) a certificate of coverage, prior to the other person beginning work on the project; and
    ii. (b) a new certificate of coverage showing extension of coverage, prior to the end of the coverage period, if the coverage period shown on the current certificate of coverage ends during the duration of the project;

5. Retain all required certificates of coverage on file for the duration of the project and for one year thereafter;

6. Notify the County in writing by certified mail or personal delivery, within ten (10) days after the person knew or should have known, of any change that materially affects the provision of coverage of any person providing services on the project; and

7. Contractually require each person with whom it contracts, to perform as required by paragraphs 1 – 7, with the certificates of coverage to be provided to the person for whom they are providing services

J. By signing this Contract or providing or causing to be provided a certificate of coverage, the contractor is representing to Williamson County that all employees of the contractor who will provide services on the project will be covered by workers' compensation coverage for the duration of the project, 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.

K. The contractor's failure to comply with any of these provisions is a breach of Contract by the contractor which entitles the County to declare the contract void if the contractor does not remedy the breach within ten (10) days after receipt of notice of breach from the 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 of Road and Bridge, 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, 2 & 3

This project includes three (3) phases. The Successful Bidder will be contracted to complete work on all Phases 1, 2 and 3 within stated allotted time.

Phase 1 (Limestone Terrace) is projected to be completed by September 30th, 2019, within the County fiscal year 2019 (October 1st, 2018 to September 30th, 2019).

Depending on the budget approval of City of Jarrell, the County shall determine if Phase 2 and 3 (Quarry Rim Drive) will occur within fiscal year 2019 or if it will be delayed until the next fiscal year, 2020 (October 1st, 2019 to September 30th, 2020).

If Phase 2 and 3 do not commence within the fiscal year 2020, Phase 2 and 3 will be terminated from this contract and will open for re-bid at a later date.

CONTROL OF MATERIALS

Source Control. The Contractor shall use only materials that meet Contract requirements. Unless otherwise specified or approved by the Engineer, the Contractor

shall use new materials for the work. The Contractor shall secure the Engineer's approval of the proposed source of materials to be used before their delivery to the site. Materials can be approved by the Engineer at a supply source or staging area but may be re-inspected at the job site. Contractor shall be responsible for cost of additional sampling and testing if material source changes.

Material Quality. It is the Contractor's responsibility to correct or remove materials that fail to meet the Contract requirements.

Materials not meeting Contract requirements will be rejected, unless the Engineer approves corrective actions. Upon rejection by the Engineer, the Contractor must immediately remove and replace rejected materials.

If the Contractor does not comply with this Article, the County may remove and replace defective material. The cost of testing, removal, and replacement will be deducted from invoice submitted to the County.

Manufacturer Warranties. Contractor shall transfer to the County warranties and guarantees required by the Contract, from Contractor sources, or received as part of normal trade practice.

Plant Inspection and Testing. The Engineer may, but is not obligated to, inspect materials at the acquisition or manufacturing source. Material samples will be obtained and tested for compliance with quality requirements. Materials produced under County inspection are for County use only unless released in writing by the Engineer.

If inspection is at the plant, Contractor shall meet the following conditions unless otherwise specified:

- Cooperate fully and assist the Engineer during the inspection.
- Ensure the Engineer has full access to all parts of the plant used to manufacture or produce materials.
- In accordance with pertinent Items and the Contract, provide a facility at the plant for use by the Engineer as an office or laboratory.

The Engineer may provide inspection for periods other than daylight hours if:

- Continuous production of materials for County use is necessary due to the production volume being handled at the plant, and
- The lighting is adequate to allow satisfactory inspection.

The Contractor shall provide copies of all test results to the County and the Engineer prior to the County's acceptance of improvements.

The Contractor shall coordinate with the County's field representative 48 hours prior to schedule density testing. The County's field representative shall witness all testing.

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, and as amended and/or updated, 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. The project shall begin within five (5) working days after such notification and shall continue for sixty (60) working days.

Contractor shall not begin asphalt 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 construction 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 construction work.

Contractor specifically acknowledges that Williamson County will sustain damages for each working day beyond the required dates of substantial completion of the project. 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 project.

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, unless otherwise directed by the Engineer.

Night time, weekend and holiday work is allowed with prior approval by the 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.

Do not park equipment or make stockpiles where driver sight distance to residences 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.

Contractor shall provide at least one portable restroom near the work site at all times in order to provide a bathroom to individuals providing work hereunder.

If multiple days are required to complete work, Contractor shall not leave work in hazardous conditions, as determined by the Engineer.

Contractor shall maintain positive drainage for permanent and temporary site conditions for duration of project.

The actual quantity required may vary from the estimated quantities in the contract. The Contractor shall be compensated for satisfactory completed work based on actual quantities per bid Item. This price shall be full compensation for furnishing all labor, equipment, time, materials and incidentals necessary to complete the work.

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 concrete 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.

Contractor's equipment and vehicles shall not be maintained on-site during construction, except at designated sites as approved by the Inspector.

Contractor shall mark and maintain 100 ft stations for the duration of the project, as directed. This work shall be considered subsidiary to the various bid items.

BLASTING

No Blasting will be allowed on the project.

ENTRY INTO AND PROTECTION OF ADJACENT PROPERTIES

Design of this project did not contemplate a need to enter adjacent properties except where permanent or temporary work easements are shown on the Plans. Should it be necessary during construction of the work to enter on adjacent properties, the County shall be notified. The contractor shall be responsible for all arrangements to enter and shall be liable for repair of fences and restoration of any property damage outside the right-of-way and easements shown in the plans.

Access to the right-of-way and easements adjacent to private property shall be coordinated with the adjacent property owner at least 48 hours in advance.

LOCATION AND PROTECTION OF UTILITIES

The 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.

Notwithstanding any other provision of this Contract, the Contractor shall be solely responsible for the location and protection of any and all public and/or private utility lines and utility customer service lines in the work area. The Contractor shall exercise due care to locate and to mark, uncover, or otherwise protect all such lines in the construction zone and any of the Contractor's work or storage areas.

Upon request, the County may provide such information that it has about the location and grade of water, telephone, cable, and electric lines and other utilities on the work area, but such information shall not relieve or be deemed to be in satisfaction of the

Contractor's obligation hereunder, which shall be primary and nondelegable. Any such lines damaged by the Contractor's operations shall be immediately repaired by the Contractor or damage shall be repaired at Contractor's expense.

SURPLUS MATERIAL

Excavated or surplus natural soil and rock material, unless otherwise noted in the Plans or Specifications, shall be known as "spoil" and the Contractor shall be responsible for hauling and disposing of all excavated materials off the project site, unless otherwise directed by the Engineer. Consider subsidiary to the pertinent Items.

RESTORATION/REVEGETATION

All disturbed areas within the right of way, easements, and limits of construction shall be restored. Restoration shall include all topsoil, seeding/sodding, watering, fertilizer, labor and equipment necessary to complete the project in accordance with the Plans and Specifications.

Restoration shall be installed and vegetation established prior to final acceptance of the project, or as approved by the County.

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. The 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.

Revegetation measures will begin as soon as practical. The County reserves the right to require the immediate installation of revegetation measures whenever deemed necessary.

The County reserves the right to require additional revegetation measures deemed necessary at any time after construction has begun until the County has accepted the erosion control measures and revegetation measures.

The Contractor shall be responsible for maintaining, repairing or replacing all erosion control devices as may be directed by the Inspector. This work shall be considered subsidiary to the various bid Items.

ITEM 105 – REMOVING TREATED AND UNTREATED BASE AND APSHALT PAVEMENT

Milling machine shall be used to mill existing roadway to proposed subgrade elevation. The contractor shall provide drainage outfall or pump water out of the ponding areas. Consider this work as subsidiary to this item.

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 to the areas of sodding and sod as shown in the Plans.

Contractor is fully responsible for maintenance/repair of placed topsoil, including damage caused by travelling public, until topsoil is compacted and vegetation is fully established.

Match existing species when sodding adjacent to established turf.

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 sodded. Maintain the sod 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.

The County is not responsible for the source of water to be used on the project even during a drought condition.

Watering rates shall be 12,000 gallons/acre per working day for 15 consecutive working days.

Rate and frequency may be adjusted with the approval of the Engineer, to meet site conditions.

ITEM 204 – SPRINKLING

Apply water for dust control as directed. When dust control is not being maintained, cease operations until dust control is maintained. Consider subsidiary to the pertinent Items.

ITEM 216 – PROOF ROLLING

Correct and perform "Proof Rolling" retest at the Contractor's expense, to the satisfaction of the Engineer, when initial "Proof Rolling" yields a failing result. Consider subsidiary to the pertinent Items.

ITEM 247 – FLEXIBLE BASE

Complete all subgrade, ditches, slopes, and place all drainage structures to conform to required line, grades, and cross-sections, as shown and directed, prior to the placement of Flex Base.

Do not use a vibratory roller to compact the material directly over a box culvert.

ITEM 275 – CEMENT TREATMENT (ROAD-MIXED)

Apply 37.8 pounds per square yard.

Unless shown on the plans flexible base will be as follows: Type A Grade 5, microcracked, and 7-day unconfined compressive strength of 150 psi.

ITEM 310 – PRIME COAT

Apply blotter material to all driveways and intersections. This work is subsidiary. When Multi Option is allowed, provide MC 30, EC 30 or AE-P.

Rolling to ensure penetration is required.

ITEM 340 – DENSE-GRADED HOT-MIX APSHALT (SMALL QUANTITY)

Recycled asphalt shingles and recycled asphalt pavement are not permitted to be used in the mix design for the bond breaker course type D.

ITEM 360 – CONCRETE PAVEMENT

The continuously reinforced concrete pavement (CRCP) shall be broom finished on the riding surface.

Valley gutter shall be constructed per details and specifications, measured and compensated by this bid Item. Reinforcements shall be installed longitudinally along the flow line of the valley gutter. Valley gutter shall be installed as a separate pour from the CRCP paving. Valley gutter connections to the CRCP on Limestone Terrace shall have smooth dowel bars (1 ¼" x 18" at 12" spacing) at the interface of the valley gutter and CRCP. Valley gutter connections to the CRCP on Quarry Rim Drive shall follow longitudinal construction joint per TxDOT Standard CRCP (1) – 17.

ITEM 502 - BARRICADES, SIGNS, AND TRAFFIC HANDLING

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, work will cease.

Traffic Control Plans shown in Plans are a minimum requirement. The contractor shall be responsible for any additional signs, barricades, flagmen or other traffic control devices as necessary for the safety of the traveling public. All traffic control devices shall be compliant with the current Texas Manual of Uniform Traffic Control Devices.

The Contractor shall notify the County when any traffic changes are to be made. The Contractor shall also notify all affected emergency service districts, school districts, and U.S. Postal Offices. The notifications must be made TWO DAYS prior to any change.

Maintain enough workers to revise traffic control as directed.

Necessary barricades, sufficient lighting, signage and other traffic control methods may be necessary for the protection and safety of the public; and shall be provided by the Contractor and maintained during the construction operation. Any open trenches shall be covered and protected overnight as needed. The traffic control shall be adjusted in the morning prior to beginning any work.

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. All traffic control devices are listed in TxDOT's WZTCDL.

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 as 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 as subsidiary to the pertinent Items.

Maintain Sandbags that are used for ballast, as directed. Consider subsidiary to the pertinent Items.

The Contractor's crew leader shall be a competent person who will be responsible and available on the project site or in the immediate area to insure compliance with the TCP.

ITEM 506 – TEMPORARY EROSION, SEDIMENTATION, AND ENVIRONMENTAL CONTROLS

The County will obtain an authorization to discharge storm water from the Texas Commission on Environmental Quality (TCEQ) for the construction activities shown in Plans.

ITEM 530 – DRIVEWAYS

The Contractor shall notify the County and property owners a minimum of 48 hours in advance of beginning work on their driveways, and provide the County a list of each notification and contact prior to each closure.

For temporary closure of driveways, contractor shall coordinate with county and property owner a minimum of 24 hrs prior to temporary closure.

The Contractor shall repair any damages to adjacent properties to equal or better conditions at the Contractor's expense.

ITEM 6001 – PORTABLE CHANGEABLE MESSAGE SIGN

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. 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. This shall not be paid for directly, but shall be considered subsidiary to this bid Item.

LIST OF GOVERNING SPECIFICATIONS

(STANDARD SPECIFICATIONS, SPECIAL PROVISIONS, AND SPECIAL SPECIFICATIONS)

WHERE DISCREPANCIES OCCUR BETWEEN THE TECHNICAL SPECIFICATIONS, THE FOLLOWING DESCENDING ORDER OF PRIORITY SHALL GOVERN: (1) SPECIAL CONDITIONS, (2) SPECIAL PROVISIONS TO SPECIAL SPECIFICATIONS, (3) SPECIAL SPECIFICATIONS, (4) SPECIAL PROVISIONS, AND (5) STANDARD 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 GENERAL REQUIRMENTS AND COVENANTS

ITEM	0104	REMOVING CONCRETE (9)
ITEM	0105	REMOVING TREATED AND UNTREATED BASE AND ASPHALT PAVEMENT (None)
ITEM	0160	TOPSOIL (7, 168)
ITEM	0162	SODDING FOR EROSION CONTROL (166, 168)
ITEM	0168	VEGETATIVE WATERING (None)
ITEM	0247	FLEXIBLE BASE (204, 210, 216, 275, 520)
ITEM	0275	CEMENT TREATMENT (204, 210, 216, 247, 520)
ITEM	0310	PRIME COAT (300, 316)
ITEM	0340	DENSE-GRADED HOT-MIX ASPHALT (SMALL QUANTITY) (5, 6, 300, 301, 320, 520, 585)
ITEM	0360	CONCRETE PAVEMENT (421, 422, 438, 440, 529, 585)
ITEM	0432	RIPRAP (247, 420, 421, 431, 440)
ITEM	0500	MOBILIZATION (None)
ITEM	0502	BARRICADES, SIGNS, AND TRAFFIC HANDLING (5, 9)
ITEM	0506	TEMPORARY EROSION, SEDIMENTATION, AND ENVIRONMENTAL CONTROLS (161, 432, 556) CONCRETE
ITEM	0529	CURB, GUTTER, AND COMBINED CURB AND GUTTER (360, 420, 421, 440)
ITEM	0644	SMALL ROADSIDE SIGN ASSEMBLIES (421, 440, 441, 442, 445, 636, 643, 656)
ITEM	0666	RETROREFLECTORIZED PAVEMENT MARKINGS (9, 316, 502, 662, 677, 678)

ITEM 0672 PREFABRICATED PAVEMENT MARKINGS (9, 678)

SPECIAL SPECIFICATIONS:

ITEM 6001 PORTABLE CHANGEABLE MESSAGE SIGN

GENERAL: THE ABOVE-LISTED SPECIFICATION ITEMS ARE THOSE UNDER WHICH PAYMENT IS TO BE MADE. THESE, TOGETHER WITH SUCH OTHER PERTINENT ITEMS, IF ANY, AS MAY BE REFERRED TO IN THE ABOVE-LISTED SPECIFICATION ITEMS, AND INCLUDING THE SPECIAL PROVISIONS AND SPECIAL SPECIFICATIONS LISTED ABOVE, CONSTITUTE THE COMPLETE SPECIFICATIONS FOR THIS PROJECT.

Special Specification 6001
Portable Changeable Message Sign

1. DESCRIPTION

Furnish, operate, and maintain portable trailer mounted changeable message sign (PCMS) units.

2. MATERIALS

Furnish new or used material in accordance with the requirements of this Item and the details shown on the plans. Provide a self-contained PCMS unit with the following:

- Sign controller
- Changeable Message Sign
- Trailer
- Power source

Paint the exterior surfaces of the power supply housing, supports, trailer, and sign with Federal Orange No. 22246 or Federal Yellow No. 13538 of Federal Standard 595C, except paint the sign face assembly flat black.

2.1. **Sign Controller**. Provide a controller with permanent storage of a minimum of 75 pre-programmed messages. Provide an external input device for random programming and storage of a minimum of 75 additional messages. Provide a controller capable of displaying up to 3 messages sequentially. Provide a controller with adjustable display rates. Enclose sign controller equipment in a lockable enclosure.

2.2. **Changeable Message Sign**. Provide a sign capable of being elevated to at least 7 ft. above the roadway surface from the bottom of the sign. Provide a sign capable of being rotated 360° and secured against movement in any position.

Provide a sign with 3 separate lines of text and 8 characters per line minimum. Provide a minimum 18 in. character height. Provide a 5 × 7 character pixel matrix. Provide a message legibility distance of 600 ft. for nighttime conditions and 800 ft. for normal daylight conditions. Provide for manual and automatic dimming light sources.

The following are descriptions for 3 screen types of PCMS:

- **Character Modular Matrix**. This screen type comprises of character blocks.
- **Continuous Line Matrix**. This screen type uses proportionally spaced fonts for each line of text.
- **Full Matrix**. This screen type uses proportionally spaced fonts, varies the height of characters, and displays simple graphics on the entire sign.

2.3. **Trailer**. Provide a 2 wheel trailer with square top fenders, 4 leveling jacks, and trailer lights. Do not exceed an overall trailer width of 96 in. Shock mount the electronics and sign assembly.

2.4. **Power Source**. Provide a diesel generator, solar powered power source, or both. Provide a backup power source as necessary.

2.5. **Cellular Telephone**. When shown on the plans, provide a cellular telephone connection to communicate with the PCMS unit remotely.

3. CONSTRUCTION

Place or relocate PCMS units as shown on the plans or as directed. The plans will show the number of PCMS units needed, for how many days, and for which construction phases.

Maintain the PCMS units in good working condition. Repair damaged or malfunctioning PCMS units as soon as possible. PCMS units will remain the property of the Contractor.

4. MEASUREMENT

This Item will be measured by each PCMS or by the day used. All PCMS units must be set up on a work area and operational before a calendar day can be considered measurable. When measurement by the day is specified, a day will be measured for each PCMS set up and operational on the worksite.

5. PAYMENT

The work performed and materials furnished in accordance with this Item and measured as provided under "Measurement" will be paid for at the unit price bid for "Portable Changeable Message Sign." This price is full compensation for PCMS units; set up; relocating; removing; replacement parts; batteries (when required); fuel, oil, and oil filters (when required); cellular telephone charges (when required); software; and equipment, materials, tools, labor, and incidentals.

SHEET NO.		DESCRIPTION
		GENERAL
1		TITLE SHEET
2-3		ESTIMATE OF QUANTITY
4		CONTROL INDEX SHEET
5		CONSTRUCTION NOTES AND TYPICAL SECTIONS
6		HORIZONTAL ALIGNMENT DATA
		EROSION CONTROL PLAN
7		EROSION CONTROL PLAN
		TRAFFIC CONTROL PLAN
8		TRAFFIC CONTROL PLAN PHASE I
9		TRAFFIC CONTROL PLAN PHASE II
10		TRAFFIC CONTROL PLAN PHASE III
		ROADWAY
11-12		LIMESTONE TERRACE PLANS
13-14		QUARRY RIM DR PLANS (JARRELL CITY LIMITS)
15		SPECIAL DETAIL
		STANDARDS
16	*	EC(2)-16
17	*	EC(3)-16
18-20	*	EC(9)-16
21-32	*	BC(1)-(12)-14
33	*	WZ(RCD)-13
34	*	TCP(1-1)-18
35	*	TCP(1-4)-18
36	*	CCCG-12
37-38	*	CRCP(1)-17
39	*	CRR
40	*	SMD(GEN)-08
41	*	SMD(SLIP-1)-08
42	*	SMD(SLIP-2)-08
43	*	SMD(SLIP-3)-08
44	*	PM(1)-12
45	*	PM(2)-12

REFERENCED STANDARD SPECIFICATIONS:
SPECIFICATIONS ADOPTED BY THE TEXAS DEPARTMENT OF TRANSPORTATION, 2014 SHALL GOVERN THIS PROJECT.

WILLIAMSON COUNTY
DEPARTMENT OF INFRASTRUCTURE

3151 S.E. INNER LOOP
GEORGETOWN, TEXAS 78626
512-943-3330
www.wilco.org

PLANS FOR PROPOSED
LIMESTONE TERRACE/QUARRY RIM DRIVE
IMPROVEMENTS

LIMESTONE TERRACE STA: 100+00 through STA: 111+00
QUARRY RIM DRIVE STA: 10+00 through STA: 17+00

MARCH 2019

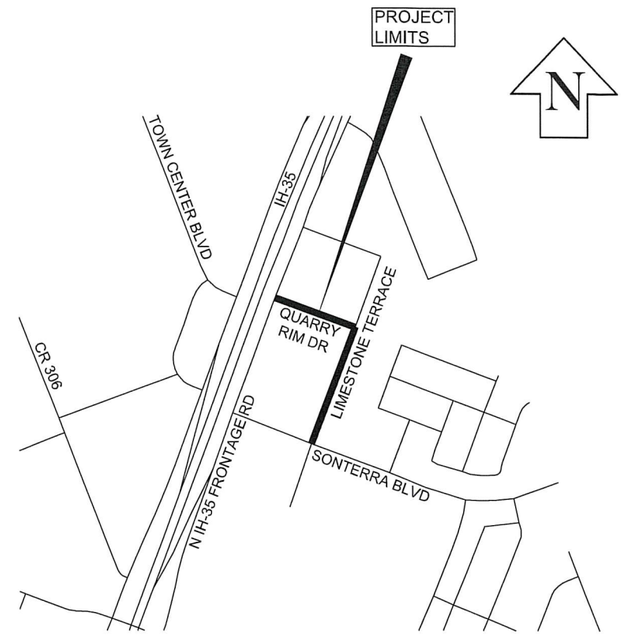
FUNCTIONAL CLASSIFICATION - URBAN LOCAL
PROJECT DESIGN SPEED - 30 mph
ADT - N/A

WILLIAMSON COUNTY
1848

GENERAL PROJECT INFO: CONSTRUCTION/REHABABILITATION OF LIMESTONE TERRACE/QUARRY RIM DRIVE PROJECT CONSISTS OF FULL DEPTH PAVEMENT REMOVAL AND REPLACEMENT WITH CRCP PAVEMENT STRUCTURE, AND RESTRIPING.

LIMITS: FROM SONTERRA BLVD TO N IH-35 FRONTAGE RD. FROM THE INTERSECTION OF SONTERRA BLVD & LIMESTONE TER TO INTERSECTION OF LIMESTONE TER & QUARRY RIM DR, APPROXIMATELY 1,013 LF (0.19 MILE) IN LENGTH; FROM THE INTERSECTION OF LIMESTONE TER & QUARRY RIM DR TO INTERSECTION OF QUARRY RIM DR & IH-35 FRONTAGE RD, APPROXIMATELY 604 LF (0.12 MILE) IN LENGTH.

#	SHEETS AFFECTED	BY	DATE



VICINITY MAP
N.T.S.

DESIGN ENGINEER

DESIGNED BY:

TYLER DUBE, P.E. — 3/19/2019 DATE

STATE OF TEXAS — TYLER P. DUBE — 118612 — LICENSED PROFESSIONAL ENGINEER

APPROVED BY:

GILMER GASTON, P.E. — 3/19/2019 DATE

STATE OF TEXAS — GILMER D. GASTON — 80472 — LICENSED PROFESSIONAL ENGINEER

WILLIAMSON COUNTY

APPROVED AND RECOMMENDED FOR CONSTRUCTION:

J. TERRON EVERTSON, P.E., COUNTY ENGINEER — DATE 4/15/19 KAK

\\pope-dawson\pd\H\projects\510\16\02\Design\Civil\General\5101602_WILCO_TITLE 11X17_LimestoneQuarry.dgn 3/19/2019 7:51:58 AM
4/17/2019 7:07 AM

ESTIMATE SUMMARY

QUARRY RIM IMPROVEMENTS (JARRELL CITY LIMITS)		LIMESTONE TERRACE IMPROVEMENTS		ALT	ITEM-CODE			DESCRIPTION	UNIT	TOTAL	
EST.	FINAL	EST.	FINAL		ITEM NO		SP NO			EST.	FINAL
		140.000			0104	6017		REMOVING CONC (DRIVEWAYS)	SY	140.000	
44.000		242.000			0104	6022		REMOVING CONC (CURB AND GUTTER)	LF	286.000	
		315.000			0104	6026		REMOVE CONC (GUTTER)	LF	315.000	
3316.000		5207.000			0105	6108		RMV STAB BASE & ASPH PV (17")	SY	8523.000	
130.000		122.000			0160	6003		FURNISHING AND PLACING TOPSOIL (4")	SY	252.000	
130.000		122.000			0162	6008		ROLL SODDING	SY	252.000	
4.840		4.540			0168	6001		VEGETATIVE WATERING	MG	9.380	
551.000		928.000			0247	6041		FL BS (CMP IN PLC)(TYA GR1&2)(FNAL POS)	CY	1479.000	
62.500		105.200			0275	6001		CEMENT	TON	167.700	
3309.000		5569.000			0275	6003		CEMENT TREAT (NEW BASE) (6")	SY	8878.000	
661.800		1113.800			0310	6001		PRIME COAT (MULTI OPTION)	GAL	1775.600	
285.400		480.400			0340	6106		D-GR HMA(SQ) TY-D PG64-22	TON	765.800	
3309.000		5569.000			0360	6004		CONC PVMT (CONT REINF - CRCP) (10")	SY	8878.000	
8.000					0432	6003		RIPRAP (CONC)(6 IN)	CY	8.000	
0.360		0.640			0500	6001		MOBILIZATION	LS	1.000	
1.000		2.000			0502	6001		BARRICADES, SIGNS AND TRAFFIC HANDLING	MO	3.000	
		40.000			0506	6004		ROCK FILTER DAMS (INSTALL) (TY 4)	LF	40.000	
		40.000			0506	6011		ROCK FILTER DAMS (REMOVE)	LF	40.000	
267.000		245.000			0506	6020		CONSTRUCTION EXITS (INSTALL) (TY 1)	SY	512.000	
267.000		245.000			0506	6024		CONSTRUCTION EXITS (REMOVE)	SY	512.000	
		36.000			0506	6041		BIODEG EROSN CONT LOGS (INSTL) (12")	LF	36.000	
		36.000			0506	6043		BIODEG EROSN CONT LOGS (REMOVE)	LF	36.000	
120.000		249.000			0529	6002		CONC CURB (TY II)	LF	369.000	
		2.000			0644	6068		RELOCATE SM RD SN SUP&AM TY 10BWG	EA	2.000	
21.000		60.000			0666	6048		REFL PAV MRK TY I (W)24"(SLD)(100MIL)	LF	81.000	
230.000		446.000			0666	6167		REFL PAV MRK TY II (W) 4" (BRK)	LF	676.000	
230.000					0666	6170		REFL PAV MRK TY II (W) 4" (SLD)	LF	230.000	
21.000		60.000			0666	6182		REFL PAV MRK TY II (W) 24" (SLD)	LF	81.000	
1140.000		1810.000			0666	6207		REFL PAV MRK TY II (Y) 4" (SLD)	LF	2950.000	
230.000		446.000			0666	6300		RE PM W/RET REQ TY I (W)4"(BRK)(100MIL)	LF	676.000	
230.000					0666	6303		RE PM W/RET REQ TY I (W)4"(SLD)(100MIL)	LF	230.000	
1140.000		1810.000			0666	6315		RE PM W/RET REQ TY I (Y)4"(SLD)(100MIL)	LF	2950.000	
24.000		40.000			0672	6009		REFL PAV MRKR TY II-A-A	EA	64.000	
1.000		1.000			6001	6002		PORTABLE CHANGEABLE MESSAGE SIGN	EA	2.000	

NO.	REVISION	BY	DATE

PAPE-DAWSON ENGINEERS
SAN ANTONIO | AUSTIN | HOUSTON | FORT WORTH | DALLAS
2000 NW LOOP 410 | SAN ANTONIO, TX 78213 | 210.375.9000
TBPE FIRM REGISTRATION #470 | TBPLS FIRM REGISTRATION #10028800

WILLIAMSON COUNTY 1848

WILLIAMSON COUNTY DEPT. OF INFRASTRUCTURE

ESTIMATE OF QUANTITY

Designed:	BE
Checked:	TPD
Drawn:	BE
Checked:	TPD

3151 S.E. INNER LOOP
GEORGETOWN, TEXAS 78626
512-943-3330
www.wilco.org

SHEET NO. 2

\\pape-dawson\pd\H\projects\510\16\02\Design\Civil\General\5101602_Estimate&Quantity_Limestone.dgn
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	ITEM	0104-6017	0104-6022	0104-6026	0105-6108	0247-6041	0275-6001	0275-6003	0310-6001
	INTERSECTION	REMOVING CONC (DRIVEWAYS)	REMOVING CONC (CURB AND GUTTER)	REMOVE CONC (GUTTER)	RMV STAB BASE & ASPH PV (17")	FL BS (CMP IN PLC) (TYA GR1&2) (FNAL POS)	CEMENT	CEMENT TREAT (NEW BASE) (6")	PRIME COAT (MULTI OPTION)
SHT NO		SY	LF	LF	SY	CY	TON	SY	GAL
11	LIMESTONE TERRACE PLANS	140	185	112	2590	478.0	54.2	2869	573.80
12	LIMESTONE TERRACE PLANS		57	203	2617	450.0	51.0	2700	540.00
13	QUARRY RIM DR PLANS (JARRELL CITY LIMITS)		18		926	154.0	17.5	926	185.20
14	QUARRY RIM DR PLANS (JARRELL CITY LIMITS)		26		2390	397.0	45.0	2383	476.60
	TOTALS	140	286	315	8523	1479.0	167.7	8878	1775.60

	ITEM	0340-6106	0360-6004	0432-6003	0529-6002	0644-6068	0666-6048	0666-6167	0666-6170
	INTERSECTION	D-GR HMA (SQ) TY-D PG64-22	CONC PVMT (CONT REINF - CRCP) (10")	RIPRAP (CONC) (6 IN)	CONC CURB (TY II)	RELOCATE SM RD SN SUP&AM TY 10BWG	REFL PAV MRK TY I (W) 24" (SLD) (100MIL)	REFL PAV MRK TY II (W) 4" (BRK)	REFL PAV MRK TY II (W) 4" (SLD)
SHT NO		TON	SY	CY	LF	EA	LF	LF	LF
11	LIMESTONE TERRACE PLANS	247.5	2869		195	2	20	260	
12	LIMESTONE TERRACE PLANS	232.9	2700		54		40	186	
13	QUARRY RIM DR PLANS (JARRELL CITY LIMITS)	79.9	926	8.0	94		21	30	120
14	QUARRY RIM DR PLANS (JARRELL CITY LIMITS)	205.5	2383		26			200	110
	TOTALS	765.8	8878	8.0	369	2	81	676	230

	ITEM	0666-6182	0666-6207	0666-6300	0666-6303	0666-6315	0672-6009
	INTERSECTION	REFL PAV MRK TY II (W) 24" (SLD)	REFL PAV MRK TY II (Y) 4" (SLD)	RE PM W/RET REQ TY I (W) 4" (BRK) (100MIL)	RE PM W/RET REQ TY I (W) 4" (SLD) (100MIL)	RE PM W/RET REQ TY I (Y) 4" (SLD) (100MIL)	REFL PAV MRKR TY II-A-A
SHT NO		LF	LF	LF	LF	LF	EA
11	LIMESTONE TERRACE PLANS	20	1060	260		1060	22
12	LIMESTONE TERRACE PLANS	40	750	186		750	18
13	QUARRY RIM DR PLANS (JARRELL CITY LIMITS)	21	240	30	120	240	6
14	QUARRY RIM DR PLANS (JARRELL CITY LIMITS)		900	200	110	900	18
	TOTALS	81	2950	676	230	2950	64

SUPPLEMENTAL QUANTITIES

	ITEM	0160-6003	0162-6008	0168-6001	0500-6001	0502-6001	0506-6004	0506-6011
	ROADWAY	FURNISHING AND PLACING TOPSOIL (4")	ROLL SODDING	VEGETATIVE WATERING	MOBILIZATION	BARRICADES, SIGNS AND TRAFFIC HANDLING	ROCK FILTER DAMS (INSTALL) (TY 4)	ROCK FILTER DAMS (REMOVE)
SHT NO		SY	SY	MG	LS	MO	LF	LF
7	EROSION CONTROL PLAN (LIMESTONE TERR)	122	122	4.54			40	40
7	EROSION CONTROL PLAN (QUARRY RIM DR)	130	130	4.84				
8	TRAFFIC CONTROL PLAN (LIMESTONE TER)					2		
9	TRAFFIC CONTROL PLAN (QUARRY RIM DR)					1		
11	LIMESTONE TERRACE PLANS				0.64			
13	QUARRY RIM DR PLANS (JARRELL CITY LIMITS)				0.36			
	TOTALS	252	252	9.38	1.00	3	40	40

	ITEM	0506-6020	0506-6024	0506-6041	0506-6043	6001-6002
	ROADWAY	CONSTRUCTION EXITS (INSTALL) (TY 1)	CONSTRUCTION EXITS (REMOVE)	BIODEG EROSN CONT LOGS (INSTL) (12")	BIODEG EROSN CONT LOGS (REMOVE)	PORTABLE CHANGEABLE MESSAGE SIGN
SHT NO		SY	SY	LF	LF	EA
7	EROSION CONTROL PLAN (LIMESTONE TERR)	245	245	36	36	
7	EROSION CONTROL PLAN (QUARRY RIM DR)	267	267			
8	TRAFFIC CONTROL PLAN (LIMESTONE TER)					1
9	TRAFFIC CONTROL PLAN (QUARRY RIM DR)					1
11	LIMESTONE TERRACE PLANS					
13	QUARRY RIM DR PLANS (JARRELL CITY LIMITS)					
	TOTALS	512	512	36	36	2

NO.	REVISION	BY	DATE

PAPE-DAWSON ENGINEERS
SAN ANTONIO | AUSTIN | HOUSTON | FORT WORTH | DALLAS
2000 NW LOOP 410 | SAN ANTONIO, TX 78213 | 210.375.9000
TBPE FIRM REGISTRATION #470 | TBPLS FIRM REGISTRATION #10028800

WILLIAMSON COUNTY 1848

WILLIAMSON COUNTY DEPT. OF INFRASTRUCTURE

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SHEET NO. 3

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LIMESTONE TERRACE - QUARRY RIM DRIVE
WILLIAMSON COUNTY, TEXAS

PROJECT CONTROL HORIZONTAL AND VERTICAL VALUES
GRID COORDINATES

POINT	NORTH	EAST	ELEVATION	DESCRIPTION
100	10269348.59	3151438.25	907.65	PK NAIL SET AT SE CORNER OF CONCRETE INLET
101	10269922.46	3151584.91	904.94	1/2" IRON ROD SET W/PLASTIC CONTROL POINT CAP SET

PROJECT CONTROL HORIZONTAL AND VERTICAL VALUES
SURFACE COORDINATES

POINT	NORTH	EAST	ELEVATION	DESCRIPTION
100	10270888.99	3151910.97	907.65	PK NAIL SET AT SE CORNER OF CONCRETE INLET
101	10271462.94	3152057.64	904.94	1/2" IRON ROD SET W/PLASTIC CONTROL POINT CAP SET

NOTES:

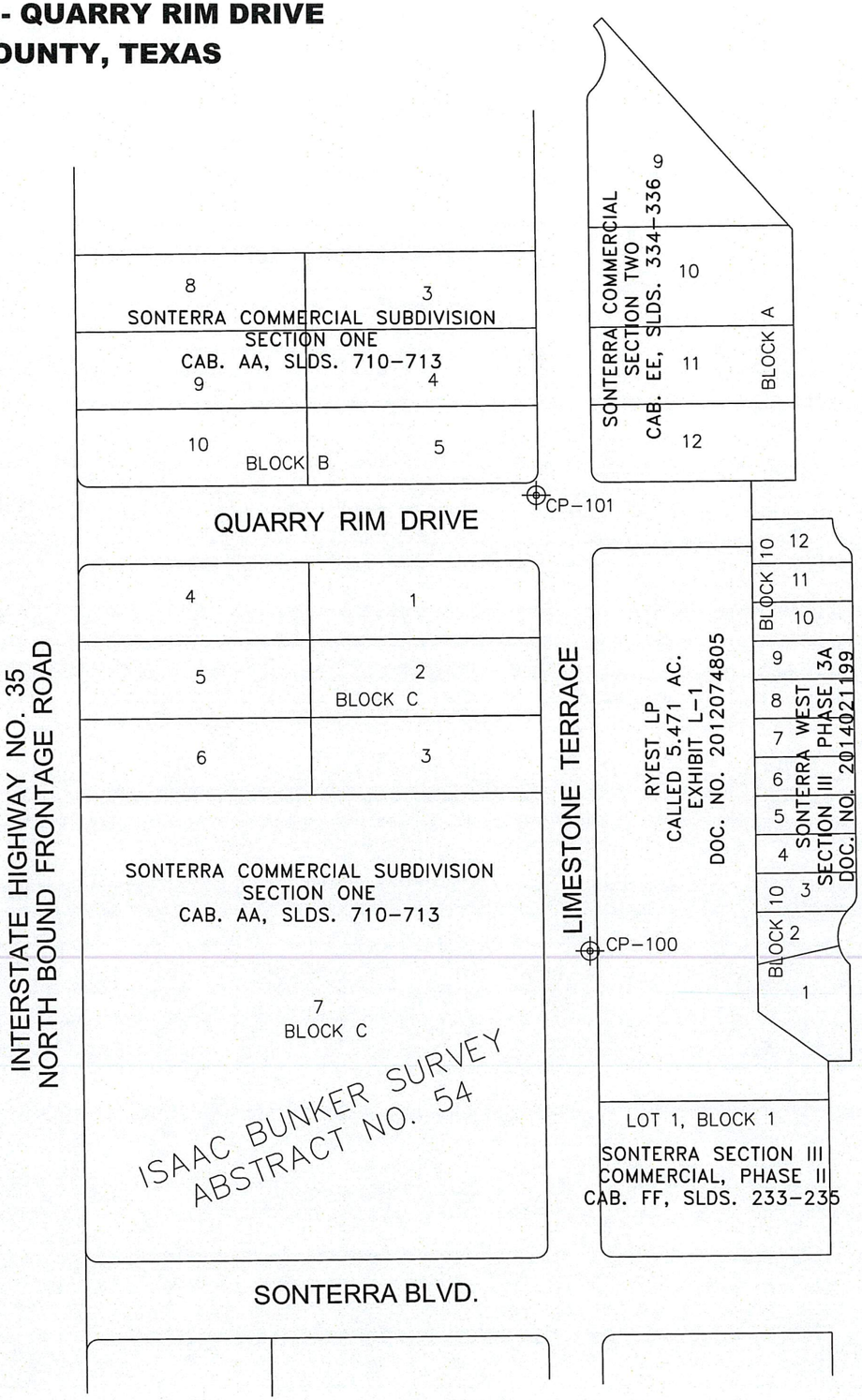
1. ALL PROJECT COORDINATES ARE BASED ON THE TEXAS COORDINATE SYSTEM, CENTRAL ZONE (4203), NAD-83. ALL COORDINATES SHOWN HEREON ARE ADJUSTED TO SURFACE BY USING A COMBINED SCALE FACTOR OF 1.00015. UNITS: U.S. SURVEY FEET

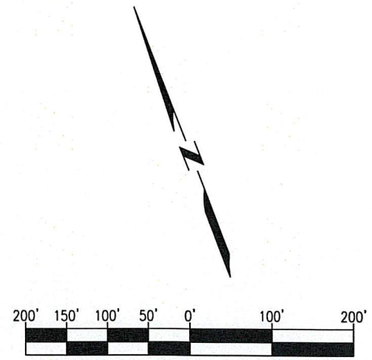
2. VERTICAL DATUM: NAVD-88 (GEOID 2012A) PER LEICA VRS (SMARTNET) GPS NETWORK. ESTABLISHED ON SITE 4-18-2018. HELD CONTROL POINT 101 (ELEVATION = 907.65 FEET). ALL OTHER CONTROL POINT ELEVATIONS ARE BASED ON CONVENTIONAL LEVELING METHODS.

3. ALL DOCUMENTS LISTED HEREON ARE RECORDED AT THE WILLIAMSON COUNTY CLERK'S OFFICE IN GEORGETOWN, TEXAS.

STATE OF TEXAS
REGISTERED
SHANE SHAFER
5281
PROFESSIONAL
LAND SURVEYOR

DATE: JUNE 13, 2018





SCALE: 1" = 200' (17" X 11")
WILLIAMSON COUNTY, TEXAS

LIMESTONE TERRACE - QUARRY RIM DRIVE
WILLIAMSON COUNTY, TEXAS
DSI JOB NO. 2018-32
DATE: JUNE, 2018
FIELD BOOK NO.: 258

DIAMOND SURVEYING, INC.
116 SKYLINE ROAD, GEORGETOWN, TX 78628
(512) 931-3100
FIRM REGISTRATION NUMBER 10006900

CONTROL INDEX SHEET
SHEET 1 OF 1

LIMESTONE TERRACE QUARRY RIM		WILLIAMSON COUNTY PROJECT NO.	
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS		WILLIAMSON	
CONTROL	SECTION	HIGHWAY NO.	4
		LIMESTONE TERRACE - QUARRY RIM	p. 49

F:\Data-DSI\WCRB_LIMESTONE-JARRELL & SH29-CR 366 TOPO\LIMESTONE TERRACE AT SONTERA JARRELL\MICROSTATION\CONTROL SHEET.dwg

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SEQUENCE OF WORK

1. NOTIFY AFFECTED BUSINESS OWNERS 2 WEEKS PRIOR TO CONSTRUCTION, MAINTAIN REASONABLE ACCESS AT ALL TIMES.
2. PLACE TEMPORARY SIGNING WITHIN PROJECT LIMITS ACCORDING TO TXDOT STANDARDS.
3. PLACE TEMPORARY EROSION CONTROL DEVICES AS SHOWN IN THE PLANS AND AS DIRECTED BY THE ENGINEER.
4. DETOUR TRAFFIC AS SHOWN IN THE PLANS PRIOR TO BEGINNING ANY OTHER WORK.
5. REMOVE EXISTING PAVEMENT TO PROPOSED SUBGRADE ELEVATION.
6. PLACE PROPOSED PAVEMENT SECTION ACCORDING TO THE TYPICAL SECTIONS.
7. INSTALL PERMANENT SIGNING AND PAVEMENT MARKINGS AS SHOWN IN THE PLANS.
8. PROCEED TO NEXT TCP PHASE ONLY WHEN CURRENT PHASE IS COMPLETE.
9. REPEAT STEPS 1–8 UNTIL ALL PHASES ARE COMPLETE.
10. REMOVE TCP AND SW3P ITEMS AFTER ALL PHASES ARE COMPLETE.

CONSTRUCTION NOTES

1. TRAFFIC MUST BE HANDLED THROUGHOUT THE PROJECT DURING CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING A SAFE AND COMFORTABLE PASSAGE FOR VEHICULAR AND PEDESTRIAN TRAFFIC WITH MINIMAL INCONVENIENCE TO THE PUBLIC, AS SHOWN IN THE PLANS OR AS DIRECTED/APPROVED BY THE ENGINEER.

2. THE CONTRACTOR MAY PROPOSE/RECOMMEND MODIFICATIONS TO THE SEQUENCE OF WORK FOR CONSIDERATION BY THE ENGINEER, ANY MAJOR RECOMMENDED MODIFICATION BY THE CONTRACTOR SHALL INCLUDE ANY CHANGES TO THE VARIOUS BID ITEMS, IMPACT TO TRAFFIC, EFFECT OF OVERALL PROJECT IN TIME AND COST, ETC. IF THIS PROPOSAL IS IMPLEMENTED, THE CONTRACTOR WILL BE RESPONSIBLE FOR DEVELOPING DETAILED PLAN SHEETS TO BE SEALED BY A LICENSED PROFESSIONAL ENGINEER FOR INCLUSION WITH THE CHANGE ORDER. THE CONTRACTOR CANNOT PROCEED WITH ANY CONSTRUCTION OPERATIONS BASED ON A REVISED PHASE/SEQUENCE UNTIL WRITTEN APPROVAL IS OBTAINED FROM THE ENGINEER. IF AT ANY TIME DURING CONSTRUCTION THE CONTRACTOR'S PROPOSED PLAN OF OPERATION FOR HANDLING TRAFFIC DOES NOT PROVIDE FOR SAFE AND COMFORTABLE MOVEMENT, THE CONTRACTOR WILL IMMEDIATELY CHANGE THEIR OPERATION TO CORRECT THE UNSATISFACTORY CONDITION.

3. DO NOT STORE ANY CONSTRUCTION MATERIAL OR EQUIPMENT AT ANY LOCATION THAT WILL CONSTITUTE A HAZARD AND WILL ENDANGER TRAFFIC.

4. THE CONTRACTOR WILL PROVIDE ADVANCE NOTIFICATION TO THE ENGINEER IMPENDING/UPCOMING LANE CLOSURES FOR ALL TEMPORARY AND/OR PERMANENT LANE, RAMP, CONNECTOR, FRONTAGE, SHOULDER, ETC. CLOSURES OR DETOURS. SEE GENERAL NOTES FOR NOTIFICATION REQUIREMENTS.

5. TEMPORARY DRAINAGE IS THE RESPONSIBILITY OF THE CONTRACTOR.

6. AT NO TIME SHALL TWO CONSECUTIVE INTERSECTING ROADWAYS BE CLOSED AT ONE TIME DURING CONSTRUCTION.

7. UNLESS OTHERWISE NOTED IN THE PLANS AND/OR AS DIRECTED BY THE ENGINEER, DAILY LANE CLOSURES SHALL BE LIMITED ACCORDING TO THE FOLLOWING RESTRICTIONS:

   NIGHTTIME: ONLY WITH WRITTEN APPROVAL OF THE COUNTY ENGINEER OR HIS DELEGATE (WITH UNIFORMED OFF DUTY LAW ENFORCEMENT OFFICERS).

   WEEKEND CLOSURES WHEN APPROVED BY THE COUNTY ENGINEER OR HIS DELEGATE.

   NO LANE CLOSURES WILL BE PERMITTED FOR THE FOLLOWING DATES:
   BETWEEN DECEMBER 15 AND JANUARY 1.
   WEDNESDAY BEFORE THANKSGIVING THRU THE SUNDAY AFTER THANKSGIVING.
   SATURDAY AND SUNDAY BEFORE MEMORIAL DAY AND LABOR DAY.
   SATURDAY OR SUNDAY WHEN JULY 4 FALLS ON A FRIDAY OR MONDAY.
   FRIDAY, SATURDAY AND SUNDAY OF EASTER WEEKEND.

8. REMOVAL AND DISPOSAL OF EXISTING ABANDONDED UTILITIES (EITHER PREVIOUSLY ABANDONDED OR ABANDONDED DURING THIS PROJECT) REQUIRED TO SUPPORT THIS PROJECT SHALL BE PERFORMED AND PAID FOR AS INDICATED ON THE PLANS.

9. COORDINATE WITH ADJACENT PROJECTS.

10. COVER PERMANENT SIGNS IF NOT USED. THIS IS SUBSIDARY TO ITEM 502.

11. EXCAVATION MORE THAN 12" IN DEPTH WITHIN 5 FEET OF AN EXISTING ENERGY POLE WILL REQUIRE POLE BRACING. CONTACT THE APPROPRIATE UTILITY PROVIDER TO REQUEST POLE BRACING. THE ESTIMATED DURATION FOR THE POLE BRACING PROCESS IS APPROXIMATELY 6 TO 8 WEEKS.

12. THE CONTRACTOR WILL PROVIDE, CONSTRUCT AND MAINTAIN BARRICADES AND SIGNS IN ACCORDANCE WITH STATE STANDARDS BC (1–12)–14. ANY SIGNS REQUIRED THAT ARE NOT DETAILED IN THE STANDARD SHEETS SHALL BE IN CONFORMANCE WITH THE "TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" AND THE "STANDARD HIGHWAY SIGN DESIGNS FOR TEXAS", LATEST VERSIONS.

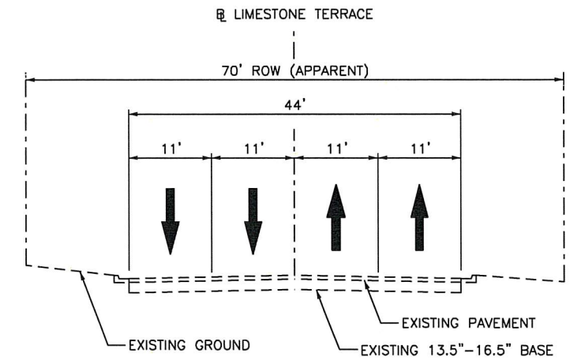
13. BARRICADES AND WARNING SIGNS SHALL BE PLACED AS INDICATED ON THE PLANS. THIS SHALL BE CONSIDERED THE MINIMUM REQUIRED TO PROVIDE FOR THE SAFETY OF TRAFFIC DURING CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN OTHER SUCH BARRICADES AND SIGNS DEEMED NECESSARY BY THE ENGINEER OR AS DIRECTED BY FIELD CONDITIONS TO PROVIDE FOR THE PASSAGE OF TRAFFIC IN SAFETY AT ALL TIMES.

14. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN FLAGGERS AS DIRECTED/APPROVED BY THE ENGINEER, AT SUCH POINTS, AND FOR SUCH PERIODS OF TIME AS MAY BE REQUIRED, TO PROVIDE FOR THE SAFETY OF THE TRAVELING PUBLIC AND THE CONTRACTORS PERSONNEL.

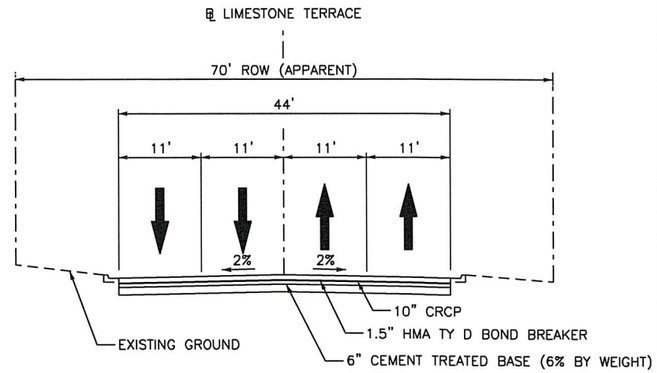
15. THE CONTRACTOR SHALL KEEP THE ROADWAY CLEAN AND FREE OF DIRT OR OTHER MATERIALS DURING HAULING OPERATIONS. IF THE CONTRACTOR DOES NOT MAINTAIN A CLEAN ROADWAY, THEY SHALL CEASE ALL CONSTRUCTION OPERATIONS, WHEN DIRECTED BY THE ENGINEER, TO CLEAN THE ROADWAY TO THE SATISFACTION OF THE ENGINEER.

16. UPON COMPLETION OF THE WORK AND BEFORE FINAL ACCEPTANCE AND FINAL PAYMENT IS MADE, THE CONTRACTOR SHALL CLEAR AND REMOVE FROM THE SITE ALL SURPLUS AND DISCARDED MATERIALS AND DEBRIS OF EVERY KIND AND LEAVE THE ENTIRE PROJECT IN A SMOOTH, NEAT AND SIGHTLY CONDITION.

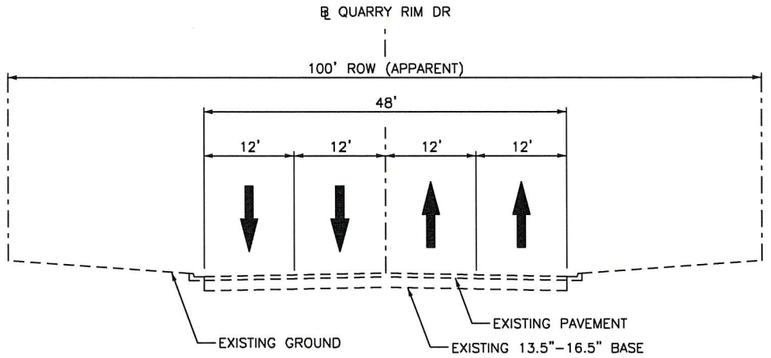
17. ALL BARRICADES, SIGNS, AND FLAGGERS SHALL BE SUBSIDIARY TO ITEM 502 BARRICADES, SIGNS AND TRAFFIC HANDLING. ALL EROSION AND SEDIMENT CONTROL DEVICES WILL BE PAID FOR UNDER ITEM 506 TEMPORARY EROSION, SEDIMENTATION, AND ENVIRONMENTAL CONTROLS. ALL WORK ZONE PAVEMENT MARKINGS WILL BE PAID FOR UNDER ITEM 662 WORK ZONE PAVEMENT MARKINGS. ALL OTHER WORK AND MATERIALS SHALL BE SUBSIDIARY TO THE VARIOUS BID ITEMS UNLESS OTHERWISE INDICATED IN THE PLANS.



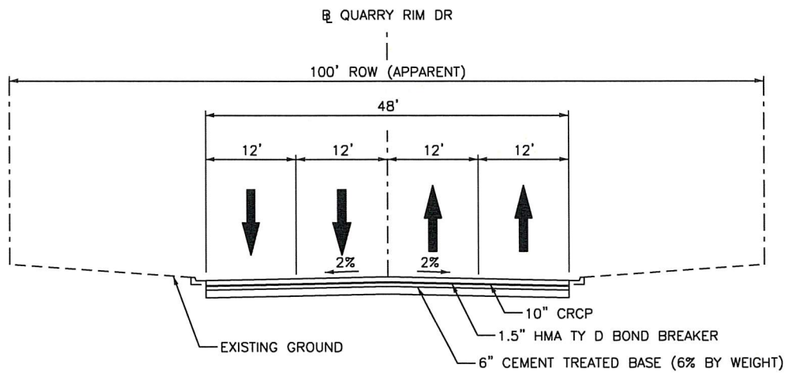
EXISTING LIMESTONE TERRACE
TYPICAL SECTION



PROPOSED LIMESTONE TERRACE
TYPICAL SECTION



EXISTING QUARRY RIM DR
TYPICAL SECTION



PROPOSED QUARRY RIM DR
TYPICAL SECTION

STATE OF TEXAS
TYLER P. DUBE
118612
LICENSED PROFESSIONAL ENGINEER

TYLER P. DUBE, P.E. — 3/18/2019 DATE

STATE OF TEXAS
GILMER D. GASTON
80472
LICENSED PROFESSIONAL ENGINEER

GILMER D. GASTON P.E. — 3/18/2019 DATE

NO.	REVISION	BY	DATE

PAPE-DAWSON ENGINEERS
SAN ANTONIO | AUSTIN | HOUSTON | FORT WORTH | DALLAS
2000 NW LOOP 410 | SAN ANTONIO, TX 78213 | 210.375.9000
TBPE FIRM REGISTRATION #470 | TBPLS FIRM REGISTRATION #10028800

WILLIAMSON COUNTY
1848

WILLIAMSON COUNTY DEPT. OF INFRASTRUCTURE

CONSTRUCTION NOTES AND TYPICAL SECTIONS

Designed:	BE
Checked:	TPD
Drawn:	BE
Checked:	TPD

3151 S.E. INNER LOOP
GEORGETOWN, TEXAS 78626
512-943-3330
www.wilco.org

SHEET NO. 5

\\pape-dawson\pd\H\projects\510\16\02\Design\Civil\General\5101602TYP01_Limestone.dgn 3/18/2019 2:34:15 PM

LIMESTONE TERRACE ALIGNMENT

Beginning chain LIMESTONE_RDCL description
Feature: Road_Centerline

Point 133	N	10,270,463.7970	E	3,151,724.7132	Sta 100+00.00
Course from 133 to 134	N	20° 26' 31.16"	E	Dist 1,189.1393	
Point 134	N	10,271,578.0518	E	3,152,140.0306	Sta 111+89.14

Ending chain LIMESTONE_RDCL description

QUARRY RIM RD ALIGNMENT

Beginning chain QUARRY_RDCL1 description
Feature: Road_Centerline

Point 136	N	10,271,665.0052	E	3,151,415.6936	Sta 10+00.00
Course from 136 to 137	S	69° 43' 01.80"	E	Dist 831.5593	
Point 137	N	10,271,376.7413	E	3,152,195.6903	Sta 18+31.56

Ending chain QUARRY_RDCL1 description

STATE OF TEXAS
TYLER P. DUBE
118612
LICENSED PROFESSIONAL ENGINEER

TYLER P. DUBE, P.E. — 3/18/2019 DATE

STATE OF TEXAS
GILMER D. GASTON
80472
LICENSED PROFESSIONAL ENGINEER

GILMER D. GASTON P.E. — 3/18/2019 DATE

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2000 NW LOOP 410 | SAN ANTONIO, TX 78213 | 210.375.9000
TBPE FIRM REGISTRATION #470 | TBPLS FIRM REGISTRATION #10028800

WILLIAMSON COUNTY
1848

WILLIAMSON COUNTY DEPT. OF INFRASTRUCTURE

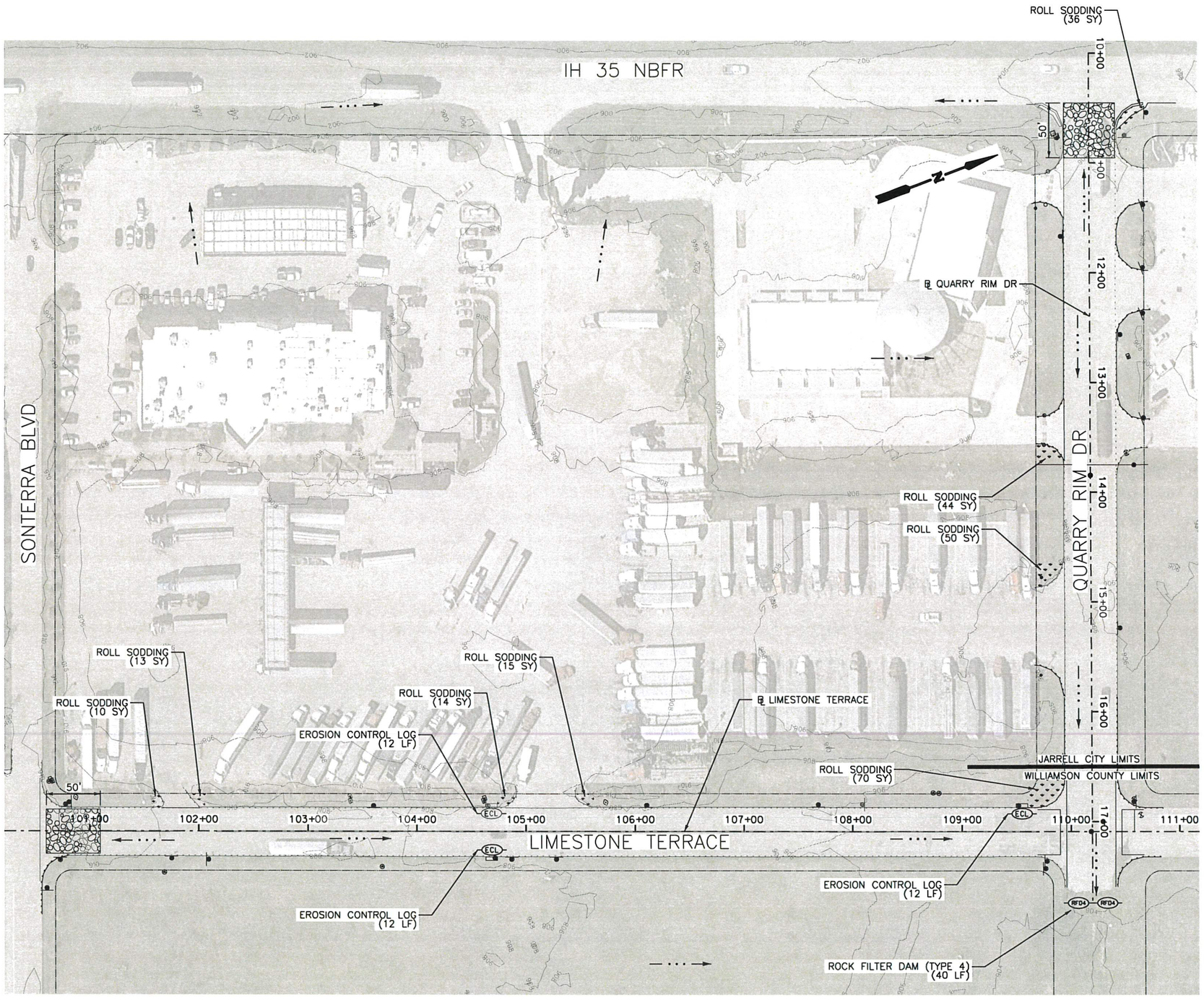
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3151 S.E. INNER LOOP
GEORGETOWN, TEXAS 78626
512-943-3330
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SHEET NO. 6

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LIMESTONE TERRACE

ITEM	DESCRIPTION	UNIT	QTY
0160-6003	FURNISHING AND PLACING TOPSOIL (4")	SY	122
0162-6008	ROLL SODDING	SY	122
0168-6001	VEGETATIVE WATERING	MG	4.54
0506-6004	ROCK FILTER DAMS (INSTALL) (TY 4)	LF	40
0506-6011	ROCK FILTER DAMS (REMOVE)	LF	40
0506-6020	CONSTRUCTION EXITS (INSTALL) (TY 1)	SY	245
0506-6024	CONSTRUCTION EXITS (REMOVE)	SY	245
0506-6041	BIODEG EROSN CONT LOGS (INSTL) (12")	LF	36
0506-6043	BIODEG EROSN CONT LOGS (REMOVE)	LF	36

QUARRY RIM DR (JARRELL CITY LIMITS)

ITEM	DESCRIPTION	UNIT	QTY
0160-6003	FURNISHING AND PLACING TOPSOIL (4")	SY	130
0162-6008	ROLL SODDING	SY	130
0168-6001	VEGETATIVE WATERING	MG	4.84
0506-6020	CONSTRUCTION EXITS (INSTALL) (TY 1)	SY	267
0506-6024	CONSTRUCTION EXITS (REMOVE)	SY	267

50 25 0 50 100
SCALE FEET

LEGEND

- ECL — EROSION CONTROL LOG
- RFD4 — ROCK FILTER DAM (TY 4)
- CONSTRUCTION EXIT
- ROLL SODDING
- FLOW ARROW
- EXISTING CONTOUR

STATE OF TEXAS — TYLER P. DUBE — 118612 — LICENSED PROFESSIONAL ENGINEER
TYLER P. DUBE, P.E. — 3/19/2019 DATE

STATE OF TEXAS — GILMER D. GASTON — 80472 — LICENSED PROFESSIONAL ENGINEER
GILMER D. GASTON P.E. — 3/19/2019 DATE

NO.	REVISION	BY	DATE

PAPE-DAWSON ENGINEERS
SAN ANTONIO | AUSTIN | HOUSTON | FORT WORTH | DALLAS
2000 NW LOOP 410 | SAN ANTONIO, TX 78213 | 210.375.9000
TBPE FIRM REGISTRATION #470 | TBPLS FIRM REGISTRATION #10028800

WILLIAMSON COUNTY 1848
WILLIAMSON COUNTY DEPT. OF INFRASTRUCTURE

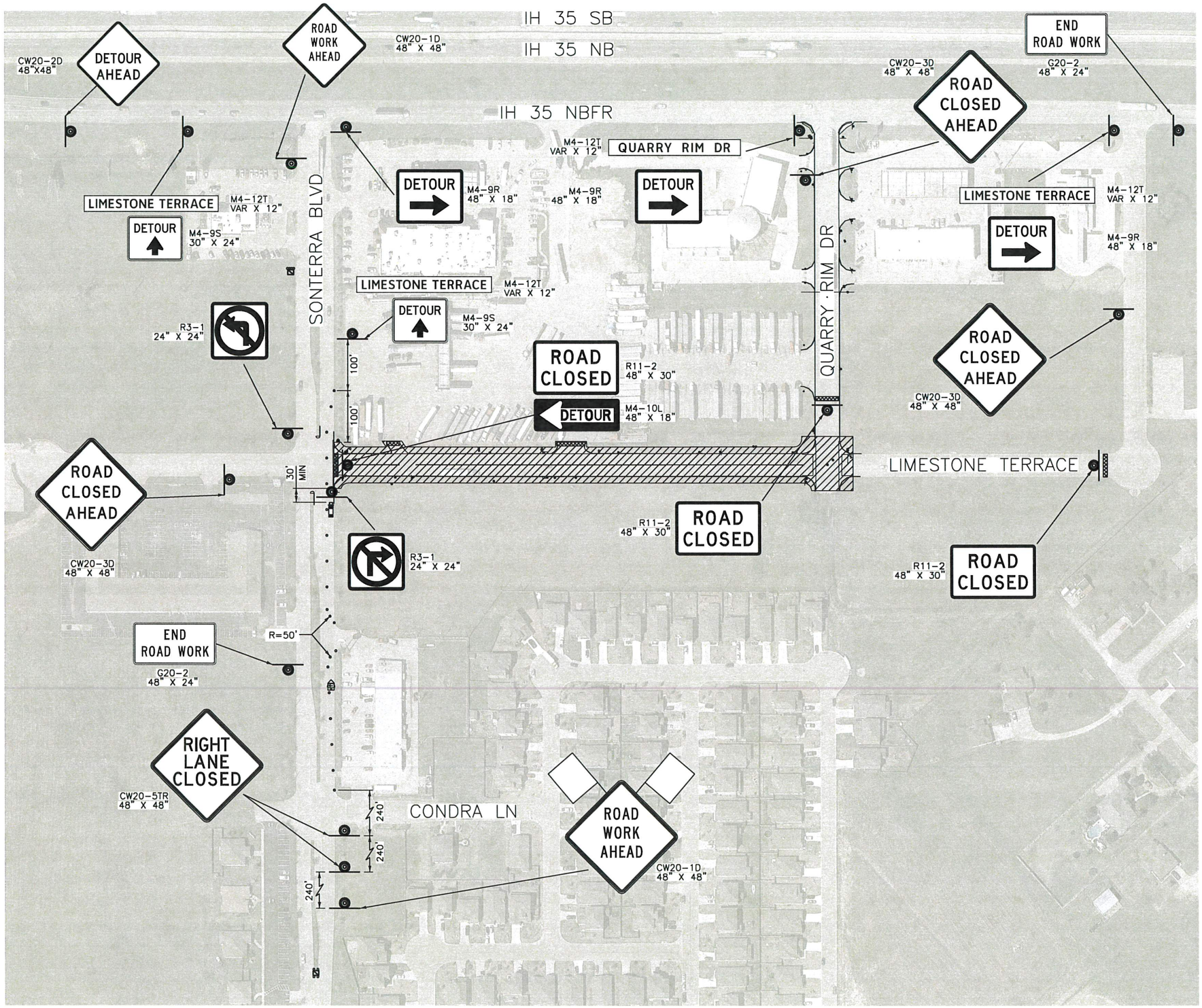
EROSION CONTROL PLAN

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SHEET NO. 7

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100 50 0 100 200
SCALE FEET

LEGEND

- TCP SIGN
- TYPE 3 BARRICADE
- WORK AREA
- TRAILER MOUNTED FLASHING ARROW BOARD
- HEAVY WORK VEHICLE WITH TRUCK MOUNTED ATTENUATOR
- PORTABLE CHANGEABLE MESSAGE SIGN
- CHANNELIZING DEVICES

STATE OF TEXAS
TYLER P. DUBE
118612
LICENSED PROFESSIONAL ENGINEER

TYLER P. DUBE, P.E. 3/19/2019 DATE

STATE OF TEXAS
GILMER D. GASTON
80472
LICENSED PROFESSIONAL ENGINEER

GILMER D. GASTON P.E. 3/19/2019 DATE

NO.	REVISION	BY	DATE

PAPE-DAWSON ENGINEERS
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TBPE FIRM REGISTRATION #470 | TBPLS FIRM REGISTRATION #10028800

WILLIAMSON COUNTY 1848

WILLIAMSON COUNTY DEPT. OF INFRASTRUCTURE

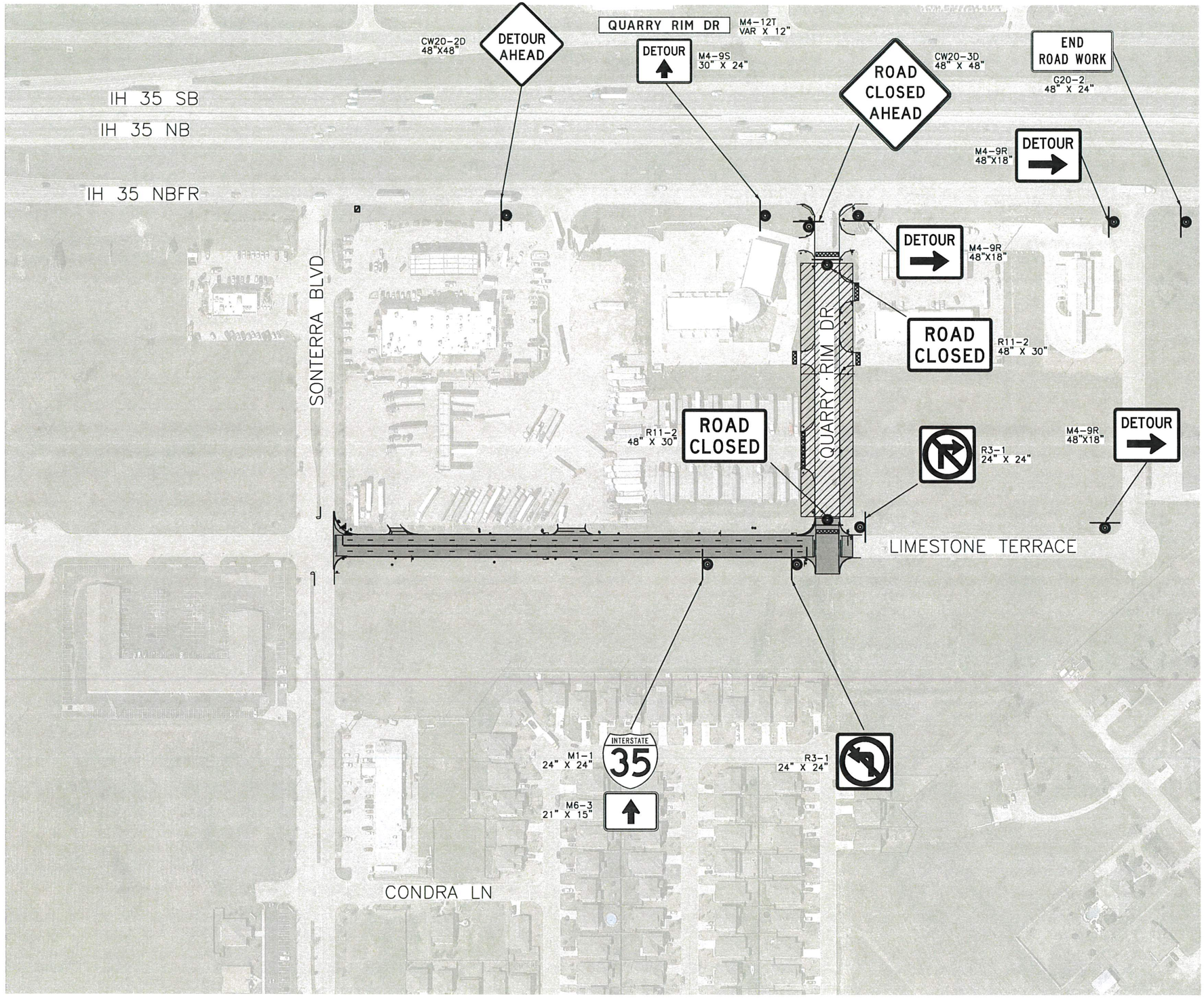
TRAFFIC CONTROL PLAN PHASE I

Designed:	BE
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SHEET NO. 8

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SCALE FEET

LEGEND

- TCP SIGN
- TYPE 3 BARRICADE
- WORK AREA
- TRAILER MOUNTED FLASHING ARROW BOARD
- HEAVY WORK VEHICLE WITH TRUCK MOUNTED ATTENUATOR
- PORTABLE CHANGEABLE MESSAGE SIGN
- CHANNELIZING DEVICES

STATE OF TEXAS
TYLER P. DUBE
118612
LICENSED PROFESSIONAL ENGINEER
TYLER P. DUBE, P.E. 3/18/2019 DATE

STATE OF TEXAS
GILMER D. GASTON
80472
LICENSED PROFESSIONAL ENGINEER
GILMER D. GASTON P.E. 3/18/2019 DATE

NO.	REVISION	BY	DATE

PAPE-DAWSON ENGINEERS
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TBPE FIRM REGISTRATION #470 | TBPLS FIRM REGISTRATION #10028800

WILLIAMSON COUNTY 1848
WILLIAMSON COUNTY DEPT. OF INFRASTRUCTURE

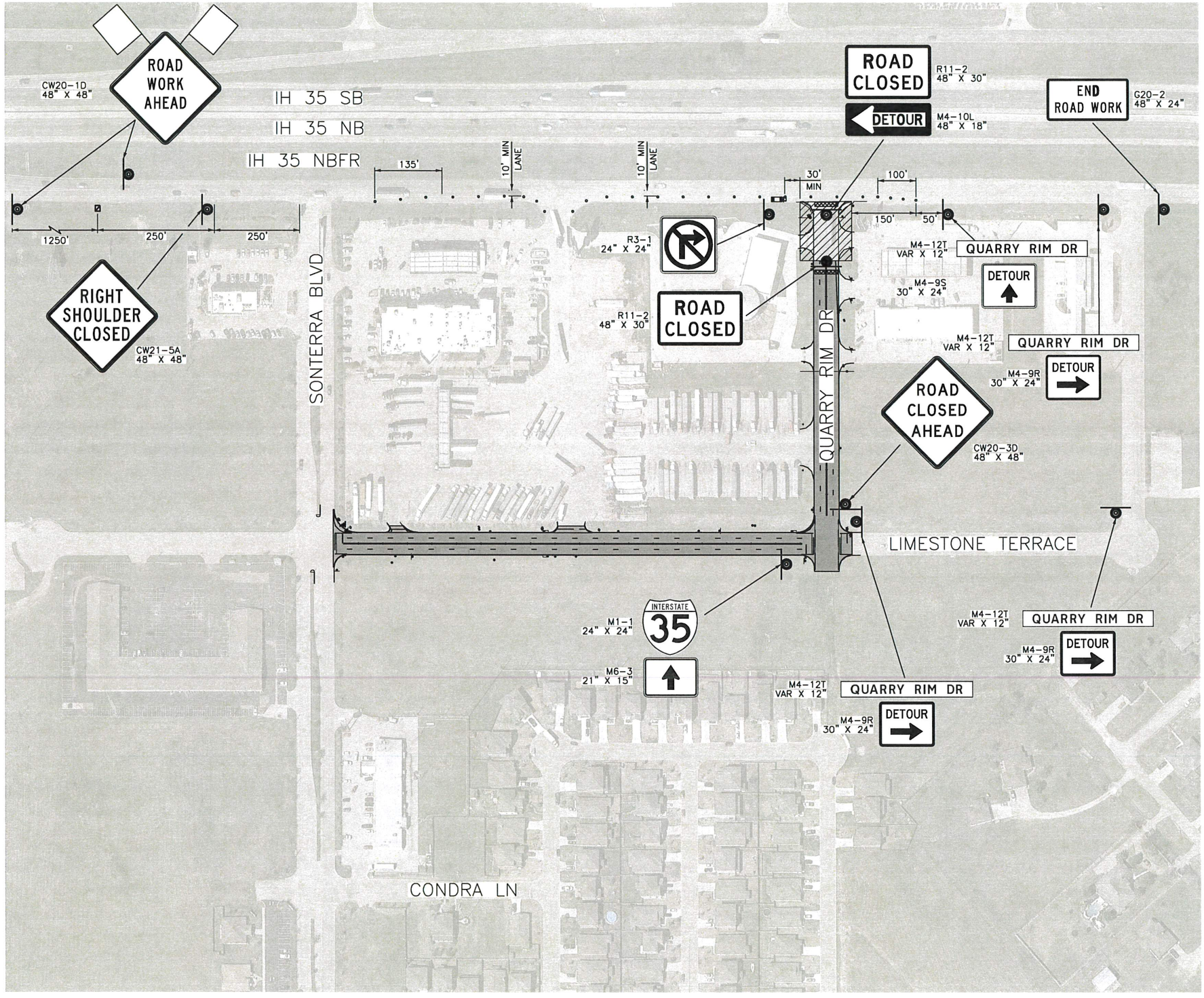
TRAFFIC CONTROL PLAN PHASE II

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Drawn:	BE
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3151 S.E. INNER LOOP
GEORGETOWN, TEXAS 78626
512-943-3330
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SHEET NO. 9

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SCALE FEET

LEGEND

- TCP SIGN
- TYPE 3 BARRICADE
- WORK AREA
- TRAILER MOUNTED FLASHING ARROW BOARD
- HEAVY WORK VEHICLE WITH TRUCK MOUNTED ATTENUATOR
- PORTABLE CHANGEABLE MESSAGE SIGN
- CHANNELIZING DEVICES

STATE OF TEXAS
TYLER P. DUBE
118612
LICENSED PROFESSIONAL ENGINEER

TYLER P. DUBE, P.E. 3/19/2019 DATE

STATE OF TEXAS
GILMER D. GASTON
80472
LICENSED PROFESSIONAL ENGINEER

GILMER D. GASTON P.E. 3/19/2019 DATE

NO.	REVISION	BY	DATE

PAPE-DAWSON ENGINEERS
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TBPE FIRM REGISTRATION #470 | TBPLS FIRM REGISTRATION #10028800

WILLIAMSON COUNTY 1848

WILLIAMSON COUNTY DEPT. OF INFRASTRUCTURE

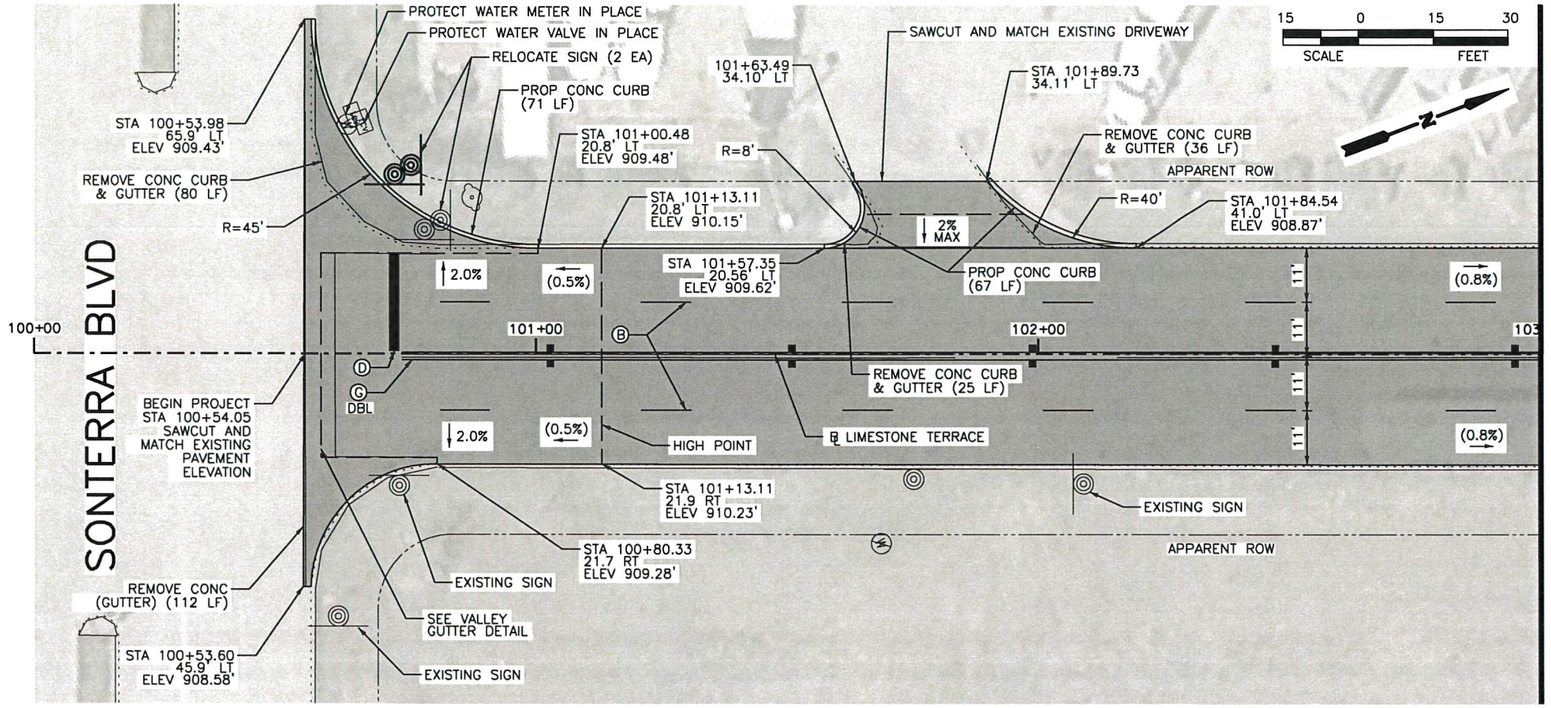
TRAFFIC CONTROL PLAN PHASE III

Designed:	BE
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3151 S.E. INNER LOOP
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512-943-3330
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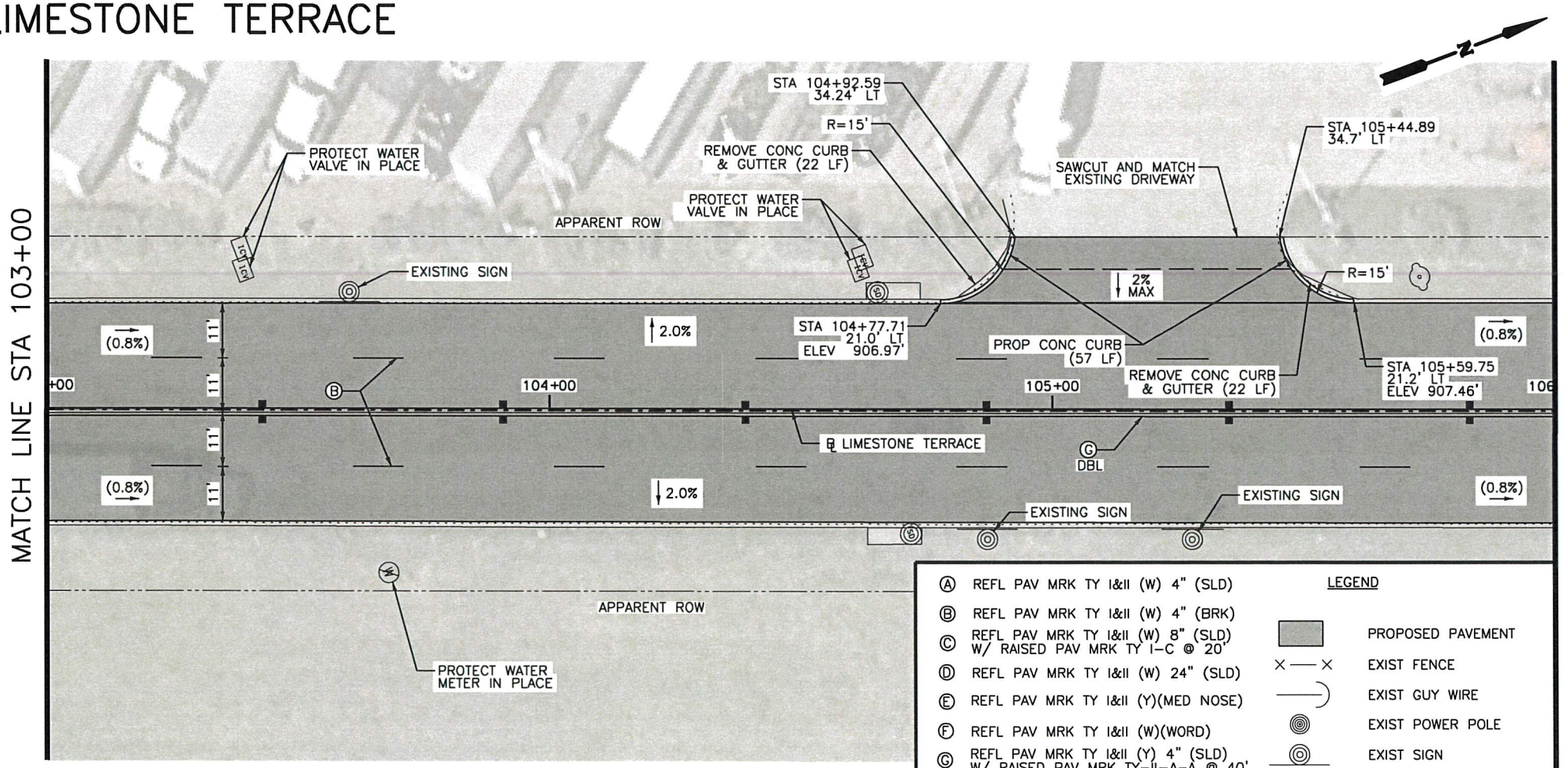
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ITEM	DESCRIPTION	UNIT	QTY
0104-6017	REMOVING CONC (DRIVEWAYS)	SY	140
0104-6022	REMOVING CONC (CURB AND GUTTER)	LF	185
0104-6026	REMOVE CONC (GUTTER)	LF	112
0105-6108	RMV STAB BASE & ASPH PV (17")	SY	2590
0247-6041	FL BS (CMP IN PLC)(TYA GR1&2)(FNAL POS)	CY	478.0
0275-6001	CEMENT	TON	54.2
0275-6003	CEMENT TREAT (NEW BASE) (6")	SY	2869
0310-6001	PRIME COAT (MULTI OPTION)	GAL	573.80
0340-6106	D-GR HMA(SQ) TY-D PG64-22	TON	247.5
0360-6004	CONC PVMT (CONT REINF - CRCP) (10")	SY	2869
0529-6002	CONC CURB (TY II)	LF	195
0644-6068	RELOCATE SM RD SN SUP&AM TY 10BWG	EA	2
0666-6048	REFL PAV MRK TY I (W)24"(SLD)(100MIL)	LF	20
0666-6167	REFL PAV MRK TY II (W) 4" (BRK)	LF	260
0666-6182	REFL PAV MRK TY II (W) 24" (SLD)	LF	20
0666-6207	REFL PAV MRK TY II (Y) 4" (SLD)	LF	1060
0666-6300	RE PM W/RET REQ TY I (W)4"(BRK)(100MIL)	LF	260
0666-6315	RE PM W/RET REQ TY I (Y)4"(SLD)(100MIL)	LF	1060
0672-6009	REFL PAV MRKR TY II-A-A	EA	22

NOTES:
1. THE "ONE CALL" SYSTEM WILL BE USED TO LOCATE EXISTING UNDERGROUND UTILITIES.
2. ALL UTILITIES SHOWN ARE BY APPROXIMATE LOCATION ONLY AND ARE TO BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO BEGINNING CONSTRUCTION.
3. CONTRACTOR SHALL REPAIR / RECONNECT EXISTING UTILITIES DISCONNECTED OR DAMAGED DURING CONSTRUCTION.
4. CONTRACTOR SHALL RETURN THE GROUND AREA DISTURBED BY CONSTRUCTION ACTIVITY TO EQUAL OR BETTER CONDITION IN SUCH A MANNER AS NOT TO CHANGE THE ROUTE OF STORM WATER FLOW.
5. EXISTING SIGNS TO REMAIN UNLESS OTHERWISE SHOWN.

LIMESTONE TERRACE



Ⓐ	REFL PAV MRK TY I&II (W) 4" (SLD)
Ⓑ	REFL PAV MRK TY I&II (W) 4" (BRK)
Ⓒ	REFL PAV MRK TY I&II (W) 8" (SLD) W/ RAISED PAV MRK TY I-C @ 20'
Ⓓ	REFL PAV MRK TY I&II (W) 24" (SLD)
Ⓔ	REFL PAV MRK TY I&II (Y)(MED NOSE)
Ⓕ	REFL PAV MRK TY I&II (W)(WORD)
Ⓖ	REFL PAV MRK TY I&II (Y) 4" (SLD) W/ RAISED PAV MRK TY-II-A-A @ 40'
Ⓗ	REFL PAV MRK TY I&II (Y) 12" (SLD)

LEGEND
- PROPOSED PAVEMENT
- EXIST FENCE
- EXIST GUY WIRE
- EXIST POWER POLE
- EXIST SIGN
- PROP SIGN

STATE OF TEXAS — TYLER P. DUBE — 118612 — LICENSED PROFESSIONAL ENGINEER
TYLER P. DUBE, P.E. — 3/18/2019 DATE

STATE OF TEXAS — GILMER D. GASTON — 80472 — LICENSED PROFESSIONAL ENGINEER
GILMER D. GASTON P.E. — 3/18/2019 DATE

NO.	REVISION	BY	DATE

PAPE-DAWSON ENGINEERS
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2000 NW LOOP 410 | SAN ANTONIO, TX 78213 | 210.375.9000
TBPE FIRM REGISTRATION #470 | TBPLS FIRM REGISTRATION #10028800

WILLIAMSON COUNTY 1848
WILLIAMSON COUNTY DEPT. OF INFRASTRUCTURE

LIMESTONE TERRACE PLANS

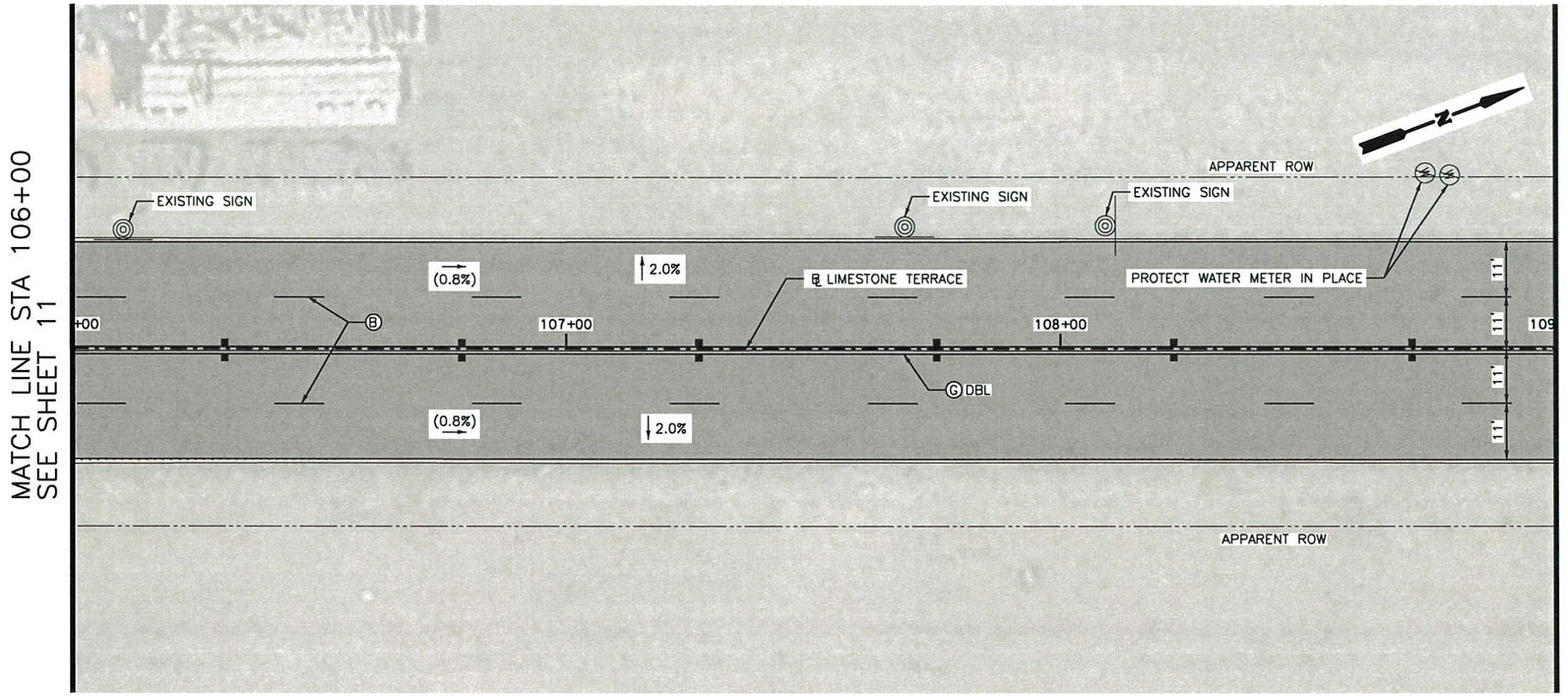
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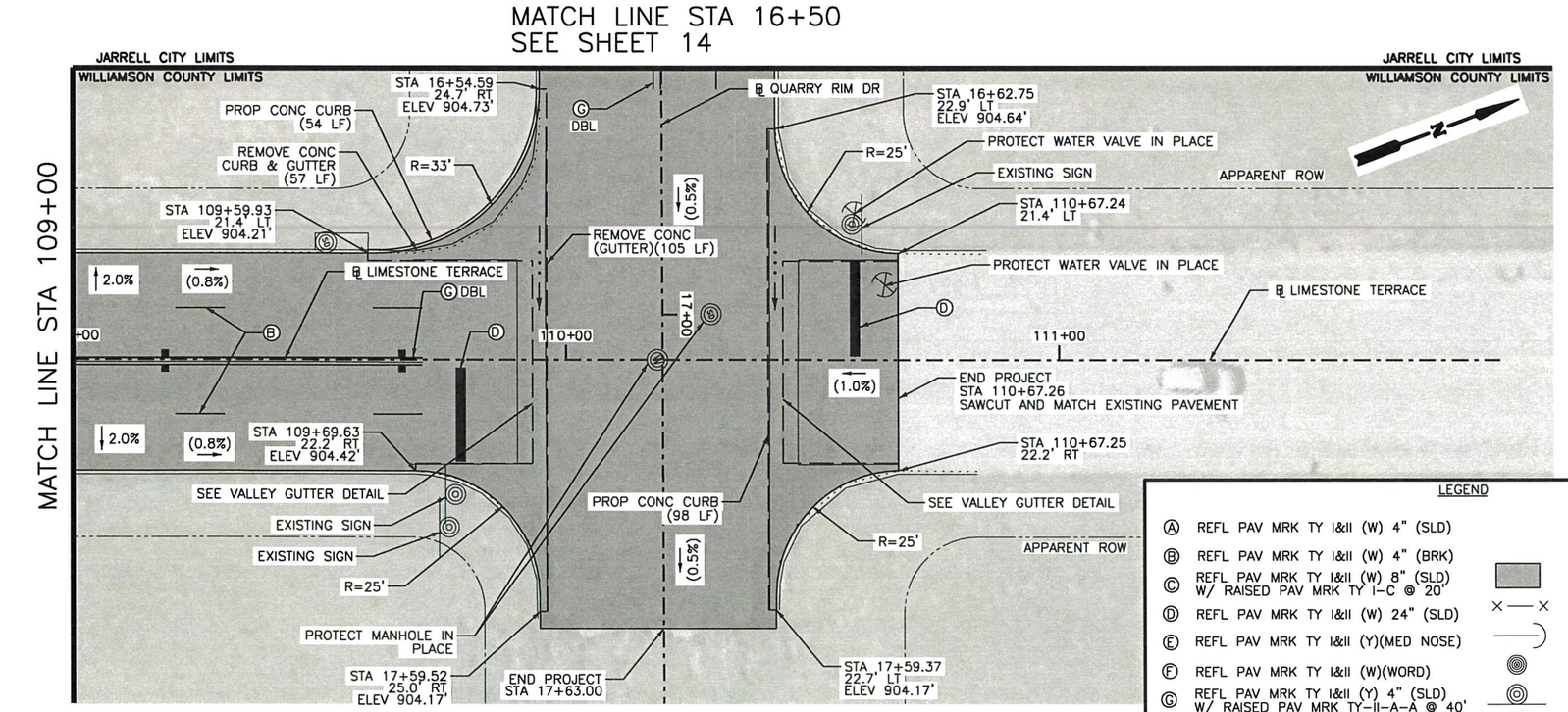
SHEET NO. 11

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ITEM	DESCRIPTION	UNIT	QTY
0104-6022	REMOVING CONC (CURB AND GUTTER)	LF	57
0104-6026	REMOVE CONC (GUTTER)	LF	203
0105-6108	RMV STAB BASE & ASPH PV (17")	SY	2617
0247-6041	FL BS (CMP IN PLC)(TYA GR1&2)(FNAL POS)	CY	450.0
0275-6001	CEMENT	TON	51.0
0275-6003	CEMENT TREAT (NEW BASE) (6")	SY	2700
0310-6001	PRIME COAT (MULTI OPTION)	GAL	540.00
0340-6106	D-GR HMA(SQ) TY-D PG64-22	TON	232.9
0360-6004	CONC PVMT (CONT REINF - CRCP) (10")	SY	2700
0529-6002	CONC CURB (TY II)	LF	54
0666-6048	REFL PAV MRK TY I (W)24"(SLD)(100MIL)	LF	40
0666-6167	REFL PAV MRK TY II (W) 4" (BRK)	LF	186
0666-6182	REFL PAV MRK TY II (W) 24" (SLD)	LF	40
0666-6207	REFL PAV MRK TY II (Y) 4" (SLD)	LF	750
0666-6300	RE PM W/RET REQ TY I (W)4"(BRK)(100MIL)	LF	186
0666-6315	RE PM W/RET REQ TY I (Y)4"(SLD)(100MIL)	LF	750
0672-6009	REFL PAV MRKR TY II-A-A	EA	18



LIMESTONE TERRACE





NOTES:
1. THE "ONE CALL" SYSTEM WILL BE USED TO LOCATE EXISTING UNDERGROUND UTILITIES.
2. ALL UTILITIES SHOWN ARE BY APPROXIMATE LOCATION ONLY AND ARE TO BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO BEGINNING CONSTRUCTION.
3. CONTRACTOR SHALL REPAIR / RECONNECT EXISTING UTILITIES DISCONNECTED OR DAMAGED DURING CONSTRUCTION.
4. CONTRACTOR SHALL RETURN THE GROUND AREA DISTURBED BY CONSTRUCTION ACTIVITY TO EQUAL OR BETTER CONDITION IN SUCH A MANNER AS NOT TO CHANGE THE ROUTE OF STORM WATER FLOW.
5. EXISTING SIGNS TO REMAIN UNLESS OTHERWISE SHOWN.

LEGEND

- Ⓐ REFL PAV MRK TY I&II (W) 4" (SLD)
- Ⓑ REFL PAV MRK TY I&II (W) 4" (BRK)
- Ⓒ REFL PAV MRK TY I&II (W) 8" (SLD) W/ RAISED PAV MRK TY I-C @ 20'
- Ⓓ REFL PAV MRK TY I&II (W) 24" (SLD)
- Ⓔ REFL PAV MRK TY I&II (Y)(MED NOSE)
- Ⓕ REFL PAV MRK TY I&II (W)(WORD)
- Ⓖ REFL PAV MRK TY I&II (Y) 4" (SLD) W/ RAISED PAV MRK TY-II-A-A @ 40'
- Ⓗ REFL PAV MRK TY I&II (Y) 12" (SLD)

PROPOSED PAVEMENT
EXIST FENCE
EXIST GUY WIRE
EXIST POWER POLE
EXIST SIGN
PROP SIGN

STATE OF TEXAS — TYLER P. DUBE — 118612 — LICENSED PROFESSIONAL ENGINEER
TYLER P. DUBE, P.E. — 3/18/2019 DATE

STATE OF TEXAS — GILMER D. GASTON — 80472 — LICENSED PROFESSIONAL ENGINEER
GILMER D. GASTON P.E. — 3/18/2019 DATE

NO.	REVISION	BY	DATE

PAPE-DAWSON ENGINEERS
SAN ANTONIO | AUSTIN | HOUSTON | FORT WORTH | DALLAS
2000 NW LOOP 410 | SAN ANTONIO, TX 78213 | 210.375.9000
TBPE FIRM REGISTRATION #470 | TBPLS FIRM REGISTRATION #10028800

WILLIAMSON COUNTY
1848
WILLIAMSON COUNTY DEPT. OF INFRASTRUCTURE

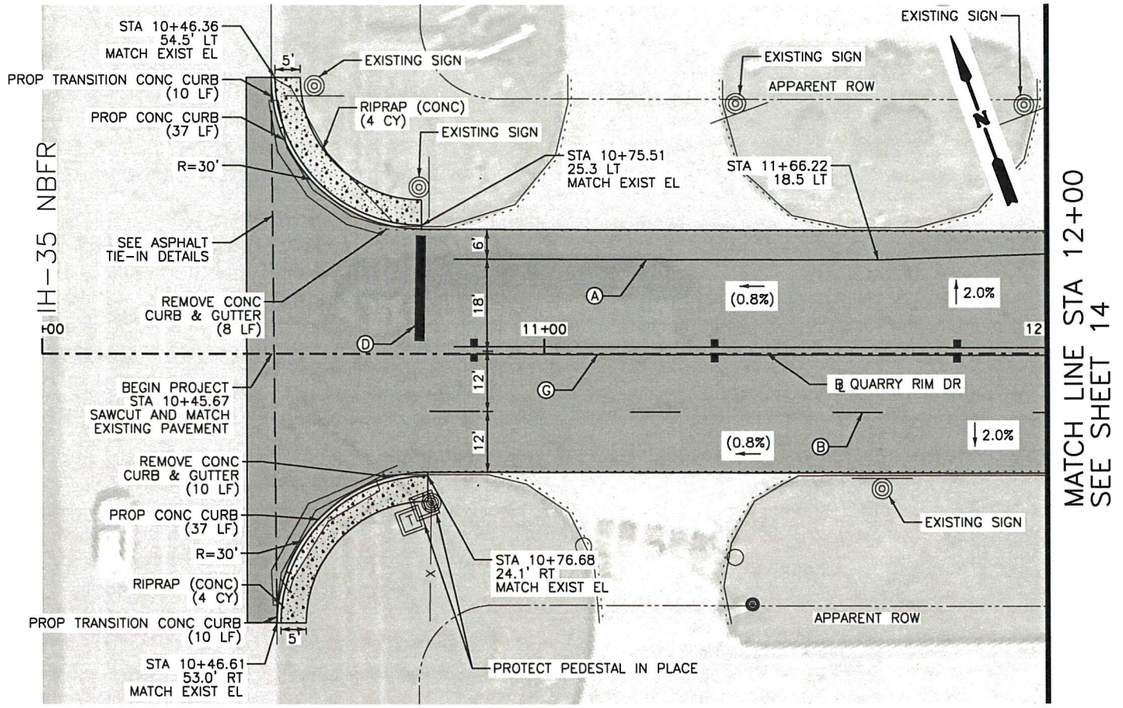
LIMESTONE TERRACE PLANS

Designed:	BE
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3151 S.E. INNER LOOP
GEORGETOWN, TEXAS 78626
512-943-3330
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SHEET NO. 12

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QUARRY RIM DR

ITEM	DESCRIPTION	UNIT	QTY
0104-6022	REMOVING CONC (CURB AND GUTTER)	LF	18
0105-6108	RMV STAB BASE & ASPH PV (17")	SY	926
0247-6041	FL BS (CMP IN PLC)(TYA GR1&2)(FNAL POS)	CY	154.0
0275-6001	CEMENT	TON	17.5
0275-6003	CEMENT TREAT (NEW BASE) (6")	SY	926
0310-6001	PRIME COAT (MULTI OPTION)	GAL	185.20
0340-6106	D-GR HMA(SQ) TY-D PG64-22	TON	79.9
0360-6004	CONC PVMT (CONT REINF - CRCP) (10")	SY	926
0432-6003	RIPRAP (CONC)(6 IN)	CY	8.0
0529-6002	CONC CURB (TY II)	LF	94
0666-6048	REFL PAV MRK TY I (W)24"(SLD)(100MIL)	LF	21
0666-6167	REFL PAV MRK TY II (W) 4" (BRK)	LF	30
0666-6170	REFL PAV MRK TY II (W) 4" (SLD)	LF	120
0666-6182	REFL PAV MRK TY II (W) 24" (SLD)	LF	21
0666-6207	REFL PAV MRK TY II (Y) 4" (SLD)	LF	240
0666-6300	RE PM W/RET REQ TY I (W)4"(BRK)(100MIL)	LF	30
0666-6303	RE PM W/RET REQ TY I (W)4"(SLD)(100MIL)	LF	120
0666-6315	RE PM W/RET REQ TY I (Y)4"(SLD)(100MIL)	LF	240
0672-6009	REFL PAV MRKR TY II-A-A	EA	6

15 0 15 30
SCALE FEET

NOTES:
1. THE "ONE CALL" SYSTEM WILL BE USED TO LOCATE EXISTING UNDERGROUND UTILITIES.
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4. CONTRACTOR SHALL RETURN THE GROUND AREA DISTURBED BY CONSTRUCTION ACTIVITY TO EQUAL OR BETTER CONDITION IN SUCH A MANNER AS NOT TO CHANGE THE ROUTE OF STORM WATER FLOW.
5. EXISTING SIGNS TO REMAIN UNLESS OTHERWISE SHOWN.

STATE OF TEXAS
TYLER P. DUBE
118612
LICENSED PROFESSIONAL ENGINEER

TYLER P. DUBE, P.E. — 3/18/2019 DATE

STATE OF TEXAS
GILMER D. GASTON
80472
LICENSED PROFESSIONAL ENGINEER

GILMER D. GASTON P.E. — 3/18/2019 DATE

NO.	REVISION	BY	DATE

PAPE-DAWSON ENGINEERS
SAN ANTONIO | AUSTIN | HOUSTON | FORT WORTH | DALLAS
2000 NW LOOP 410 | SAN ANTONIO, TX 78213 | 210.375.9000
TBPE FIRM REGISTRATION #470 | TBPLS FIRM REGISTRATION #10028800

LEGEND

Ⓐ REFL PAV MRK TY I&II (W) 4" (SLD)
Ⓑ REFL PAV MRK TY I&II (W) 4" (BRK)
Ⓒ REFL PAV MRK TY I&II (W) 8" (SLD) W/ RAISED PAV MRK TY I-C @ 20'
Ⓓ REFL PAV MRK TY I&II (W) 24" (SLD)
Ⓔ REFL PAV MRK TY I&II (Y)(MED NOSE)
Ⓕ REFL PAV MRK TY I&II (W)(WORD)
Ⓖ REFL PAV MRK TY I&II (Y) 4" (SLD) W/ RAISED PAV MRK TY-II-A-A @ 40'
Ⓗ REFL PAV MRK TY I&II (Y) 12" (SLD)

PROPOSED PAVEMENT
EXIST FENCE
EXIST GUY WIRE
EXIST POWER POLE
EXIST SIGN
PROP SIGN

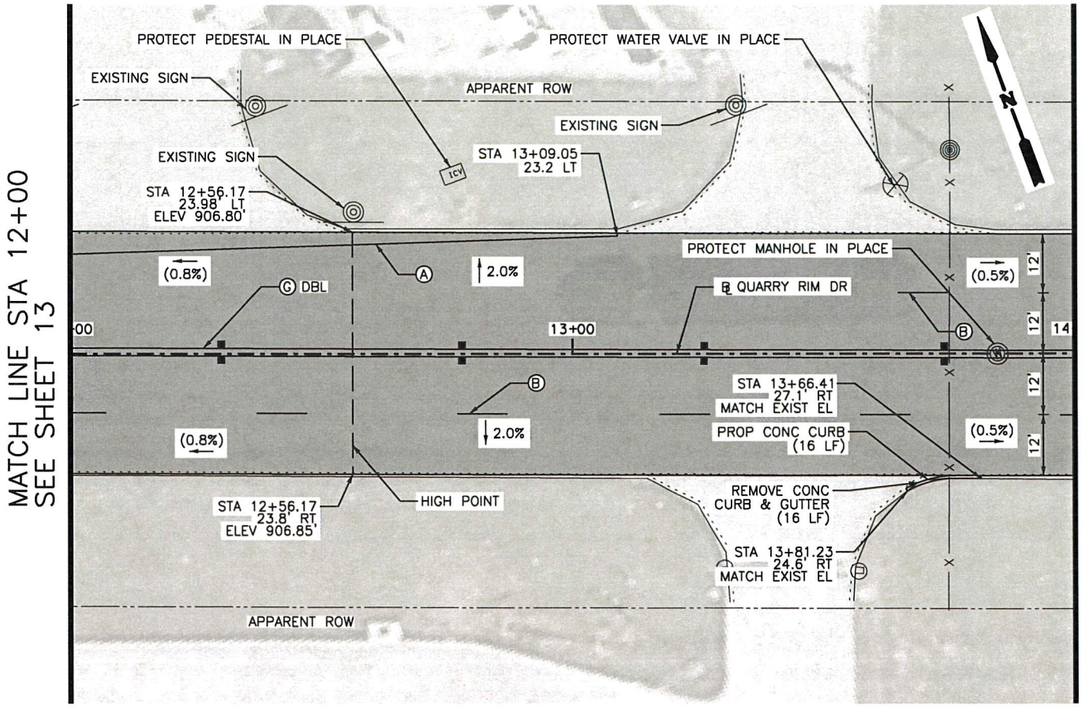
WILLIAMSON COUNTY
1848
WILLIAMSON COUNTY DEPT. OF INFRASTRUCTURE

QUARRY RIM DR PLANS

Designed:	BE	3151 S.E. INNER LOOP GEORGETOWN, TEXAS 78626 512-943-3330 www.wilco.org	SHEET NO. 13
Checked:	TPD		
Drawn:	BE		
Checked:	TPD		

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QUARRY RIM DR



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SCALE FEET

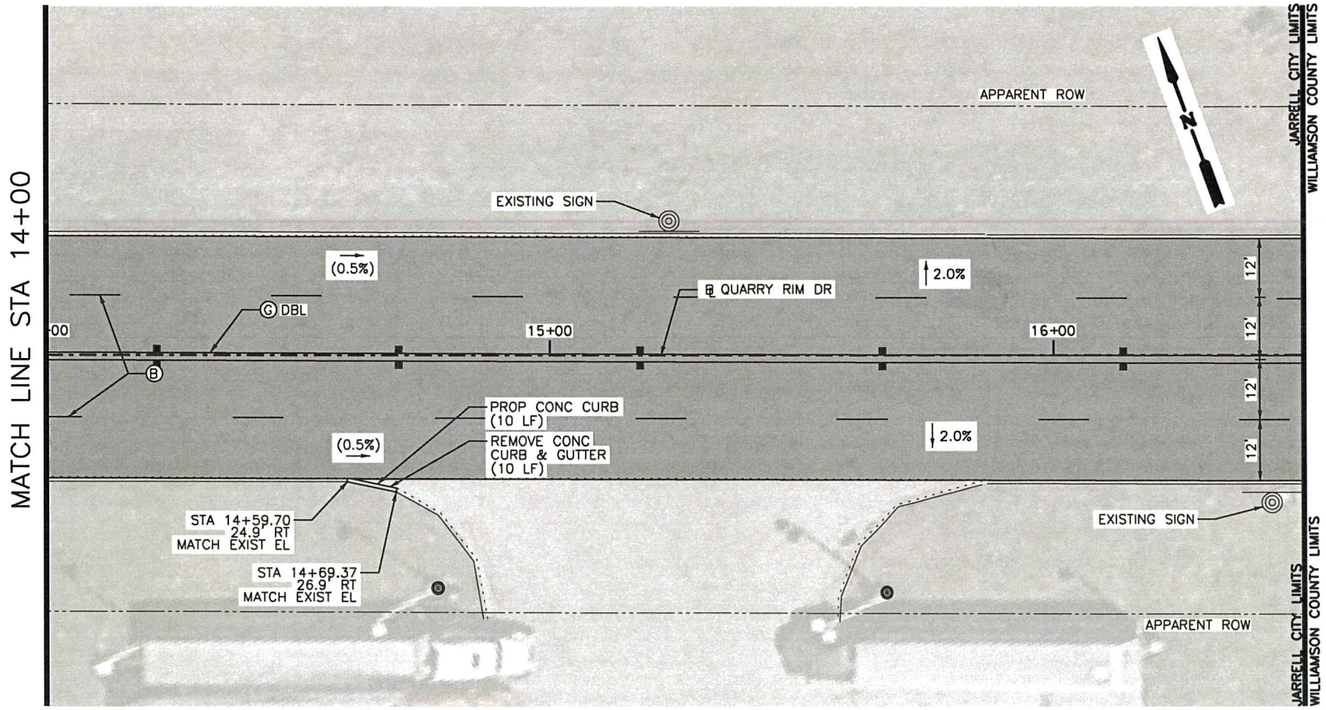
ITEM	DESCRIPTION	UNIT	QTY
0104-6022	REMOVING CONC (CURB AND GUTTER)	LF	26
0105-6108	RMV STAB BASE & ASPH PV (17")	SY	2390
0247-6041	FL BS (CMP IN PLC)(TYA GR1&2)(FNAL POS)	CY	397.0
0275-6001	CEMENT	TON	45.0
0275-6003	CEMENT TREAT (NEW BASE) (6")	SY	2383
0310-6001	PRIME COAT (MULTI OPTION)	GAL	476.60
0340-6106	D-GR HMA(SQ) TY-D PG64-22	TON	205.5
0360-6004	CONC PVMT (CONT REINF - CRCP) (10")	SY	2383
0529-6002	CONC CURB (TY II)	LF	26
0666-6167	REFL PAV MRK TY II (W) 4" (BRK)	LF	200
0666-6170	REFL PAV MRK TY II (W) 4" (SLD)	LF	110
0666-6207	REFL PAV MRK TY II (Y) 4" (SLD)	LF	900
0666-6300	RE PM W/RET REQ TY I (W)4"(BRK)(100MIL)	LF	200
0666-6303	RE PM W/RET REQ TY I (W)4"(SLD)(100MIL)	LF	110
0666-6315	RE PM W/RET REQ TY I (Y)4"(SLD)(100MIL)	LF	900
0672-6009	REFL PAV MRKR TY II-A-A	EA	18

LEGEND

Ⓐ REFL PAV MRK TY I&II (W) 4" (SLD)
Ⓑ REFL PAV MRK TY I&II (W) 4" (BRK)
Ⓒ REFL PAV MRK TY I&II (W) 8" (SLD) W/ RAISED PAV MRK TY I-C @ 20'
Ⓓ REFL PAV MRK TY I&II (W) 24" (SLD)
Ⓔ REFL PAV MRK TY I&II (Y)(MED NOSE)
Ⓕ REFL PAV MRK TY I&II (W)(WORD)
Ⓖ REFL PAV MRK TY I&II (Y) 4" (SLD) W/ RAISED PAV MRK TY-II-A-A @ 40'
Ⓗ REFL PAV MRK TY I&II (Y) 12" (SLD)

PROPOSED PAVEMENT
EXIST FENCE
EXIST GUY WIRE
EXIST POWER POLE
EXIST SIGN
PROP SIGN

NOTES:
1. THE "ONE CALL" SYSTEM WILL BE USED TO LOCATE EXISTING UNDERGROUND UTILITIES.
2. ALL UTILITIES SHOWN ARE BY APPROXIMATE LOCATION ONLY AND ARE TO BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO BEGINNING CONSTRUCTION.
3. CONTRACTOR SHALL REPAIR / RECONNECT EXISTING UTILITIES DISCONNECTED OR DAMAGED DURING CONSTRUCTION.
4. CONTRACTOR SHALL RETURN THE GROUND AREA DISTURBED BY CONSTRUCTION ACTIVITY TO EQUAL OR BETTER CONDITION IN SUCH A MANNER AS NOT TO CHANGE THE ROUTE OF STORM WATER FLOW.
5. EXISTING SIGNS TO REMAIN UNLESS OTHERWISE SHOWN.



STATE OF TEXAS
TYLER P. DUBE
118612
LICENSED PROFESSIONAL ENGINEER

TYLER P. DUBE, P.E. — 3/18/2019 DATE

STATE OF TEXAS
GILMER D. GASTON
80472
LICENSED PROFESSIONAL ENGINEER

GILMER D. GASTON P.E. — 3/18/2019 DATE

	BY	DATE

PAPE-DAWSON ENGINEERS
SAN ANTONIO | AUSTIN | HOUSTON | FORT WORTH | DALLAS
2000 NW LOOP 410 | SAN ANTONIO, TX 78213 | 210.375.9000
TBPE FIRM REGISTRATION #470 | TBPLS FIRM REGISTRATION #10028800

WILLIAMSON COUNTY 1848
WILLIAMSON COUNTY DEPT. OF INFRASTRUCTURE

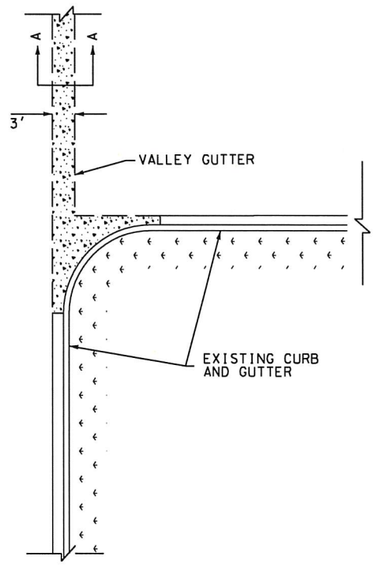
QUARRY RIM DR PLANS

Designed:	3151 S.E. INNER LOOP GEORGETOWN, TEXAS 78626 512-943-3330 www.wilco.org	SHEET NO. 14
Checked:		
Drawn:		
Checked:		

\\pape-dawson\pd\H\projects\510\16\02\Design\Civil\Roadway\Limestone\5101602_Quarry Rim_PP02.dgn 3/18/2019 2:37:00 PM

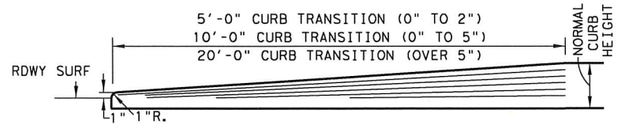
TYPICAL CONC. VALLEY GUTTER

TO BE USED WHERE REQUIRED TO CARRY DRAINAGE ACROSS SIDE STREETS

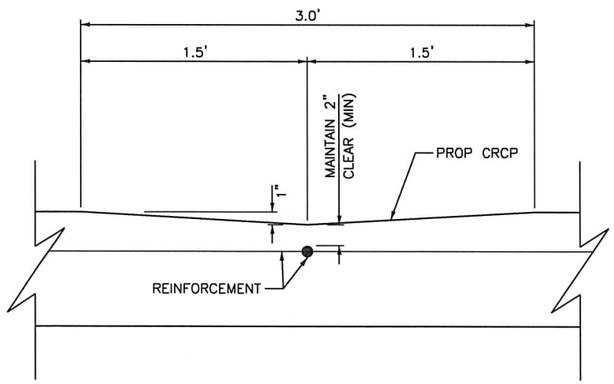


TYPICAL TRANSITION FOR CONCRETE CURB ENDS

TO BE USED WHERE CURB TRANSITIONS FROM NORMAL CURB HEIGHT TO ROADWAY SURFACE ELEVATION

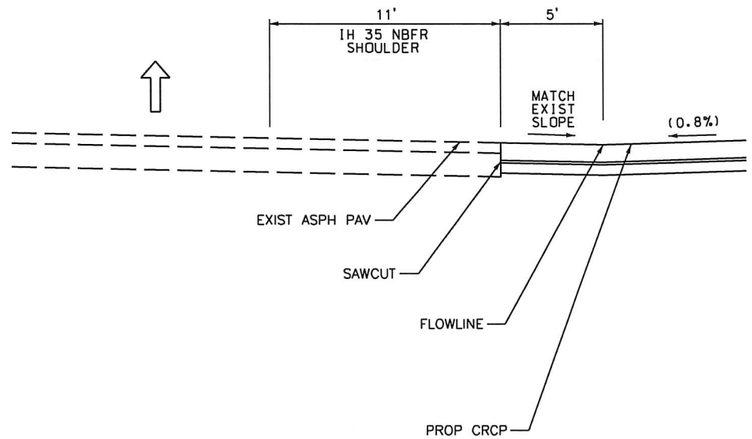


SECTION A-A



NOTE: "VALLEY GUTTER" WILL USE SAME TYPICAL SECTION AS CRCP BUT WITH A 1" SLOPED DEPRESSION IN THE CENTER AS SHOWN.

ASPHALT TIE-IN



STATE OF TEXAS
TYLER P. DUBE
118612
LICENSED PROFESSIONAL ENGINEER
TYLER P. DUBE, P.E. 3/18/2019 DATE

STATE OF TEXAS
GILMER D. GASTON
80472
LICENSED PROFESSIONAL ENGINEER
GILMER D. GASTON P.E. 3/18/2019 DATE

NO.	REVISION	BY	DATE

PAPE-DAWSON ENGINEERS
SAN ANTONIO | AUSTIN | HOUSTON | FORT WORTH | DALLAS
2000 NW LOOP 410 | SAN ANTONIO, TX 78213 | 210.375.9000
TBPE FIRM REGISTRATION #470 | TBPLS FIRM REGISTRATION #10028800

WILLIAMSON COUNTY 1848
WILLIAMSON COUNTY DEPT. OF INFRASTRUCTURE

SPECIAL DETAILS

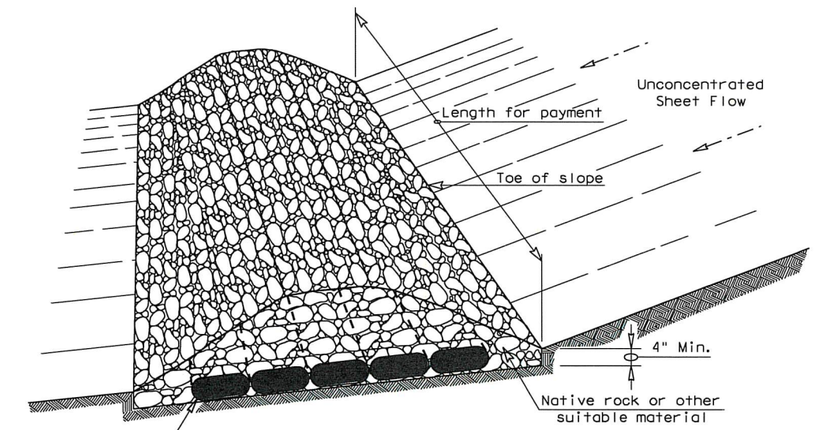
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Checked:	TPD

3151 S.E. INNER LOOP
GEORGETOWN, TEXAS 78626
512-943-3330
www.wilco.org

SHEET NO. 15

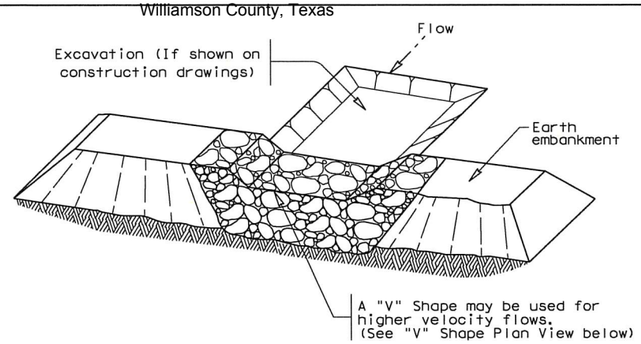
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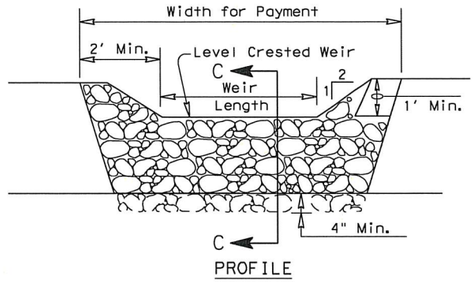
FILTER DAM AT TOE OF SLOPE

RFD1

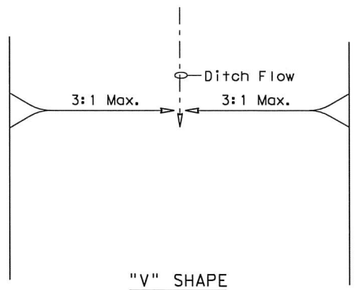


FILTER DAM AT SEDIMENT TRAP

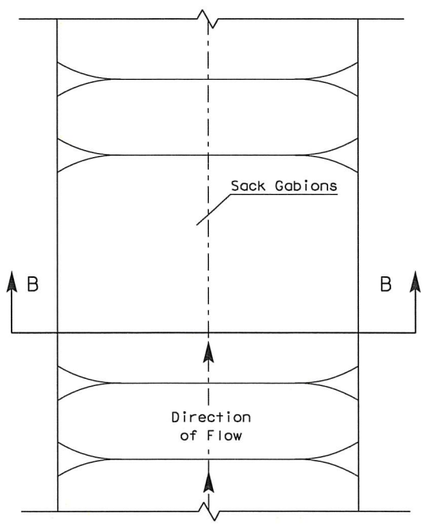
RFD1 — OR — RFD2



PROFILE



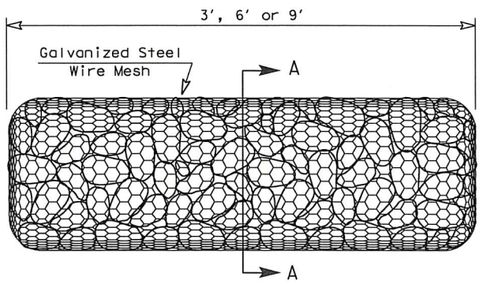
"V" SHAPE
PLAN VIEW



PLAN VIEW

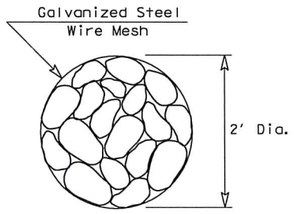
¾" Dia.
Rebar Stakes

SECTION B-B

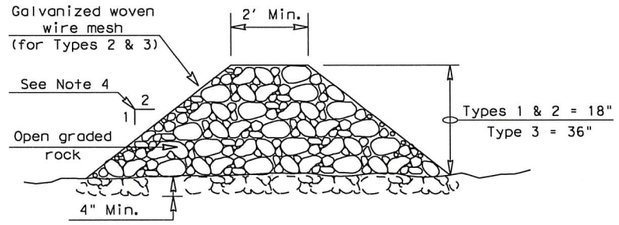


TYPE 4 (SACK GABIONS)

RFD4



SECTION A-A



SECTION C-C

ROCK FILTER DAM USAGE GUIDELINES

Rock Filter Dams should be constructed downstream from disturbed areas to intercept sediment from overland runoff and/or concentrated flow. The dams should be sized to filter a maximum flow through rate of 60 GPM/FT^2 of cross sectional area. A 2 year storm frequency may be used to calculate the flow rate.

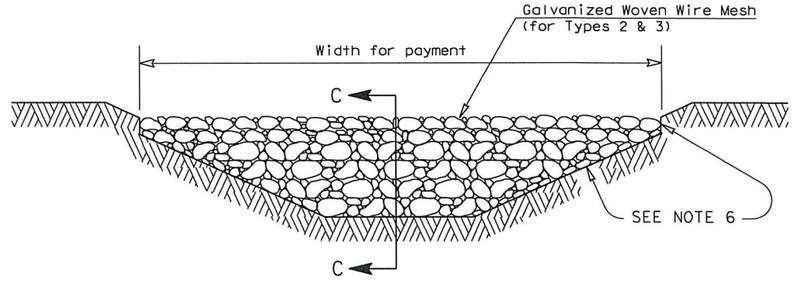
Type 1 (18" high with no wire mesh) (3" to 6" aggregate): Type 1 may be used at the toe of slopes, around inlets, in small ditches, and at dike or swale outlets. This type of dam is recommended to control erosion from a drainage area of 5 acres or less. Type 1 may not be used in concentrated high velocity flows (approximently 8 Ft/Sec or more) in which aggregate wash out may occur. Sandbags may be used at the embedded foundation (4" deep min.) for better filtering efficiency of low flows if called for on the plans or directed by the Engineer.

Type 2 (18" high with wire mesh) (3" to 6" aggregate): Type 2 may be used in ditches and at dike or swale outlets.

Type 3 (36" high with wire mesh) (4" to 8" aggregate): Type 3 may be used in stream flow and should be secured to the stream bed.

Type 4 (Sack gabions) (3" to 6" aggregate): Type 4 May be used in ditches and smaller channels to form an erosion control dam.

Type 5: Provide rock filter dams as shown on plans.



FILTER DAM AT CHANNEL SECTIONS

RFD1 — OR — RFD2 — OR — RFD3

GENERAL NOTES

1. If shown on the plans or directed by the Engineer, filter dams should be placed near the toe of slopes where erosion is anticipated, upstream and/or downstream at drainage structures, and in roadway ditches and channels to collect sediment.
2. Materials (aggregate, wire mesh, sandbags, etc.) shall be as indicated by the specification for "Rock Filter Dams for Erosion and Sedimentation Control".
3. The rock filter dam dimensions shall be as indicated on the SW3P plans.
4. Side slopes should be 2:1 or flatter. Dams within the safety zone shall have sideslopes of 6:1 or flatter.
5. Maintain a minimum of 1' between top of rock filter dam weir and top of embankment for filter dams at sediment traps.
6. Filter dams should be embedded a minimum of 4" into existing ground.
7. The sediment trap for ponding of sediment laden runoff shall be of the dimensions shown on the plans.
8. Rock filter dam types 2 & 3 shall be secured with 20 gauge galvanized woven wire mesh with 1" diameter hexagonal openings. The aggregate shall be placed on the mesh to the height & slopes specified. The mesh shall be folded at the upstream side over the aggregate and tightly secured to itself on the downstream side using wire ties or hog rings. For in stream use, the mesh should be secured or staked to the stream bed prior to aggregate placement.
9. Sack Gabions should be staked down with ¾" dia. rebar stakes, and have a double-twisted hexagonal weave with a nominal mesh opening of 2 ½" x 3 ¼"
10. Flow outlet should be onto a stabilized area (vegetation, rock, etc.).
11. The guidelines shown hereon are suggestions only and may be modified by the Engineer.

PLAN SHEET LEGEND

Type 1 Rock Filter Dam — RFD1
Type 2 Rock Filter Dam — RFD2
Type 3 Rock Filter Dam — RFD3
Type 4 Rock Filter Dam — RFD4

Texas Department of Transportation | Design Division Standard

TEMPORARY EROSION, SEDIMENT AND WATER POLLUTION CONTROL MEASURES

ROCK FILTER DAMS

EC(2)-16

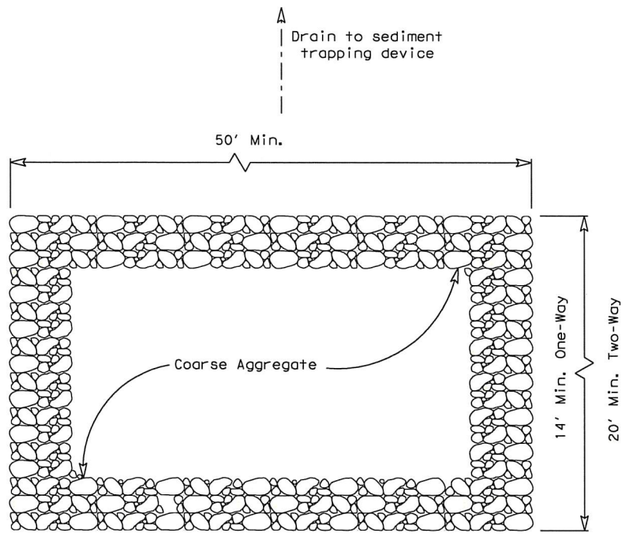
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REVISIONS				LIMESTONE
	DIST	COUNTY		SHEET NO.
		WILLIAMSON		661

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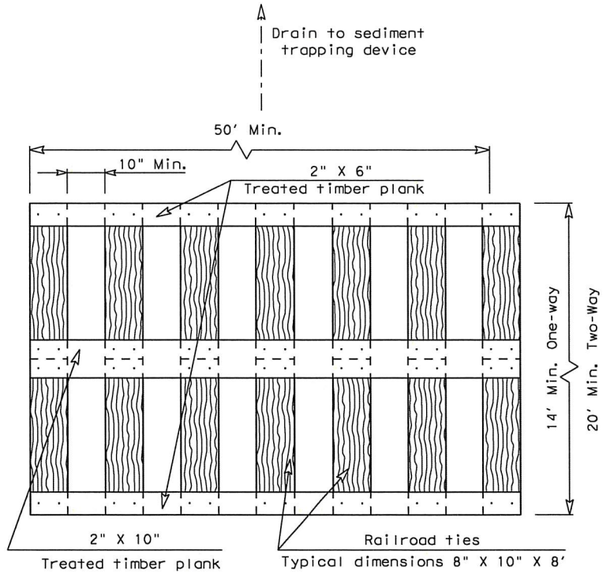
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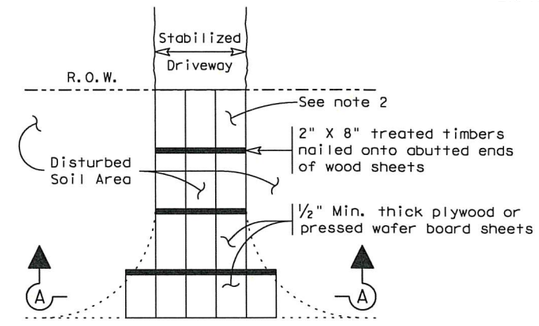
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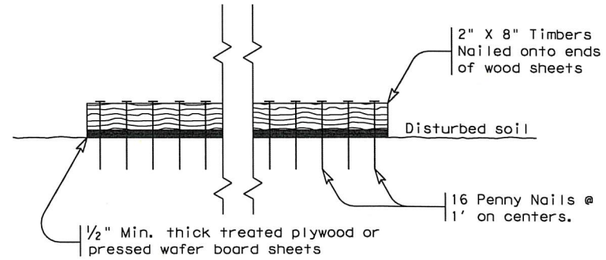
PLAN VIEW



PLAN VIEW



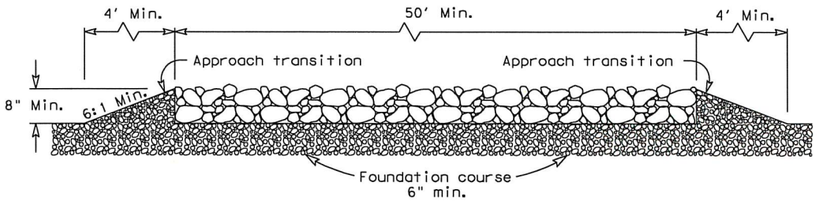
PLAN VIEW



SECTION A-A

CONSTRUCTION EXIT (TYPE 3)

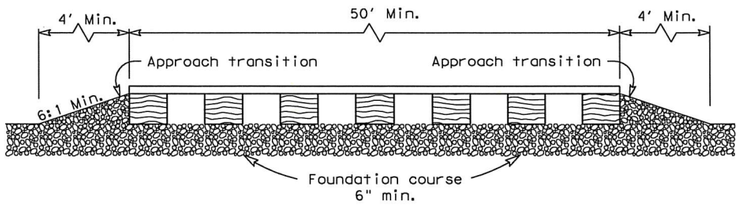
SHORT TERM



ELEVATION VIEW

CONSTRUCTION EXIT (TYPE 1)

ROCK CONSTRUCTION (LONG TERM)



ELEVATION VIEW

CONSTRUCTION EXIT (TYPE 2)

TIMBER CONSTRUCTION (LONG TERM)

GENERAL NOTES (TYPE 1)

1. The length of the type 1 construction exit shall be as indicated on the plans, but not less than 50'.
2. The coarse aggregate should be open graded with a size of 4" to 8".
3. The approach transitions should be no steeper than 6:1 and constructed as directed by the Engineer.
4. The construction exit foundation course shall be flexible base, bituminous concrete, portland cement concrete or other materialas approved by the Engineer.
5. The construction exit shall be graded to allow drainage to a sediment trapping device.
6. The guidelines shown hereon are suggestions only and may be modified by the Engineer.
7. Construct exits with a width of at least 14 ft. for one-way and 20 ft. for two-way traffic for the full width of the exit, or as directed by the engineer.

GENERAL NOTES (TYPE 2)

1. The length of the type 2 construction exit shall be as indicated on the plans, but not less than 50'.
2. The treated timber planks shall be attached to the railroad ties with ½"x 6" min. lag bolts. Other fasteners may be used as approved by the Engineer.
3. The treated timber planks shall be #2 grade min., and should be free from large and loose knots.
4. The approach transitions shall be no steeper than 6:1 and constructed as directed by the Engineer.
5. The construction exit foundation course shall be flexible base, bituminous concrete, portland cement concrete or other material as approved by the Engineer.
6. The construction exit should be graded to allow drainage to a sediment trapping device.
7. The guidelines shown hereon are suggestions only and may be modified by the Engineer.
8. Construct exits with a width of at least 14 ft. for one-way and 20 ft. for two-way traffic for the full width of the exit, or as directed by the engineer.

GENERAL NOTES (TYPE 3)

1. The length of the type 3 construction exit shall be as shown on the plans, or as directed by the Engineer.
2. The type 3 construction exit may be constructed from open graded crushed stone with a size of two to four inches spread a min. of 4" thick to the limits shown on the plans.
3. The treated timber planks shall be #2 grade min., and should be free from large and loose knots.
4. The guidelines shown hereon are suggestions only and may be modified by the Engineer.

Texas Department of Transportation | Design Division Standard

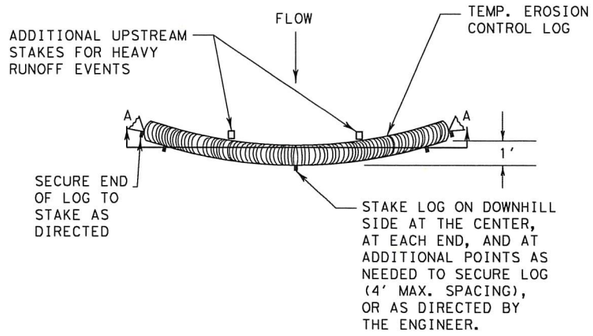
TEMPORARY EROSION, SEDIMENT AND WATER POLLUTION CONTROL MEASURES

CONSTRUCTION EXITS

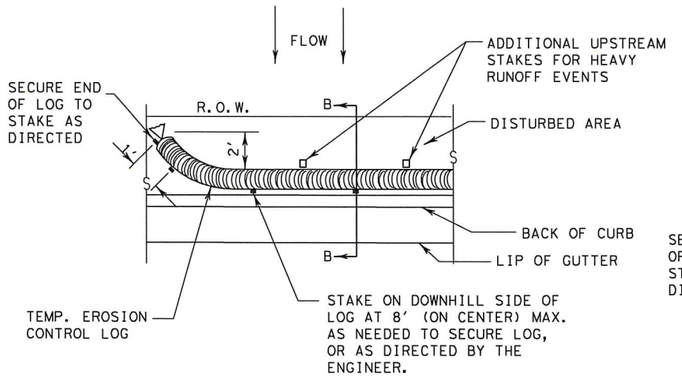
EC(3)-16

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		WILLIAMSON		762

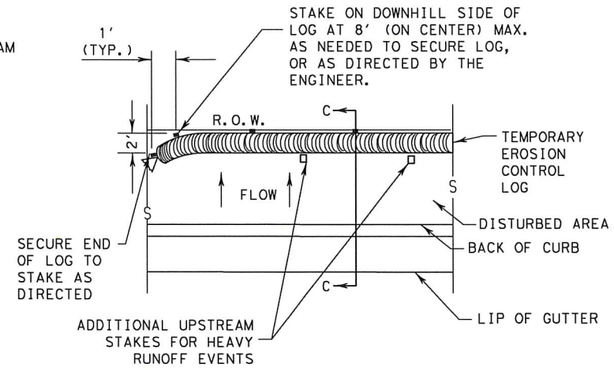
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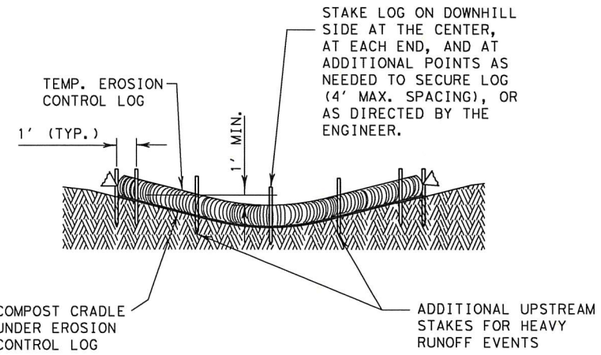
PLAN VIEW



PLAN VIEW



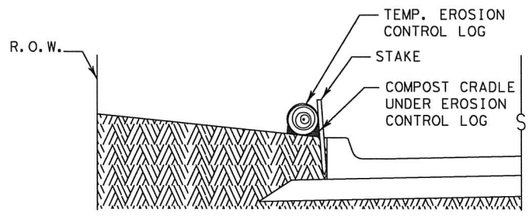
PLAN VIEW



SECTION A-A

EROSION CONTROL LOG DAM

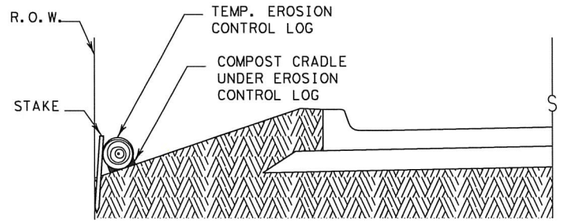
CL-D



SECTION B-B

EROSION CONTROL LOG AT BACK OF CURB

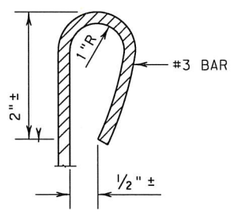
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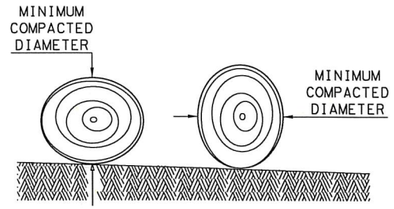
SECTION C-C

EROSION CONTROL LOG AT EDGE OF RIGHT-OF-WAY

CL-ROW



REBAR STAKE DETAIL



DIAMETER MEASUREMENTS OF EROSION CONTROL LOGS SPECIFIED IN PLANS

GENERAL NOTES:

1. EROSION CONTROL LOGS SHALL BE INSTALLED IN ACCORDANCE WITH MANFACTURER'S RECOMMENDATIONS, OR AS DIRECTED BY THE ENGINEER.
2. LENGTHS OF EROSION CONTROL LOGS SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND AS REQUIRED FOR THE PURPOSE INTENDED.
3. UNLESS OTHERWISE DIRECTED, USE BIODEGRADABLE OR PHOTODEGRADABLE CONTAINMENT MESH ONLY WHERE LOG WILL REMAIN IN PLACE AS PART OF A VEGETATIVE SYSTEM. FOR TEMPORARY INSTALLATIONS, USE RECYCLABLE CONTAINMENT MESH.
4. FILL LOGS WITH SUFFICIENT FILTER MATERIAL TO ACHIEVE THE MINIMUM COMPACTED DIAMETER SPECIFIED IN THE PLANS WITHOUT EXCESSIVE DEFORMATION.
5. STAKES SHALL BE 2" X 2" WOOD OR #3 REBAR, 2'-4' LONG, EMBEDDED SUCH THAT 2" PROTRUDES ABOVE LOG, OR AS DIRECTED BY THE ENGINEER.
6. DO NOT PLACE STAKES THROUGH CONTAINMENT MESH.
7. COMPOST CRADLE MATERIAL IS INCIDENTAL & WILL NOT BE PAID FOR SEPARATELY.
8. SANDBAGS USED AS ANCHORS SHALL BE PLACED ON TOP OF LOGS & SHALL BE OF SUFFICIENT SIZE TO HOLD LOGS IN PLACE.
9. TURN THE ENDS OF EACH ROW OF LOGS UPSLOPE TO PREVENT RUNOFF FROM FLOWING AROUND THE LOG.
10. FOR HEAVY RUNOFF EVENTS, ADDITIONAL UPSTREAM STAKES MAY BE NECESSARY TO KEEP LOG FROM FOLDING IN ON ITSELF.

LEGEND

- CL-D — EROSION CONTROL LOG DAM
- CL-BOC — EROSION CONTROL LOG AT BACK OF CURB
- CL-ROW — EROSION CONTROL LOG AT EDGE OF RIGHT-OF-WAY
- CL-SST — EROSION CONTROL LOGS ON SLOPES STAKE AND TRENCHING ANCHORING
- CL-SSL — EROSION CONTROL LOGS ON SLOPES STAKE AND LASHING ANCHORING
- CL-DI — EROSION CONTROL LOG AT DROP INLET
- CL-CI — EROSION CONTROL LOG AT CURB INLET
- CL-GI — EROSION CONTROL LOG AT CURB & GRATE INLET

SEDIMENT BASIN & TRAP USAGE GUIDELINES

An erosion control log sediment trap may be used to filter sediment out of runoff draining from an unstabilized area.

Log Traps: The drainage area for a sediment trap should not exceed 5 acres. The trap capacity should be 1800 CF/Acre (0.5" over the drainage area).

Control logs should be placed in the following locations:

1. Within drainage ditches spaced as needed or min. 500' on center
2. Immediately preceding ditch inlets or drain inlets
3. Just before the drainage enters a water course
4. Just before the drainage leaves the right of way
5. Just before the drainage leaves the construction limits where drainage flows away from the project.

The logs should be cleaned when the sediment has accumulated to a depth of 1/2 the log diameter.

Cleaning and removal of accumulated sediment deposits is incidental and will not be paid for separately.

Texas Department of Transportation | Design Division Standard

TEMPORARY EROSION, SEDIMENT AND WATER POLLUTION CONTROL MEASURES

EROSION CONTROL LOG

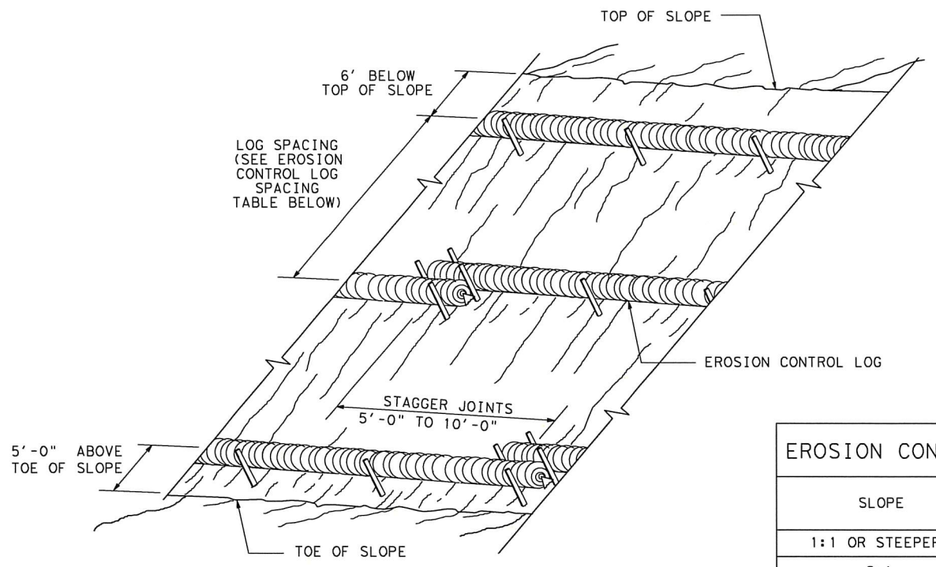
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© TxDOT: JULY 2016	CONT	SECT	JOB	HIGHWAY	
REVISIONS				LIMESTONE	
	DIST	COUNTY		SHEET NO.	
		WILLIAMSON		863	

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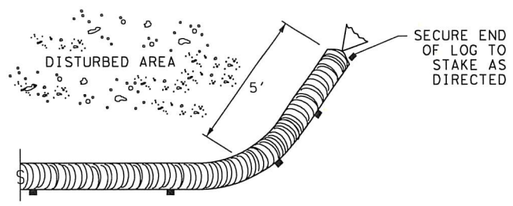
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EROSION CONTROL LOGS ON SLOPES
STAKE AND TRENCHING ANCHORING

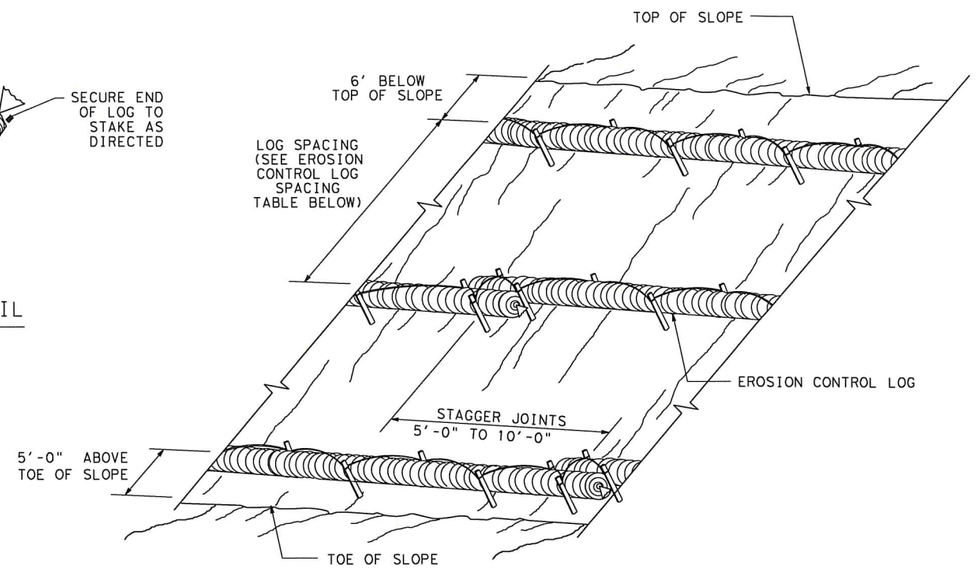
CL-SST



END SECTION RAP DETAIL

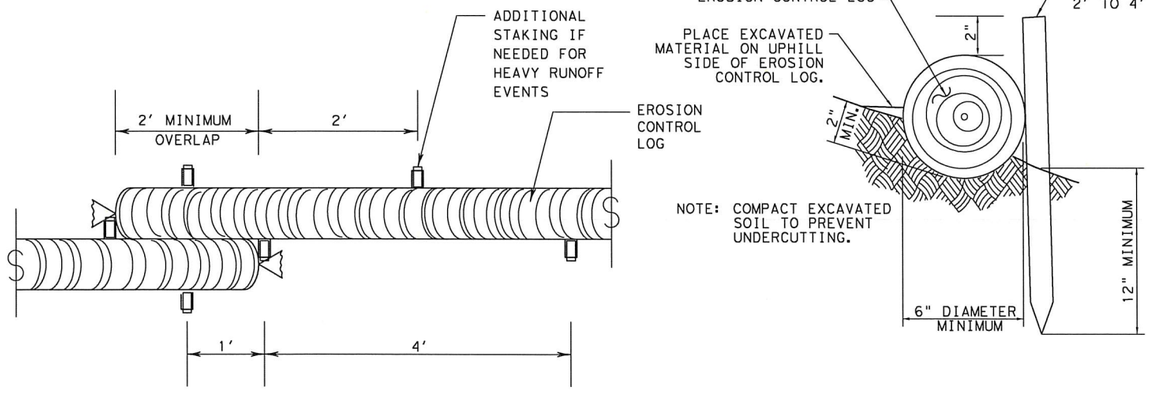
EROSION CONTROL LOG SPACING TABLE				
SLOPE	LOG DIAMETER			
	6"	8"	12"	18"
1:1 OR STEEPER	5'	10'	15'	20'
2:1	10'	20'	30'	40'
3:1	15'	30'	45'	60'
4:1 OR FLATTER	20'	40'	60'	80'

* ADJUSTMENTS CAN BE MADE FOR SOIL TYPE:
SOFT, LOAMY SOILS-ADJUST ROWS CLOSER TOGETHER;
HARD, ROCKY SOILS- ADJUST ROWS FARTHER APART



EROSION CONTROL LOGS ON SLOPES
STAKE AND LASHING ANCHORING

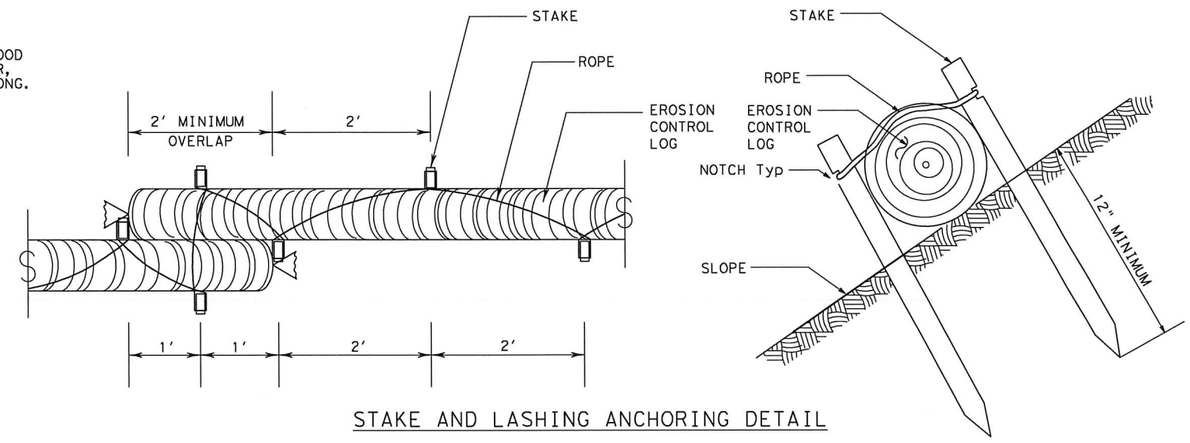
CL-SSL



STAKE AND TRENCHING ANCHORING DETAIL

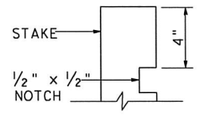
CL-SST

TRENCH DEPTH TABLE	
LOG DIAMETER	DEPTH
6"	2"
8"	3"
12"	4"
18"	5"



STAKE AND LASHING ANCHORING DETAIL

CL-SSL



STAKE NOTCH DETAIL

SHEET 2 OF 3

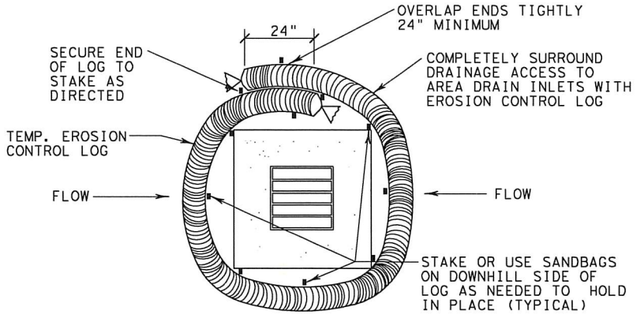
Texas Department of Transportation
Design Division Standard

TEMPORARY EROSION, SEDIMENT AND WATER POLLUTION CONTROL MEASURES

EROSION CONTROL LOG

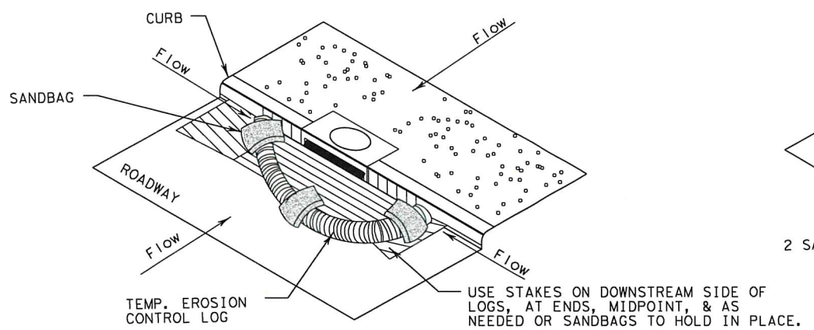
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REVISIONS				LIMESTONE	
	DIST	COUNTY		SHEET NO.	
		WILLIAMSON		196	



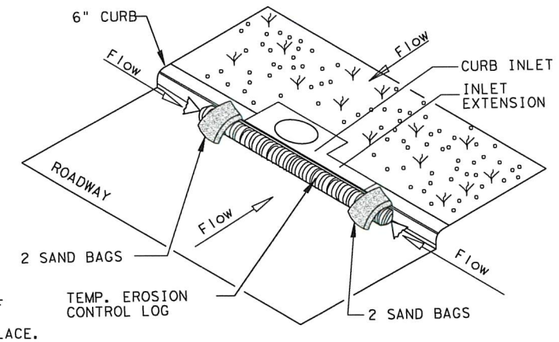
EROSION CONTROL LOG AT DROP INLET

CL-DI



EROSION CONTROL LOG AT CURB INLET

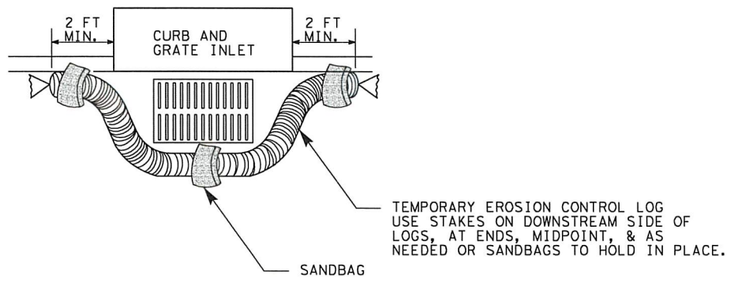
CL-CI



EROSION CONTROL LOG AT CURB INLET

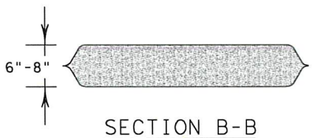
CL-CI

NOTE:
EROSION CONTROL LOGS USED AT CURB INLETS SHOULD ONLY BE USED IF THEY WILL NOT IMPEDE TRAFFIC OR FLOOD THE ROADWAY OR WHEN THE STORM SEWER SYSTEM IS NOT FULLY FUNCTIONAL.

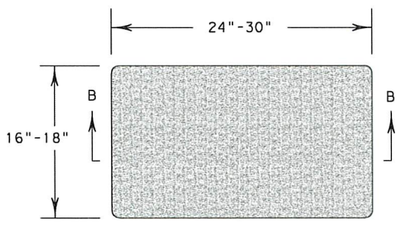


EROSION CONTROL LOG AT CURB & GRADE INLET

CL-GI



SECTION B-B



SANDBAG DETAIL

SHEET 3 OF 3

Texas Department of Transportation

Design Division Standard

TEMPORARY EROSION, SEDIMENT AND WATER POLLUTION CONTROL MEASURES

EROSION CONTROL LOG

EC(9)-16

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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 approximate 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.

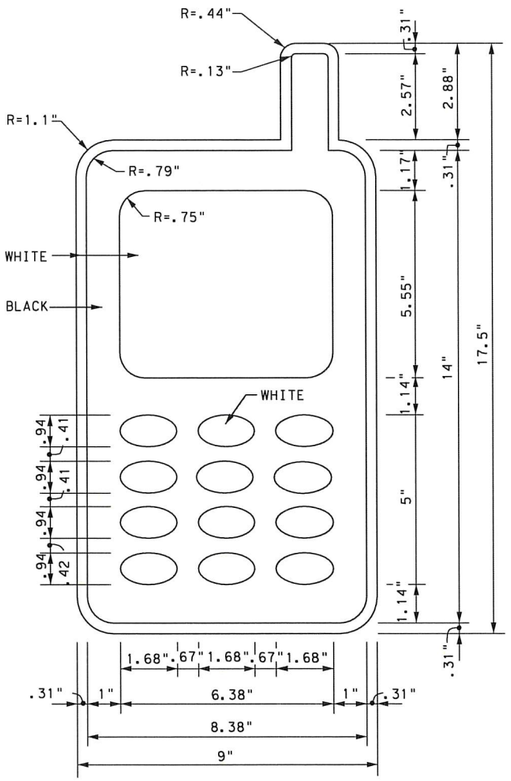
11. Except for devices required by Note 10, traffic control devices should be in place only while work is actually in progress or a definite need exists.

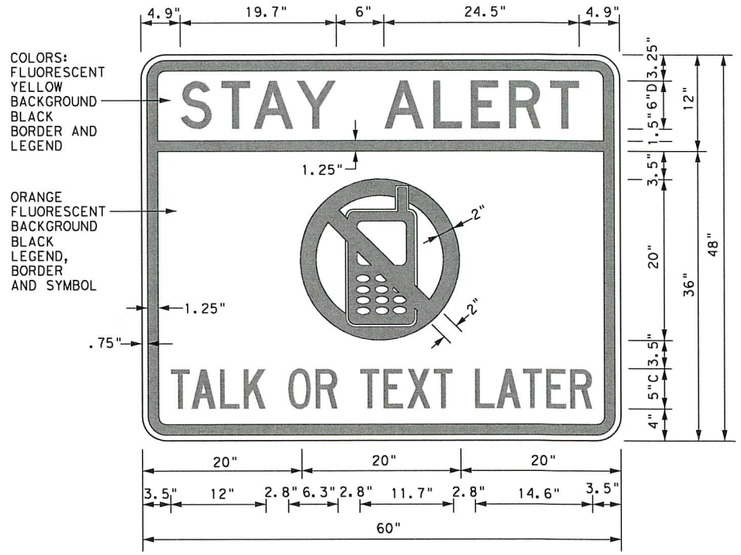
12. The Engineer has the final decision on the location of all traffic control devices.

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				LIMESTONE
4-03 5-10 8-14 9-07 7-13	DIST	COUNTY		SHEET NO.
		WILLIAMSON		2166

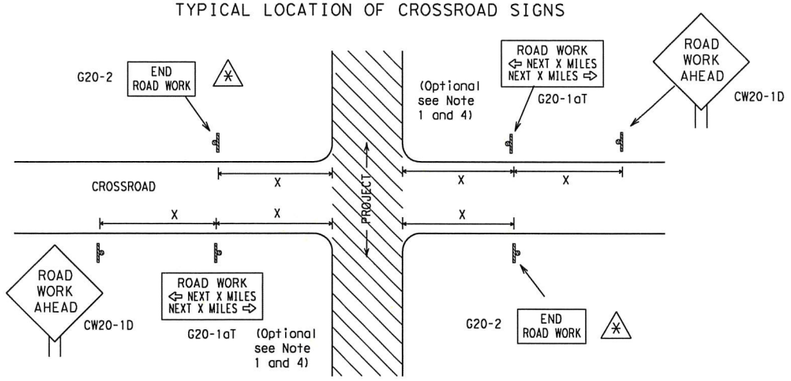
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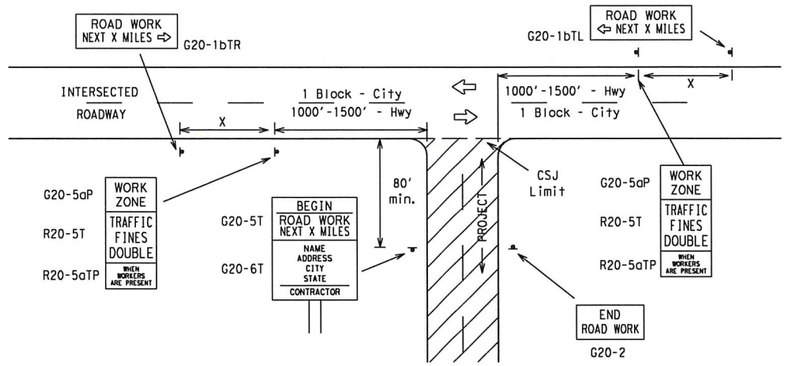
TYPICAL LOCATION OF CROSSROAD SIGNS



✳ 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 road 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 a 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" Δ
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]

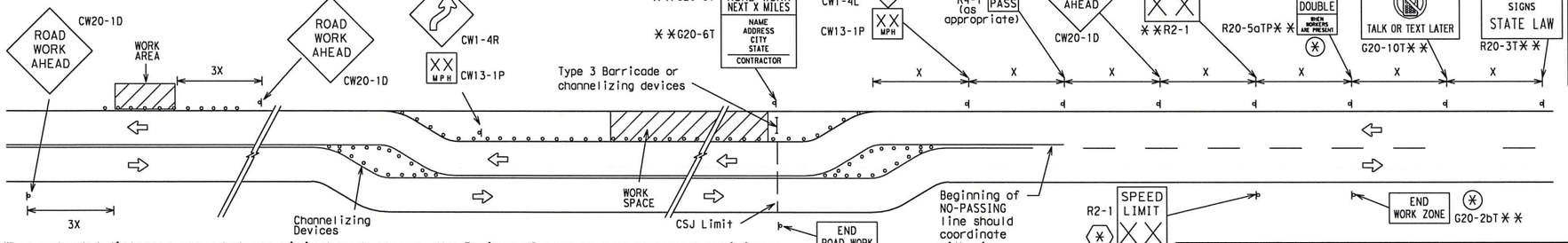
✳ For typical sign spacings on divided highways, expressways and freeways, see Part 6 of the "Texas Manual on Uniform Traffic Control Devices" (TMUTCD) typical application diagrams or TCP Standard Sheets.

Δ 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 crossroads 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.

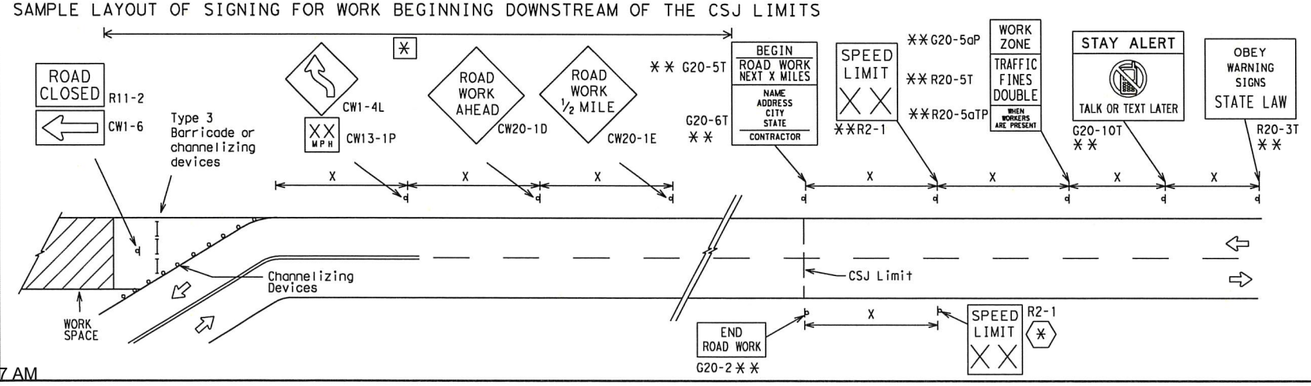
WORK AREAS IN MULTIPLE LOCATIONS WITHIN CSJ LIMITS



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 approval 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 inform 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 for sign spacing requirements.

SHEET 2 OF 12

Texas Department of Transportation — Traffic Operations Division Standard

BARRICADE AND CONSTRUCTION PROJECT LIMIT

BC(2)-14

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©TxDOT November 2002	CONT	SECT	JOB	HIGHWAY
REVISIONS 9-07 8-14 7-13				LIMESTONE
	DIST	COUNTY		SHEET NO.
		WILLIAMSON		3267

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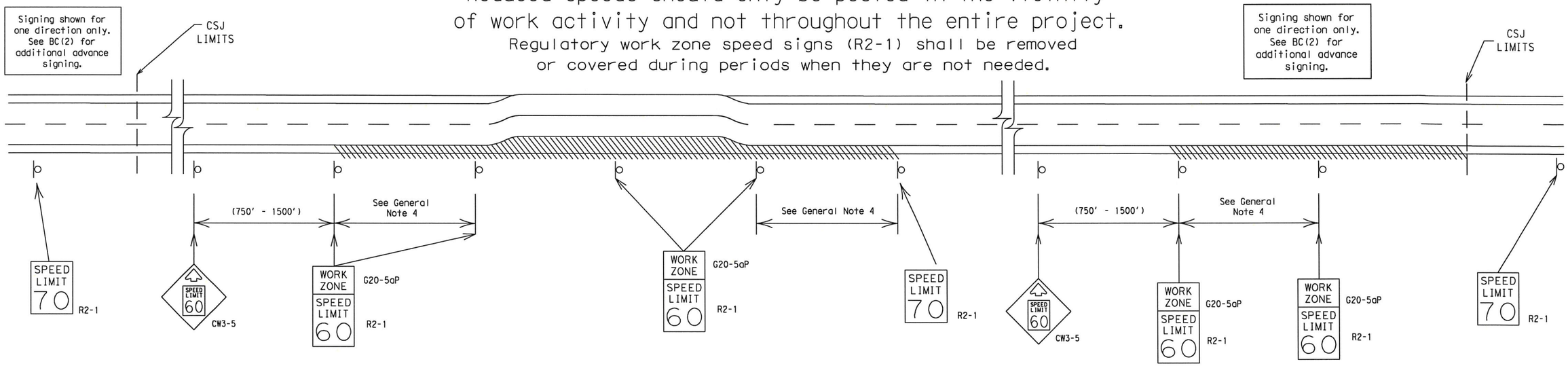
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TYPICAL APPLICATION OF WORK ZONE SPEED LIMIT SIGNS

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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SHEET 3 OF 12

Texas Department of Transportation | Traffic Operations Division Standard

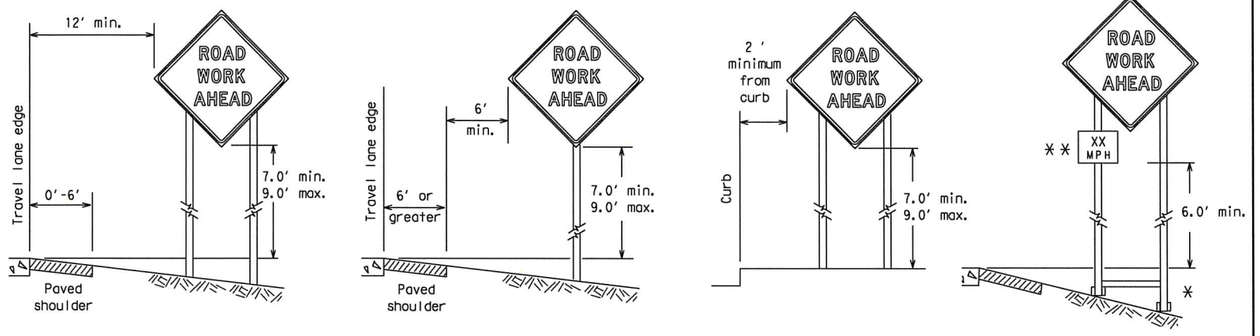
BARRICADE AND CONSTRUCTION WORK ZONE SPEED LIMIT

BC(3)-14

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©TxDOT November 2002	CONT	SECT	JOB	HIGHWAY
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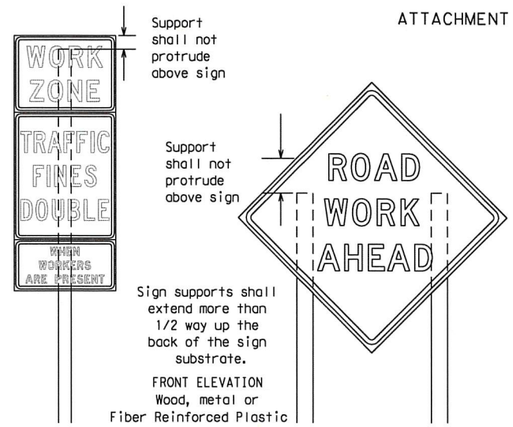
TYPICAL MINIMUM CLEARANCES FOR LONG TERM AND INTERMEDIATE TERM SIGNS



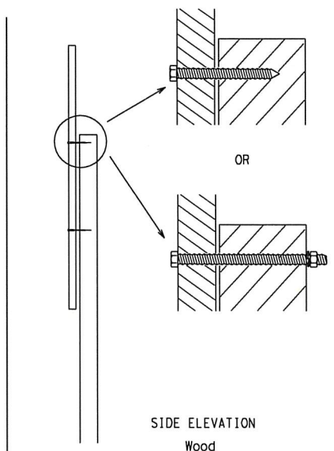
* When placing skid supports on unlevel ground, the leg post lengths must be adjusted so the sign appears straight and plumb. Objects shall NOT be placed under skids as a means of leveling.

** 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 spice 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.

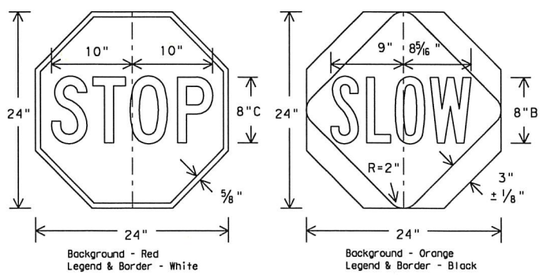


Attachment to wooden supports will be by bolts and nuts or screws. Use TxDOT's or manufacturer's recommended procedures for attaching sign substrates to other types of sign supports

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

BC(4)-14

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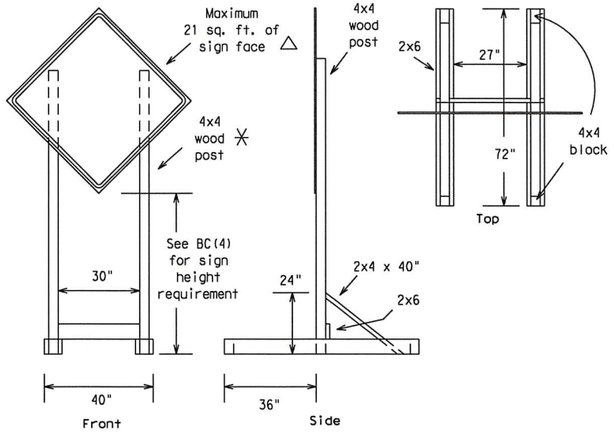
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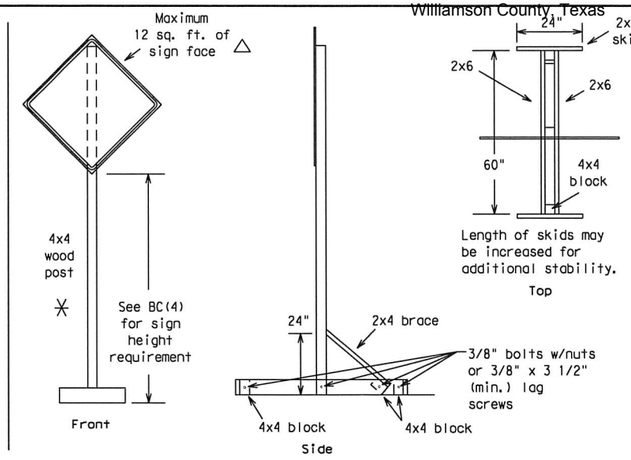
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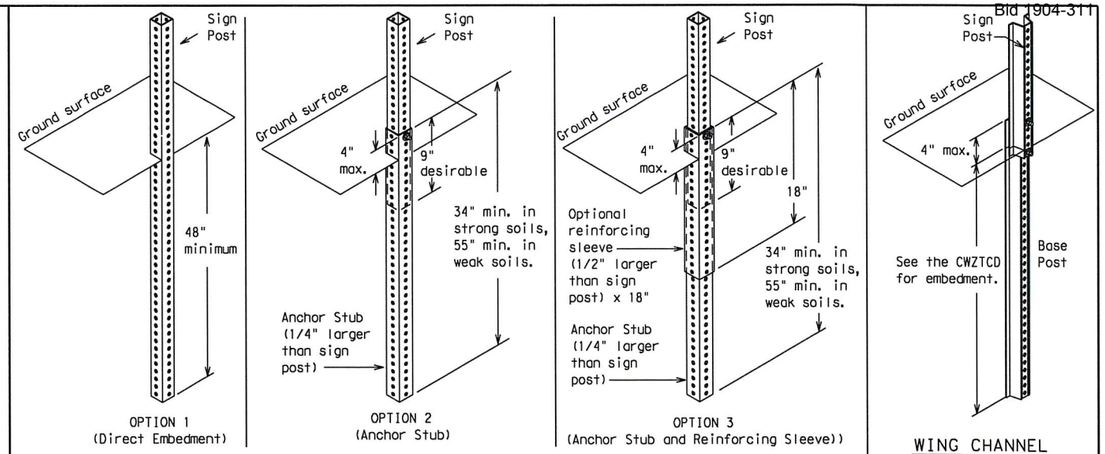
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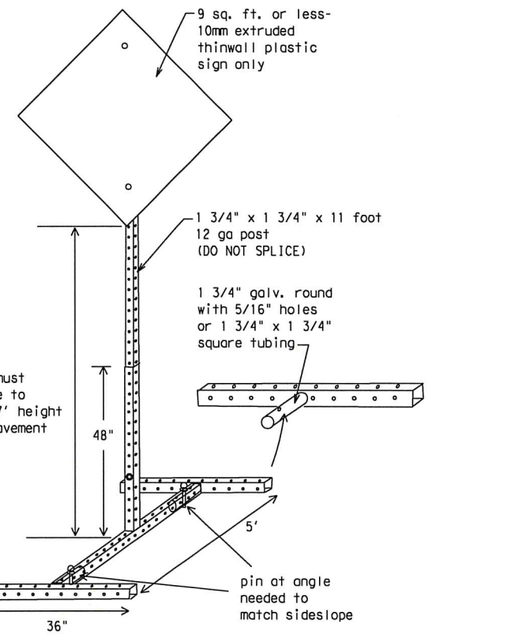
SKID MOUNTED WOOD SIGN SUPPORTS

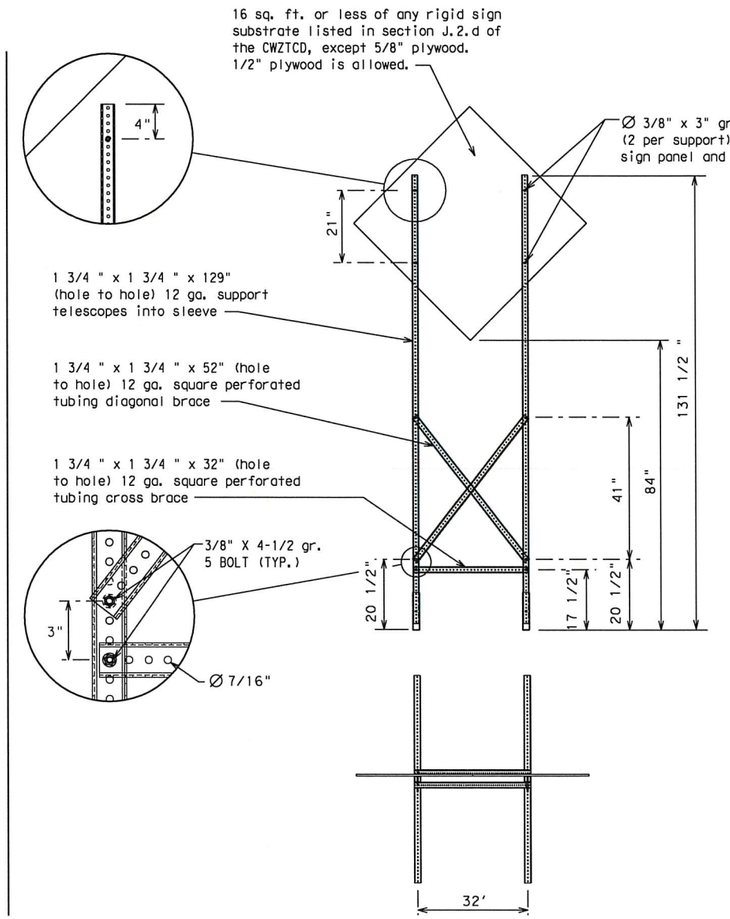
LONG/INTERMEDIATE TERM STATIONARY - PORTABLE SKID MOUNTED SIGN SUPPORTS □

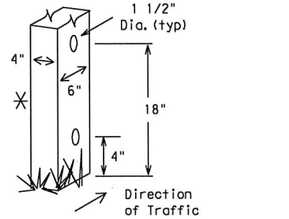


GROUND MOUNTED SIGN SUPPORTS

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.

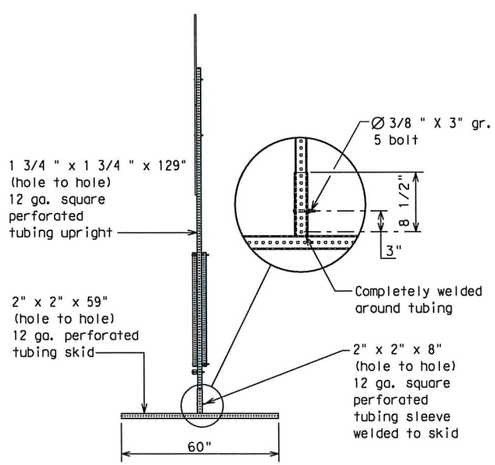






Nominal Post Size	Number of Posts	Maximum Sq. feet of Sign Face	Minimum Soil Embedment	Drilled Hole(s) Required
4 x 4	1	12	36"	NO
4 x 4	2	21	36"	NO
4 x 6	1	21	36"	YES
4 x 6	2	36	36"	YES

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.

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Texas Department of Transportation

Traffic Operations Division Standard

SKID MOUNTED PERFORATED SQUARE STEEL TUBING SIGN SUPPORTS

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 same 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 Take/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)

BC(6)-14

FILE: bc-14.dgn	DN: TxDOT	CK: TxDOT	DW: TxDOT	CK: TxDOT
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REVISIONS 9-07 8-14 7-13	DIST	COUNTY		SHEET NO.
		WILLIAMSON		2671

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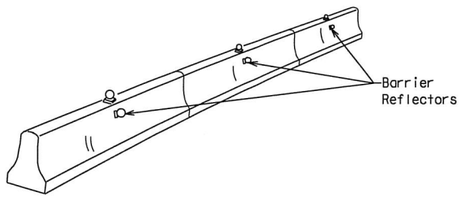
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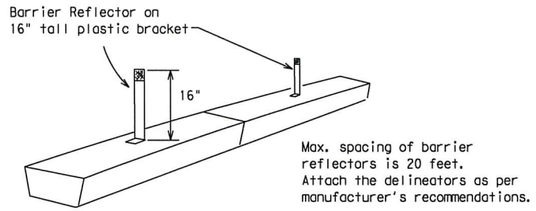
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1. Barrier Reflectors shall be pre-qualified, and conform to the color and reflectivity requirements of DMS-8600. A list of prequalified Barrier Reflectors can be found at the Material Producer List web address shown on BC(1).
2. Color of Barrier Reflectors shall be as specified in the TMUTCD. The cost of the reflectors shall be considered subsidiary to Item 512.

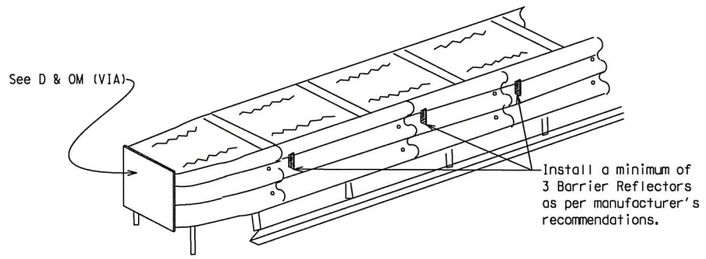


CONCRETE TRAFFIC BARRIER (CTB)

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)

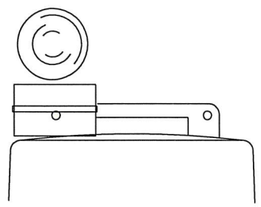


DELINEATION OF END TREATMENTS

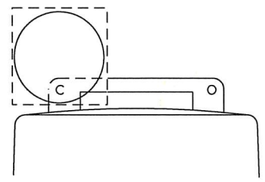
END TREATMENTS FOR
CTB'S USED
IN WORK ZONES

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

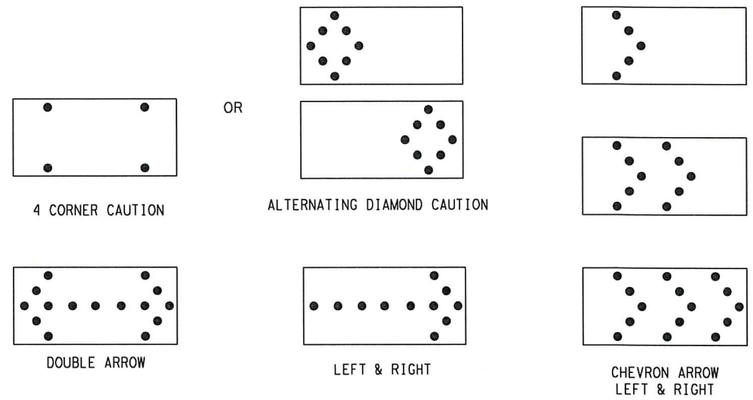
1. Type A flashing warning lights are intended to warn drivers that they are approaching or are in a potentially hazardous area.
2. Type A random flashing warning lights are not intended for delineation and shall not be used in a series.
3. A series of sequential flashing warning lights placed on channelizing 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

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

FILE: bc-14.dgn	DN: TxDOT	CK: TxDOT	DW: TxDOT	CK: TxDOT
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REVISIONS				LIMESTONE
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7-13		WILLIAMSON		272

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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 an approved device.

GENERAL DESIGN REQUIREMENTS

Pre-qualified plastic drums shall meet the following requirements:

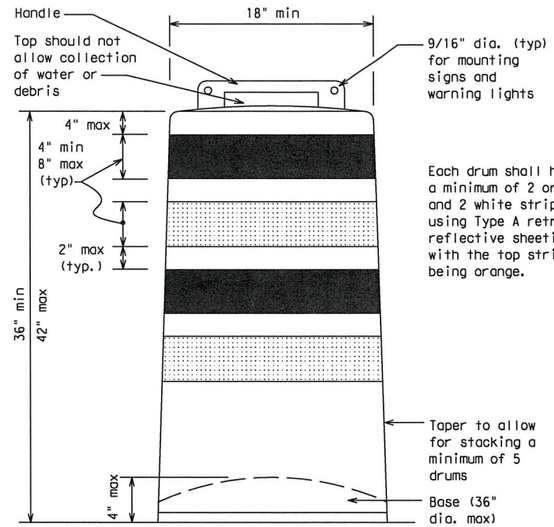
1. Plastic drums shall be a two-piece design; the "body" of the drum shall be the top portion and the "base" shall be the bottom.
2. The body and base shall lock together in such a manner that the body separates from the base when impacted by a vehicle traveling at a speed of 20 MPH or greater but prevents 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.

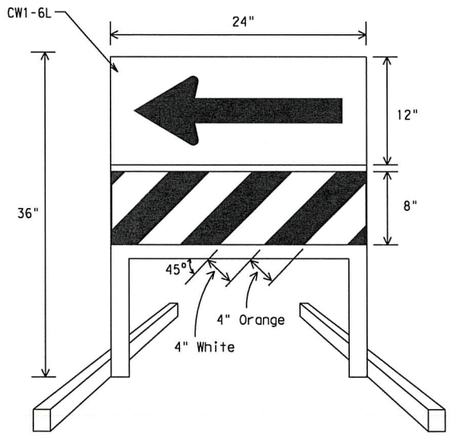
RETROREFLECTIVE SHEETING

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.

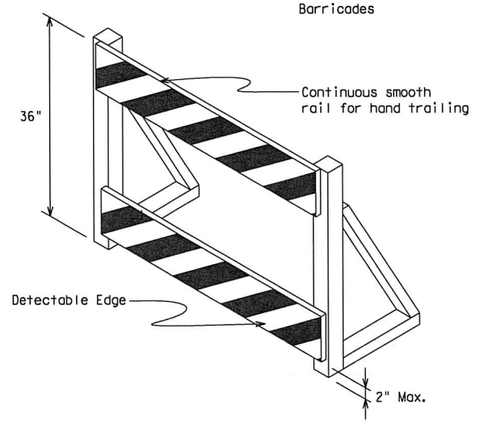




DIRECTION INDICATOR BARRICADE

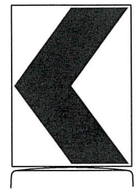
1. The Direction Indicator Barricade may be used in tapers, transitions, and other areas where specific directional guidance to drivers is necessary.
2. If used, the Direction Indicator Barricade should be used in series to direct the driver through the transition and into the intended travel lane.
3. 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

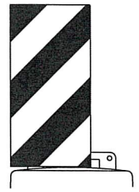


DETECTABLE PEDESTRIAN BARRICADES

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.

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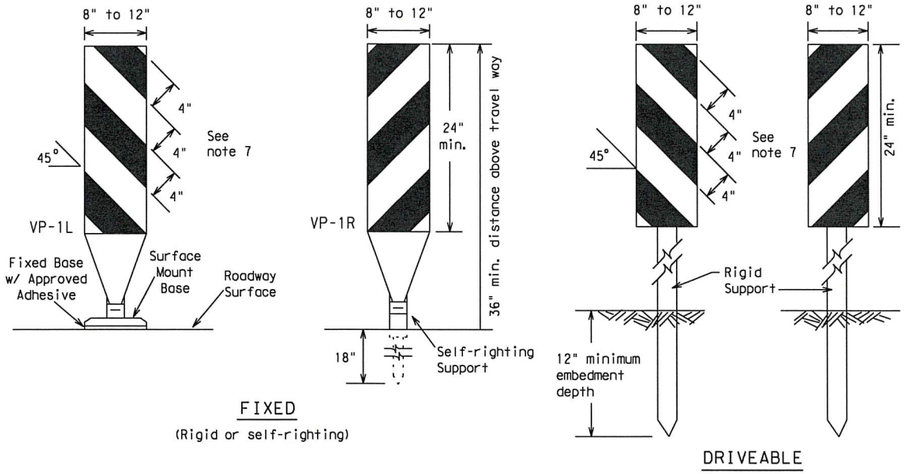
BARRICADE AND CONSTRUCTION CHANNELIZING DEVICES

BC(8)-14

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REVISIONS				LIMESTONE
4-03 7-13	DIST	COUNTY		SHEET NO.
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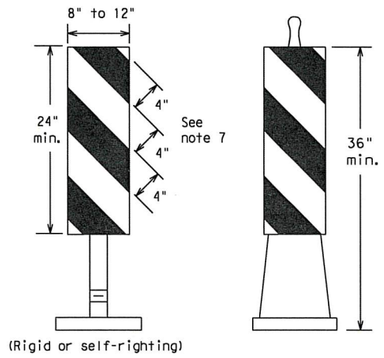
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FIXED
(Rigid or self-righting)

DRIVEABLE

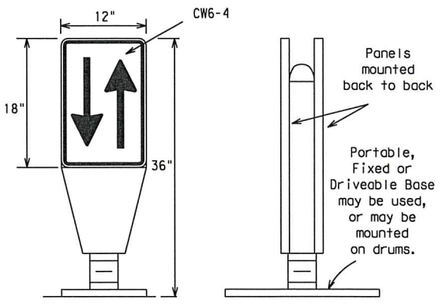


(Rigid or self-righting)

PORTABLE

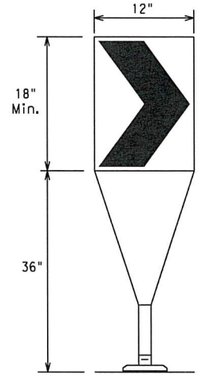
1. Vertical Panels (VP's) are normally used to channelize traffic or divide opposing lanes of traffic.
2. VP's may be used in daytime or nighttime situations. They may be used at the edge of shoulder drop-offs and other areas such as lane transitions where positive daytime and nighttime delineation is 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)



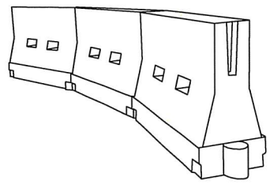
Fixed Base w/ Approved Adhesive
(Driveable Base, or Flexible Support can be used)

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 based 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

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BARRICADE AND CONSTRUCTION CHANNELIZING DEVICES

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7-13		WILLIAMSON		2974

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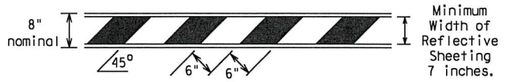
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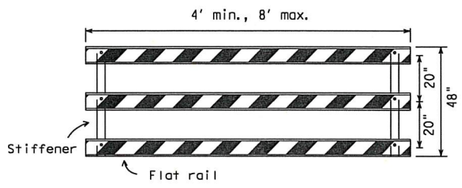
TYPE 3 BARRICADES

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 road 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. Identification 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 adequate clear zone is provided.
7. Warning 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 sand from spilling and to maintain a constant weight. Sand bags shall not be stacked in a manner that 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 a durable material that 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 Material Specification DMS-8300 unless otherwise noted.

Barricades shall NOT be used as a sign support.



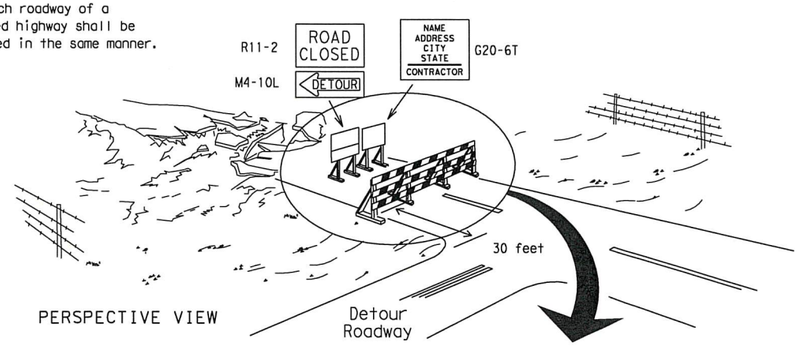
TYPICAL STRIPING DETAIL FOR BARRICADE RAIL



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

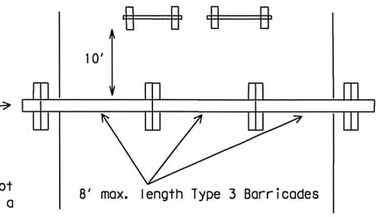
Each roadway of a divided highway shall be barricaded in the same manner.



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.

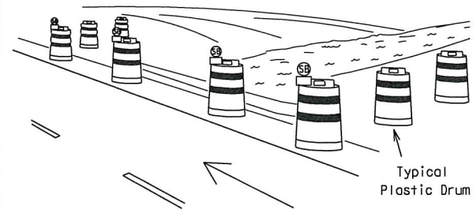
Barricade striping should slant downward in the direction of detour.



PLAN VIEW

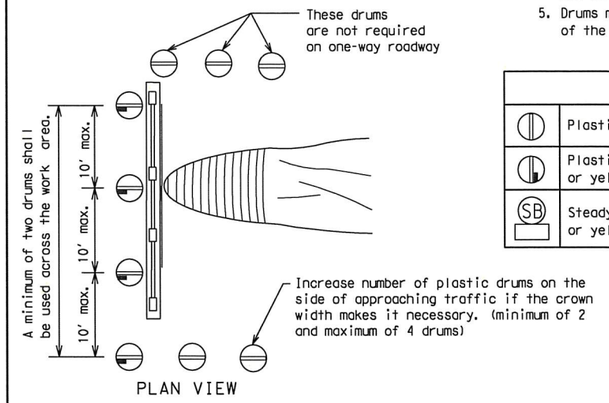
1. Signs should be mounted on independent supports at a 7 foot mounting height in center of roadway. The signs should be a minimum of 10 feet behind Type 3 Barricades.
2. Advance signing shall be as specified elsewhere in the plans.

TYPE 3 BARRICADE (POST AND SKID) TYPICAL APPLICATION



PERSPECTIVE VIEW

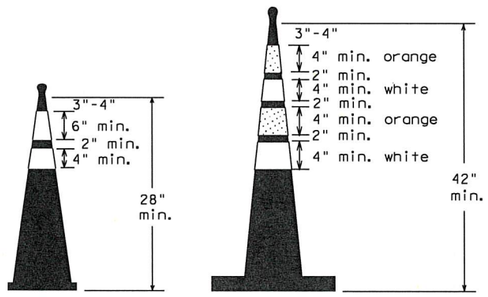
1. Where positive redirectional capability is provided, drums may be omitted.
2. Plastic construction fencing may be used with drums for safety as required in the plans.
3. Vertical Panels on flexible support may be substituted for drums when the shoulder width is less than 4 feet.
4. When the shoulder 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.



LEGEND	
	Plastic drum
	Plastic drum with steady burn light or yellow warning reflector
SB	Steady burn warning light or yellow warning reflector

PLAN VIEW

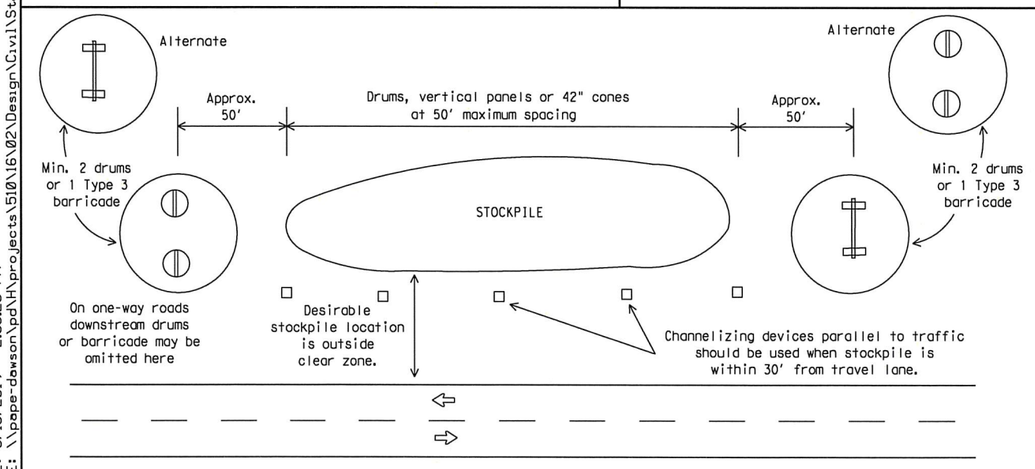
CULVERT WIDENING OR OTHER ISOLATED WORK WITHIN THE PROJECT LIMITS



28" Cones shall have a minimum weight of 9 1/2 lbs.

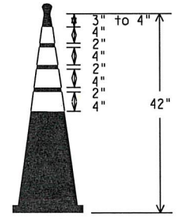
42" 2-piece cones shall have a minimum weight of 30 lbs. including base.

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.

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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.

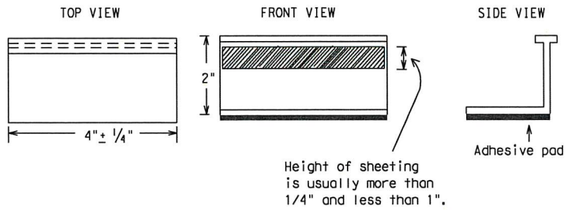
MAINTAINING WORK ZONE PAVEMENT MARKINGS

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).

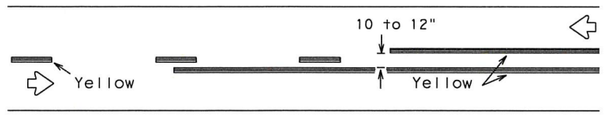
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BARRICADE AND CONSTRUCTION PAVEMENT MARKINGS

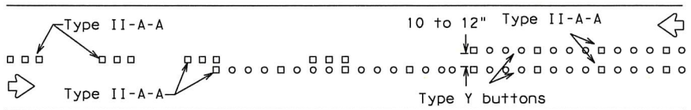
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11-02 8-14				
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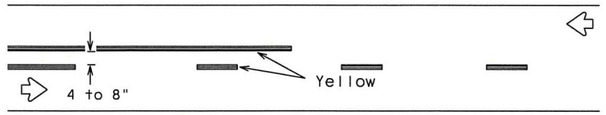
PAVEMENT MARKING PATTERNS



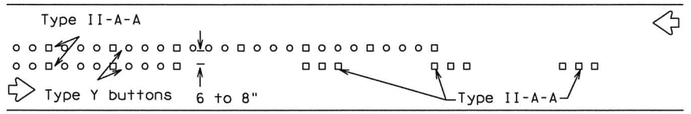
REFLECTORIZED PAVEMENT MARKINGS - PATTERN A



RAISED PAVEMENT MARKERS - PATTERN A



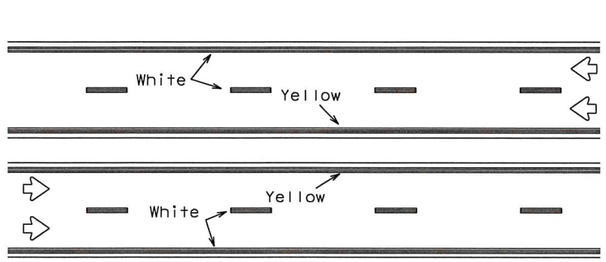
REFLECTORIZED PAVEMENT MARKINGS - PATTERN B



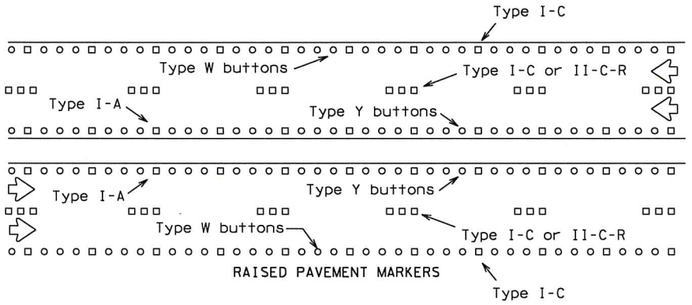
RAISED PAVEMENT MARKERS - PATTERN B

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



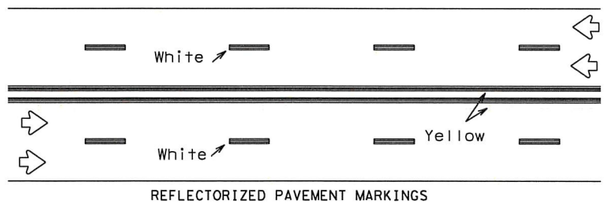
REFLECTORIZED PAVEMENT MARKINGS



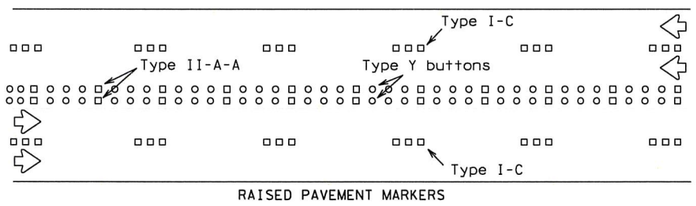
RAISED PAVEMENT MARKERS

Prefabricated markings may be substituted for reflectorized pavement markings.

EDGE & LANE LINES FOR DIVIDED HIGHWAY



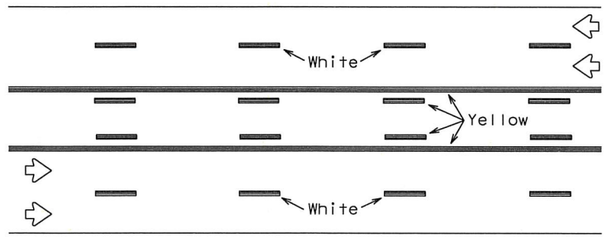
REFLECTORIZED PAVEMENT MARKINGS



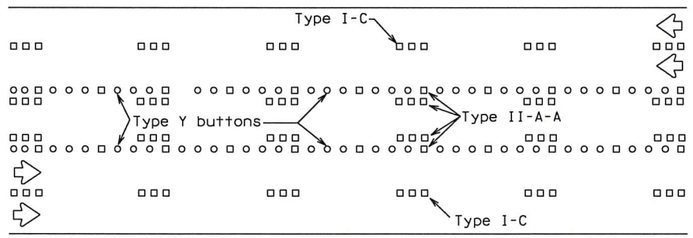
RAISED PAVEMENT MARKERS

Prefabricated markings may be substituted for reflectorized pavement markings.

LANE & CENTER LINES FOR MULTILANE UNDIVIDED HIGHWAYS



REFLECTORIZED PAVEMENT MARKINGS



RAISED PAVEMENT MARKERS

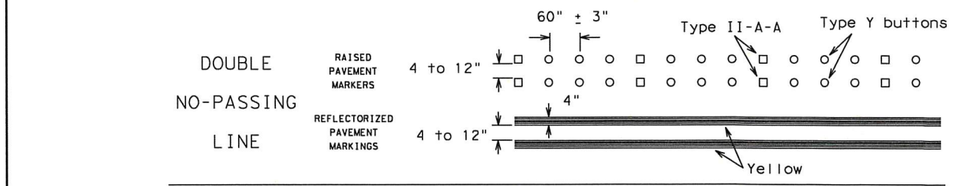
Prefabricated markings may be substituted for reflectorized pavement markings.

TWO-WAY LEFT TURN LANE

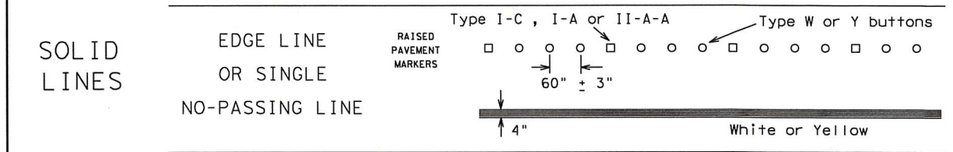
STANDARD WORK ZONE PAVEMENT MARKINGS DETAILS

SOLID LINES

DOUBLE NO-PASSING LINE

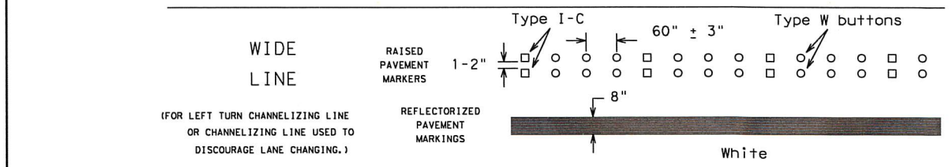


EDGE LINE OR SINGLE NO-PASSING LINE



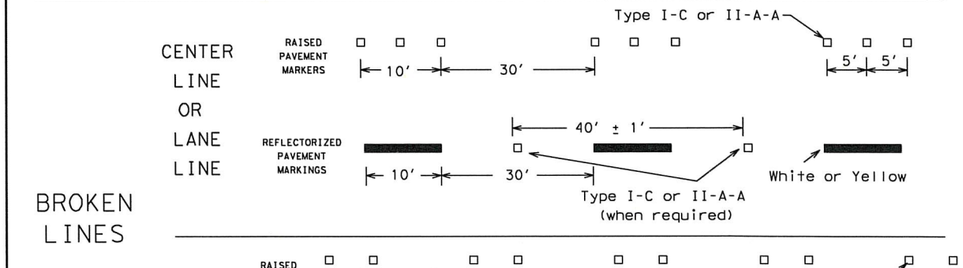
WIDE LINE

(FOR LEFT TURN CHANNELIZING LINE OR CHANNELIZING LINE USED TO DISCOURAGE LANE CHANGING.)

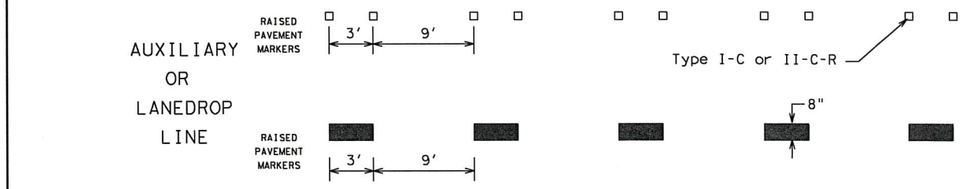


BROKEN LINES

CENTER LINE OR LANE LINE

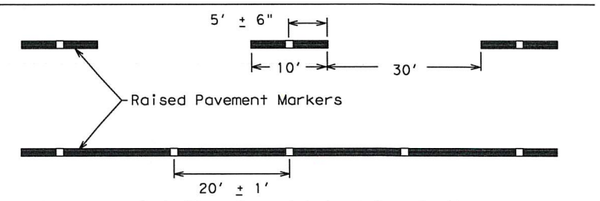


AUXILIARY OR LANEDROP LINE



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

FILE: bc-14.dgn	DN: TxDOT	CK: TxDOT	DW: TxDOT	CK: TxDOT
©TxDOT February 1998	CONT	SECT	JOB	HIGHWAY
REVISIONS				LIMESTONE
1-97 9-07	DIST	COUNTY		SHEET NO.
2-98 7-13		WILLIAMSON		327
11-02 8-14				

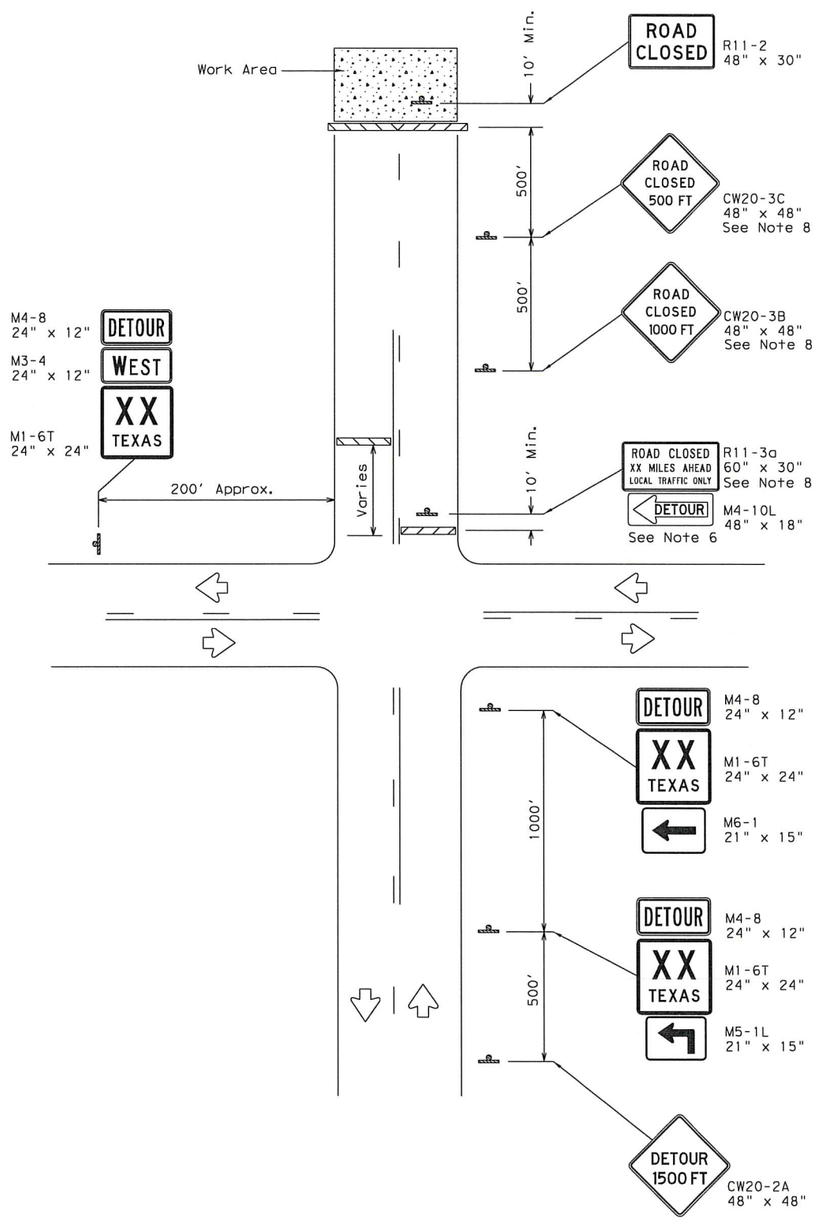
106

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DATE: 3/18/2019 2:38:26 PM
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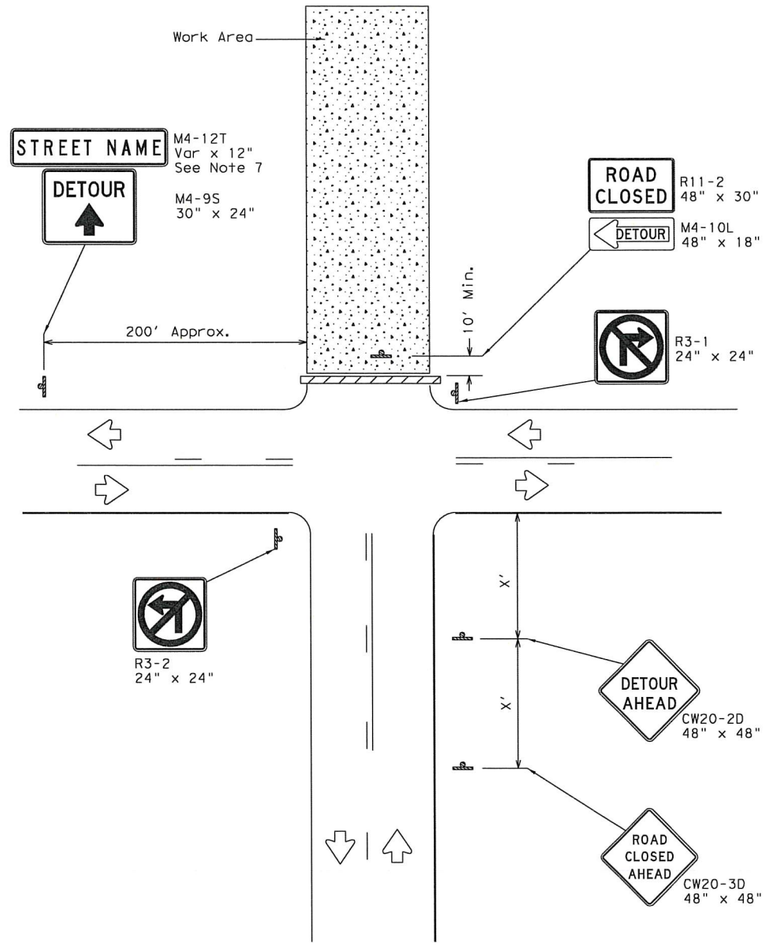
DISCLAIMER:
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ROAD CLOSURE BEYOND THE INTERSECTION

Signing for a Numbered Route with an Off-Site Detour



ROAD CLOSURE AT THE INTERSECTION

Signing for an Un-numbered Route with an Off-Site Detour

LEGEND	
	Type 3 Barricade
	Sign

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

GENERAL NOTES

1. This sheet is intended to provide details for temporary work zone road closures. For permanent road closure details see the D&OM standards.
2. Barricades used shall meet the requirements shown on Barricade and Construction Standard BC(10) and listed on the Compliant Work Zone Traffic Control Devices list (CWZTCD).
3. Stockpiled materials shall not be placed on the traffic side of barricades.
4. Barricades at the road closure should extend from pavement edge to pavement edge.
5. Detour signing shown is intended to illustrate the type of signing that is appropriate for numbered routes or un-numbered routes as labeled. It does not indicate the full extent of detour signing required. Detour routes should be signed as shown elsewhere in the plans.
6. If the road is open for a significant distance beyond the intersection or there are significant origin/destination points beyond the intersection, the signs and barricades at this location should be located at the edge of the traveled way.
7. The Street Name (M4-12T) sign is to be placed above the DETOUR (M4-9S) sign.
8. For urban areas where there is a shorter distance between the intersection and the actual closure location, the ROAD CLOSED XX MILES AHEAD (R11-3a) sign may be replaced with a ROAD CLOSED TO THRU TRAFFIC (R11-4) sign. If adequate space does not exist between the intersection and the closure a single ROAD CLOSED AHEAD (CW20-3D) sign spaced as per the table above may replace the ROAD CLOSED 1000 FT (CW20-3B) and ROAD CLOSED 500 FT (CW20-3C) signs.
9. Signs and barricades shown shall be subsidiary to Item 502. Locations where these details will be required shall be as shown elsewhere in the plans.

Texas Department of Transportation

Traffic Operations Division Standard

WORK ZONE ROAD CLOSURE DETAILS

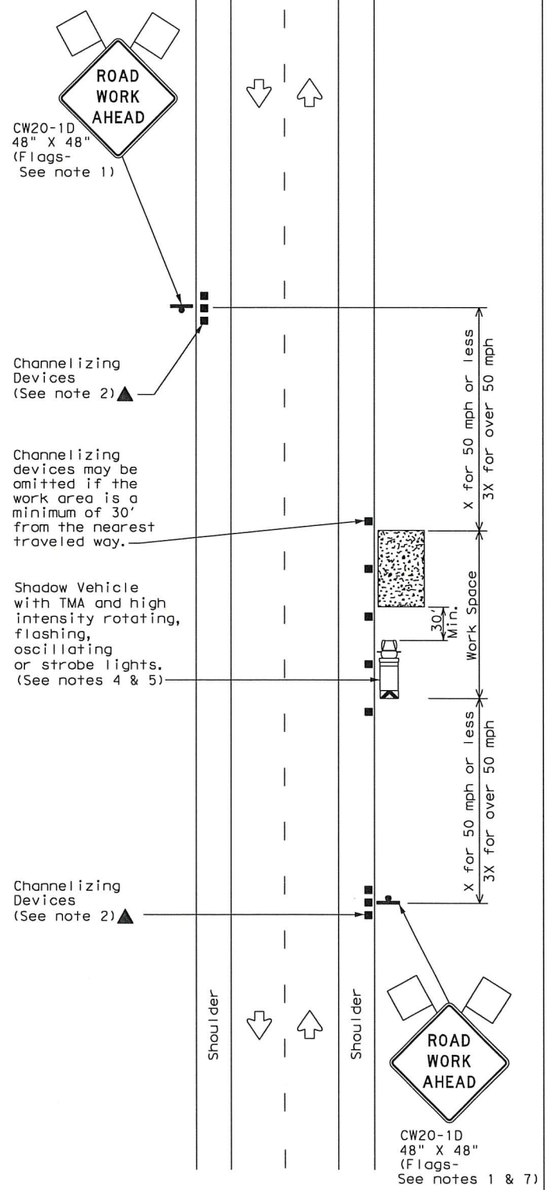
WZ(RCD)-13

FILE: wzrcd-13.dgn	DN: TxDOT	CK: TxDOT	DW: TxDOT	CK: TxDOT
© TxDOT August 1995	CONT	SECT	JOB	HIGHWAY
REVISIONS				LIMESTONE
1-97 4-98 7-13	DIST	COUNTY		SHEET NO.
2-98 3-03		WILLIAMSON		378

113

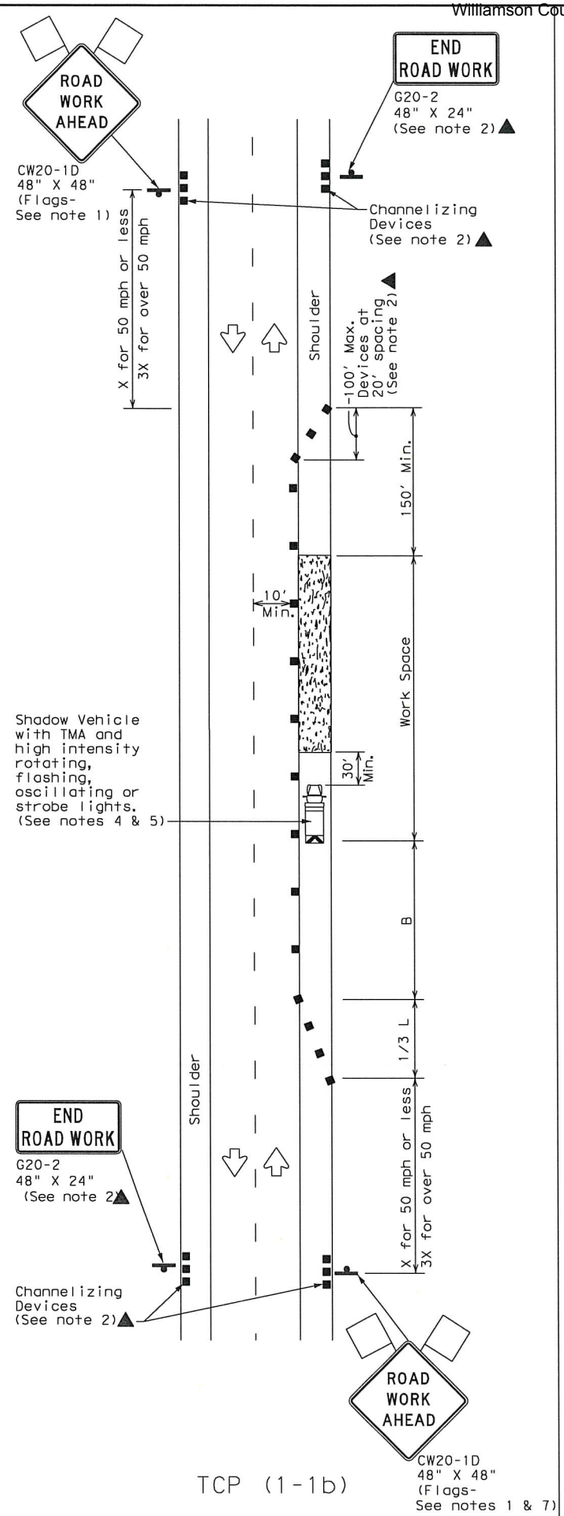
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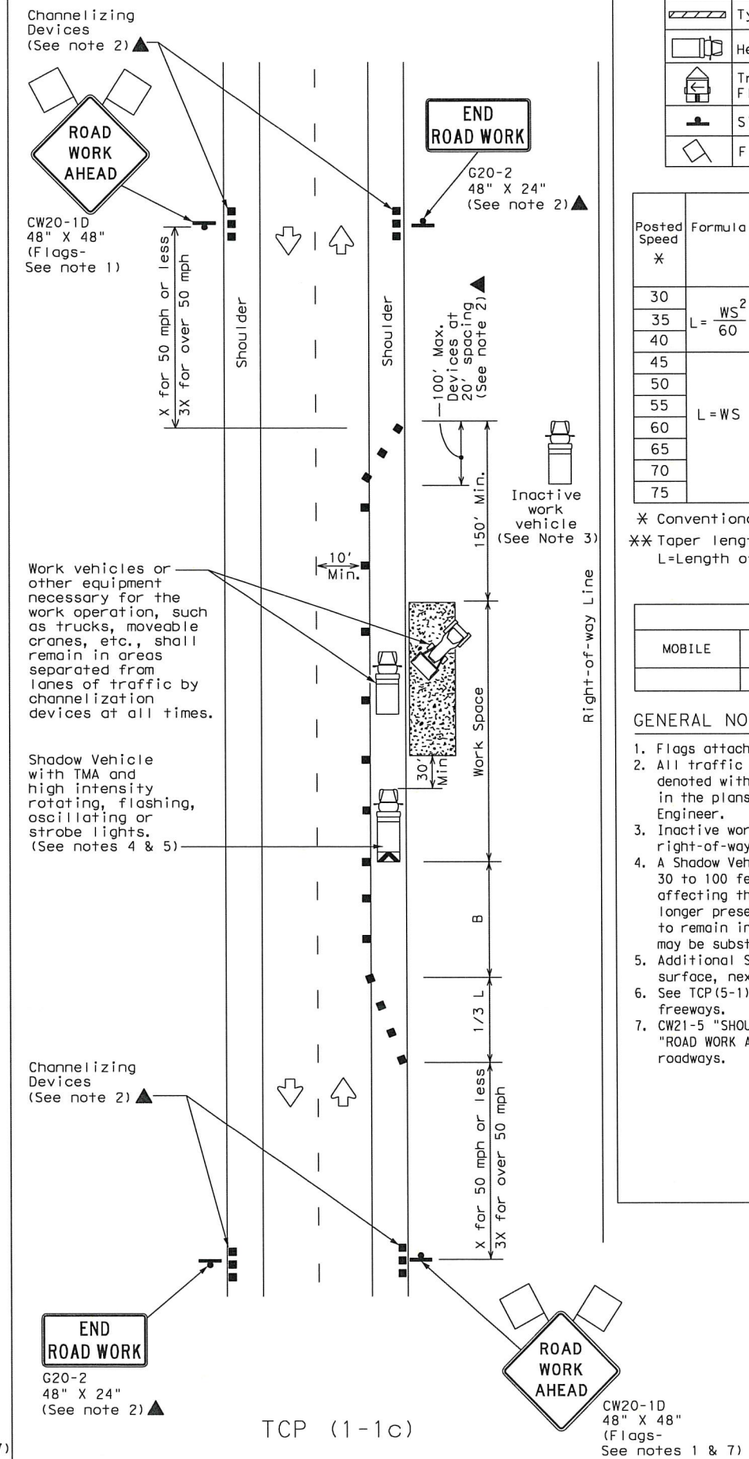
TCP (1-1a)

WORK SPACE NEAR SHOULDER
Conventional Roads



TCP (1-1b)

WORK SPACE ON SHOULDER
Conventional Roads



TCP (1-1c)

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 elsewhere in the plans, or for routine maintenance work, when approved by the Engineer.
3. Inactive work vehicles or other equipment should be parked near the right-of-way line and not parked on the paved shoulder.
4. 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 wider work spaces.
6. See TCP(5-1)for shoulder work on divided highways, expressways and freeways.
7. CW21-5 "SHOULDER WORK" signs may be used in place of CW20-1D "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

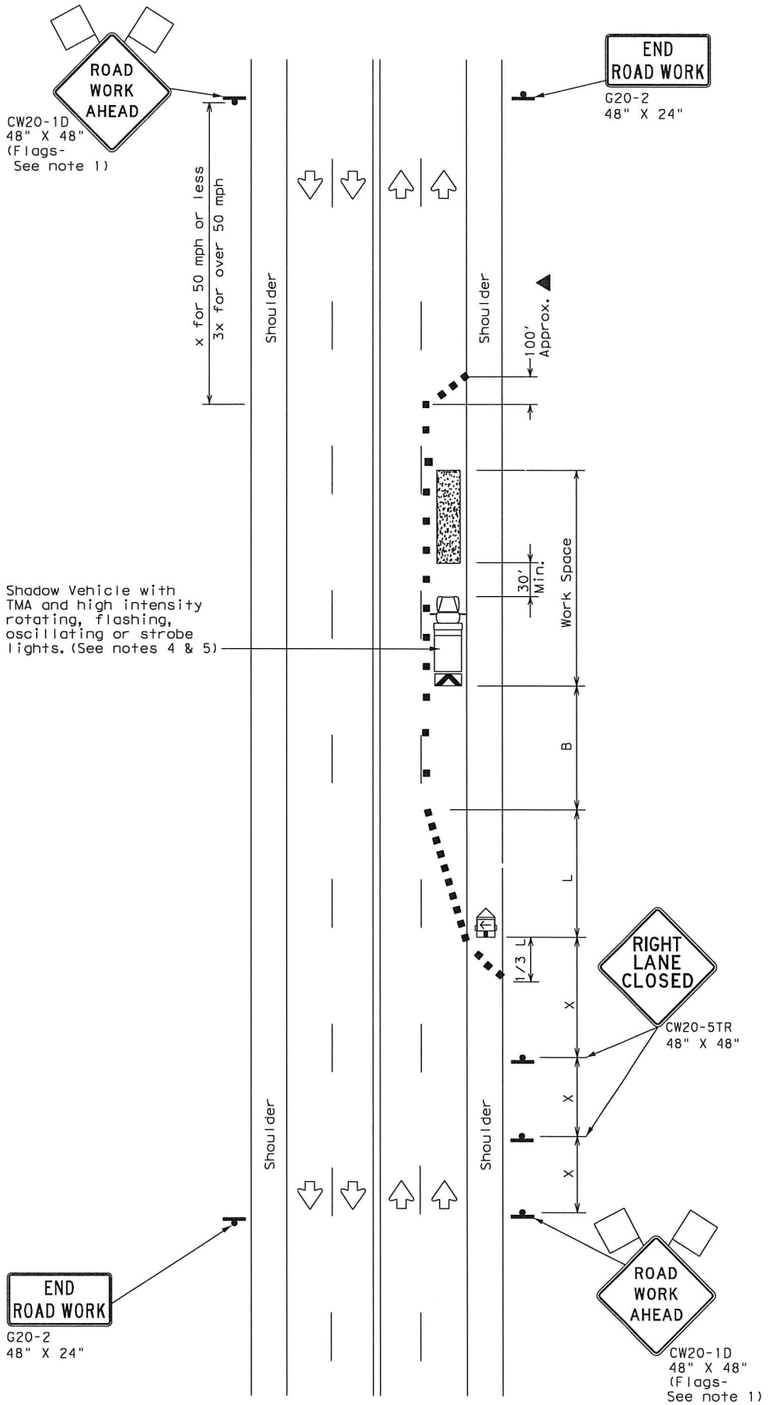
TCP(1-1)-18

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©TxDOT December 1985	CONT	SECT	JOB	HIGHWAY
REVISIONS 2-94 4-98 8-95 2-12 1-97 2-18				LIMESTONE
	DIST	COUNTY		SHEET NO.
		WILLIAMSON		3479

151

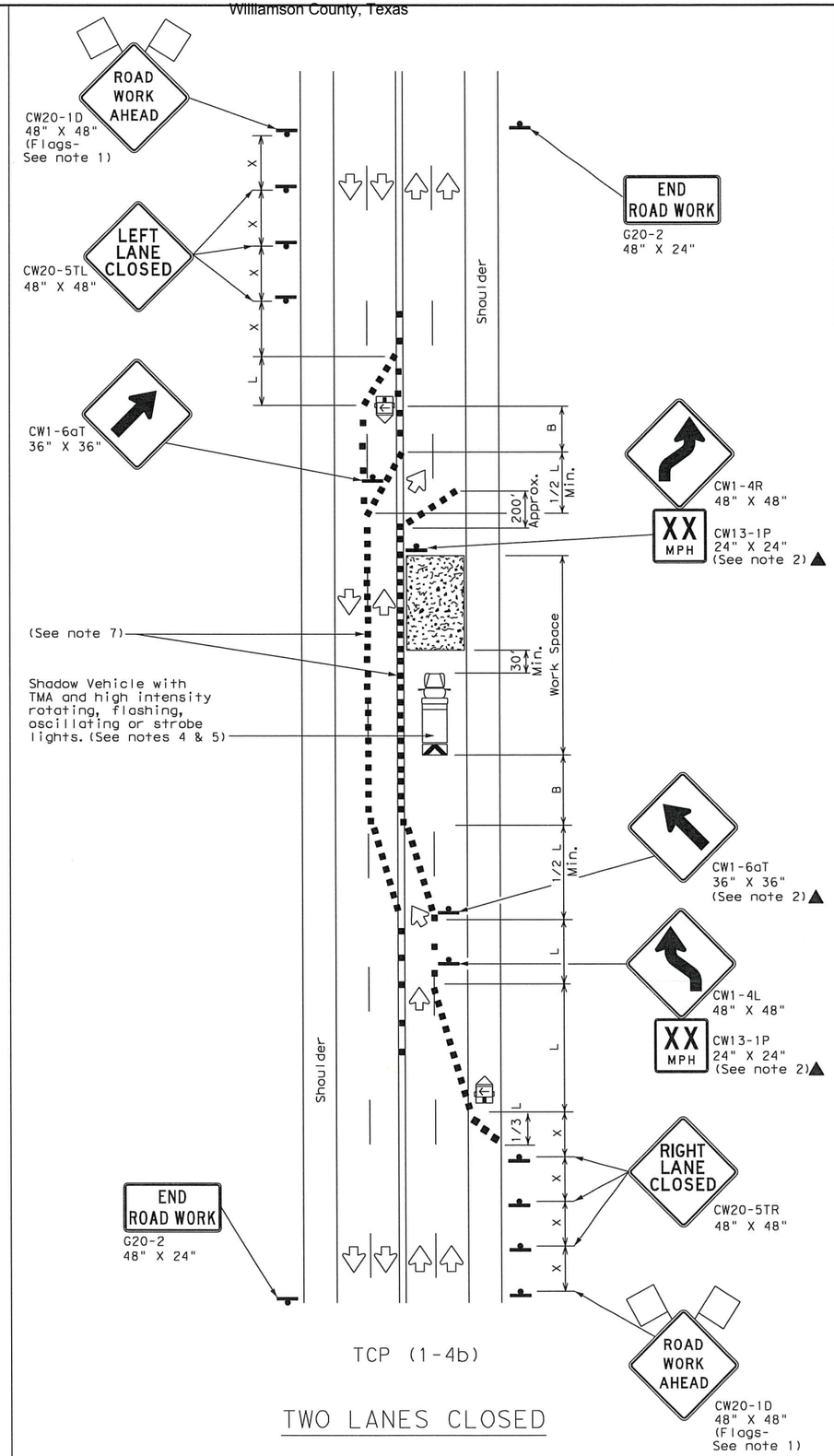
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TCP (1-4a)

ONE LANE CLOSED



TCP (1-4b)

TWO LANES CLOSED

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 elsewhere in the plans, or for routine maintenance work, when approved by the Engineer.
3. The CW20-1D "ROAD WORK AHEAD" sign may be repeated if the visibility of the work zone is less than 1500 feet.
4. 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 wider work spaces.

TCP (1-4a)

6. 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 where needed to protect the work space from opposing traffic with the arrow panel placed in the closed lane near the end of the merging taper.

TCP (1-4b)

7. 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 1/2S where S is the speed in mph. This tighter device spacing is intended for the areas of conflicting markings, not the entire work zone.

Texas Department of Transportation | *Traffic Operations Division Standard*

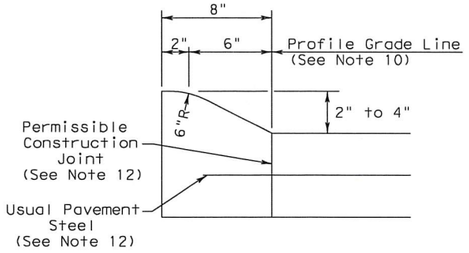
TRAFFIC CONTROL PLAN LANE CLOSURES ON MULTILANE CONVENTIONAL ROADS

TCP(1-4)-18

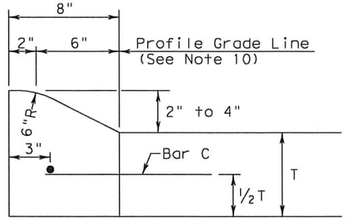
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©TxDOT December 1985	CONT	SECT	JOB	HIGHWAY
REVISIONS 2-94 4-98 / 8-95 2-12 / 1-97 2-18				LIMESTONE
	DIST	COUNTY		SHEET NO.
		WILLIAMSON		154

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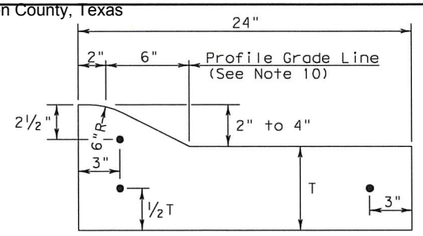
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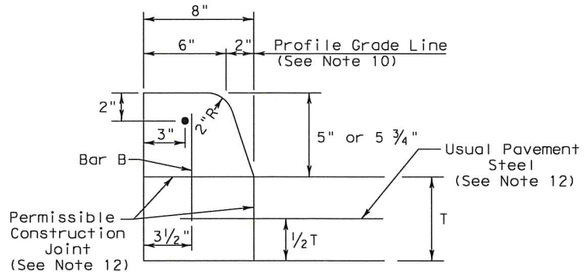
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2" - 4" HEIGHT



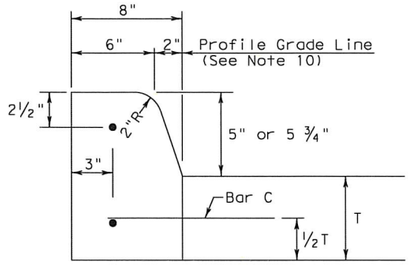
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2" - 4" HEIGHT



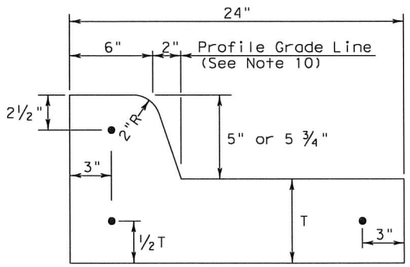
TYPE I CURB AND GUTTER
2" - 4" HEIGHT



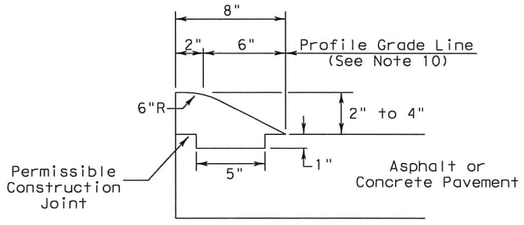
TYPE II CURB (MONOLITHIC)
5" - 5 ¾" HEIGHT



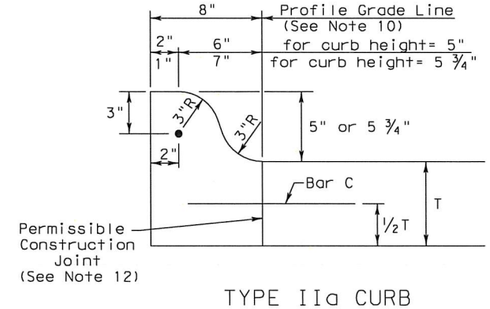
TYPE II CURB
5" - 5 ¾" HEIGHT



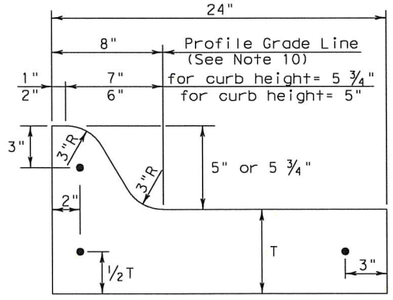
TYPE II CURB AND GUTTER
5" - 5 ¾" HEIGHT



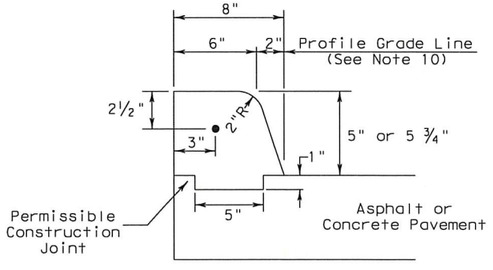
TYPE III CURB (KEYED)
2" - 4" HEIGHT



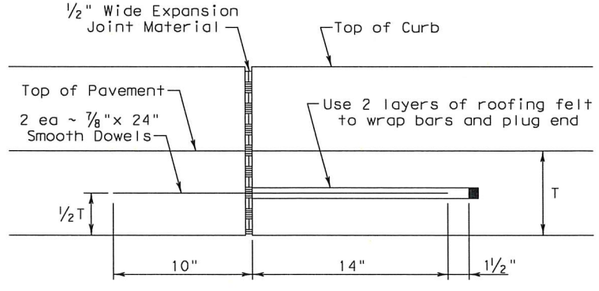
TYPE IIa CURB
5" - 5 ¾" HEIGHT



TYPE IIa CURB AND GUTTER
5" - 5 ¾" HEIGHT

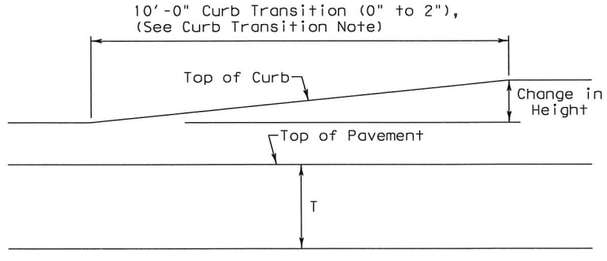


TYPE IV CURB (KEYED)
5" - 5 ¾" HEIGHT



EXPANSION JOINT DETAIL

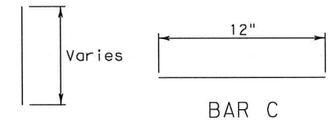
Curb Transition Note:
Field conditions may require a longer or shorter transition, and shall be shown elsewhere in the plans, or as directed by the Engineer.



CURB TRANSITION
Note: To be paid for as Highest Curb

General Notes

1. All materials and construction shall be in accordance with Item 529, "Concrete Curb, Gutter, and Combined Curb and Gutter."
2. Concrete shall be Class A.
3. When reinforcing bars are used, they shall be No. 4 unless otherwise shown. The use of synthetic fiber in lieu of steel reinforcing is acceptable, provided the fiber producer is on the Department Producer List (MPL), maintained by TxDOT, Construction Division.
4. Round exposed sharp edges with a rounding tool, to a minimum radius of ¼ inch.
5. All existing curbs and driveways to be removed shall be sawed or removed at existing joints.
6. Where concrete curb is placed on existing concrete pavement, the pavement shall be drilled and the reinforcing bars grouted in place.
7. Expansion and contraction joints shall be constructed to match pavement joints in all curbs and curb and gutter adjacent to jointed concrete pavement. Where placement of curb or curb and gutter is not adjacent to concrete pavement, expansion joints shall be provided at structures, curb returns at streets, and at locations directed by The Engineer.
8. Vertical and horizontal dowel bars and transverse reinforcing bars shall be placed at four feet C~C.
9. Dimension 'T' shown is the thickness of concrete pavement. When curb is installed adjacent to flexible pavement dimension 'T' is 8" maximum.
10. Usual profile grade line. Refer to typical sections and plan-profile sheets for exact locations.
11. One-half inch expansion joint material shall be provided where curb or curb and gutter is adjacent to sidewalk or riprap.
12. When vertical permissible construction joints are used, resulting in a longitudinal construction joint in the pavement, the longitudinal pavement steel shall be placed in accordance with pavement details shown elsewhere in the plans for longitudinal construction joints. Reinforcing steel for curb section shall then conform to that required for concrete curb.



BAR B BAR C

Texas Department of Transportation — Design Division Standard

CONCRETE CURB AND CURB AND GUTTER

CCCG-12

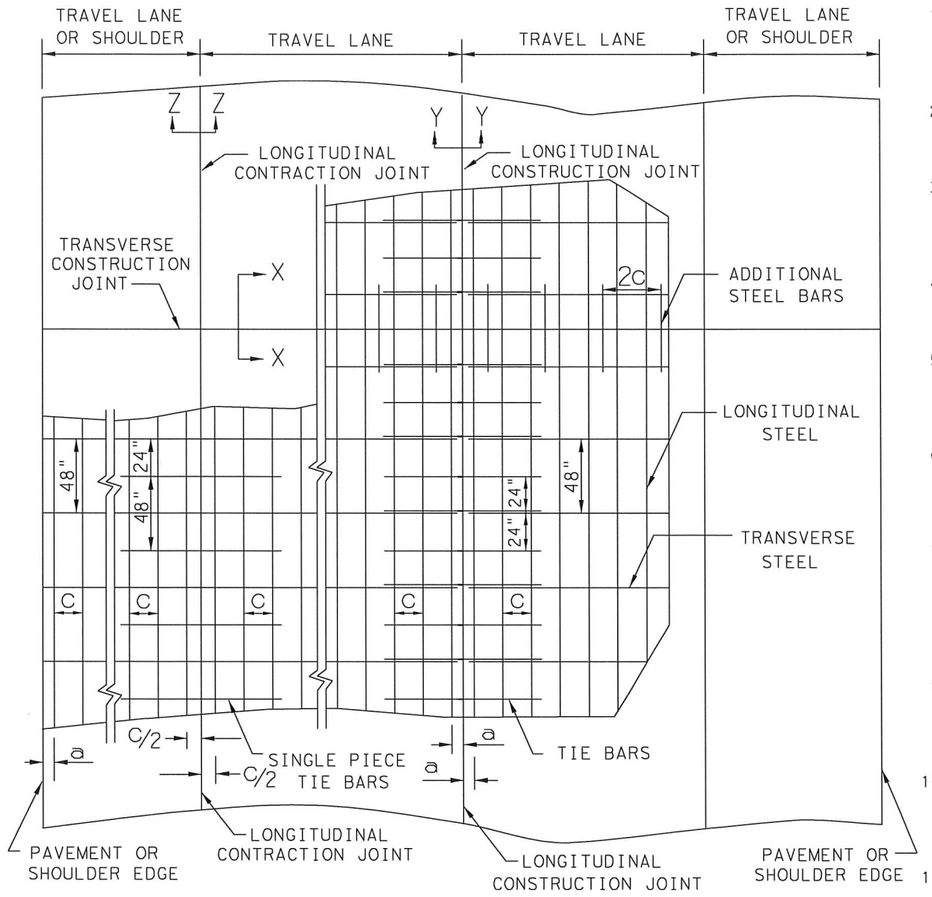
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©TxDOT: 1995	CONT	SECT	JOB	HIGHWAY	
REVISIONS UPDATED 2012 - VP				LIMESTONE	
	DIST	COUNTY		SHEET NO.	
		WILLIAMSON		361	

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TABLE NO. 1 LONGITUDINAL STEEL					
SLAB THICKNESS AND BAR SIZE		REGULAR STEEL BARS	FIRST SPACING AT EDGE OR JOINT	ADDITIONAL STEEL BARS AT TRANSVERSE CONSTRUCTION JOINT (SECTION X-X)	
T (IN.)	BAR SIZE	SPACING c (IN.)	SPACING a (IN.)	SPACING 2 X c (IN.)	LENGTH L (IN.)
7.0	#5	6.5	3 TO 4	13	50
7.5	#5	6.0	3 TO 4	12	50
8.0	#6	9.0	3 TO 4	18	50
8.5	#6	8.5	3 TO 4	17	50
9.0	#6	8.0	3 TO 4	16	50
9.5	#6	7.5	3 TO 4	15	50
10.0	#6	7.0	3 TO 4	14	50
10.5	#6	6.75	3 TO 4	13.5	50
11.0	#6	6.5	3 TO 4	13	50
11.5	#6	6.25	3 TO 4	12.5	50
12.0	#6	6.0	3 TO 4	12	50
12.5	#6	5.75	3 TO 4	11.5	50
13.0	#6	5.5	3 TO 4	11	50

TABLE NO. 2 TRANSVERSE STEEL AND TIE BARS						
SLAB THICKNESS (IN.)	TRANSVERSE STEEL		TIE BARS AT LONGITUDINAL CONTRACTION JOINT (SECTION Z-Z)		TIE BARS AT LONGITUDINAL CONSTRUCTION JOINT (SECTION Y-Y)	
	BAR SIZE	SPACING (IN.)	BAR SIZE	SPACING (IN.)	BAR SIZE	SPACING (IN.)
7.0 - 7.5	#5	48	#5	48	#5	24
8.0 - 13.0	#5	48	#6	48	#6	24

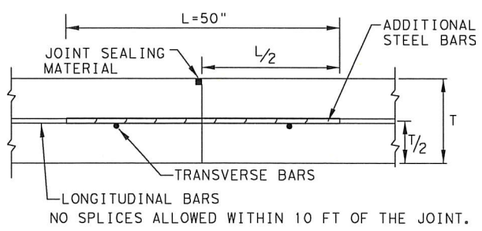


TYPICAL PAVEMENT LAYOUT

PLAN VIEW (NOT TO SCALE)

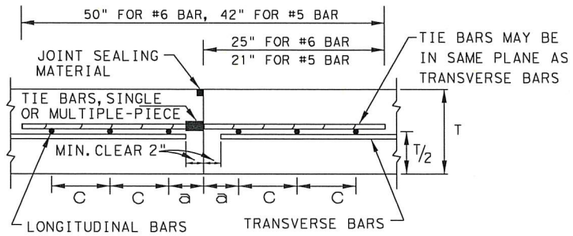
GENERAL NOTES

1. DETAILS FOR PAVEMENT WIDTH, PAVEMENT THICKNESS AND THE CROWN CROSS-SLOPE SHALL BE SHOWN ELSEWHERE IN THE PLANS. PAVEMENTS WIDER THAN 100 FT. WITHOUT A FREE LONGITUDINAL JOINT ARE NOT COVERED BY THIS STANDARD.
2. USE COARSE AGGREGATES WITH A RATED COEFFICIENT OF THERMAL EXPANSION (CoTE) OF NOT MORE THAN 5.5 X 10 IN/IN/ °F AS LISTED IN THE CONCRETE RATED SOURCE QUALITY CATALOG (CRSQC).
3. ALL THE REINFORCING STEEL AND TIE BARS SHALL BE DEFORMED STEEL BARS CONFORMING TO ASTM A 615 (GRADE 60) OR ASTM A 996 (GRADE 60) OR ABOVE. STEEL BAR SIZES AND SPACINGS SHALL CONFORM TO TABLE NO. 1 AND TABLE NO. 2.
4. WHEN COARSE AGGREGATE WITH A RATED CoTE OF NOT MORE THAN 4.3 X 10 IN/IN/ °F IS USED, TABLE NO. 1A MAY BE USED FOR LONGITUDINAL STEEL AS APPROVED BY THE ENGINEER.
5. STEEL BAR PLACEMENT TOLERANCE SHALL BE +/- 1 IN. HORIZONTALLY AND +/- 0.5 IN. VERTICALLY. CALCULATED AVERAGE BAR SPACING (CONCRETE PLACEMENT WIDTH / NUMBER OF LONGITUDINAL BARS) SHALL CONFORM TO TABLE NO. 1 OR TABLE NO. 1A.
6. PAVEMENT WIDTHS OF MORE THAN 15 FT. SHALL HAVE A LONGITUDINAL JOINT (SECTION Z-Z OR SECTION Y-Y). THESE JOINTS SHALL BE LOCATED WITHIN 6 IN. OF THE LANE LINE UNLESS THE JOINT LOCATION IS SHOWN ELSEWHERE ON THE PLANS.
7. THE SAW CUT DEPTH FOR THE LONGITUDINAL CONTRACTION JOINT (SECTION Z-Z) SHALL BE ONE THIRD OF THE SLAB THICKNESS (T/3).
8. WHEN TYING CONCRETE GUTTER AT A LONGITUDINAL JOINT, THE TIE BAR LENGTH OR POSITION MAY BE ADJUSTED. PROVIDE 3 IN. OF CONCRETE COVER FROM THE BACK OF GUTTER TO THE END OF TIE BAR.
9. REPLACE MISSING OR DAMAGED TIE BARS WITHOUT ADDITIONAL COMPENSATION BY DRILLING MIN. 10 IN. DEEP AND GROUTING TIE BARS WITH TYPE III, CLASS C EPOXY. MEET THE PULL-OUT TEST REQUIREMENTS IN ITEM 361.
10. OMIT TIE BARS LOCATED WITHIN 18-IN. OF THE TRANSVERSE CONSTRUCTION JOINTS (SECTION X-X). USE HAND-OPERATED IMMERSION VIBRATORS TO CONSOLIDATE THE CONCRETE ADJACENT TO ALL FORMED JOINTS.
11. LONGITUDINAL REINFORCING STEEL SPLICES SHALL BE A MINIMUM OF 25 IN. STAGGER THE LAP LOCATIONS SO THAT NO MORE THAN 1/3 OF THE LONGITUDINAL STEEL IS SPLICED IN ANY GIVEN 12-FT. WIDTH AND 2-FT. LENGTH OF THE PAVEMENT.
12. THE DETAIL FOR THE JOINT SEALANT AND RESERVOIR IS SHOWN ON STANDARD SHEET "CONCRETE PAVING DETAILS, JOINT SEALS."



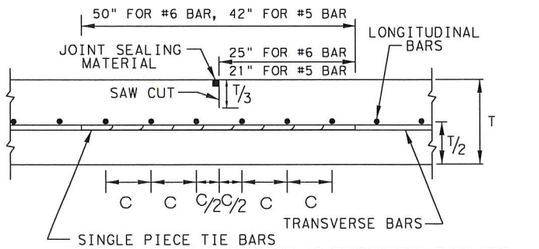
TRANSVERSE CONSTRUCTION JOINT

SECTION X - X



LONGITUDINAL CONSTRUCTION JOINT

SECTION Y - Y



LONGITUDINAL CONTRACTION JOINT

SECTION Z - Z

SHEET 1 OF 2

Texas Department of Transportation | Design Division Standard

CONTINUOUSLY REINFORCED CONCRETE PAVEMENT

ONE LAYER STEEL BAR PLACEMENT
T - 7 to 13 INCHES

CRCP(1)-17

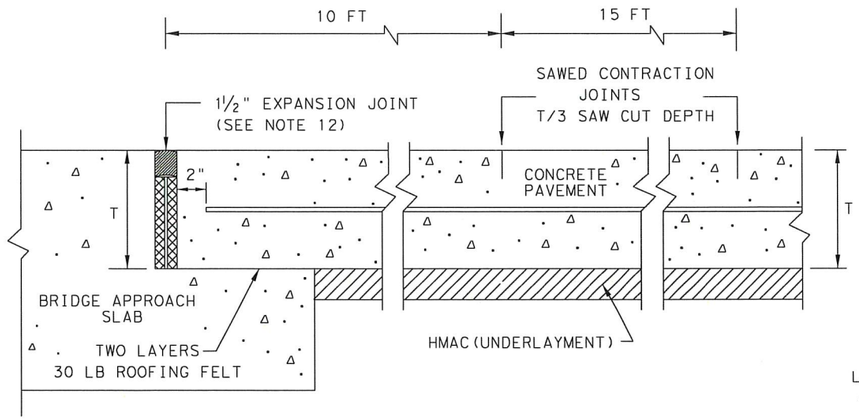
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©TxDOT: May 2017	CONT	SECT	JOB	HIGHWAY
REVISIONS				LIMESTONE
10/10/2011 ADD GN #12	DIST	COUNTY		SHEET NO.
04/09/2013 REMOVE 6" AND 6.5" ADD CTE REQUIREMENTS		WILLIAMSON		3.782
05/05/2017 CoTE AS RATED 4.3				

4/17/2019 7:07 AM

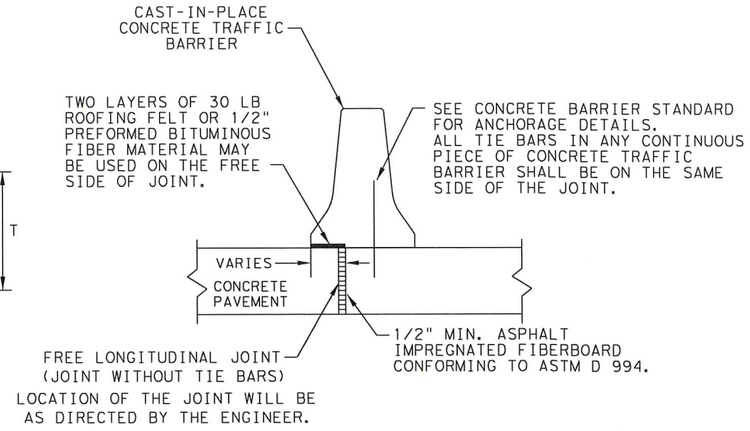
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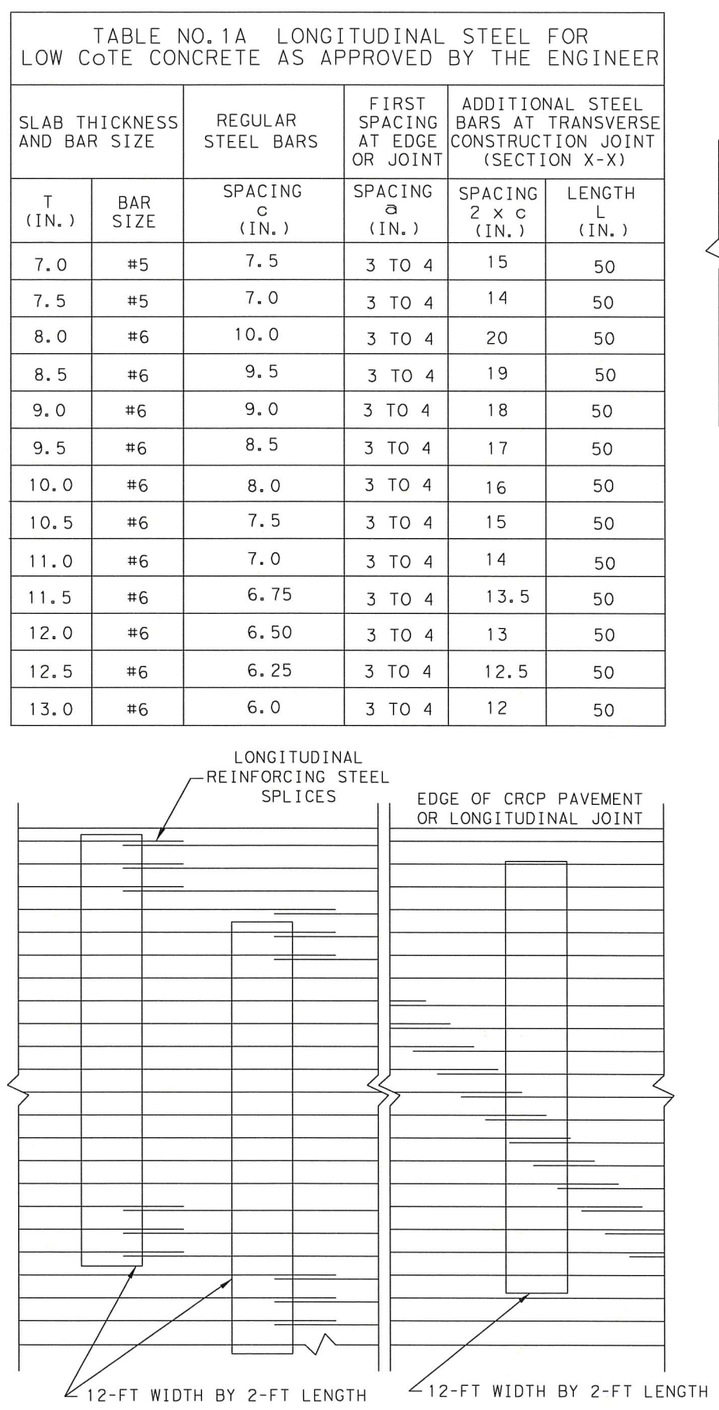
TABLE NO. 1A LONGITUDINAL STEEL FOR LOW CoTE CONCRETE AS APPROVED BY THE ENGINEER					
SLAB THICKNESS AND BAR SIZE		REGULAR STEEL BARS	FIRST SPACING AT EDGE OR JOINT	ADDITIONAL STEEL BARS AT TRANSVERSE CONSTRUCTION JOINT (SECTION X-X)	
T (IN.)	BAR SIZE	SPACING c (IN.)	SPACING a (IN.)	SPACING 2 x c (IN.)	LENGTH L (IN.)
7.0	#5	7.5	3 TO 4	15	50
7.5	#5	7.0	3 TO 4	14	50
8.0	#6	10.0	3 TO 4	20	50
8.5	#6	9.5	3 TO 4	19	50
9.0	#6	9.0	3 TO 4	18	50
9.5	#6	8.5	3 TO 4	17	50
10.0	#6	8.0	3 TO 4	16	50
10.5	#6	7.5	3 TO 4	15	50
11.0	#6	7.0	3 TO 4	14	50
11.5	#6	6.75	3 TO 4	13.5	50
12.0	#6	6.50	3 TO 4	13	50
12.5	#6	6.25	3 TO 4	12.5	50
13.0	#6	6.0	3 TO 4	12	50



TRANSVERSE EXPANSION JOINT DETAIL
AT BRIDGE APPROACH

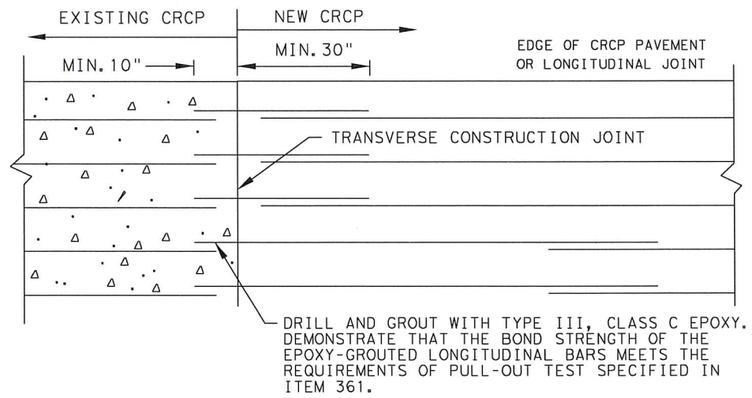


FREE LONGITUDINAL JOINT DETAIL

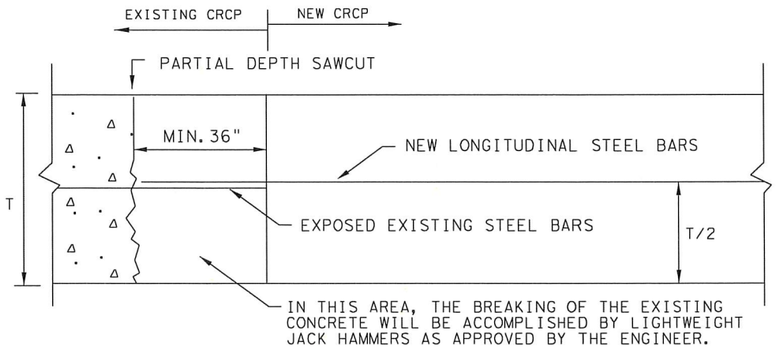


STAGGER THE LAP LOCATIONS SO THAT NO MORE THAN 1/3 OF THE LONGITUDINAL STEEL IS SPLICED IN ANY GIVEN 12-FT. WIDTH AND 2-FT. LENGTH OF THE PAVEMENT. ANY OTHER LAP CONFIGURATION MEETING THIS REQUIREMENT WILL BE ALLOWED.

EXAMPLES OF LAP CONFIGURATION
PLAN VIEW (NOT TO SCALE)

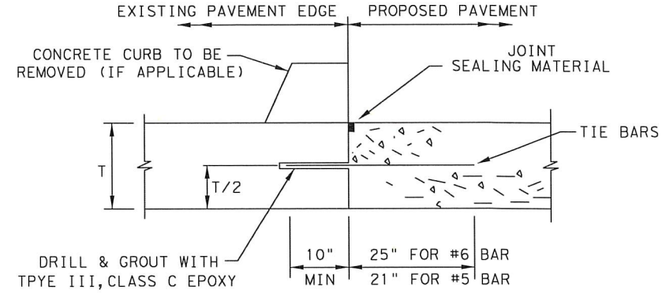


OPTION A: DRILL AND EPOXY
PLAN VIEW (NOT TO SCALE)



OPTION B: BREAKBACK AND LAP

TRANSVERSE TIE JOINT DETAIL
EXISTING CRCP TO NEW CRCP



1. BEFORE WIDENING WORK, DEMONSTRATE THAT THE BOND STRENGTH OF THE EPOXY-GROUTED TIE BARS MEETS THE REQUIRMENTS OF PULL-OUT TEST SPECIFIED IN ITEM 361.
2. SPACE TIE BARS AT 24" SPACING. USE #6 TIE BARS FOR 8" AND THICKER SLABS, USE #5 TIE BARS FOR LESS THAN 8" THICK SLABS.

LONGITUDINAL WIDENING JOINT DETAIL

SHEET 2 OF 2

Texas Department of Transportation — Design Division Standard

CONTINUOUSLY REINFORCED CONCRETE PAVEMENT

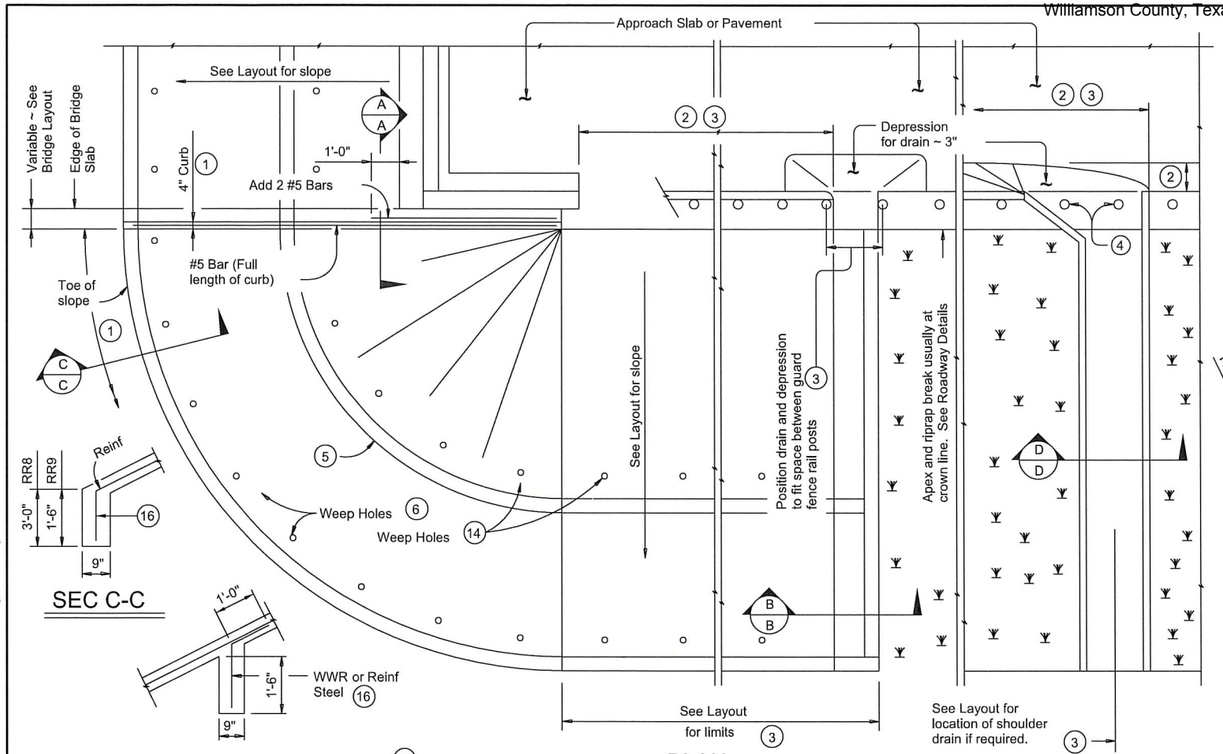
ONE LAYER STEEL BAR PLACEMENT
T - 7 to 13 INCHES

CRCP(1)-17

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©TxDOT: May 2017	CONT	SECT	JOB	HIGHWAY
REVISIONS				LIMESTONE
	DIST	COUNTY		SHEET NO.
		WILLIAMSON		38

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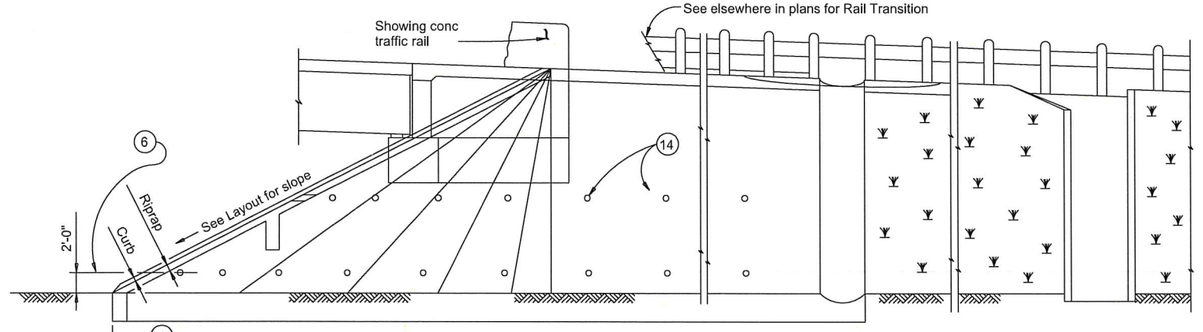
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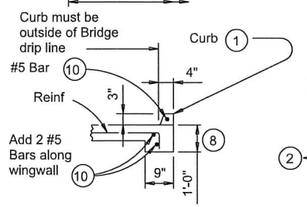
PLAN

SEC C-C

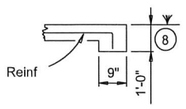
INTERMEDIATE TOEWALL (5)



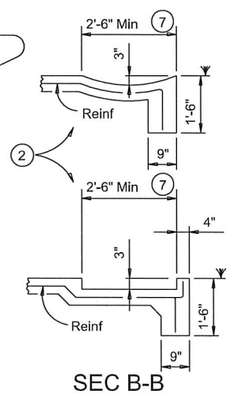
ELEVATION



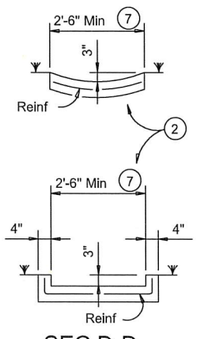
SEC A-A



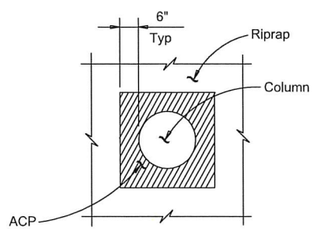
SEC B-B
(No Drain)



SEC B-B
(Shoulder Drain integral with riprap)



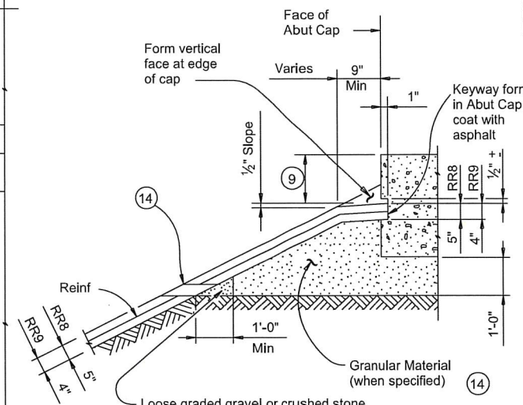
SEC D-D
(Shoulder Drain)



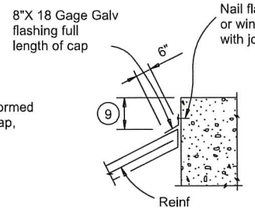
Riprap Blockout to be filled with ACP. (Subsidiary to Riprap)

RIPRAP DETAIL AT COLUMNS

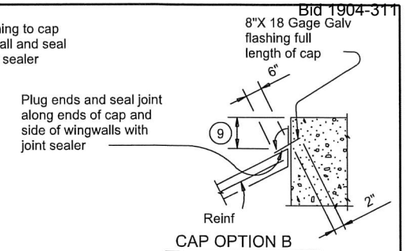
(As directed by the Engineer)



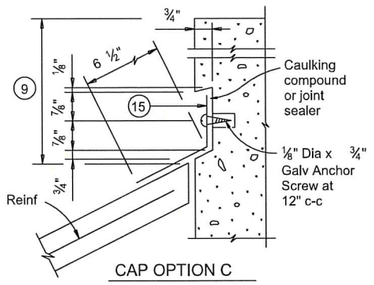
SHOWING KEYWAY OPTION



CAP OPTION A

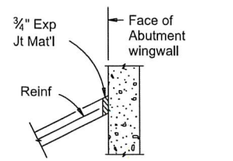


CAP OPTION B

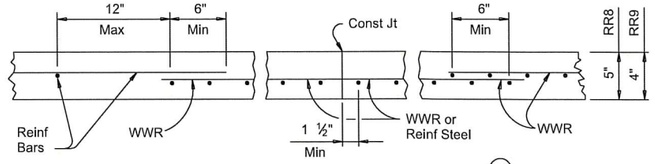


CAP OPTION C

SECTIONS THRU RIPRAP AT CAP (11)



SECT THRU RIPRAP AT WINGWALL (12)



REINFORCEMENT DETAILS (13)

See General Notes for optional sythetic fiber reinforcement.

1. When riprap is shown extended around header on layout, extend slab and toewall as shown and eliminate 4" curb.
2. Limits and configuration of drains and depressions are as shown elsewhere in plans or as directed by the Engineer.
3. Location of shoulder drain must consider limitations imposed by rail transition. Do not locate shoulder drains at expansion joints between approach slab and concrete pavement.
4. See details elsewhere in plans for installation of guard fence posts through concrete riprap.
5. Provide intermediate toewall only when designated elsewhere in the plans or included in the specifications.
6. Provide lower level of 2" Dia weep holes at 10' c-c backed by 1 CF packet of gravel and galvanized hardware cloth at all locations unless directed by the Engineer to eliminate.
7. Use wider or other drain configurations if shown elsewhere in plans or if directed by the Engineer.
8. Wall extension may be reduced or modified if approved by the Engineer. Increase wall extension to 1'-6" whenever the optional intermediate toewall is called for in the plans.
9. Top of cap to top of riprap dimension varies as directed by the Engineer. Should be 9" Min for beam/slab type bridges and 1'-6" for slab span, box beam, or slab beam bridges.
10. #5 bars shown are required even when synthetic fiber reinforcing option is selected.
11. Provide sealing option for joint between the face of cap and riprap as designated by the Engineer or as shown elsewhere on plans.
12. Flashing (shown in Cap Option A) may be used at wingwall in addition to Exp Jt Mat'l if shown on plans or directed by the Engineer.
13. Provide #3 reinforcing bars at 18" Spa c-c. Provide Welded Wire Reinforcement (WWR) as 6x6-D3xD3. Combinations of WWR and reinforcing bars may be used if both are permitted. Use lap splices of a minimum 6 inches, measured from the transverse wire of WWR, and the ends of reinforcing bars.
14. If granular material is specified, provide upper level of 2" Dia weep holes at 10' c-c backed by galvanized hardware cloth.
15. 8" x 18 Gage Galv Sheet Metal
16. Provide WWR or #3 bars, with 1'-0" extension into slope.

GENERAL NOTES:

Provide Class "B" concrete with a minimum compressive strength of 2,000 psi unless noted elsewhere in plans.

Provide Grade 60 reinforcing steel.

Provide synthetic fibers listed on the "Fibers for Concrete" Material Producer List (MPL) in lieu of steel reinforcing in riprap concrete unless noted otherwise.

Install construction joints or grooved joints extending the full slant slope height at intervals of approximately 20 feet unless otherwise directed by the Engineer.

Hardware cloth, loose grade stone behind weep holes, flashing, or other sealing material are subsidiary to the bid item "Riprap".

Use reinforcing bars, deformed Welded Wire Reinforcing (WWR), or any suitable combination of both types for riprap reinforcing, unless specified elsewhere in the plans.

See Layout for limits of riprap.

RR8 is to be used on stream crossings.

RR9 is to be used on other embankments.

FOR CONTRACTOR'S INFORMATION ONLY:
5" of RR8 = 0.015 CY/SF
4" of RR9 = 0.012 CY/SF
#3 Reinf at 18" c-c = 0.501 Lbs/SF
6x6-D3xD3 = 0.408 Lbs/SF

Texas Department of Transportation

Bridge Division Standard

CONCRETE RIPRAP AND SHOULDER DRAINS
EMBANKMENTS AT BRIDGE ENDS (TYPES RR8 & RR9)

CRR

FILE: crrstde1.dgn	DN: TxDOT	CK: TxDOT	DW: TxDOT	CK: TxDOT
©TxDOT January 2015	CONT	SECT	JOB	HIGHWAY
REVISIONS				LIMESTONE
	DIST	COUNTY		SHEET NO.
		WILLIAMSON		394

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SIGN SUPPORT DESCRIPTIVE CODES

(Descriptive Codes correspond to project estimate and quantities sheets)

SM RD SGN ASSM TY XXXXX(X)XX(X-XXXX)

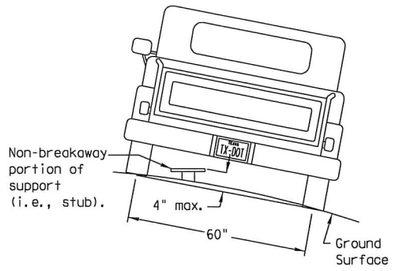
Post Type
- FRP = Fiberglass Reinforced Plastic Pipe (see SMD(FRP))
- TWT = Thin-Walled Tubing (see SMD(TWT))
- 10BWG = 10 BWG Tubing (see SMD(SLIP-1) to (SLIP-3))
- S80 = Schedule 80 Pipe (see SMD(SLIP-1) to (SLIP-3))

Number of Posts (1 or 2)

Anchor Type
- UA = Universal Anchor - Concreted (see SMD(FRP) and (TWT))
- UB = Universal Anchor - Bolted down (see SMD(FRP) and (TWT))
- WS = Wedge Anchor Steel - (see SMD(TWT))
- WP = Wedge Anchor Plastic (see SMD(TWT))
- SA = Slipbase - Concreted (see SMD(SLIP-1) to (SLIP-3))
- SB = Slipbase - Bolted Down (see SMD(SLIP-1) to (SLIP-3))

Sign Mounting Designation
- P = Prefab. "Plain" (see SMD(SLIP-1) to (SLIP-3), (TWT), (FRP))
- T = Prefab. "T" (see SMD(SLIP-1) to (SLIP-3), (TWT))
- U = Prefab. "U" (see SMD(SLIP-1) to (SLIP-3))
- IF REQUIRED
- 1EXT or 2EXT = Number of Extensions (see SMD(SLIP-1) to (SLIP-3), (TWT))
- BM = Extruded Wind Beam (see SMD(SLIP-1) to (SLIP-3))
- WC = 1.12 #/ft Wing Channel (see SMD(SLIP-1) to (SLIP-3))
- EXAL = Extruded Aluminum Sign Panels (see SMD(SLIP-3))

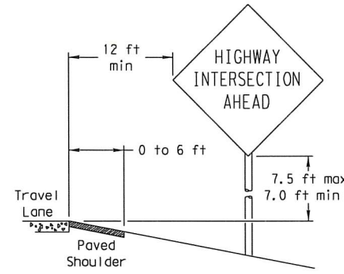
REQUIRED CLEARANCE FOR BREAKAWAY SUPPORT



To avoid vehicle undercarriage snagging, any substantial remains of a breakaway support, when it is broken away, should not project more than 4 inches above a 60-inch chord (i.e., typical space between wheel paths).

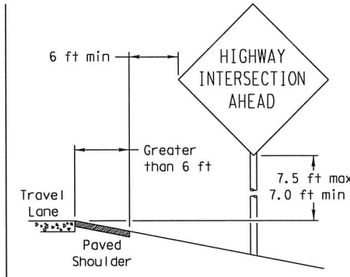
SIGN LOCATION

PAVED SHOULDERS



LESS THAN 6 FT. WIDE

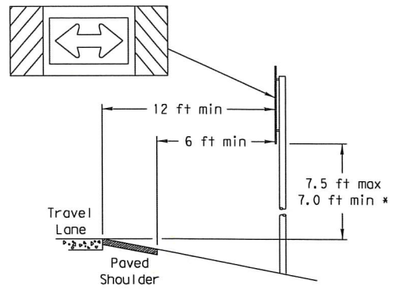
When the shoulder is 6 ft. or less in width, the sign must be placed at least 12 ft. from the edge of the travel lane.



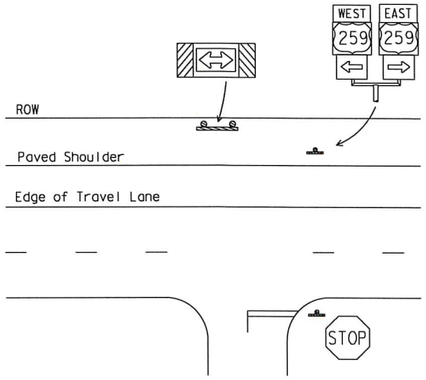
GREATER THAN 6 FT. WIDE

When the shoulder is greater than 6 ft in width, the sign must be placed at least 6 ft. from the edge of the shoulder.

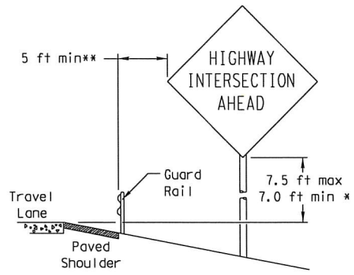
T-INTERSECTION



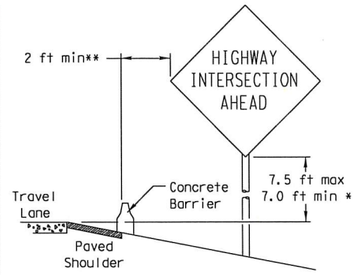
When this sign is needed at the end of a two-lane, two way roadway, the right edge of the sign should be in line with the centerline of the roadway. Place as close to ROW as practical.



BEHIND BARRIER



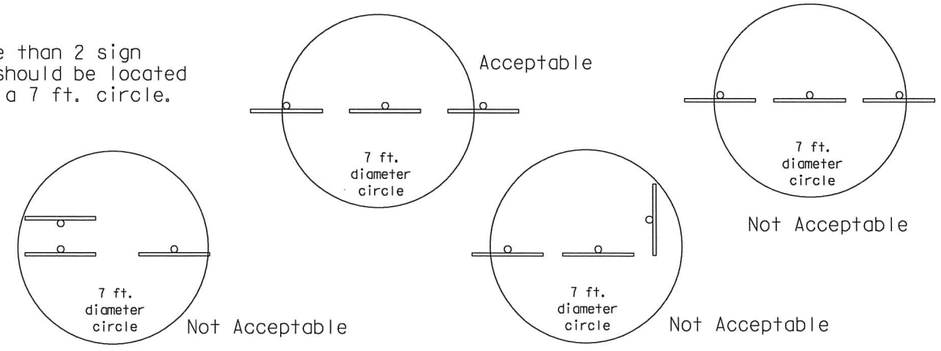
BEHIND GUARDRAIL



BEHIND CONCRETE BARRIER

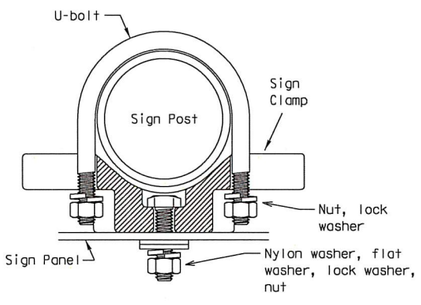
**Sign clearance based on distance required for proper guard rail or concrete barrier performance.

No more than 2 sign posts should be located within a 7 ft. circle.



TYPICAL SIGN ATTACHMENT DETAIL

Single Signs

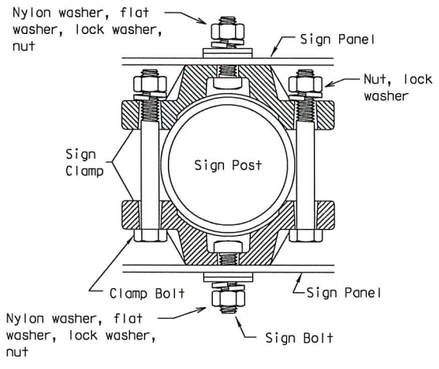


Bolts used to mount sign panels to the clamp are 5/16-18 UNC galvanized square head with nut, nylon washer, flat washer and lock washer. The bolt length is 1 inch for aluminum.

When two sign clamps are used to mount signs back-to-back, use a 5/16-18 UNC galvanized hex head per ASTM A307 with nut and helical-spring lock washer. The approximate bolt lengths for various post sizes and sign clamp types are given in the table at right. The bolt length may need to be adjusted depending upon field conditions.

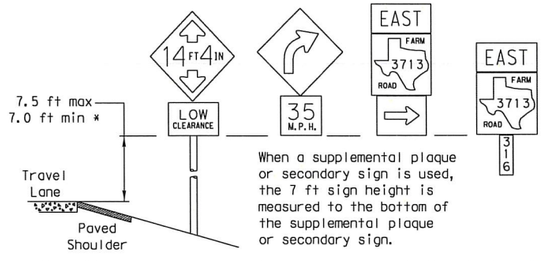
Sign clamps may be either the specific size clamp or the universal clamp.

Back-to-Back Signs



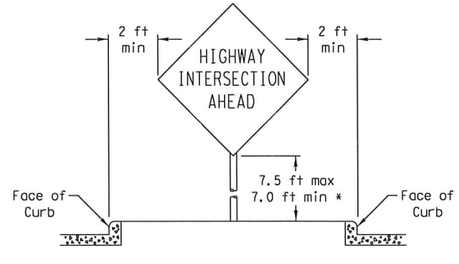
Pipe Diameter	Approximate Bolt Length	
	Specific Clamp	Universal Clamp
2" nominal	3"	3 or 3 1/2"
2 1/2" nominal	3 or 3 1/2"	3 1/2 or 4"
3" nominal	3 1/2 or 4"	4 1/2"

SIGNS WITH PLAQUES



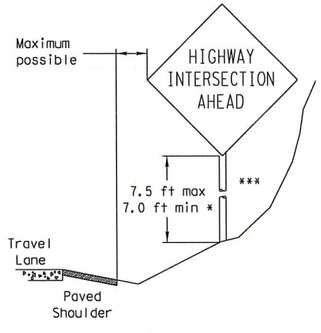
When a supplemental plaque or secondary sign is used, the 7 ft sign height is measured to the bottom of the supplemental plaque or secondary sign.

CURB & GUTTER OR RAISED ISLAND



RESTRICTED RIGHT-OF-WAY

(When 6 ft min. is not possible.)



Right-of-way restrictions may be created by rocks, water, vegetation, forest, buildings, a narrow island, or other factors.

In situations where a lateral restriction prevents the minimum horizontal clearance from the edge of the travel lane, signs should be placed as far from the travel lane as practical.

*** Post may be shorter if protected by guardrail or if Engineer determines the post could not be hit due to extreme slope.

* Signs shall be mounted using the following condition that results in the greatest sign elevation:

(1) a minimum of 7 to a maximum of 7.5 feet above the edge of the travel lane or

(2) a minimum of 7 to a maximum of 7.5 feet above the grade at the base of the support when sign is installed on the backslope.

The maximum values may be increased when directed by the Engineer.

See the Traffic Operations Division website for detailed drawings of sign clamps, Triangular Slipbase System components and Wedge Anchor System components.

The website address is:
http://www.txdot.gov/publications/traffic.htm

Texas Department of Transportation
Traffic Operations Division

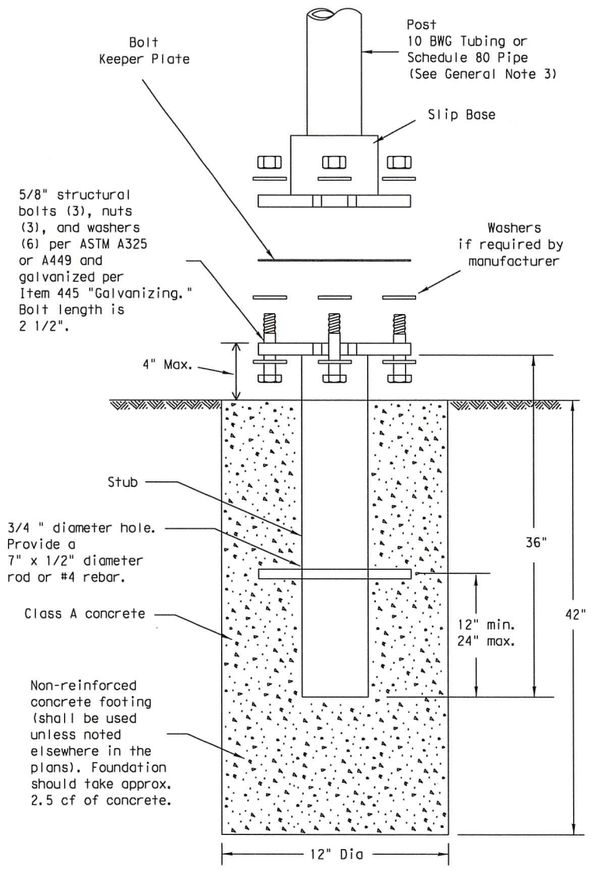
SIGN MOUNTING DETAILS SMALL ROADSIDE SIGNS GENERAL NOTES & DETAILS

SMD(GEN)-08

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		WILLIAMSON		404S

264

TRIANGULAR SLIPBASE INSTALLATION GENERAL REQUIREMENTS



SM RD SGN ASSM TY XXXXX(X)SA(X-XXXX)

NOTE

There are various devices approved for the Triangular Slipbase System. Please reference the Material Producer List for approved slip base systems. http://www.txdot.gov/business/producer_list.htm The devices shall be installed per manufacturers' recommendations. Installation procedures shall be provided to the Engineer by Contractor.

GENERAL NOTES:

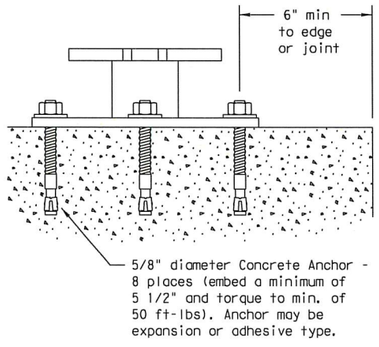
1. Slip base shall be permanently marked to indicate manufacturer. Method, design, and location of marking are subject to approval of the TxDOT Traffic Standards Engineer.
2. Material used as post with this system shall conform to the following specifications:
   10 BWG Tubing (2.875" outside diameter)
   0.134" nominal wall thickness
   Seamless or electric-resistance welded steel tubing or pipe
   Steel shall be HSLAS Gr 55 per ASTM A1011 or ASTM A1008
   Other steels may be used if they meet the following:
   55,000 PSI minimum yield strength
   70,000 PSI minimum tensile strength
   20% minimum elongation in 2"
   Wall thickness (uncoated) shall be within the range of 0.122" to 0.138"
   Outside diameter (uncoated) shall be within the range of 2.867" to 2.883"
   Galvanization per ASTM A123 or ASTM A653 G210. For precoated steel tubing (ASTM A653), recoat tube outside diameter weld seam by metallizing with zinc wire per ASTM B833.
   Schedule 80 Pipe (2.875" outside diameter)
   0.276" nominal wall thickness
   Steel tubing per ASTM A500 Gr C
   Other seamless or electric-resistance welded steel tubing or pipe with equivalent outside diameter and wall thickness may be used if they meet the following:
   46,000 PSI minimum yield strength
   62,000 PSI minimum tensile strength
   21% minimum elongation in 2"
   Wall thickness (uncoated) shall be within the range of 0.248" to 0.304"
   Outside diameter (uncoated) shall be within the range of 2.855" to 2.895"
   Galvanization per ASTM A123
3. See the Traffic Operations Division website for detailed drawings of sign clamps and Texas Universal Triangular Slipbase System components. The website address is: http://www.txdot.gov/publications/traffic.htm
4. Sign supports shall not be spliced except where shown. Sign support posts shall not be spliced.

ASSEMBLY PROCEDURE

Foundation
1. Prepare 12-inch diameter by 42-inch deep hole. If solid rock is encountered, the depth of the foundation may be reduced such that it is embedded a minimum of 18 inches into the solid rock.
2. The Engineer may permit batches of concrete less than 2 cubic yards to be mixed with a portable, motor-driven concrete mixer. For small placements less than 0.5 cubic yards, hand mixing in a suitable container may be allowed by Engineer. Concrete shall be Class A.
3. Push the pipe end of the slip base stub into the center of the concrete. Rotate the stub back and forth while pushing it down into the concrete to assure good contact between the concrete and stub. Continue to work the stub into the concrete until it is between 2 to 4 inches above the ground.
4. Plumb the stub. Allow a minimum of 4 days to set, unless otherwise directed by the Engineer.
5. The triangular slipbase system is multidirectional and is designed to release when struck from any direction.

Support
1. Cut support so that the bottom of the sign will be 7 to 7.5 feet above the edge of the travelway (i.e., edge of the closest lane) when slip plate is below the edge of pavement or 7 to 7.5 feet above slip plate when the slip plate is above the edge of the travelway. The cut shall be plumb and straight.
2. Attach sign to support using connections shown. When multiple signs are installed on the same support, ensure the minimum clearance between each sign is maintained. See SMD(SLIP-2) for clearances based on sign types.

CONCRETE ANCHOR



SM RD SGN ASSM TY XXXXX(X)SB(X-XXXX)

Concrete anchor consists of 5/8" diameter stud bolt with UNC series bolt threads on the upper end. Heavy hex nut per ASTM A563, and hardened washer per ASTM F436. The stud bolt shall have a minimum yield and ultimate tensile strength of 50 and 75 KSI, respectively. Nuts, bolts and washers shall be galvanized per Item 445, "Galvanizing." Adhesive type anchors shall have stud bolts installed with Type III epoxy per DMS-6100, "Epoxies and Adhesives." Adhesive anchors may be loaded after adequate epoxy cure time per the manufacturer's recommendations. Top of bolt shall extend at least flush with top of the nut when installed. The anchor, when installed in 4000 psi normal-weight concrete with a 5 1/2" minimum embedment, shall have a minimum allowable tension and shear of 3900 and 3100 psi, respectively.

Texas Department of Transportation
Traffic Operations Division

SIGN MOUNTING DETAILS SMALL ROADSIDE SIGNS TRIANGULAR SLIPBASE SYSTEM

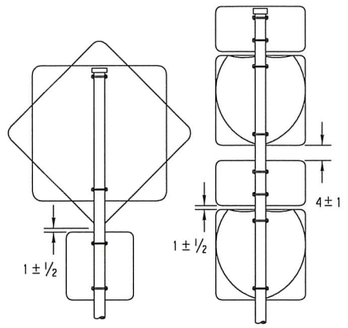
SMD(SLIP-1)-08

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REVISIONS	CONT	SECT	JOB	HIGHWAY
9-08				LIMESTONE
	DIST	COUNTY		SHEET NO.
		WILLIAMSON		4
268				p.186

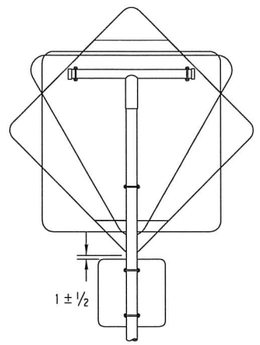
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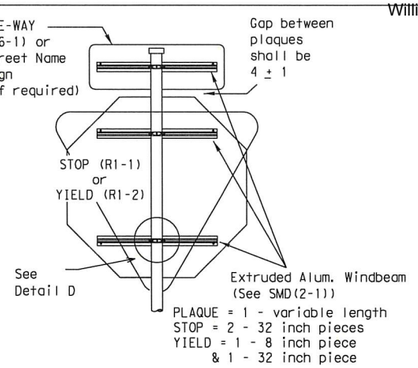
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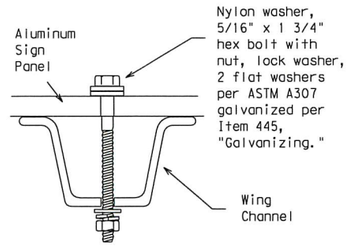
SM RD SGN ASSM TY XXXXX(1)XX(P)



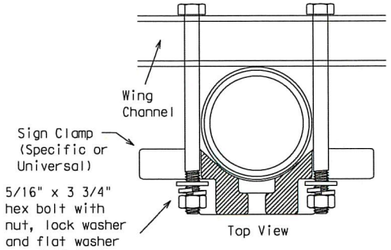
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SM RD SGN ASSM TY XXXXX(1)XX(P-BM)



Detail A



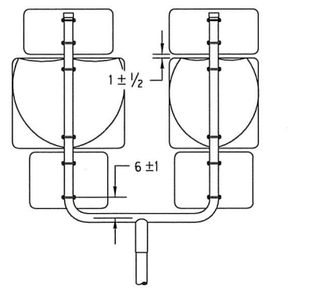
Detail B

GENERAL NOTES:

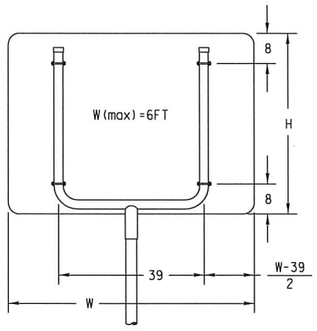
1.

SIGN SUPPORT	# OF POSTS	MAX. SIGN AREA
10 BWG	1	16 SF
10 BWG	2	32 SF
Sch 80	1	32 SF
Sch 80	2	64 SF

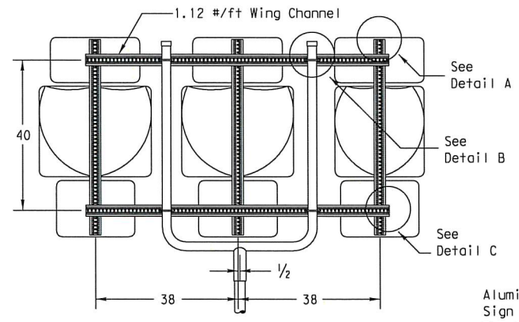
2. The Engineer may require that a Schedule 80 post be used in place of a 10 BWG where a sign height is abnormally high due to a fill slope.
3. Sign supports shall not be spliced except where shown. Sign support posts shall not be spliced.
4. Aluminum sign blanks shall conform to Departmental Material Specifications DMS-7110 and shall have the following minimum thicknesses: 0.080 for signs less than 7.5 sq. ft., 0.100 for signs 7.5 to 15 sq. ft., and 0.125 for signs greater than 15 sq. ft.
5. Signs that require specific supports due to reasons in addition to windloading are indicated on the "REQUIRED SUPPORT" table on this sheet.
6. For horizontal rectangular signs fabricated from flat aluminum, T-brackets are used for signs 24 inches or less in height. U-brackets are used for signs of greater height.
7. When two triangular slipbase supports are used to support a single sign, they shall not be "rigidly" connected to each other except through the sign panel. This will allow each support to act independently when impacted by an errant vehicle.
8. Wing channel shall meet ASTM A 1011 SS Gr 50 and be galvanized per ASTM A 123.
9. Excess pipe, wing channel, or windbeam shall be cut off so that it does not extend beyond the sign panel (i.e., excess support shall not be visible when the sign is viewed from the front.) Repair galvanized coating at cut support ends per Item 445, "Galvanizing."
10. Additional route markers may be added vertically, provided the total sign area does not exceed the maximum allowable amount per Note 1.
11. Additional sign clamp required on the "T-bracket" post for 24 inch height signs. Place the clamp 3 inches above bottom of sign when possible.
12. Post open ends shall be fitted with Friction Caps.
13. Sign blanks shall be the sizes and shapes shown on the plans.



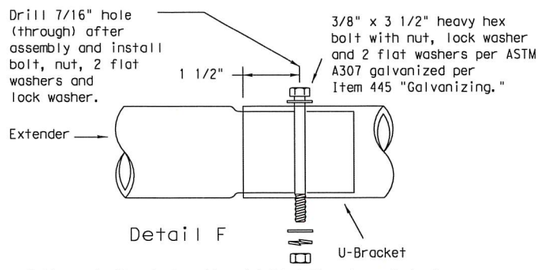
SM RD SGN ASSM TY XXXXX(1)XX(U)



SM RD SGN ASSM TY XXXXX(1)XX(U)

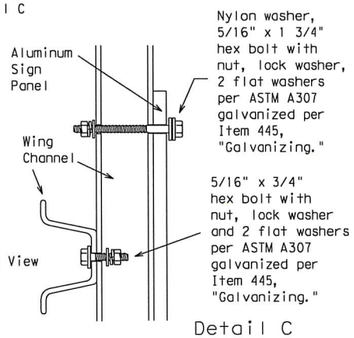


SM RD SGN ASSM TY XXXXX(1)XX(U-WC)
(See Note 11)

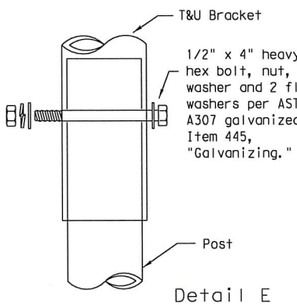


Detail F

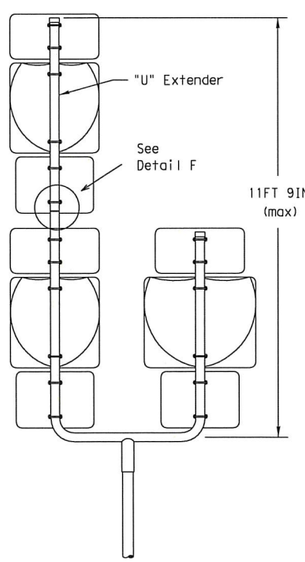
Splices shall only be allowed behind the sign substrate.



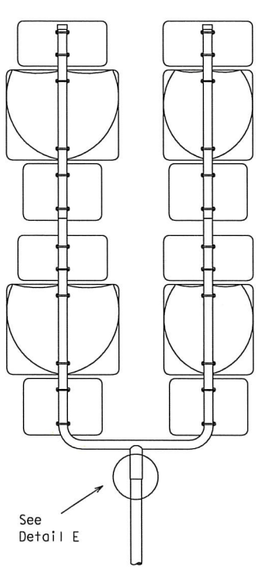
Detail C



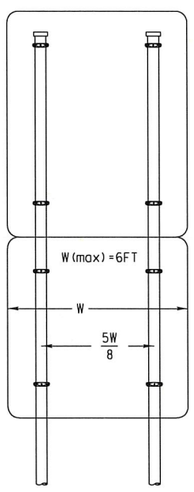
Detail E



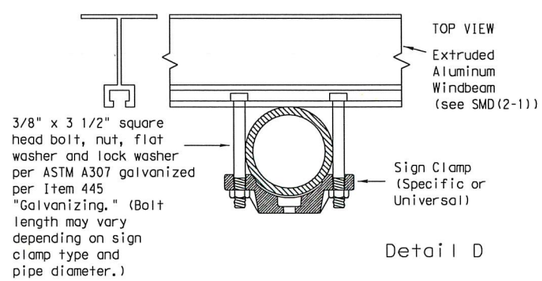
SM RD SGN ASSM TY S80(1)XX(U-1EXT)



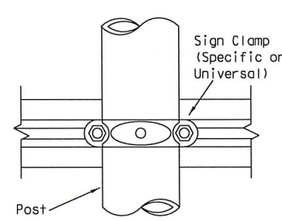
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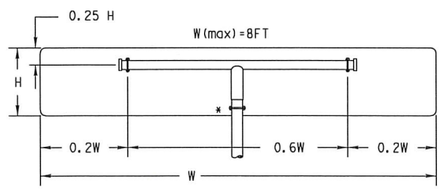
SM RD SGN ASSYM TY XXXXX(2)XX(P)



Detail D



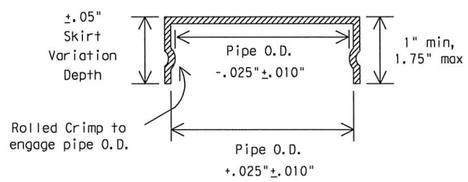
REQUIRED SUPPORT		
	SIGN DESCRIPTION	SUPPORT
Regulatory	48-inch STOP sign (R1-1)	TY 10BWG(1)XX(T) TY 10BWG(1)XX(P-BM)
	60-inch YIELD sign (R1-2)	TY 10BWG(1)XX(T) TY 10BWG(1)XX(P-BM)
	48x16-inch ONE-WAY sign (R6-1)	TY 10BWG(1)XX(T) TY 10BWG(1)XX(P-BM)
	36x48, 48x36, and 48x48-inch signs	TY 10BWG(1)XX(T)
	48x60-inch signs	TY S80(1)XX(T)
Warning	48x48-inch signs (diamond or square)	TY 10BWG(1)XX(T)
	48x60-inch signs	TY S80(1)XX(T)
	48-inch Advance School X-ing sign (S1-1)	TY 10BWG(1)XX(T)
	48-inch School X-ing sign (S2-1)	TY 10BWG(1)XX(T)
	Large Arrow sign (W1-6 & W1-7)	TY 10BWG(1)XX(T)



SM RD SGN ASSM TY XXXXX(1)XX(T)
(* - See Note 12)

All dimensions are in english unless detailed otherwise.

FRICTION CAP DETAIL



Friction caps may be manufactured from hot rolled or cold rolled steel sheets. The minimum sheet metal thickness shall be 24 gauge for all cap sizes.

The rim edges shall be reasonably straight and smooth. Caps shall be sized and formed in such a manner as to produce a drive-on friction fit and have no tendency to rock when seated on the pipe. The depth shall be sufficient to give positive protection against entrance of rainwater. They shall be free of sharp creases or indentations and show no evidence of metal fracture.

Caps shall have an electrodeposited coating of zinc in accordance with the requirements of ASTM B633 Class FE/ZN 8.

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Traffic Operations Division

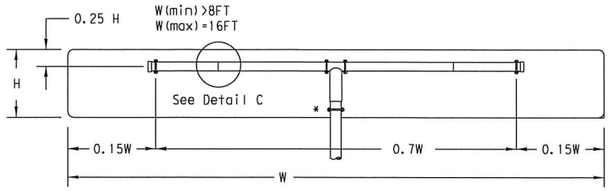
SIGN MOUNTING DETAILS SMALL ROADSIDE SIGNS TRIANGULAR SLIPBASE SYSTEM

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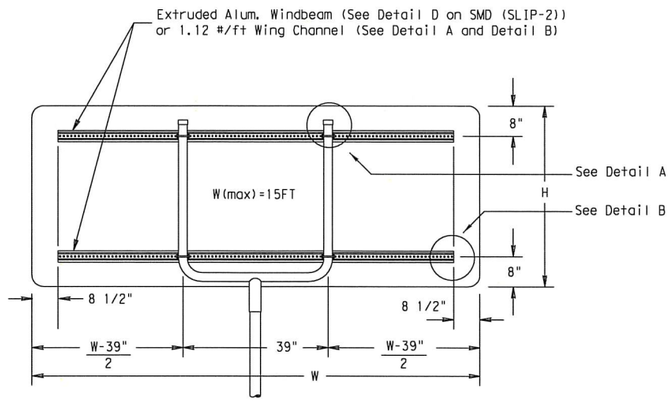
REVISIONS	DN: TXDOT	CK: TXDOT	DW: TXDOT	CK: TXDOT
9-08	CONT	SECT	JOB	HIGHWAY
				LIMESTONE
	DIST	COUNTY		SHEET NO.
		WILLIAMSON		42

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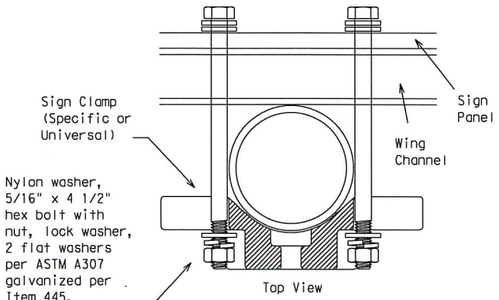


SM RD SGN ASSM TY XXXXX(1)XX(T-2EXT)

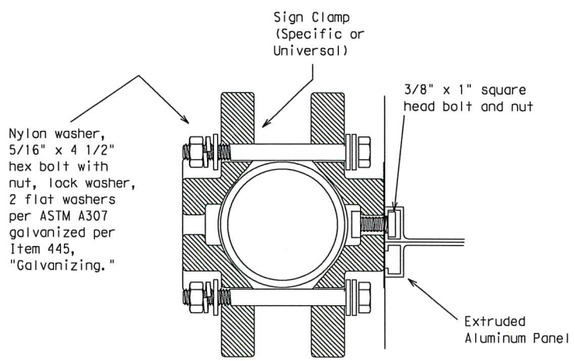
(* - See Note 12)



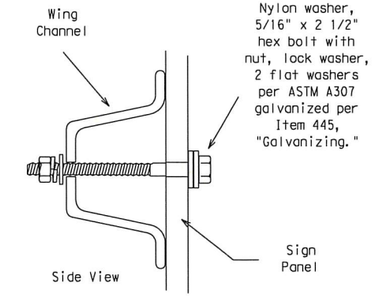
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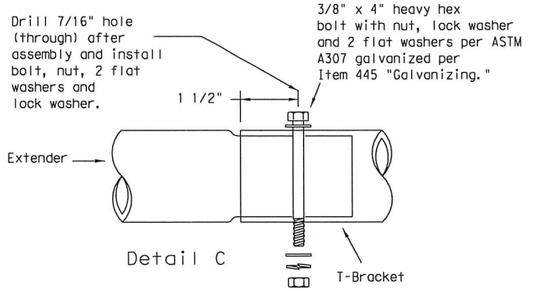
Detail A



Detail D
EXTRUDED ALUMINUM SIGN WITH T BRACKET

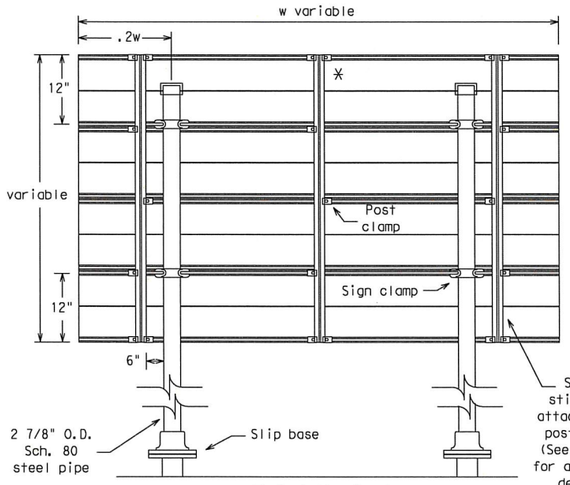


Detail B



Detail C

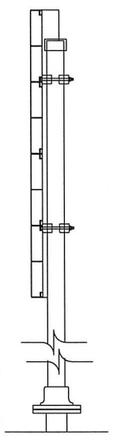
Splices shall only be allowed behind the sign substrate.



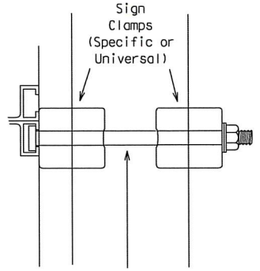
Typical Sign Mount

SM RD SGN ASSM TY S80(2)XX(P-EXAL)

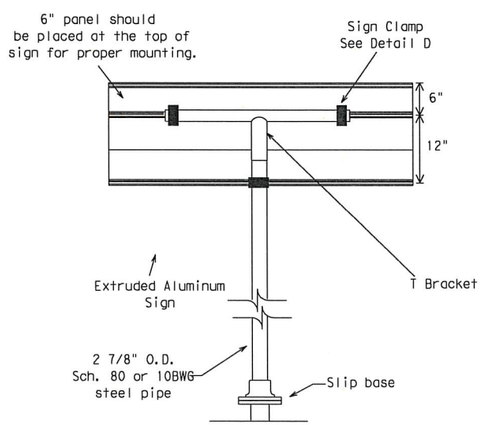
* Additional stiffener placed at approximate center of signs when sign width is greater than 10'.



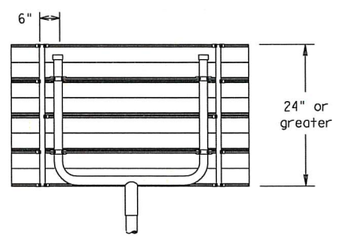
See Detail E
for clamp installation



Detail E



Extruded Aluminum Sign
With T Bracket



Use Extruded Alum. Windbeam as stiffeners
See SMD (2-1) for additional details

See Detail E
for clamp installation

GENERAL NOTES:

1.

SIGN SUPPORT	# OF POSTS	MAX. SIGN AREA
10 BWG	1	16 SF
10 BWG	2	32 SF
Sch 80	1	32 SF
Sch 80	2	64 SF

2. The Engineer may require that a Schedule 80 post be used in place of a 10 BWG where a sign height is abnormally high due to a fill slope.
3. Sign supports shall not be spliced except where shown. Sign support posts shall not be spliced.
4. Aluminum sign blanks shall conform to Departmental Material Specifications DMS-7110 and shall have the following minimum thicknesses: 0.080 for signs less than 7.5 sq. ft., 0.100 for signs 7.5 to 15 sq. ft., and 0.125 for signs greater than 15 sq. ft.
5. Signs that require specific supports due to reasons in addition to windloading are indicated on the "REQUIRED SUPPORT" table on this sheet.
6. For horizontal rectangular signs fabricated from flat aluminum, T-brackets are used for signs 24 inches or less in height. U-brackets are used for signs of greater height.
7. When two triangular slipbase supports are used to support a single sign, they shall not be "rigidly" connected to each other except through the sign panel. This will allow each support to act independently when impacted by an errant vehicle.
8. Wing channel shall meet ASTM A 1011 SS Gr 50 and be galvanized per ASTM A 123.
9. Excess pipe, wing channel, or windbeam shall be cut off so that it does not extend beyond the sign panel (i.e., excess support shall not be visible when the sign is viewed from the front.) Repair galvanized coating at cut support ends per Item 445, "Galvanizing."
10. Sign blanks shall be the sizes and shapes shown on the plans.
11. Additional sign clamp required on the "T-bracket" post for 24 inch high signs. Place the clamp 3 inches above bottom of sign when possible.
12. Post open ends shall be fitted with Friction Caps.

REQUIRED SUPPORT

	SIGN DESCRIPTION	SUPPORT
Regulatory	48-inch STOP sign (R1-1)	TY 10BWG(1)XX(T) TY 10BWG(1)XX(P-BM)
	60-inch YIELD sign (R1-2)	TY 10BWG(1)XX(T) TY 10BWG(1)XX(P-BM)
	48x16-inch ONE-WAY sign (R6-1)	TY 10BWG(1)XX(T) TY 10BWG(1)XX(P-BM)
	36x48, 48x36, and 48x48-inch signs	TY 10BWG(1)XX(T)
	48x60-inch signs	TY S80(1)XX(T)
Warning	48x48-inch signs (diamond or square)	TY 10BWG(1)XX(T)
	48x60-inch signs	TY S80(1)XX(T)
	48-inch Advance School X-ing sign (S1-1)	TY 10BWG(1)XX(T)
	48-inch School X-ing sign (S2-1)	TY 10BWG(1)XX(T)
	Large Arrow sign (W1-6 & W1-7)	TY 10BWG(1)XX(T)

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SIGN MOUNTING DETAILS SMALL ROADSIDE SIGNS TRIANGULAR SLIPBASE SYSTEM

SMD(SLIP-3)-08

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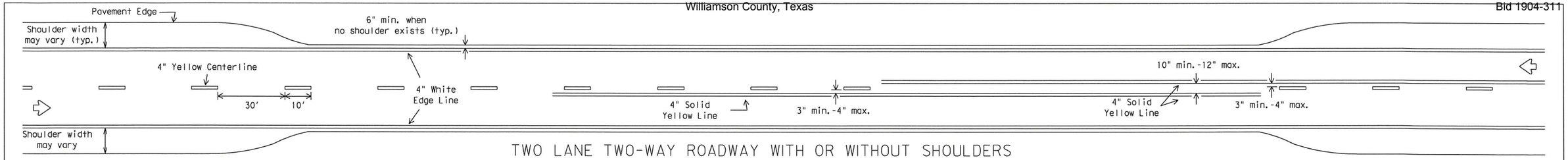
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				LIMESTONE
	DIST	COUNTY		SHEET NO.
		WILLIAMSON		388

260

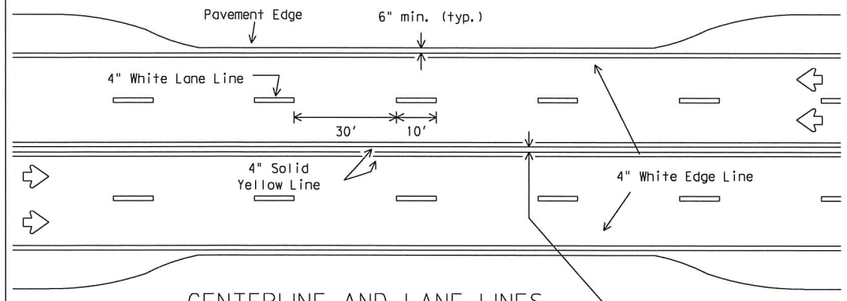
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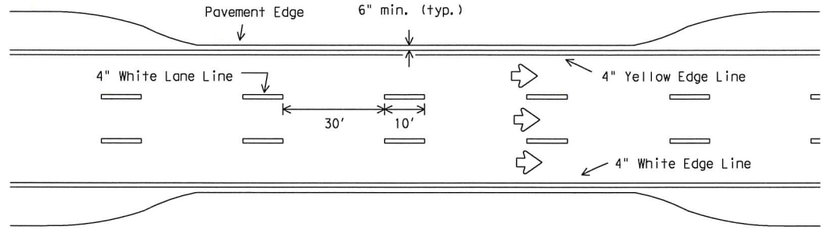
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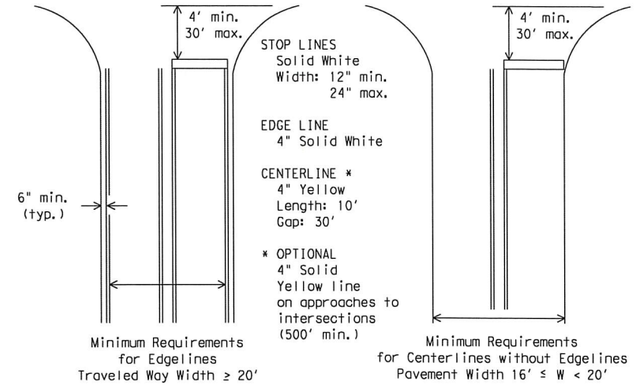
TWO LANE TWO-WAY ROADWAY WITH OR WITHOUT SHOULDERS



CENTERLINE AND LANE LINES FOUR LANE TWO-WAY ROADWAY WITH OR WITHOUT SHOULDERS

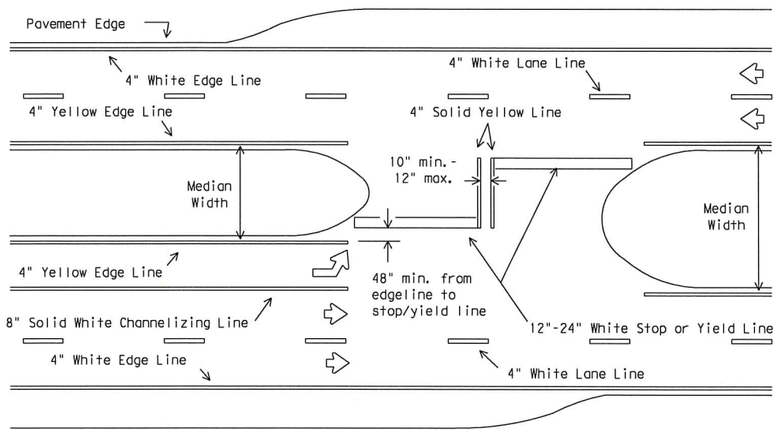


EDGE LINE AND LANE LINES ONE-WAY ROADWAY WITH OR WITHOUT SHOULDERS



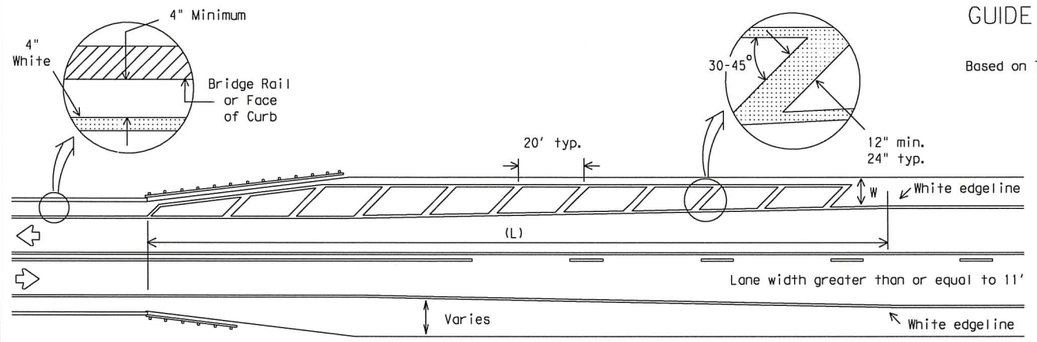
GUIDE FOR PLACEMENT OF STOP LINES, EDGE LINE & CENTERLINE

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:

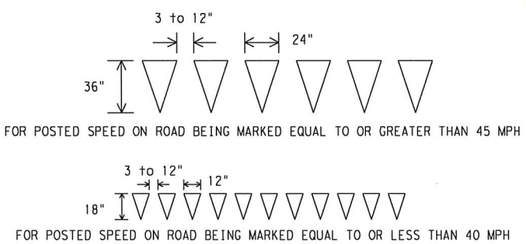
$L = 4(40)^2 / 60 = 106.67$ ft. rounded to 110 ft.

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

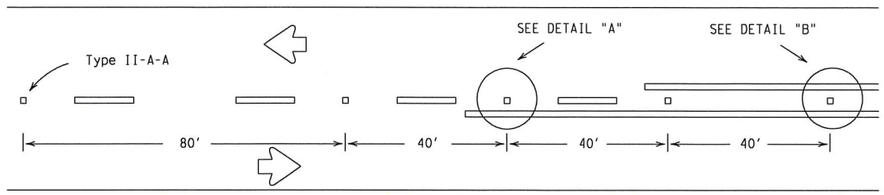
PM(1)-12

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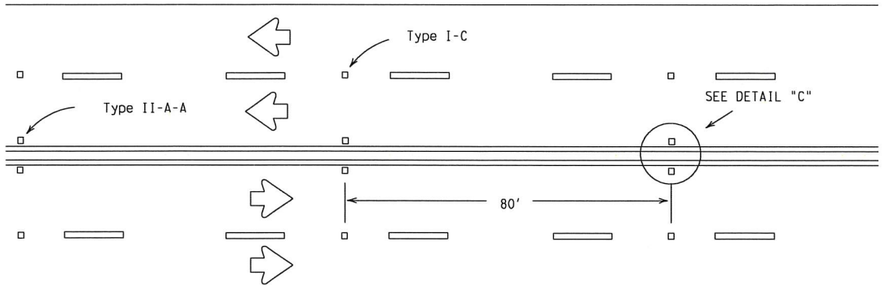
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REVISIONS	CONT	SECT	JOB	HIGHWAY
8-95 2-12				LIMESTONE
5-00				
8-00	DIST	COUNTY		SHEET NO.
3-03		WILLIAMSON		489
22A				

REFLECTIVE RAISED PAVEMENT MARKERS FOR VEHICLE POSITIONING GUIDANCE

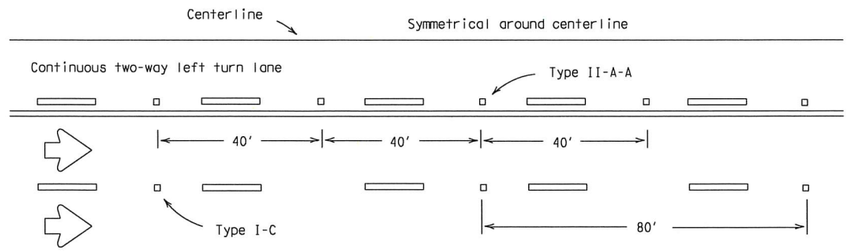


CENTERLINE FOR ALL TWO LANE ROADWAYS

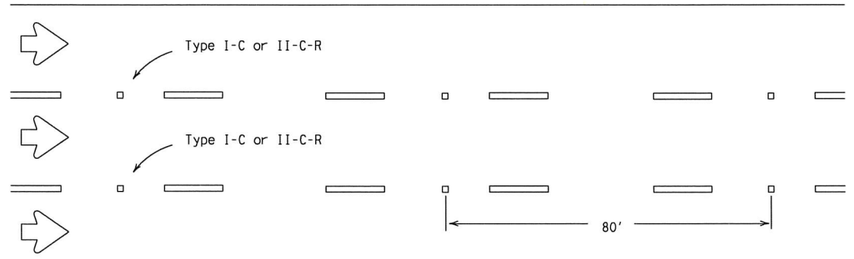


CENTERLINE & LANE LINES FOR FOUR LANE TWO-WAY HIGHWAYS

Raised pavement marker Type I-C, clear face toward normal traffic, shall be placed on 80-foot centers.

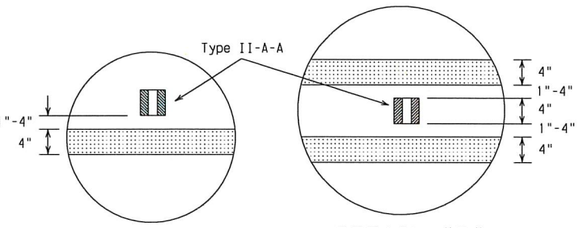


CENTERLINE AND LANE LINES FOR TWO-WAY LEFT TURN LANE

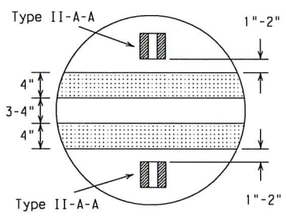


LANE LINES FOR ONE-WAY ROADWAY (NON-FREEWAY FACILITIES)

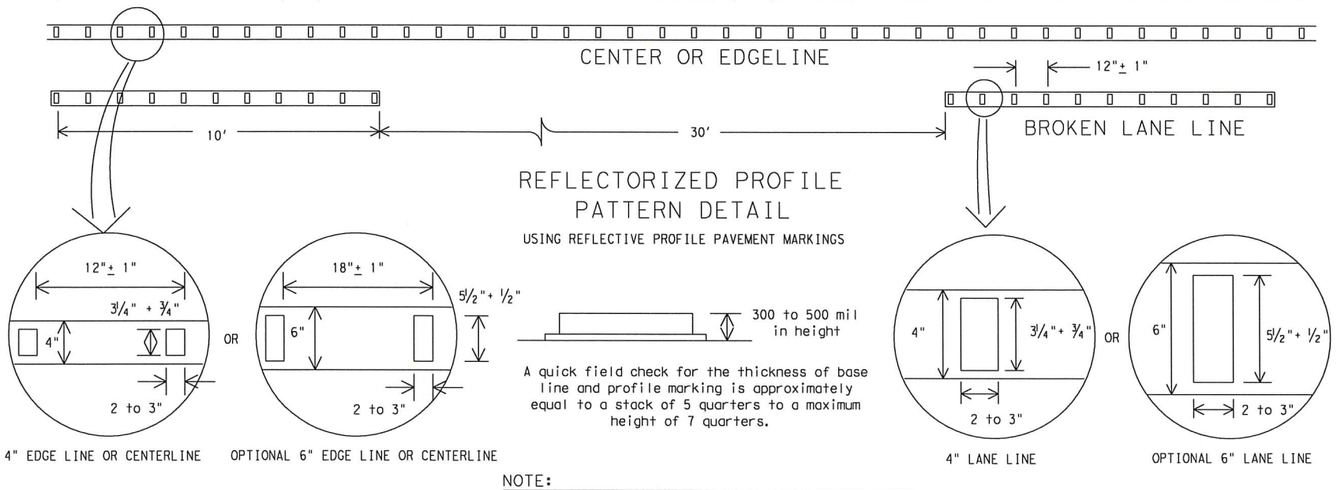
Raised pavement markers Type II-C-R shall have clear face toward normal traffic and red face toward wrong-way traffic.



DETAIL "A" DETAIL "B"



DETAIL "C"



4" EDGE LINE OR CENTERLINE — OPTIONAL 6" EDGE LINE OR CENTERLINE — 4" LANE LINE — OPTIONAL 6" LANE LINE

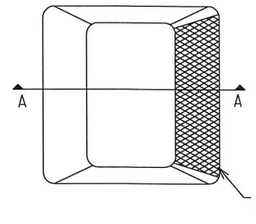
NOTE:
Profile markings shall not be placed on roadways with a posted speed limit of 45 MPH or less.

GENERAL NOTES

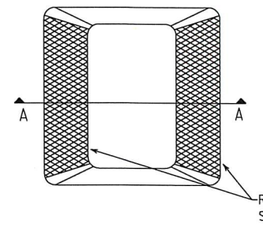
1. All raised pavement markers placed in broken lines shall be placed in line with and midway between the stripes.
2. On concrete pavements the raised pavement markers should be placed to one side of the longitudinal joints.

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

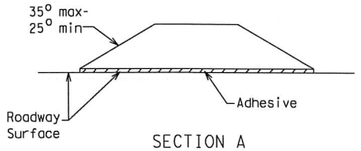
All pavement marking materials shall meet the required Departmental Material Specifications as specified by the plans.



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	CONT	SECT	JOB	HIGHWAY
4-92 2-10				LIMESTONE
5-00 2-12	DIST	COUNTY		SHEET NO.
8-00		WILLIAMSON		4590
2-08				

22B

Bid Form
Limestone Terrace and Quarry Rim Drive
Williamson County, TX

				Limestone Ter (Phase 1)		Quarry Rim Dr (Phase 2 & 3)		Project	
Item	**Description**	**Unit**	**Unit Price**	**Quantity**	**Total Price**	**Quantity**	**Total Price**	**Quantity**	**Total Price**
0104-6017	REMOVING CONC (DRIVEWAYS)	SY		140				140.0	
0104-6022	REMOVING CONC (CURB AND GUTTER)	LF		242		44		286.0	
0104-6026	REMOVE CONC (GUTTER)	LF		315				315.0	
0105-6108	RMV STAB BASE & ASPH PV (17")	SY		5207.0		3316.0		8523.0	
0160-6003	FURNISHING AND PLACING TOPSOIL (4")	SY		122		130		252.0	
0162-6008	ROLL SODDING	SY		122		130		252.0	
0168-6001	VEGETATIVE WATERING	MG		4.54		4.84		9.4	
0247-6041	FL BS (CMP IN PLC)(TYA GR1-2)(FNAL POS)	CY		928		551		1479.0	
0275-6001	CEMENT	TON		105.2		62.5		167.7	
0275-6003	CEMENT TREAT (NEW BASE) (6")	SY		5569		3309		8878.0	
0310-6001	PRIME COAT (MULTI OPTION)	GAL		1113.8		661.8		1775.6	
0340-6106	D-GR HMA(SQ) TY-D PG64-22	TON		480.4		285.4		765.8	
0360-6004	CONC PVMT (CONT REINF - CRCP) (10")	SY		5569		3309		8878.0	
0432-6003	RIPRAP (CONC)(6 IN)	CY				8		8.0	
0500-6001	MOBILIZATION	LS		0.64		0.36		1.0	
0502-6001	BARRICADES, SIGNS AND TRAFFIC HANDLING	MO		2		1		3.0	
0506-6004	ROCK FILTER DAMS (INSTALL) (TY 4)	LF		40				40.0	
0506-6011	ROCK FILTER DAMS (REMOVE)	LF		40				40.0	
0506-6020	CONSTRUCTION EXITS (INSTALL) (TY 1)	SY		245		267		512.0	
0506-6024	CONSTRUCTION EXITS (REMOVE)	SY		245		267		512.0	
0506-6041	BIODEG EROSN CONT LOGS (INSTL) (12")	LF		36				36.0	
0506-6043	BIODEG EROSN CONT LOGS (REMOVE)	LF		36				36.0	
0529-6002	CONC CURB (TY II)	LF		249		120		369.0	
0644-6068	RELOCATE SM RD SN SUP&AM TY 10BWG	EA		2				2.0	
0666-6048	REFL PAV MRK TY I (W)24"(SLD)(100MIL)	LF		60		21		81.0	
0666-6167	REFL PAV MRK TY II (W) 4" (BRK)	LF		446		230		676.0	
0666-6170	REFL PAV MRK TY II (W) 4" (SLD)	LF				230		230.0	
0666-6182	REFL PAV MRK TY II (W) 24" (SLD)	LF		60		21		81.0	
0666-6207	REFL PAV MRK TY II (Y) 4" (SLD)	LF		1810		1140		2950.0	
0666-6300	RE PM W/RET REQ TY I (W)4"(BRK)(100MIL)	LF		446		230		676.0	
0666-6303	RE PM W/RET REQ TY I (W)4"(SLD)(100MIL)	LF				230		230.0	
0666-6315	RE PM W/RET REQ TY I (Y)4"(SLD)(100MIL)	LF		1810		1140		2950.0	
0672-6009	REFL PAV MRKR TY II-A-A	EA		40		24		64.0	
6001-6002	PORTABLE CHANGEABLE MESSAGE SIGN	EA		1		1		2.0	
				Phase 1 Total		**Phase 2 & 3 Total**		**Project Total**	

Agreement for 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 _____ Solicitation # _____, _____; 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 _____ Solicitation # _____, 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 FOR SUBSTANTIAL COMPLETION: _____

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 _____**; 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 **_____**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:		$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	

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:

WILLIAMSON COUNTY, TEXAS,
a political subdivision of the state of Texas

By: _____

Printed Name: _____

Title: _____

Date: _____

CONTRACTOR:

By: _____

Printed Name: _____

Title: _____

Date: _____

Party Representatives

Owner's Designated Representative ("ODR"):

_____
_____
_____
_____
Phone _____
Fax _____

Contractor's Designated Representative:

_____
_____
_____
_____
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 FORM CIQ

For vendor doing business with local governmental entity

This questionnaire reflects changes made to the law by H.B. 23, 84th Leg., Regular Session.

This questionnaire is being filed in accordance with Chapter 176, Local Government Code, by a vendor who has a business relationship as defined by Section 176.001(1-a) with a local governmental entity and the vendor meets requirements under Section 176.006(a).

By law this questionnaire must be filed with the records administrator of the local governmental entity not later than the 7th business day after the date the vendor becomes aware of facts that require the statement to be filed. *See* Section 176.006(a-1), Local Government Code.

A vendor commits an offense if the vendor knowingly violates Section 176.006, Local Government Code. An offense under this section is a misdemeanor.

OFFICE USE ONLY

Date Received

1 **Name of vendor who has a business relationship 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 the 7th business day after the date on which you became aware that the originally filed questionnaire was incomplete or inaccurate.)

3 **Name of local government officer about whom the information is being disclosed.**

Name of Officer

4 Describe each employment or other business relationship with the local government officer, or a family member of the officer, as described by Section 176.003(a)(2)(A). Also describe any family relationship with the local government officer. Complete subparts A and B for each employment or business relationship described. Attach additional pages to this Form CIQ as necessary.

A. Is the local government officer or a family member of the officer receiving or likely to receive taxable income,other than investment income, from the vendor?

☐ Yes ☐ No

B.Is the vendor receiving or likely to receive taxable income, other than investment income, from or at the directionof the local government officer or a family member of the officer AND the taxable income is not received from the local governmental entity?

☐ Yes ☐ No

5 **Describe each employment or business relationship that the vendor named in Section 1 maintains with a corporation or other business entity with respect to which the local government officer serves as an officer or director, or holds an ownership interest of one percent or more.**

6 ☐ Check this box if the vendor has given the local government officer or a family member of the officer one or more gifts as described in Section 176.003(a)(2)(B), excluding gifts described in Section 176.003(a-1).

7 Signature is not required if completing in BIDSYNC electronically;

Signature of vendor doing business with the governmental entity Date

Form provided by Texas Ethics Commission www.ethics.state.tx.us Revised 11/30/2015

CONFLICT OF INTEREST QUESTIONNAIRE

For vendor doing business with local governmental entity

A complete copy of Chapter 176 of the Local Government Code may be found at http://www.statutes.legis.state.tx.us/ Docs/LG/htm/LG.176.htm. For easy reference, below are some of the sections cited on this form.

Local Government Code § 176.001(1-a): "Business relationship" means a connection between two or more parties based on commercial activity of one of the parties. The term does not include a connection based on:

(A) a transaction that is subject to rate or fee regulation by a federal, state, or local governmental entity or anagency of a federal, state, or local governmental entity;

(B) a transaction conducted at a price and subject to terms available to the public; or

(C) a purchase or lease of goods or services from a person that is chartered by a state or federal agency andthat is subject to regular examination by, and reporting to, that agency.

Local Government Code § 176.003(a)(2)(A) and (B):

(a) A local government officer shall file a conflicts disclosure statement with respect to a vendor if:

***

(2) the vendor:

(A) has an employment or other business relationship with the local government officer or afamily member of the officer that results in the officer or family member receiving taxable income, other than investment income, that exceeds $2,500 during the 12-month period preceding the date that the officer becomes aware that

(i) a contract between the local governmental entity and vendor has been executed;or

(ii) the local governmental entity is considering entering into a contract with thevendor;

(B) has given to the local government officer or a family member of the officer one or more giftsthat have an aggregate value of more than $100 in the 12-month period preceding the date the officer becomes aware that:

(i) a contract between the local governmental entity and vendor has been executed;

or (ii) the local governmental entity is considering entering into a contract with the vendor.

Local Government Code § 176.006(a) and (a-1)

(a) A vendor shall file a completed conflict of interest questionnaire if the vendor has a business relationship with a local governmental entity and:

(1) has an employment or other business relationship with a local government officer of that localgovernmental entity, or a family member of the officer, described by Section 176.003(a)(2)(A);

(2) has given a local government officer of that local governmental entity, or a family member of the officer, one or more gifts with the aggregate value specified by Section 176.003(a)(2)(B), excluding any gift described by Section 176.003(a-1); or

(3) has a family relationship with a local government officer of that local governmental entity. (a-1) The completed conflict of interest questionnaire must be filed with the appropriate records administrator not later than the seventh business day after the later of:

(2) the date that the vendor:

(A) begins discussions or negotiations to enter into a contract with the local governmentalentity; or

(B) submits to the local governmental entity an application, response to a request for proposalsor bids, correspondence, or another writing related to a potential contract with the local governmental entity; or

(3) the date the vendor becomes aware:

(A) of an employment or other business relationship with a local government officer, or a family member of the officer, described by Subsection (a);

(B) that the vendor has given one or more gifts described by Subsection (a); or(C) of a family relationship with a local government officer.

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 #1904-311 - Limestone Ter and Quarry Rim Dr Reconstruction - Sonterra Commercial Subdivision

Overall Bid Questions
There are no questions associated with this bid.

Commissioners Court - Regular Session **20.**

Meeting Date: 04/23/2019

Advertisement Approval IFB 1904-312 Bluebonnet Drive Reconstruction

Submitted For: Randy Barker **Submitted By:** Thomas Skiles, Purchasing

Department: Purchasing

Agenda Category: Consent

Information

Agenda Item

Discuss, consider and take appropriate action on authorizing the Purchasing Agent to advertise and receive sealed bids for Bluebonnet Drive Reconstruction in Chandler Creek Subdivision under IFB #1904-312.

Background

Williamson County is seeking qualified Contractors to provide materials, experienced roadway construction, under sealing, and asphalt paving crews and equipment to reconstruct Bluebonnet Drive. Department point of contact is Terron Evertson. Funding Source P483.

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

Bid Package

Form Review

Inbox	Reviewed By	Date
Purchasing (Originator)	Randy Barker	04/17/2019 03:16 PM
County Judge Exec Asst.	Andrea Schiele	04/17/2019 03:24 PM
Form Started By: Thomas Skiles		Started On: 04/17/2019 08:14 AM
Final Approval Date: 04/17/2019		

Solicitation 1904-312

Bluebonnet Drive Reconstruction in Chandler Creek Subdivision

Bid Designation: Public

Williamson County, Texas

Bid 1904-312
Bluebonnet Drive Reconstruction in Chandler Creek Subdivision

Bid Number	1904-312
Bid Title	Bluebonnet Drive Reconstruction in Chandler Creek Subdivision
Expected Expenditure	**$690,000.00** (This price is expected - not guaranteed)
Bid Start Date	In Held
Bid End Date	May 16, 2019 3:30:00 PM CDT
Question & Answer End Date	May 10, 2019 3:00:00 PM CDT
Bid Contact	Blake Skiles Senior Purchasing Specialist 512-**943**-1478 blake.skiles@wilco.org
Contract Duration	**80 days**
Contract Renewal	Not Applicable
Prices Good for	**365 days**
Pre-Bid Conference	**May 8, 2019 10:30:00 AM CDT** **Attendance is optional** **Location: Williamson County Central Maintenance Facility 3151 SE Inner Loop, Georgetown, TX 78626**
Bid Comments	**Williamson County is seeking qualified Contractors to provide materials, experienced roadway construction, under sealing, and asphalt paving crews and equipment to reconstruct Bluebonnet Drive.**

Item Response Form

Item	**1904-312-01-01** - Total Bid Price
Quantity	**1 each**
Unit Price	
Delivery Location	**Williamson County, Texas** No Location Specified

Qty 1

Description
Total Bid Price
*** PLEASE DO NOT ATTACH DOCUMENTS TO THIS LINE ***

Item	**1904-312-01-02** - 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
**** DO NOT ATTACH .ZIP FILES ****

PUBLIC ANNOUNCEMENT AND GENERAL INFORMATION

WILLIAMSON COUNTY PURCHASING DEPARTMENT
SOLICITATION NUMBER 1904-312
Bluebonnet Drive Reconstruction in Chandler Creek Subdivision

PROPOSALS MUST BE RECEIVED ON OR BEFORE:
May 16, 2019 3:30:00 PM CDT

PROPOSALS WILL BE PUBLICLY OPENED:
May 16, 2019 3:30:00 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**
  100 Wilco Way
  Suite P101
  Georgetown, TX 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 Introduction

The Bid evaluation and selection process is detailed in this section, as are other factors, and the format in which the Price Bid of each Bid should be submitted.

1.2 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.

1.3 Time for Performance

A time frame of eighty (80) working days (seventy five (75) to substantial completion / eighty (80) to final completion) 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 per working day.

1.4 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.

1.5 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.

1.6 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 two (2) years 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.

1.7 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:

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.

The following coverage limits shall be required at a minimum:

A. Worker's Compensation — Statutory – Texas Law

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	$1,000,000	$1,000,000
Aggregate policy limits:	$2,000,000	

Successful Bidder’s property will not be covered by any insurance that may be carried by the County. Successful Bidder assumes the risk of loss on its contents and property that are situated on/in/around the County property. The Successful Bidder is strongly encouraged to obtain insurance on its property to the extent deemed necessary by the Successful Bidder.

The deductible for an insurance policy required hereunder shall not exceed $100,000. **The County shall be named as an additional insured under any policy of insurance required hereunder.**

Successful Bidder shall not commence any work until it has obtained all required insurance and such insurance has been approved by County. Successful Bidder shall not allow any subcontractor(s) to commence work to be performed until all required insurance has been obtained by such subcontractor(s) and approved by County. Approval of the insurance by County shall not relieve or decrease the liability of Successful Bidder or its subcontractor(s) hereunder.

The required insurance must be written by a company approved to do business in the State of 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. Successful Bidder shall furnish County with a certificate of coverage issued by the insurer. Successful Bidder shall not cause any insurance to be canceled nor permit any insurance to lapse. ALL INSURANCE CERTIFICATES SHALL INCLUDE A CLAUSE TO THE EFFECT THAT THE POLICY SHALL NOT BE CANCELED OR REDUCED, RESTRICTED OR LIMITED UNTIL TEN (10) CALENDAR DAYS AFTER COUNTY HAS RECEIVED WRITTEN NOTICE AS EVIDENCED BY RETURN RECEIPT OF REGISTERED OR CERTIFIED LETTER.

It is the intention of the County, and agreed to and hereby acknowledged by the Successful Bidder, that no provision of this Contract or any ensuing Agreement shall be construed to require the County to submit to mandatory arbitration or mediation 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 which absolutely requires arbitration or mediation of such claim, or as otherwise required by law or a court of law with jurisdiction over the provisions of this Contract or any ensuing Agreement.

Workers' Compensation Coverage Requirements

The Texas Labor Code, Section 406.096, requires workers' compensation insurance coverage for all persons providing services on a building or construction project for a governmental entity such as the County. The rule requires the County to timely obtain certificates of coverage and retain them for the duration of the project. The rule also sets out the language to be included in the Bid specifications and in contracts awarded by a governmental entity and the information required to be in the posted notice to employees. The rule is adopted under the Texas Labor Code, Section 402.061.

The information provided below is a result of this rule. By submitting your Bid to the County, you are acknowledging that this rule is a part of these Bid specifications, and that you will observe and abide by all of the requirements outlined in the rule. You are further agreeing that should your Bid be accepted by the Williamson County Commissioners Court, the necessary certificates of coverage showing workers' compensation coverage, will be provided to the following name and address prior to beginning work:

Williamson County Purchasing Department
901 S. Austin Ave.
Georgetown, TX 78626

Failure to comply with this request may result in termination of the Contract and any ensuing Agreement. If you have any questions related to this ruling and/or requirement, you are encouraged to contact either the Williamson County Purchasing Department at (512) 943-1546, or you may call the Texas Workers' Compensation Commission at (800) 372-7713.

A. The following words and terms, when used in this provision, shall have the following meanings. Terms not defined in this rule shall have the meaning defined in the Texas Labor Code, if so defined.

1. Certificate of coverage (certificate) – A copy of a certificate of insurance, a certificate of authority to self-insure issued by the commission, or a workers' compensation 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 (including those subject to a coverage agreement) providing services on a project, for the duration of the project.

2. Building or Construction – Has the meaning defined in the Texas Labor Code, Section 406.096(e)(1).

3. Contractor – A person bidding for or awarded a building or construction project by Williamson County.

4. Coverage – Workers' compensation insurance meeting the statutory requirements of the Texas Labor Code, Section 401.011(44).

5. Coverage agreement – A written agreement on form TWCC-81, form TWCC-82, form TWCC-83, or form TWCC-84, filed with the Texas Workers' Compensation Commission which establishes a relationship between the parties for purposes of the Texas Workers' Compensation Act, pursuant to the Texas Labor Code, Chapter 406, Subchapters F and G, as one of employer/employee and establishes who will be responsible for providing workers' compensation coverage for persons providing services on the project.

6. Duration of the project--Includes the time from the beginning of work on the project until the work on the project has been completed and accepted by the County.

7. Persons providing services on the project ("subcontractor" in the Texas Labor Code, Section 406.096) – includes all persons or entities performing all or part of the services the contractor has undertaken to perform on the project, 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 on the project. "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 project, such as food/beverage vendors, office supply deliveries, and delivery of portable toilets.

8. Project – Includes the provision of all services related to a building or construction contract for the County.

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 the Texas Labor Code, Section 401.011(44), for all employees of the contractor providing services on the project, for the duration of the project.

C. The Contractor must provide a certificate of workers compensation coverage to Williamson County prior to being awarded the Contract.

D. If the coverage period shown on the contractor's current certificate of coverage ends during the duration of the project, the contractor must, prior to the end of the coverage period, file a new certificate of coverage with Williamson County showing that coverage has been extended.

E. The contractor shall obtain from each person providing services on a project, and provide to the County:

1. A certificate of coverage, prior to that person beginning work on the project, so Williamson County will have on file certificates of coverage showing coverage for all persons providing services on the project; 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 project.

F. The contractor shall retain all required certificates of coverage for the duration of the project and for one year thereafter.

G. The contractor shall notify the County in writing by certified mail or personal delivery, within ten (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 on the project.

H. The contractor shall post on each project site a notice, in the text, form and manner prescribed by the Texas Workers' Compensation Commission, informing all persons providing services on the project that they are required to be covered, and stating how a person may verify coverage and report lack of coverage.

I. The contractor shall contractually require each person with whom it contracts to provide services on a project, to:

1. 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, Section 401.011(44), for all of its employees providing services on the project, for the duration of the project;

2. Provide to the contractor, prior to that person beginning work on the project, a certificate of coverage showing that coverage is being provided for all employees of the person providing services on the project, for the duration of the project;

3. Provide the contractor, prior to the end of the coverage period, 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 project;

4. Obtain from each other person with whom it contracts, and provide to the contractor:

    i. (a) a certificate of coverage, prior to the other person beginning work on the project; and
    ii. (b) a new certificate of coverage showing extension of coverage, prior to the end of the coverage period, if the coverage period shown on the current certificate of coverage ends during the duration of the project;

5. Retain all required certificates of coverage on file for the duration of the project and for one year thereafter;

6. Notify the County in writing by certified mail or personal delivery, within ten (10) days after the person knew or should have known, of any change that materially affects the provision of coverage of any person providing services on the project; and

7. Contractually require each person with whom it contracts, to perform as required by paragraphs 1 – 7, with the certificates of coverage to be provided to the person for whom they are providing services

J. By signing this Contract or providing or causing to be provided a certificate of coverage, the contractor is representing to Williamson County that all employees of the contractor who will provide services on the project will be covered by workers' compensation coverage for the duration of the project, 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.

K. The contractor's failure to comply with any of these provisions is a breach of Contract by the contractor which entitles the County to declare the contract void if the contractor does not remedy the breach within ten (10) days after receipt of notice of breach from the 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 of Road and Bridge, 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 8:00 A.M. and 5:00 P.M. Time begins with crews on site with equipment and ready for operation.

CONTROL OF MATERIALS

Source Control. The Contractor shall use only materials that meet Contract requirements. Unless otherwise specified or approved by the Engineer, the Contractor shall use new materials for the work. The Contractor shall secure the Engineer's approval of the proposed source of materials to be used before their delivery to the site. Materials can be approved by the Engineer at a supply source or staging area but may be re-inspected at the job site. Contractor shall be responsible for cost of additional sampling and testing if material source changes.

Material Quality. It is the Contractor's responsibility to correct or remove materials that fail to meet the Contract requirements.

Materials not meeting Contract requirements will be rejected, unless the Engineer approves corrective actions. Upon rejection by the Engineer, the Contractor must immediately remove and replace rejected materials.

If the Contractor does not comply with this Article, the County may remove and replace defective material. The cost of testing, removal, and replacement will be deducted from invoice submitted to the County.

Manufacturer Warranties. Contractor shall transfer to the County warranties and guarantees required by the Contract, from Contractor sources, or received as part of normal trade practice.

Plant Inspection and Testing
The Engineer may, but is not obligated to, inspect materials at the acquisition or manufacturing source. Material samples will be obtained and tested for compliance with quality requirements. Materials produced under County inspection are for County use only unless released in writing by the Engineer.

If inspection is at the plant, Contractor shall meet the following conditions unless otherwise specified:

- Cooperate fully and assist the Engineer during the inspection.
- Ensure the Engineer has full access to all parts of the plant used to manufacture or produce materials.
- In accordance with pertinent Items and the Contract, provide a facility at the plant for use by the Engineer as an office or laboratory.

The Engineer may provide inspection for periods other than daylight hours if:

- Continuous production of materials for County use is necessary due to the production volume being handled at the plant, and
- The lighting is adequate to allow satisfactory inspection.

The Contractor shall provide copies of all test results to the County and the Engineer prior to the County's acceptance of improvements.

The Contractor shall coordinate with the County's field representative 48 hours prior to schedule density testing. The County's field representative shall witness all testing.

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, and as amended and/or updated, 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. The project shall begin within five (5) working days after such notification and shall continue for eighty (80) working days.

Contractor shall not begin asphalt 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 construction 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 construction work.

Contractor specifically acknowledges that Williamson County will sustain damages for each working day beyond the required dates of substantial completion of the project. 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 project.

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, unless otherwise directed by the Engineer.

Weekend and holiday work is allowed with prior approval by the 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.

Do not park equipment or make stockpiles where driver sight distance to residences 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.

Contractor shall provide at least one portable restroom near the work site at all times in order to provide a bathroom to individuals providing work hereunder.

If multiple days are required to complete work, Contractor shall not leave work in hazardous conditions, as determined by the Engineer.

Contractor shall maintain positive drainage for permanent and temporary site conditions for duration of project.

The actual quantity required may vary from the estimated quantities in the contract. The Contractor shall be compensated for satisfactory completed work based on actual quantities per bid Item. This price shall be full compensation for furnishing all labor, equipment, time, materials and incidentals necessary to complete the work.

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 concrete 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.

Contractor's equipment and vehicles shall not be maintained on-site during construction, except at designated sites as approved by the Inspector.

Contractor shall mark and maintain 100 ft stations for the duration of the project, as directed. This work shall be considered subsidiary to the various bid items.

BLASTING

No Blasting will be allowed on the project.

ENTRY INTO AND·PROTECTION OF ADJACENT PROPERTIES

Design of this project did not contemplate a need to enter adjacent properties except where permanent or temporary work easements are shown on the Plans. Should it be necessary during construction of the work to enter on adjacent properties, the County shall be notified. The contractor shall be responsible for all arrangements to enter and shall be liable for repair of fences and restoration of any property damage outside the right-of-way and easements shown in the plans.

Access to the right-of-way and easements adjacent to private property shall be coordinated with the adjacent property owner at least 48 hours in advance.

LOCATION AND PROTECTION OF UTILITIES

The 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.

Notwithstanding any other provision of this Contract, the Contractor shall be solely responsible for the location and protection of any and all public and/or private utility lines and utility customer service lines in the work area. The Contractor shall exercise due care to locate and to mark, uncover, or otherwise protect all such lines in the construction zone and any of the Contractor's work or storage areas.

Upon request, the County may provide such information that it has about the location and grade of water, telephone, cable, and electric lines and other utilities on the work area, but such information shall not relieve or be deemed to be in satisfaction of the Contractor's obligation hereunder, which shall be primary and nondelegable. Any such lines damaged by the Contractor's operations shall be immediately repaired by the Contractor or damage shall be repaired at Contractor's expense.

SURPLUS MATERIAL

Excavated or surplus natural soil and rock material, unless otherwise noted in the Plans or Specifications, shall be known as "spoil" and the Contractor shall be responsible for hauling and disposing of all excavated materials off the project site, unless otherwise directed by the Engineer. Consider subsidiary to the pertinent Items.

RESTORATION/REVEGETATION

All disturbed areas within the right of way, easements, and limits of construction shall be restored. Restoration shall include all topsoil, seeding/sodding, watering, fertilizer, labor and equipment necessary to complete the project in accordance with the Plans and Specifications.

Restoration shall be installed, and vegetation established prior to final acceptance of the project, or as approved by the County.

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. The 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.

Revegetation measures will begin as soon as practical. The County reserves the right to require the immediate installation of revegetation measures whenever deemed necessary.

The County reserves the right to require additional revegetation measures deemed necessary at any time after construction has begun until the County has accepted the erosion control measures and revegetation measures.

The Contractor shall be responsible for maintaining, repairing or replacing all erosion control devices as may be directed by the Inspector. This work shall be considered subsidiary to the various bid Items.

ITEM 100 – PREPARING ROW

The Contractor shall notify the Inspector prior to clearing operations. Upon notification, the Inspector will schedule a walk-through with the Contractor and designate all trees and other features to be protected during construction. The Contractor shall not begin any clearing of the right-of-way prior to this walk-through. No fences shall be removed without notification to the Inspector.

Removal of any obstructions on the right-of-way that are not shown on the plans is included under preparing of right-of-way. The Inspector shall be notified prior to removal of obstructions. All right-of-way clearing operations will be coordinated with the project's SW3P and as directed or approved by the Inspector.

Burning of brush will not be permitted, unless otherwise directed by the Engineer.

The Contractor may be required to trim or prune and remove brush and trees in order to construct the project or to provide a horizontal clearance of approximately 2 feet inside the right-of-way line and a vertical clearance of at least 14 feet. For this operation, the selected method shall be approved by the Inspector.

Removal of curb and gutter, valley gutter, driveway, and sidewalk are considered

subsidiary to this bid item.

ITEM 110 - EXCAVATION

After the top 10" of existing roadway is milled off, excavating remainder of roadway to proposed subgrade elevation.

The Contractor shall provide drainage outfall or pump water out of the ponding areas. Consider this work to be subsidiary to this bid item.

ITEM 132 - EMBANKMENT

All materials brought to project site shall have a maximum PI of 25 and minimum PI of 6. Borrow sources shall be submitted and approved by the Inspector prior to delivery to project.

To the extent possible, all existing topsoil shall be salvaged, stockpiled and redistributed to the graded areas.

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 to the areas of seeding and sod as shown in the Plans.

Contractor is fully responsible for maintenance/repair of placed topsoil, including damage caused by travelling public, until topsoil is compacted and vegetation is fully established.

ITEM 166 - FERTILIZER

Fertilizer shall be applied before sodding.

Use 13-13-13 fertilizer analysis, unless otherwise directed. Take soil samples as directed to determine actual soil needs for fertilizer. Consider this work subsidiary to this bid item.

The fertilizer required by the County maybe adjusted to help establish vegetation, verify County approval of fertilizer prior to purchasing.

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 *Y,* inch or grater, but shall be resumed before the soil dries out, continue watering until final acceptance.

The County is not responsible for the source of water to be used on the project even during a drought condition.

Watering rates shall be 12,000 gallons/acre per working day for 15 consecutive working days.

Rate and frequency may be adjusted with the approval of the Engineer, to meet site conditions.

ITEM 204 - SPRINKLING

Apply water for dust control as directed. When dust control is not being maintained, cease operations until dust control is maintained. Consider subsidiary to the pertinent Items.

ITEM 216 - PROOF ROLLING

Correct and perform "Proof Rolling" retest at the Contractor's expense, to the satisfaction of the Engineer, when initial "Proof Rolling" yields a failing result. Consider subsidiary to the pertinent Items.

ITEM 247 - FLEXIBLE BASE

Complete all subgrade, ditches, slopes, and place all drainage structures to conform to required line, grades, and cross-sections, as shown and directed, prior to the placement of Flex Base.

The lift thickness will be 6", unless shown in the plans. When compacted in multiple lifts, the density of the bottom and middle lifts will be 95% and 98% of the maximum density, respectively.

Do not use a vibratory roller to compact the material directly over a storm drain.

ITEM 260 - LIME TREATMENT (ROAD-MIXED)

Stabilize subgrade with 6% lime slurry. Once lime is cured, place and proof-roll 1" of Flex Base material as a temporary riding surface for traffic. The Flex Base material will be compensated by Item 247. The temporary riding surface shall be maintained uniformity until the final grade of Flex Base is placed and this work is subsidiary to the pertinent Items.

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.

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, 340

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

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.

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" per single course.

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 340 - DENSE-GRADED HOT-MIX ASPHALT (SMALL QUANTITY)

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

Mill top 10" of existing roadway. This work shall only be performed per the phasing sequence shown on plans. Ramp existing driveways at 10:1 slopes or flatter. The Contractor shall provide drainage outfall to the ditch at ponding areas. Consider this work as subsidiary to this bid Item.

ITEM 465 -INLET

If necessary, place concrete (CL B) on the bottom of inlet in order to match flow line grades of the adjacent storm drain lines. This work will not be paid for directly but will be subsidiary to the pertinent Items.

ITEM 496 - REMOVING STRUCTURES

If necessary, Contractor shall perform traffic control for any structure removal, as directed by the Engineer.

Material removed under this Item will not be deemed salvageable.

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. 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. 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, work will cease.

Traffic Control Plans shown in Plans are a minimum requirement. The contractor shall be responsible for any additional signs, barricades, flagmen or other traffic control devices as necessary for the safety of the traveling public. All traffic control devices shall be compliant with the current Texas Manual of Uniform Traffic Control Devices.

The Contractor shall notify the County when any traffic changes are to be made. The Contractor shall also notify all affected emergency service districts, school districts, and

U.S. Postal Offices. The notifications must be made TWO DAYS prior to any change.

Maintain enough workers to revise traffic control as directed.

Necessary barricades, sufficient lighting, signage and other traffic control methods may be necessary for the protection and safety of the public; and shall be provided by the Contractor and maintained during the construction operation. Any open trenches shall be covered and protected overnight as needed. The traffic control shall be adjusted in the morning prior to beginning any work.

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. All traffic control devices are listed in TxDOT's WZTCDL.

Maintain access to all streets and driveways at all times, unless otherwise approved. Consider subsidiary to the pertinent Items.

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 as 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 as subsidiary to the pertinent Items.

Maintain Sandbags that are used for ballast, as directed. Consider subsidiary to the pertinent Items.

The Contractor's crew leader shall be a competent person who will be responsible and available on the project site or in the immediate area to insure compliance with the TCP.

Detour signage is considered subsidiary to this bid Item.

ITEM 506 - TEMPORARY EROSION, SEDIMENTATION, AND ENVIRONMENTAL CONTROLS

The County will obtain an authorization to discharge storm water from the Texas Commission on Environmental Quality (TCEQ) for the construction activities shown in Plans.

ITEM 530 – DRIVEWAYS

The Contractor shall notify the County and property owners a minimum of 48 hours in advance of beginning work on their driveways and provide the County a list of each

notification and contact prior to each closure.

The Contractor will be required to maintain access to adjacent properties at all times. Construct driveways in one-half sections, to allow access. Do not completely close driveways for reconstruction purposes, unless a reasonable alternate access exists to the property, as approved by the Engineer. If any temporary closure of driveways should be needed, contractor shall coordinate with county and property owner a minimum of 24 hrs prior to temporary closure.

The Contractor shall repair any damages to adjacent properties to equal or better conditions at the Contractor's expense.

Flex base placed underneath proposed concrete driveways is considered subsidiary to this bid Item.

ITEM 531 – SIDEWALKS

Saw cut concrete slab in front of the electrical cabinets is considered subsidiary to this bid Item.

ITEM 644 – SMALL ROADSIDE SIGN ASSEMBLIES

Relocate community mailboxes to the temporary area and relocate back to the original area will be compensated by this bid Item.

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 PROVISIONS.

ALL SPECIFICATIONS AND SPECIAL PROVISIONS APPLICABLE TO THIS PROEJCT 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.

( ) REFERENCE ITEMS USED ON THIS CONTRACT

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 100 PREPARING ROW (103)
ITEM 110 EXCAVATION (132)
ITEM 132 EMBANKMENT (100, 160, 204, 210, 216, 260, 400)
ITEM 160 TOPSOIL (168)
ITEM 162 SODDING FOR EROSION CONTROL (166, 168)
ITEM 166 FERTILIZER (520)
ITEM 168 VEGETATIVE WATERING
ITEM 247 FLEXIBLE BASE (105, 204, 210, 216, 520)
ITEM 260 LIME TREATMENT (ROAD-MIXED) (105, 132, 204, 210, 216, 247, 300, 310, 520)
ITEM 310 PRIME COAT (300, 316)
ITEM 316 SURFACE AREA TREATMENTS (210, 300, 302)
ITEM 340 DENSE-GRADED HOT-MIX ASHPALT (SMALL QUANTITY) (300, 301, 320, 520, 585)
ITEM 354 PLANNING AND TEXTURING PAVEMENT (5)
ITEM 465 JUNCTION BOXES, MANHOLES, AND INLETS (400, 420, 421, 424, 440, 471)
ITEM 479 ADJUSTING MANHOLES AND INLETS (400, 421, 465, 471)
ITEM 496 REMOVING STRUCTURES
ITEM 500 MOBILIZATION
ITEM 502 BARRICADES, SIGNS, AND TRAFFIC HANDLING (5, 9)

ITEM 506	TEMPORARY EROSION, SEDIMENTATION, AND ENVIRONMENTAL CONTROLS (161, 432, 556)
ITEM 529	CONCRETE CURB AND GUTTER
ITEM 530	INTERSECTIONS, DRIVEWAYS, AND TURNOUTS (247, 260, 263, 275, 276, 292, 316, 330, 334, 340, 360, 421, 440)
ITEM 531	SIDEWALKS (104, 360, 420, 421, 440, 530)
ITEM 644	SMALL ROADSIDE SIGN ASSEMBLIES (421, 440, 441, 442, 445, 636, 643, 656)
ITEM 3060	GEOGRID BASE REINFORCEMENT
ITEM 7021	ADJUST WATER VALVE COVERS AND STACKS

SHEET	DESCRIPTION
1	TITLE SHEET
2	QUANTITY SUMMARY
3	PROJECT LAYOUT
4	TYPICAL SECTIONS
5	HORIZONTAL ALIGNMENT DATA AND SURVEY CONTROL POINTS
6-7	EROSION CONTROL PLAN
8-11	ROADWAY PLAN AND PROFILE
12	DRIVEWAY DETAILS
13	TCP NARRATIVE
14	DETOUR LAYOUT
15-18	TRAFFIC CONTROL PLAN
19-25	CROSS SECTIONS

STANDARDS	
26-37	BC (1)-14 THRU BC (12)-14
38	WZ (UL)-13
39	WZ (RCD)-13
40	WZ (BRK)-13
41	EC (1)-16
42	EC (3)-16
43-45	EC (9)-16
46-49	PED-18
50	CCCG-12
51	CDSR-15 (AUS)

REFERENCED STANDARD SPECIFICATIONS:
SPECIFICATIONS ADOPTED BY THE TEXAS DEPARTMENT OF TRANSPORTATION, 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 BLUEBONNET DRIVE IMPROVEMENTS

BLUEBONNET DRIVE STA: 300+00.00 to STA: 313+56.89
MARCH 2019

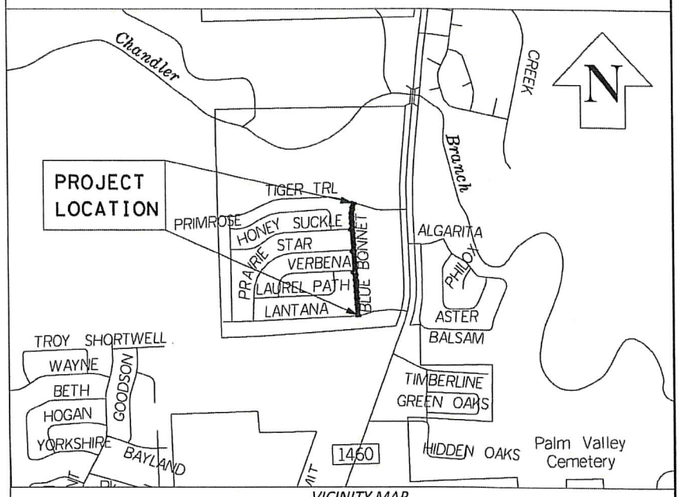
FUNCTIONAL CLASSIFICATION -
URBAN LOCAL
PROJECT DESIGN SPEED - 25 mph
2011 ADT N/A

WILLIAMSON COUNTY
1848

GENERAL PROJECT INFO: CONSTRUCTION/REHAB OF ***BLUEBONNET DRIVE*** PROJECT CONSISTS REMOVING TOP 17" EXISTING ROADWAY MATERIAL; LIME STABILIZING 8" SUBGRADE MATERIAL WITH 6% LIME SLURRY; INSTALLING GEOGRID; ADDING 11" NEW FLEXBASE MATERIAL; APPLYING PRIME COAT; APPLYING ONE COURSE SEAL COAT; ADDING 4" HMAC TY B; AND ADDING 2" HMAC TY D.
LIMITS: FROM LANTANA DR TO TIGER TRL, APPROXIMATELY 1,320 LF (0.25 MILES) IN LENGTH.

#	SHEETS AFFECTED	BY	DATE
#	#	#	#
#	#	#	#
#	#	#	#
#	#	#	#

ALLIANCE TRANSPORTATION GROUP
11500 Metric Blvd, Bldg M-1, Ste 150 • Austin, TX • 78758
Phone: 512-821-2081 • Fax: 512-821-2085
TBPE Firm Registration No. F - 812



VICINITY MAP
N.T.S.

WILLIAMSON COUNTY

STATE OF TEXAS
MAX L. PROCTOR, JR
98321
LICENSED PROFESSIONAL ENGINEER

DESIGNED BY:

MAX L. PROCTOR, P.E. PROJECT MANAGER

4/1/2019

APPROVED AND RECOMMENDED FOR CONSTRUCTION:

J. TERRON EVERTSON, P.E. DATE
COUNTY ENGINEER

4/15/19

ITEM NO.	DESC NO.	DESCRIPTION	UNIT	QTY
100	6001	PREPARING ROW	AC	0.58
110	6001	EXCAVATION (ROADWAY)	CY	884.00
132	6001	EMBANKMENT (FINAL)(ORD COMP)(TY A)	CY	25.00
160	6003	FURNISHING AND PLACING TOPSOIL (4")	SY	1252.00
162	6002	BLOCK SODDING	SY	1252.00
166	6001	FERTILIZER	AC	0.26
168	6001	VEGETATIVE WATERING	MG	47.00
247	6041	FL BS (CMP IN PLC)(TYA GR1-2)(FNAL POS)	CY	1390.00
260	6002	LIME (HYDRATED LIME (SLURRY))	TON	43.00
260	6027	LIME TRT (EXST MATL)(8")	SY	4548.00
310	6027	PRIME COAT(MC-30 OR AE-P)	GAL	792.00
316	6175	AGGR(TY-B GR-4 SAC-B)	CY	35.00
316	6466	ASPH (CHFRS-2P OR CRS-2P)	GAL	1386.00
340	6011	D-GR HMA(SQ) TY-B PG64-22	TON	872.00
340	6122	D-GR HMA(SQ) TY-D PG70-22	TON	436.00
354	6082	PLANE ASPH CONC PAV (10")	SY	4548.00
465	6228	INLET (TOP) (CURB)	EA	6.00
479	6001	ADJUSTING MANHOLES	EA	4.00
496	6002	REMOV STR (INLET)(CURB)	EA	6.00
500	6001	MOBILIZATION	LS	1.00
502	6001	BARRICADES, SIGNS AND TRAFFIC HANDLING	MO	4.00
506	6020	CONSTRUCTION EXITS (INSTALL) (TY 1)	SY	300.00
506	6024	CONSTRUCTION EXITS (REMOVE)	SY	300.00
506	6038	TEMP SEDMT CONT FENCE (INSTALL)	LF	1021.00
506	6039	TEMP SEDMT CONT FENCE (REMOVE)	LF	1021.00
506	6040	BIODEG EROSN CONT LOGS (INSTL) (8")	LF	80.00
506	6043	BIODEG EROSN CONT LOGS (REMOVE)	LF	80.00
529	6008	CONC CURB & GUTTER (TY II)	LF	2144.00
529	6030	CONC CURB & GUTTER (VALLEY GUTTER)	LF	104.00
530	6004	DRIVEWAYS (CONC)	SY	797.00
531	6001	CONC SIDEWALKS (4")	SY	1282.00
531	6004	CURB RAMPS (TY 1)	EA	9.00
644	6070	RELOCATE SM RD SN SUP&AM TY S80	EA	17.00
3060	6001	GEOGRID BASE REINFORCEMENT	SY	4548.00
7021	6102	ADJUST WATER VALVE COVERS AND STACKS	EA	4.00

STATE OF TEXAS
MAX L. PROCTOR, JR
98321
LICENSED
PROFESSIONAL ENGINEER

4/1/2019

NO.	REVISION	BY	DATE

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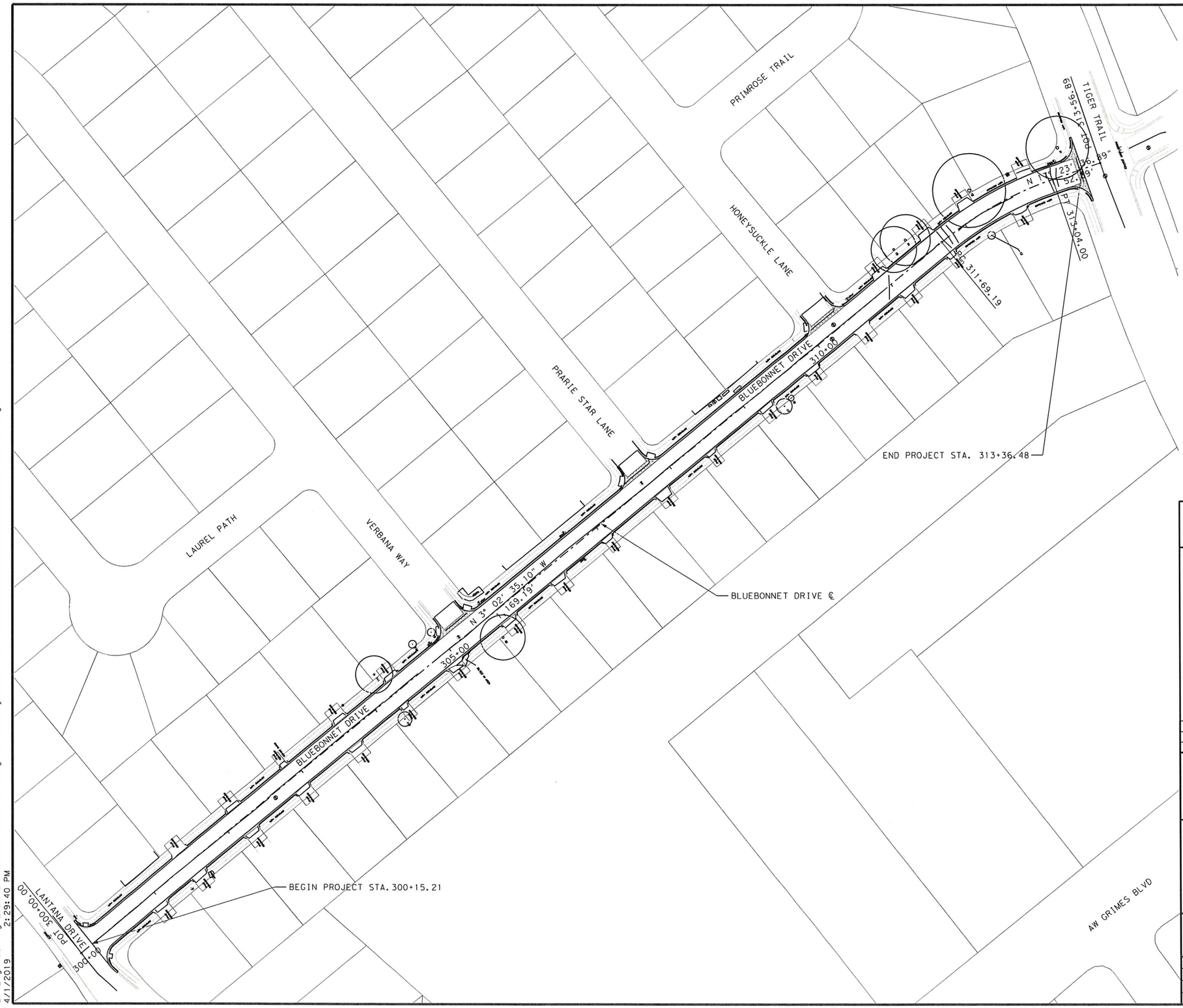
WILLIAMSON COUNTY 1848

WILLIAMSON COUNTY
DEPT. OF
INFRASTRUCTURE
3151 S.E. INNER LOOP, SUITE B
GEORGETOWN, TEXAS 78626
943-3330
www.wilco.org

BLUEBONNET DRIVE
QUANTITY SUMMARY

Designed:	EG	SCALE		PROJECT NO	SHEET NO.
Checked:	MLP	NTS			
Drawn:	BNC	STATE	COUNTY	HWY NO	2
Checked:	MLP	TX	WILLIAMSON		

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NOTE:

ALL PROJECT COORDINATES ARE BASED ON TEXAS STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE, NAD-83 (1993)/NAVD-88, U.S. SURVEY FEET. ALL DISTANCES AND COORDINATES SHOWN HEREON ARE SURFACE VALUES AND MAY BE CONVERTED TO GRID BY DIVIDING BY A COMBINED ADJUSTMENT FACTOR OF 1.000114

SEE HORIZONTAL ALIGNMENT DATA SHEETS FOR CURVE DATA.

50 25 0 50 100
SCALE FEET

STATE OF TEXAS
MAX L. PROCTOR, JR
98321
LICENSED PROFESSIONAL ENGINEER

4/1/2019

NO.	REVISION	BY	DATE

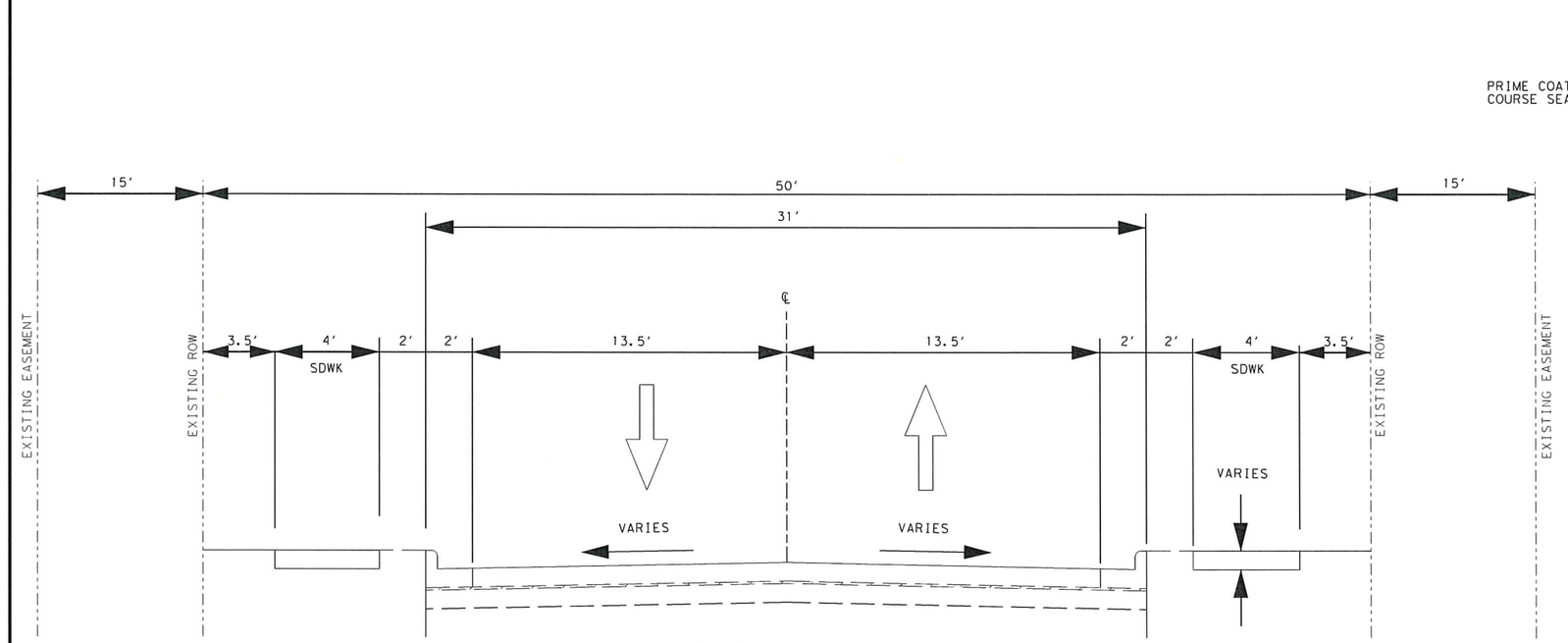
ATG ALLIANCE TRANSPORTATION GROUP
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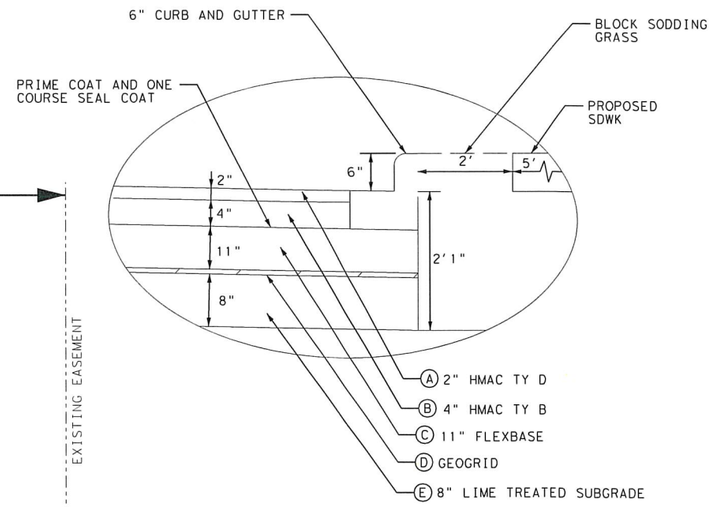
BLUEBONNET DRIVE PROJECT LAYOUT

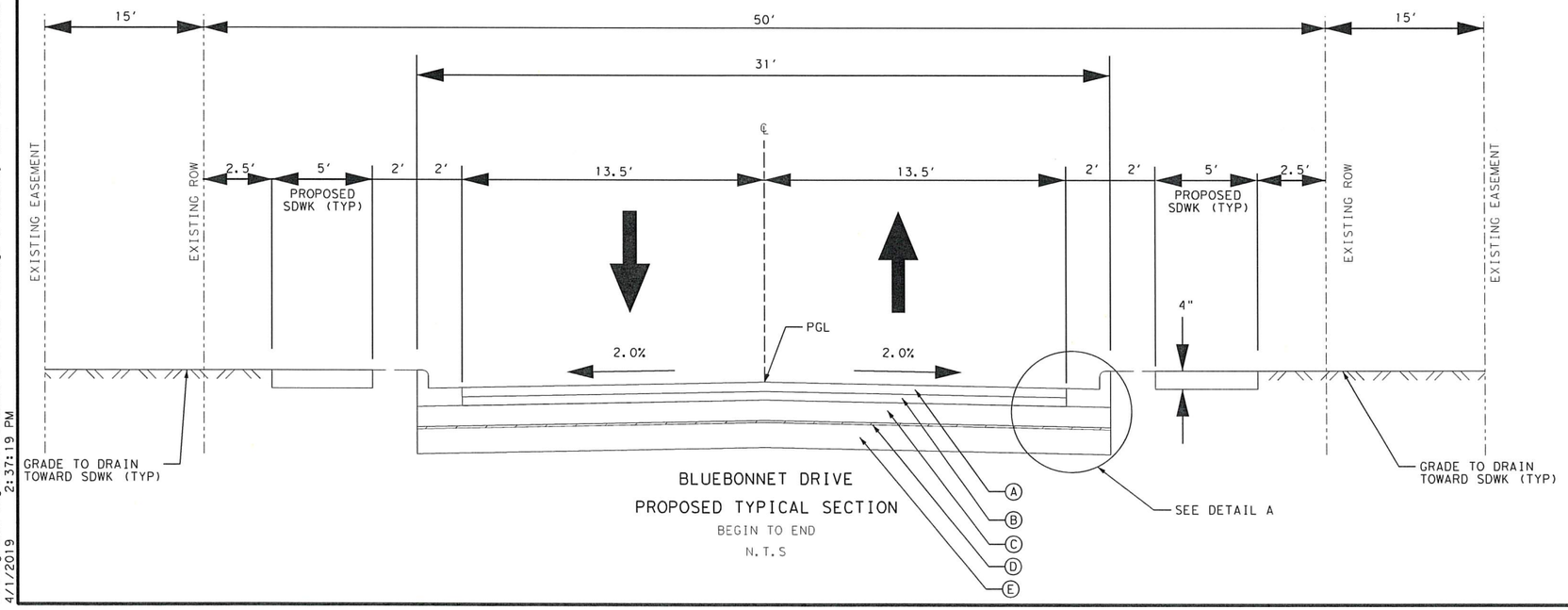
Designed:	EG	SCALE		PROJECT NO	SHEET NO.
Checked:	MLP				3
Drawn:	BNC	STATE	COUNTY	HWY NO	
Checked:	MLP	TX	WILLIAMSON		

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BLUEBONNET DRIVE
EXISTING TYPICAL SECTION
BEGIN TO END
N.T.S





BLUEBONNET DRIVE
PROPOSED TYPICAL SECTION
BEGIN TO END
N.T.S

STATE OF TEXAS
MAX L. PROCTOR, JR
98321
LICENSED PROFESSIONAL ENGINEER

4/1/2019

NO.	REVISION	BY	DATE

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WILLIAMSON COUNTY
1848

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BLUEBONNET DRIVE
TYPICAL SECTIONS

Designed:	EG	SCALE		PROJECT NO	SHEET NO.
Checked:	MLP	NTS			4
Drawn:	BNC	STATE	COUNTY	HWY NO	
Checked:	MLP	TX	WILLIAMSON		

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```
1   DESCRIBE CHAIN BB_CL_01

CHAIN BB_CL_01 CONTAINS:
 11 CUR BB_CL_01_3 12

BEGINNING CHAIN BB_CL_01 DESCRIPTION
FEATURE: GEOM_CENTERLINE
================================================================================

POINT 11              N  10,167,286.7044 E   3,140,357.4720 STA     300+00.00

COURSE FROM 11 TO PC BB_CL_01_3 N 3° 02' 35.0987" W DIST 1,169.1917

                                  CURVE DATA
                                  *----------*
CURVE BB_CL_01_3
P.I.  STATION          312+37.32  N     10,168,522.2788  E      3,140,291.7866
DELTA       =    20° 26' 11.9903" (RT)
DEGREE      =    15° 09' 35.7143"
TANGENT     =             68.1274
LENGTH      =            134.8072
RADIUS      =            377.9425
EXTERNAL    =              6.0912
LONG CHORD  =            134.0937
MID. ORD.   =              5.9946
P.C.  STATION          311+69.19  N     10,168,454.2474  E      3,140,295.4033
P.T.  STATION          313+04.00  N     10,168,587.2910  E      3,140,312.1522
C.C.                              N     10,168,474.3112  E      3,140,672.8129
BACK        = N   3° 02' 35.0987" W
AHEAD       = N  17° 23' 36.8916" E
CHORD BEAR  = N   7° 10' 30.8965" E

COURSE FROM PT BB_CL_01_3 TO 12 N 17° 23' 36.8926" E DIST 52.8944

POINT 12              N  10,168,637.7668 E   3,140,327.9642 STA     313+56.89

================================================================================
ENDING CHAIN BB_CL_01 DESCRIPTION

SURVEY CONTROL POINT DATA:

BM  101 = X:10168551.9559, Y:3140279.8355, ELEV:690.9051
BM 1824 = X:10167260.9077, Y:3140354.9892, ELEV:696.0952
```

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STATE OF TEXAS
MAX L. PROCTOR, JR
98321
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4/1/2019

NO.	REVISION	BY	DATE

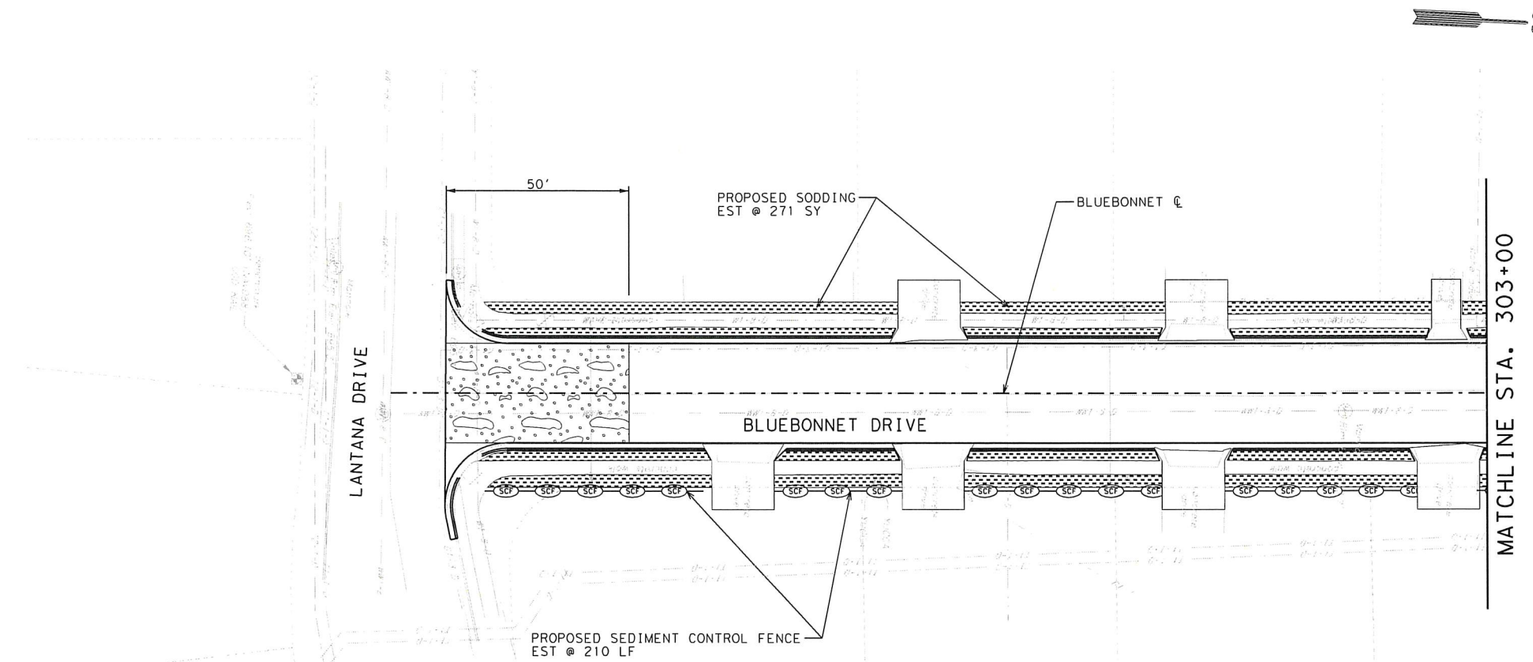
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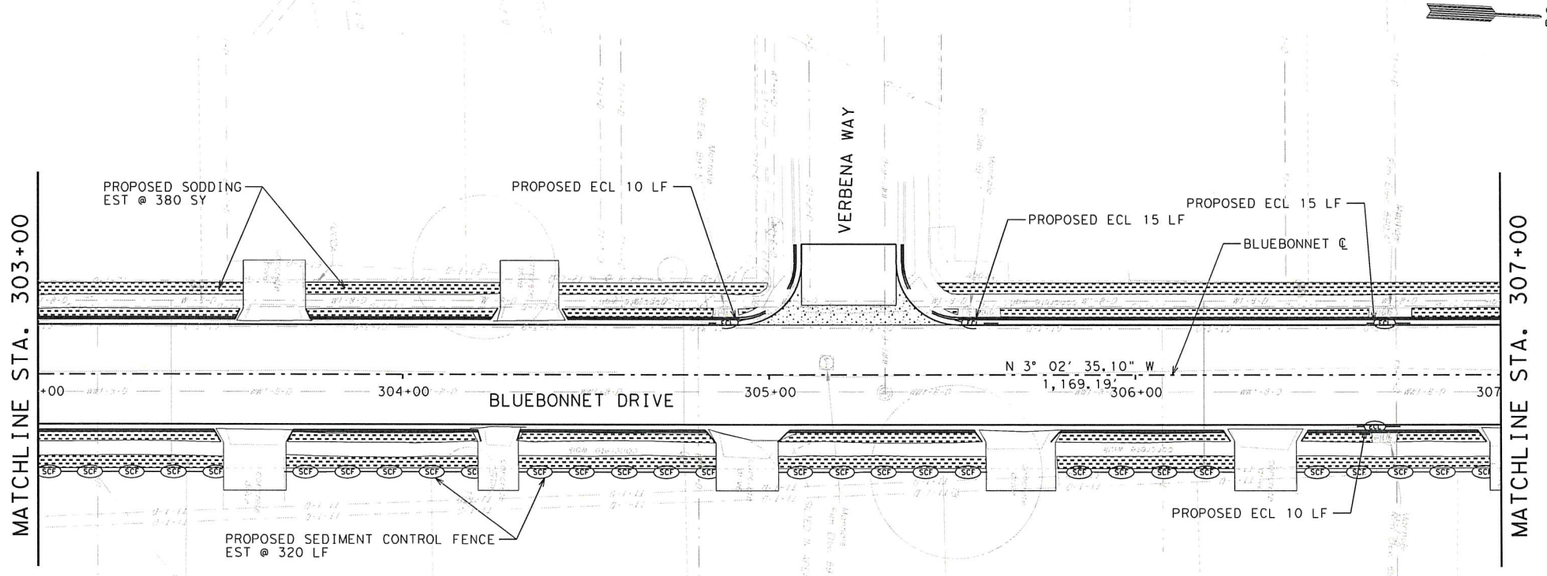
WILLIAMSON COUNTY 1848

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3151 S.E. INNER LOOP, SUITE B
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BLUEBONNET DRIVE HORIZONTAL ALIGNMENT DATA & SURVEY CONTROL POINTS

Designed:	EG	SCALE		PROJECT NO	SHEET NO.
Checked:	MLP	NTS			5
Drawn:	BNC	STATE	COUNTY	HWY NO	
Checked:	MLP	TX	WILLIAMSON		





LEGEND

- ECL — EROSION CONTROL LOGS
- SCF — SEDIMENT CONTROL FENCE
- SODDING
- CONSTRUCTION EXIT

20 10 0 20 40
SCALE FEET

STATE OF TEXAS
MAX L. PROCTOR, JR
98321
LICENSED PROFESSIONAL ENGINEER

4/1/2019

NO.	REVISION	BY	DATE

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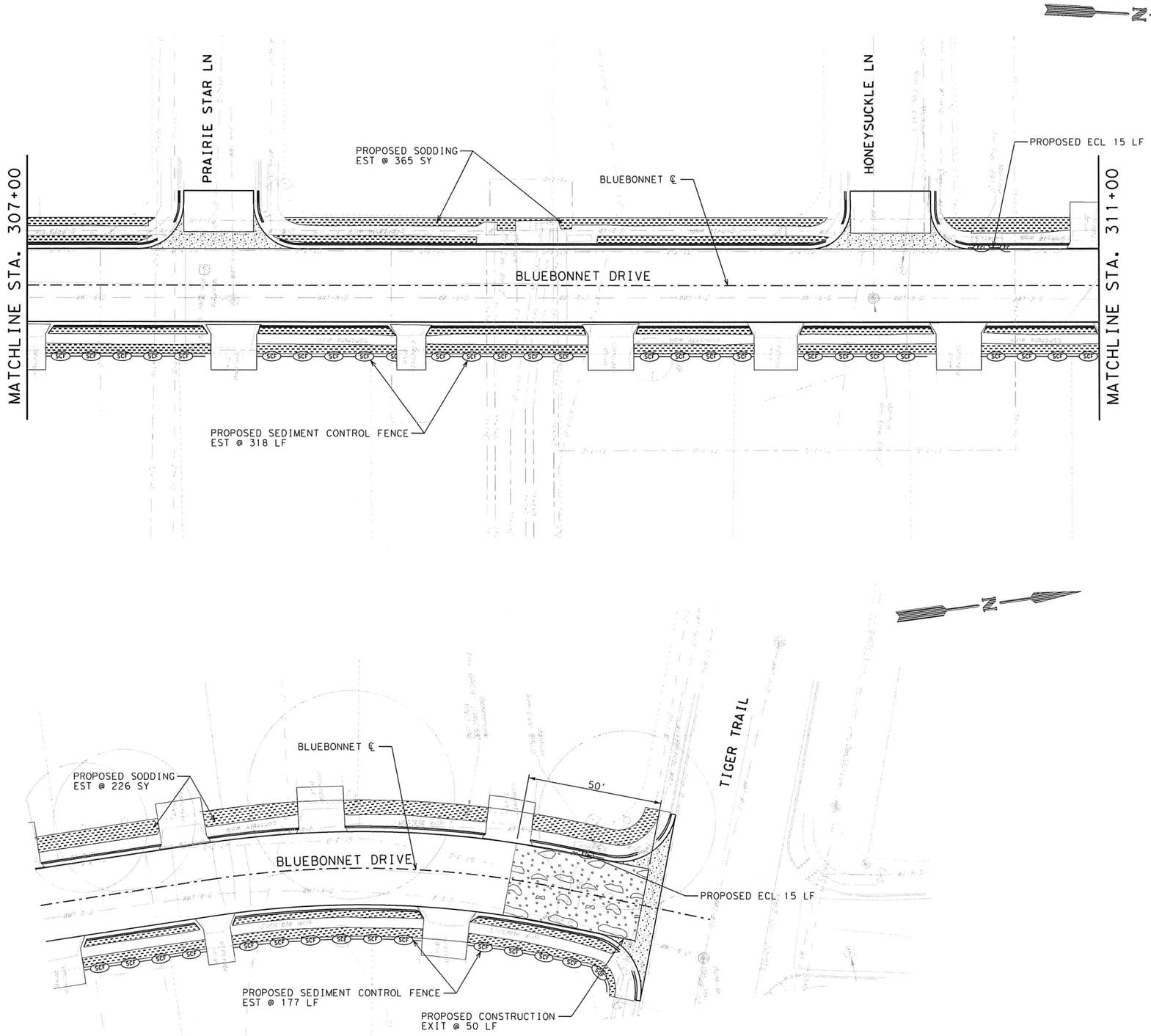
WILLIAMSON COUNTY
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BLUEBONNET DRIVE
EROSION CONTROL PLAN

Designed:	EG	SCALE		PROJECT NO	SHEET NO.
Checked:	MLP	NTS			
Drawn:	BNC	STATE	COUNTY	HWY NO	6
Checked:	MLP	TX	WILLIAMSON		

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LEGEND

- ECL — EROSION CONTROL LOGS
- SCF — SEDIMENT CONTROL FENCE
- SODDING
- CONSTRUCTION EXIT

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SCALE FEET

STATE OF TEXAS
MAX L. PROCTOR, JR
98321
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4/1/2019

NO.	REVISION	BY	DATE

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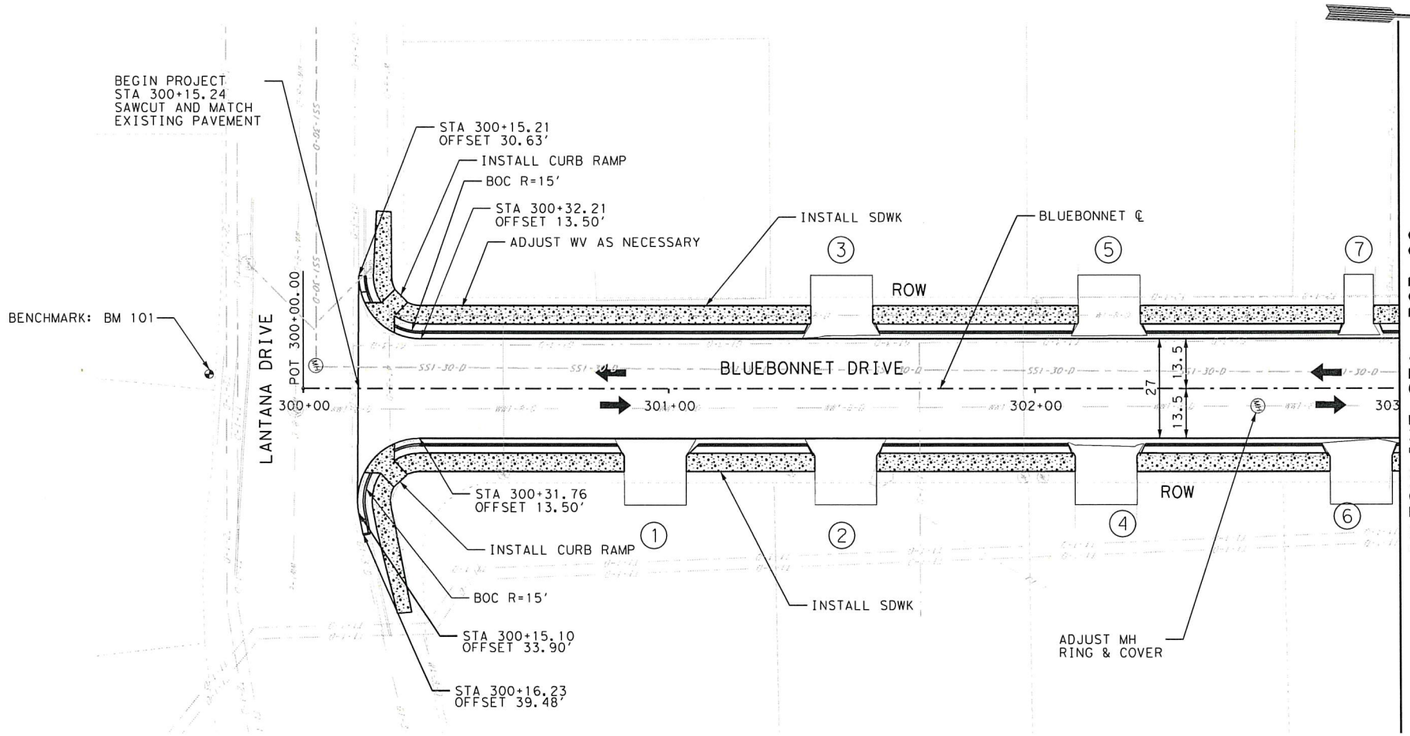
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BLUEBONNET DRIVE
EROSION CONTROL PLAN

Designed:	EG	SCALE		PROJECT NO	SHEET NO.
Checked:	MLP	NTS			
Drawn:	BNC	STATE	COUNTY	HWY NO	7
Checked:	MLP	TX	WILLIAMSON		

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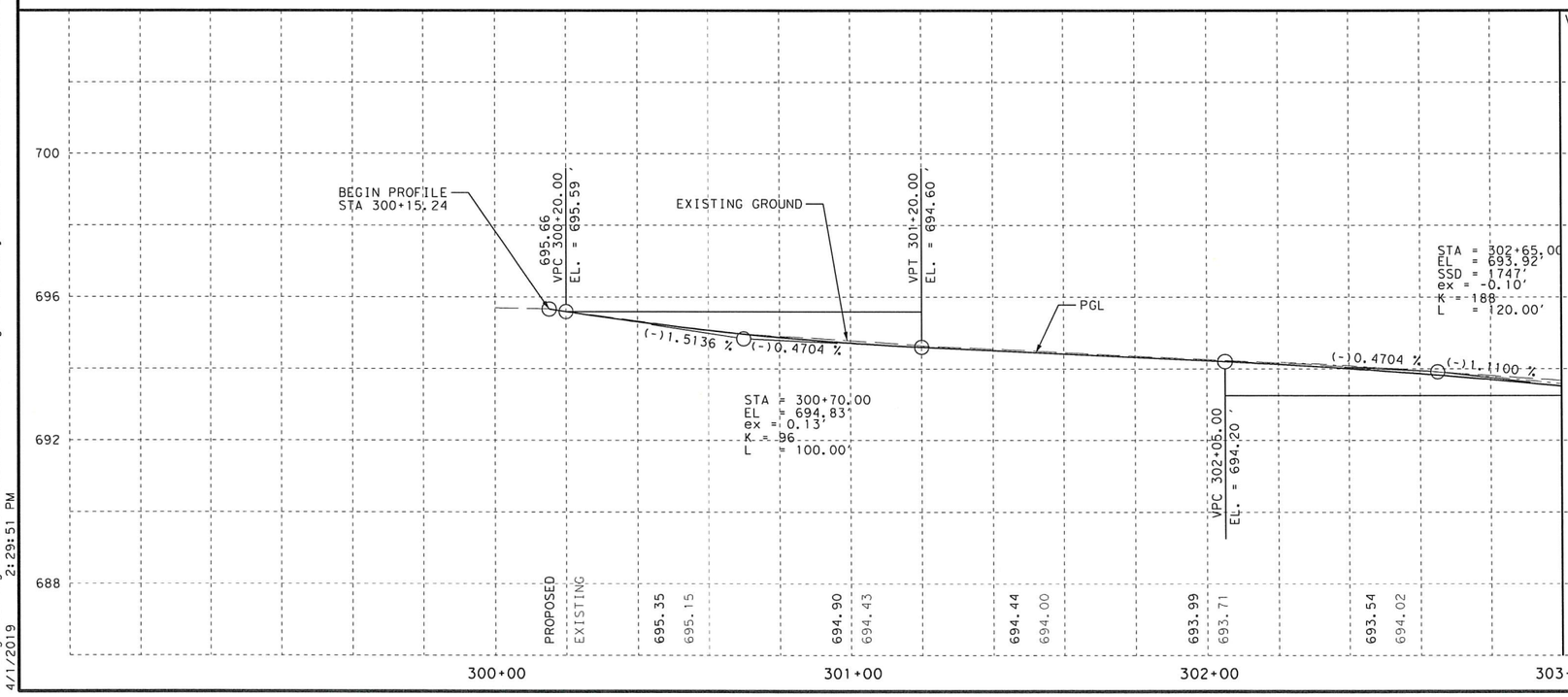


LEGEND

- EXISTING ROW
- TRAFFIC FLOW ARROW
- DRIVEWAY #
- DITCH FLOWLINE
- OHET-1 — OVERHEAD ELECTRIC
- W1-1-D — WATER LINE
- T1-1-D — TELEPHONE

NOTES:

1. SEE HORIZONTAL ALIGNMENT DATA SHEETS FOR CURVE INFORMATION.
2. ALL WORK TO BE COORDINATED WITH ANY ONGOING UTILITY RELOCATIONS AND WITH ANY WORK ASSOCIATED WITH ADJACENT PROJECTS.
3. LOCATION OF UTILITIES ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY PRIOR TO CONSTRUCTION.
4. SEE DRIVEWAY SUMMARY AND DETAILS SHEET FOR DRIVEWAY DIMENSIONS, GRADES & QUANTITIES.
5. UTILITY ELEVATIONS UNKNOWN UNLESS OTHERWISE SHOWN.



20 10 0 20 40
SCALE FEET

STATE OF TEXAS
MAX L. PROCTOR, JR
98321
LICENSED PROFESSIONAL ENGINEER

4/1/2019

NO.	REVISION	BY	DATE

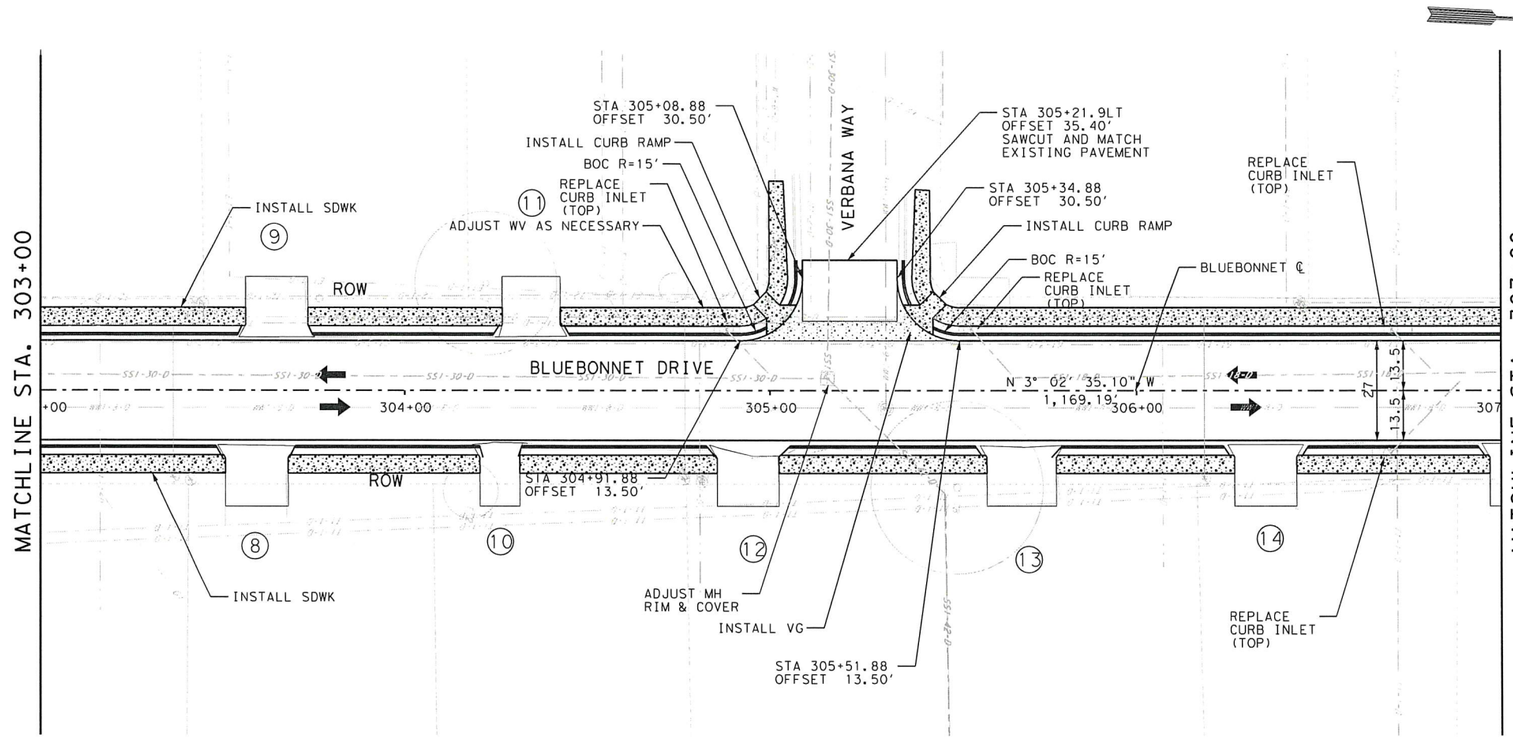
ATG ALLIANCE TRANSPORTATION GROUP
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11500 Metric Blvd, Bldg M-1, Ste 150 • Austin, TX • 78758
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BLUEBONNET DRIVE ROADWAY PLAN & PROFILE

Designed:	EG	SCALE	PROJECT NO		SHEET NO.
Checked:	MLP	NTS			8
Drawn:	BNC	STATE	COUNTY	HWY NO	
Checked:	MLP	TX	WILLIAMSON		

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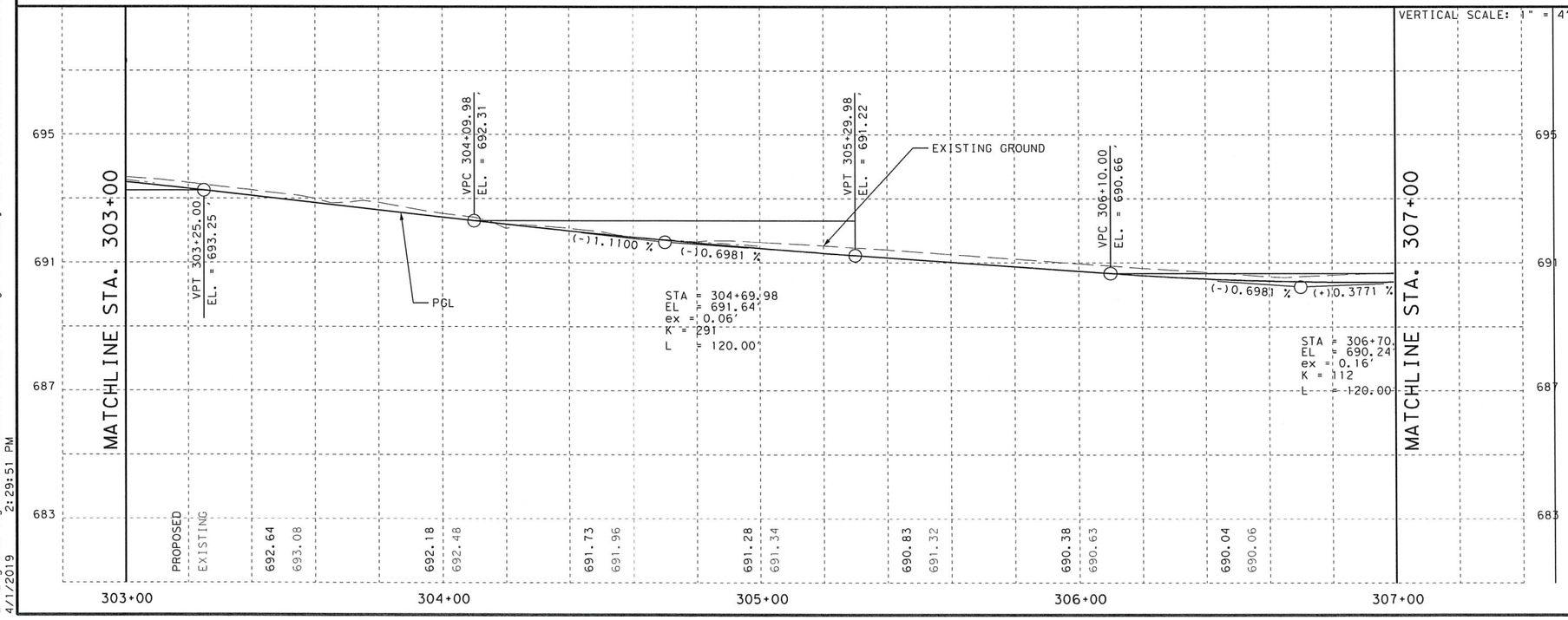
LEGEND

- EXISTING ROW
- TRAFFIC FLOW ARROW
- DRIVEWAY #
- DITCH FLOWLINE
- OHET-1 — OVERHEAD ELECTRIC
- W1-1-D — WATER LINE
- T1-1-D — TELEPHONE

NOTES:

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3. LOCATION OF UTILITIES ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY PRIOR TO CONSTRUCTION.
4. SEE DRIVEWAY SUMMARY AND DETAILS SHEET FOR DRIVEWAY DIMENSIONS, GRADES & QUANTITIES.
5. UTILITY ELEVATIONS UNKNOWN UNLESS OTHERWISE SHOWN.

20 10 0 20 40
SCALE FEET



STATE OF TEXAS
MAX L. PROCTOR, JR
98321
LICENSED
PROFESSIONAL ENGINEER

4/1/2019

NO.	REVISION	BY	DATE

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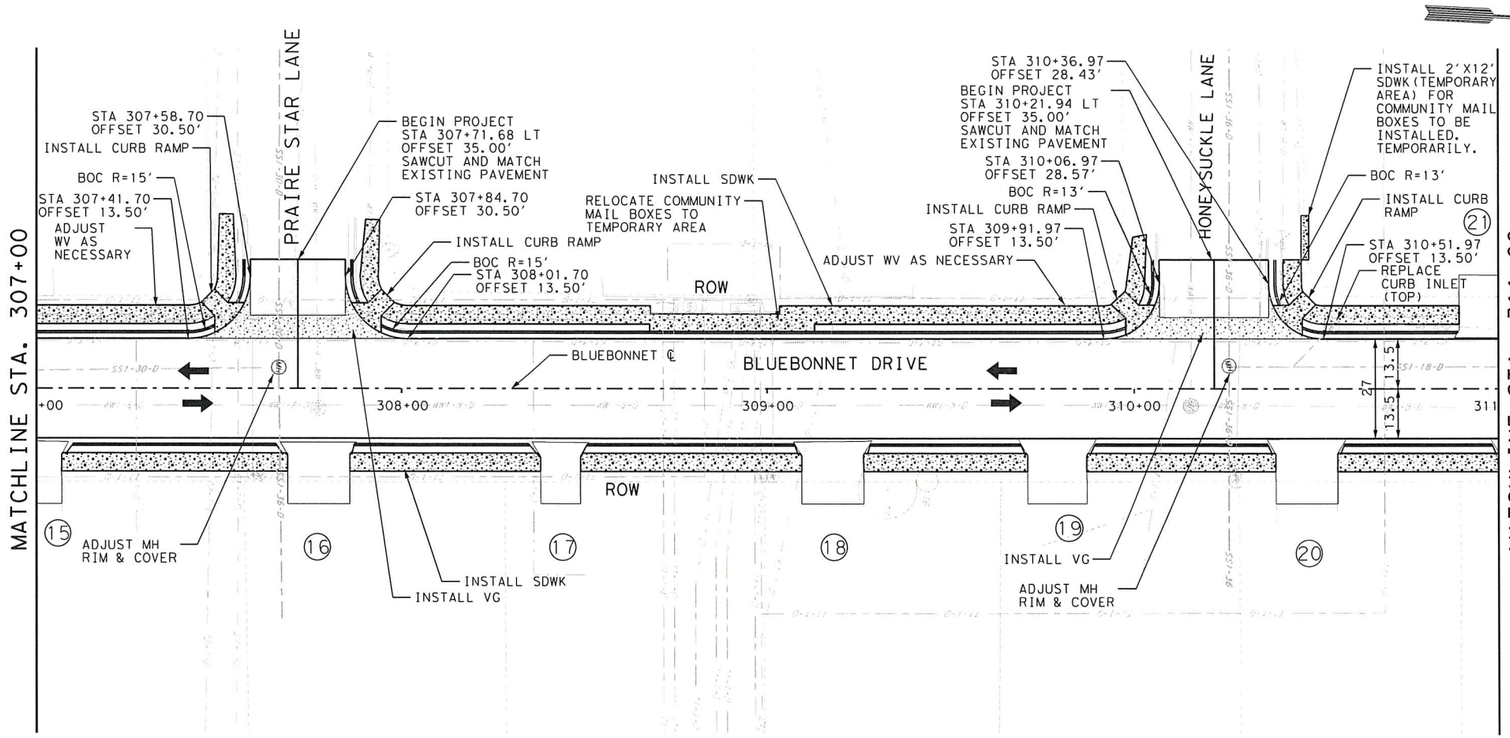
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BLUEBONNET DRIVE
ROADWAY PLAN & PROFILE

Designed:	EG	SCALE		PROJECT NO	SHEET NO.
Checked:	MLP	NTS			9
Drawn:	BNC	STATE	COUNTY	HWY NO	
Checked:	MLP	TX	WILLIAMSON		

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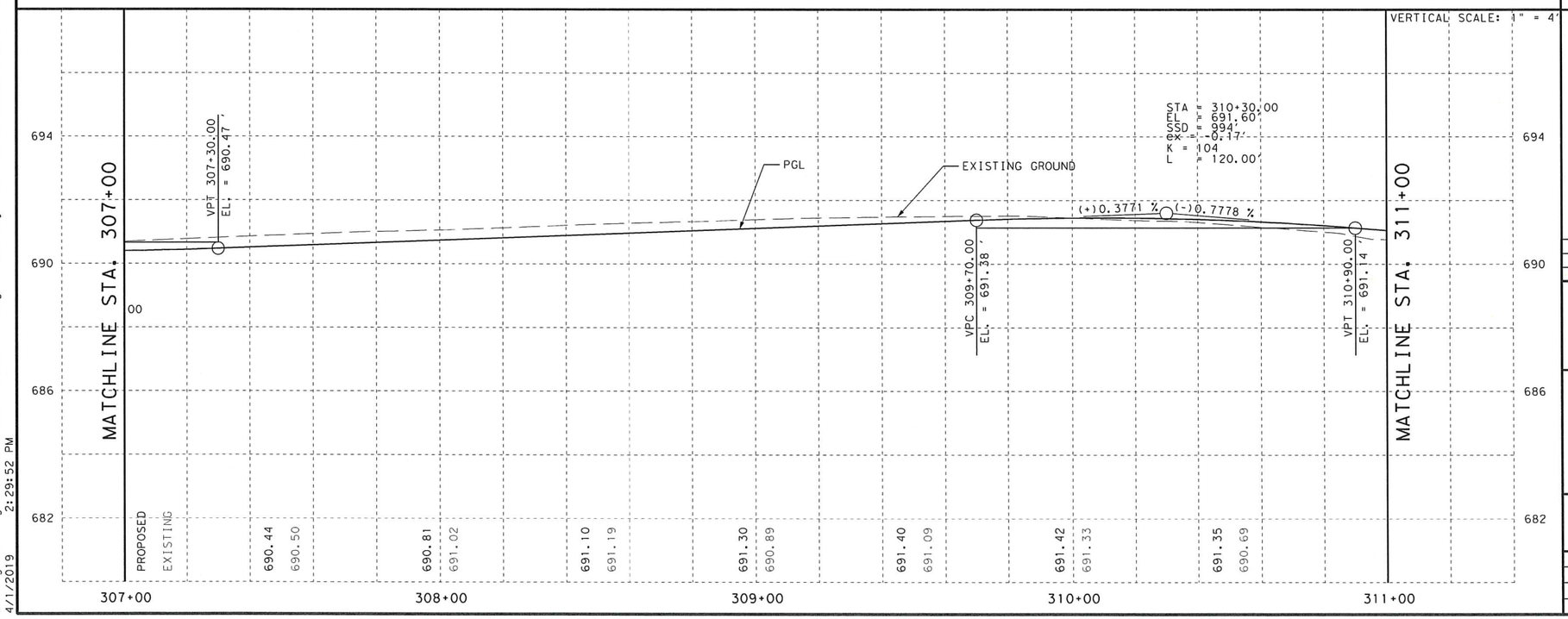


LEGEND

- EXISTING ROW
- TRAFFIC FLOW ARROW
- DRIVEWAY #
- DITCH FLOWLINE
- OHET-1 — OVERHEAD ELECTRIC
- W1-1-D — WATER LINE
- T1-1-D — TELEPHONE

NOTES:

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3. SEE DRIVEWAY SUMMARY AND DETAILS SHEET FOR DRIVEWAY DIMENSIONS, GRADES & QUANTITIES.
4. UTILITY ELEVATIONS UNKNOWN UNLESS OTHERWISE SHOWN.



20 10 0 20 40
SCALE FEET

STATE OF TEXAS
MAX L. PROCTOR, JR
98321
LICENSED PROFESSIONAL ENGINEER
4/1/2019

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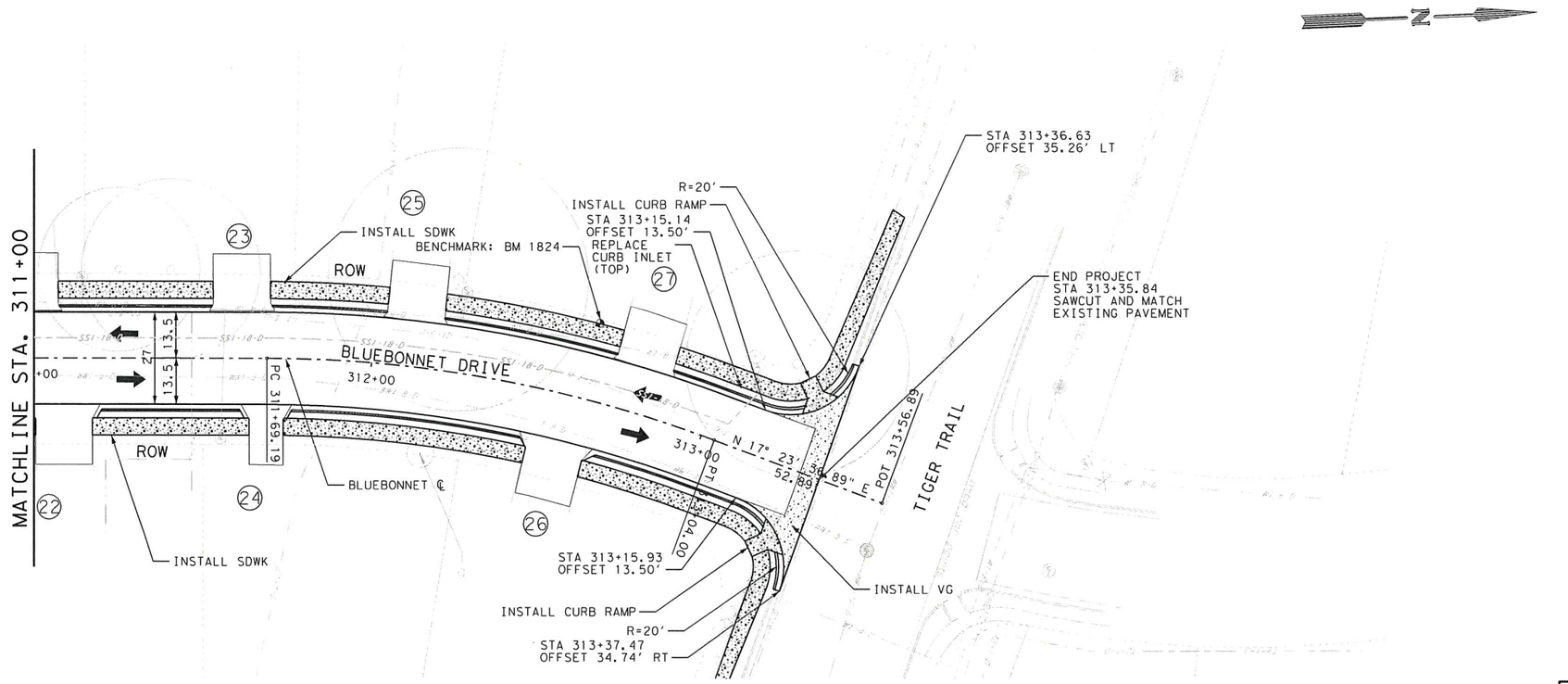
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BLUEBONNET DRIVE ROADWAY PLAN & PROFILE

Designed:	EG	SCALE	PROJECT NO		SHEET NO.
Checked:	MLP	NTS			10
Drawn:	BNC	STATE	COUNTY	HWY NO	
Checked:	MLP	TX	WILLIAMSON		

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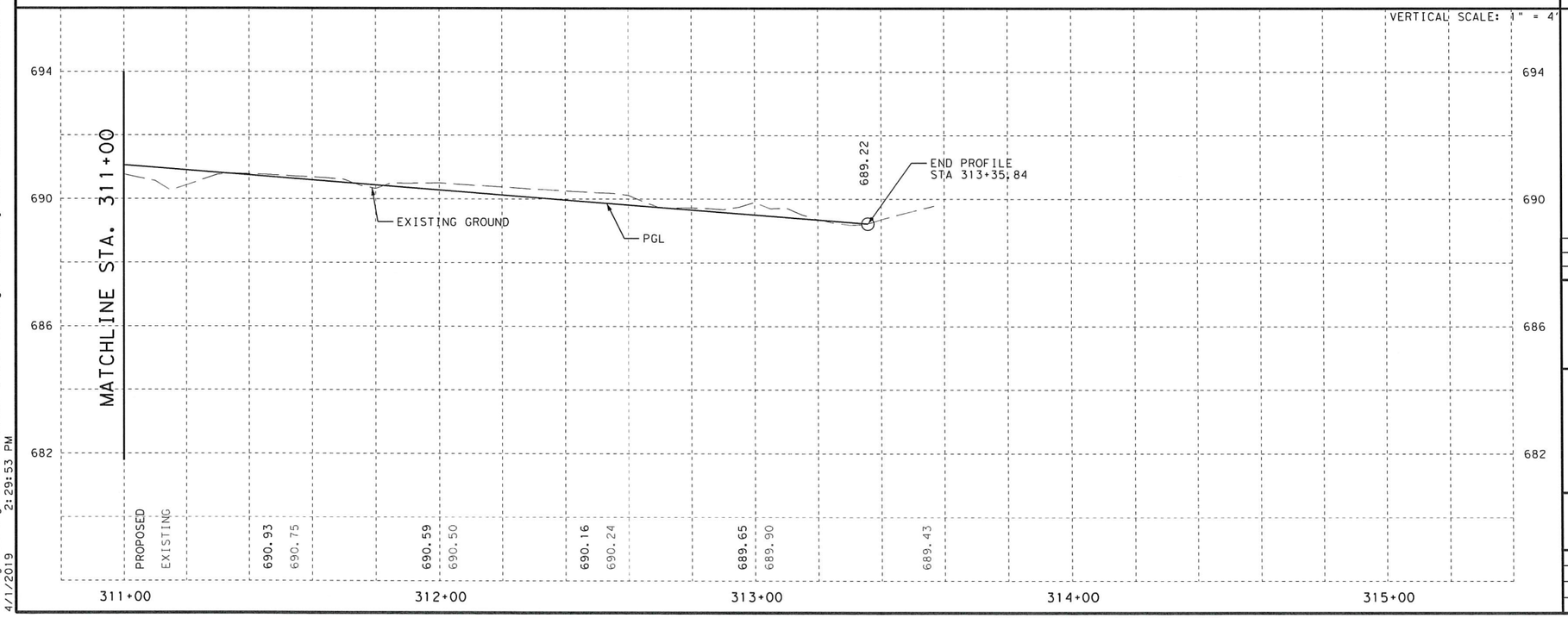
LEGEND

- EXISTING ROW
- TRAFFIC FLOW ARROW
- DRIVEWAY #
- DITCH FLOWLINE
- OHET-1 — OVERHEAD ELECTRIC
- W1-1-D — WATER LINE
- T1-1-D — TELEPHONE

NOTES:

1. SEE HORIZONTAL ALIGNMENT DATA SHEETS FOR CURVE INFORMATION.
2. ALL WORK TO BE COORDINATED WITH ANY ONGOING UTILITY RELOCATIONS AND WITH ANY WORK ASSOCIATED WITH ADJACENT PROJECTS.
3. LOCATION OF UTILITIES ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY PRIOR TO CONSTRUCTION.
4. SEE DRIVEWAY SUMMARY AND DETAILS SHEET FOR DRIVEWAY DIMENSIONS, GRADES & QUANTITIES.
5. UTILITY ELEVATIONS UNKNOWN UNLESS OTHERWISE SHOWN.

SCALE: 20 10 0 20 40 FEET



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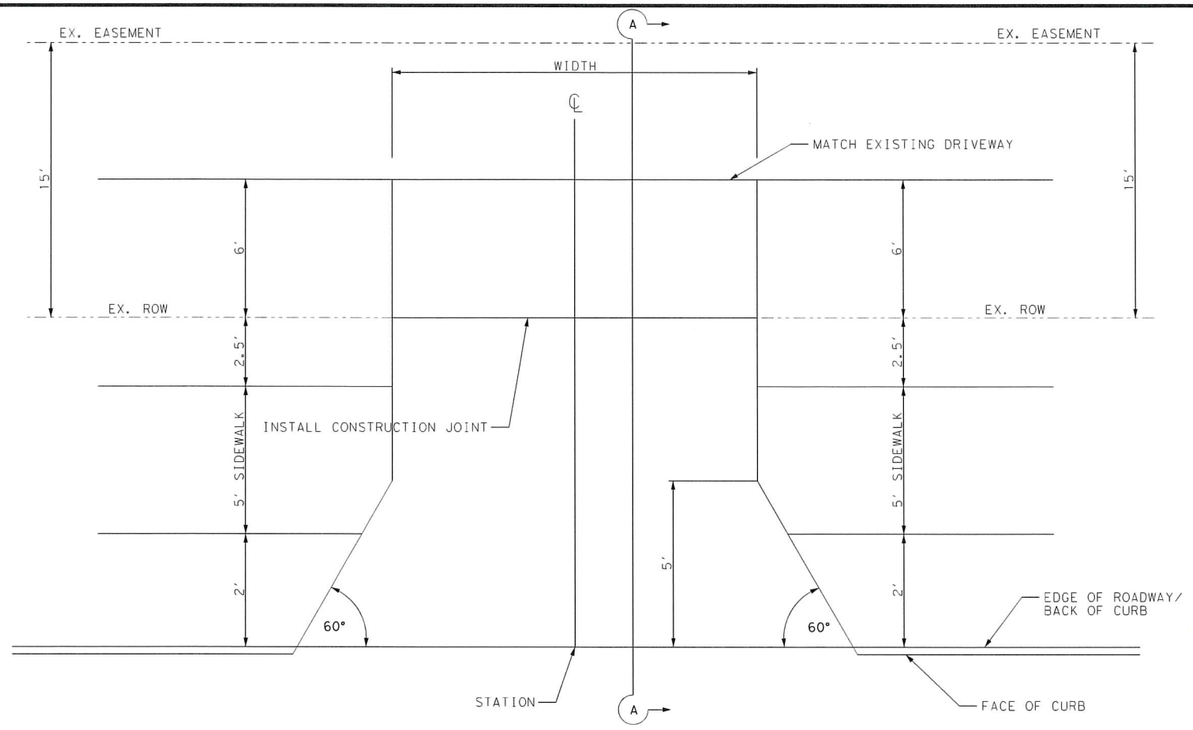
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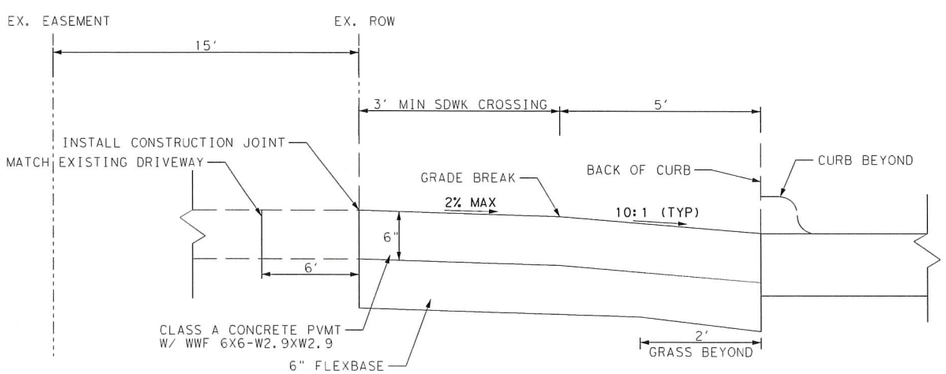
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BLUEBONNET DRIVE ROADWAY PLAN & PROFILE

Designed:	EG	SCALE	PROJECT NO		SHEET NO.
Checked:	MLP	NTS			11
Drawn:	BNC	STATE	COUNTY	HWY NO	
Checked:	MLP	TX	WILLIAMSON		

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SECTION A-A

SEE CDSR-15(AUS)
FOR ADDITIONAL DETAILS

ALIGN	DRIVEWAY NO	STATION	SIDE	WIDTH (FT)	AREA (SY)
BLUEBONNET	1	300+96.21	RT	17	35
BLUEBONNET	2	301+48.29	RT	17	35
BLUEBONNET	3	301+47.52	LT	17	32
BLUEBONNET	4	302+19.25	RT	17	31
BLUEBONNET	5	302+20.44	LT	17	32
BLUEBONNET	6	302+89.26	RT	17	34
BLUEBONNET	7	302+88.95	LT	8	15
BLUEBONNET	8	303+59.47	RT	17	32
BLUEBONNET	9	303+65.08	LT	17	32
BLUEBONNET	10	304+25.90	RT	11	22
BLUEBONNET	11	304+34.74	LT	16	29
BLUEBONNET	12	304+93.85	RT	17	27
BLUEBONNET	13	305+68.61	RT	19	35
BLUEBONNET	14	306+35.21	RT	17	32
BLUEBONNET	15	307+1.82	RT	10	2
BLUEBONNET	16	307+77.23	RT	17	32
BLUEBONNET	17	308+43.28	RT	11	21
BLUEBONNET	18	309+17.80	RT	17	33
BLUEBONNET	19	309+79.10	RT	17	33
BLUEBONNET	20	310+47.30	RT	17	34
BLUEBONNET	21	310+98.38	LT	18	34
BLUEBONNET	22	311+8.92	RT	17	34
BLUEBONNET	23	311+61.84	LT	17	32
BLUEBONNET	24	311+68.79	RT	10	21
BLUEBONNET	25	312+11.85	LT	17	32
BLUEBONNET	26	312+59.17	RT	17	35
BLUEBONNET	27	312+78.64	LT	17	31

NOTES:

1. DRIVEWAYS GREATER THAN 8' IN WIDTH SHALL BE CONSTRUCTED 1/2 WIDTH AT A TIME AND MAINTAIN ACCESE TO ADJACENT PROPERTIES AT ALL TIMES.
2. CONSTRUCTION OF DRIVEWAYS 8' IN WIDTH OR LESS SHALL BE COORDINATED WITH ADJACENT PROPERTY OWNERS TO SCHEDULE CONSTRUCTION ACTIVITIES AT TIME WHEN ACCESS IS NOT REQUIRED.

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BLUEBONNET DRIVE DRIVEWAY DETAILS

Designed:	EG	SCALE		PROJECT NO	SHEET NO.
Checked:	MLP	NTS			12
Drawn:	BNC	STATE	COUNTY	HWY NO	
Checked:	MLP	TX	WILLIAMSON		

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SEQUENCE OF WORK

(1)THIS PROJECT WILL BE CONSTRUCTED IN (2) PHASES. BEFORE THE COMMENCEMENT OF EACH PHASE, INSTALL ADVANCE WARNING SIGNS, TEMPORARY SIGNS AND BARRICADES AS SHOWN ON THE PLANS AND/OR AS DIRECTED/APPROVED BY THE ENGINEER. DAILY LANE CLOSURES WILL BE USED IN ACCORDANCE WITH STATE TCP STANDARDS. DROP OFF CONDITIONS OF GREATER THAN 2" MUST HAVE A 3:1 SLOPE AT THE END OF EACH DAY, AS WELL AS THROUGHOUT THE PROJECT WHERE ACCESS TO ADJACENT PROPERTIES IS ALLOWED TO DRIVEWAYS AND SIDE STREETS.

(2)PREPARING ROW / REMOVAL OF EXISTING ITEMS TO BE DONE ONLY IN AREAS WHERE WORK IS OCCURING, AS PER THE PHASES NOTED BELOW.

(3)ACCESS TO ADJACENT PROPERTIES SHALL REMAIN OPEN AT ALL TIMES.

(4)PLANING, SURFACE TREATMENTS AND OVERLAYS SHALL BE PERFORMED IN THE DIRECTION OF TRAFFIC.

(5)A BRIEF DESCRIPTION OF THESE PHASES ARE AS FOLLOWS:

PHASE I

THE INTENT OF THIS PHASE IS TO RECONSTRUCT THE EXISTING SOUTHBOUND ROADWAY FOR THE ENTIRE PROJECT LIMITS.

STEP A

1.) INSTALL ADVANCED WARNING SIGNS, TEMPORARY SIGNS AND BARRICADES AS SHOWN ON THE PLANS AND/OR AS DIRECTED BY THE ENGINEER.

2.) PLACE SW3P MEASURES BEFORE ANY ROAD WORK BEGINS.

3.) THE CONTRACTOR SHALL THEN BEGIN RECONSTRUCTING THE SOUTHBOUND ROADWAY FROM THE BEGINNING OF THE PROJECT TO END.

STEP B

1.)CONSTRUCT THE SOUTHBOUND ROADWAY. CONTRACTOR SHALL PERFORM ROADWAY CONSTRUCTION USING ONE-WAY TRAFFIC CONTROL.

2.)PLACE SIGNING WITHIN PROJECT LIMITS ACCORDING TO BC (2)-4.

3.)REROUTE TRAFFIC THROUGH NORTHBOUND LANE AS SHOWN IN PLANS.

4.)POST TCEQ SMALL CONSTRUCTION SITE NOTICE AND INSTALL RAIN GAUGE.

5.)PLACE TEMPORARY EROSION CONTROL DEVICES AS SHOWN IN THE PLANS,

AND AS DIRECTED BY THE ENGINEER, PRIOR TO BEGINNING ANY OTHER WORK

CLEAR AND GRUB ROW AND STOCKPILE TOP SOIL.

6.)MILL AND EXCAVATE EXISTING ROADWAY TO PROPOSED SUBGRADE ELEVATION.

7.)STABALIZE SUBGRADE WITH 6% LIME SLURRY AND PLACE PAVMENT SECTION AS SHOWN IN TYPICAL SECTION SHEET.

8.)PLACE ROADWAY AT FINAL GRADE.

9.)INSTALL DRIVEWAYS, VALLEY GUTTER, CURB & GUTTER, SIDEWALK AND PEDESTRIAN RAMPS AS SHOWN ON PLANS.

PHASE II

THE INTENT OF THIS PHASE IS TO RECONSTRUCT THE EXISTING NORTHBOUND ROADWAY FOR THE ENTIRE PROJECT LIMITS.

STEP A

1.) INSTALL ADVANCED WARNING SIGNS, TEMPORARY SIGNS AND BARRICADES AS SHOWN ON THE PLANS AND/OR AS DIRECTED BY THE ENGINEER.

2.) PLACE SW3P MEASURES BEFORE ANY ROAD WORK BEGINS.

3.) SHIFT TRAFFIC TO NEW RECONSTRUCTED SOUTHBOUND ROADWAY PER THE PROPOSED TCP LAYOUTS.

STEP B

1.)CONSTRUCT THE NORTHBOUND ROADWAY. CONTRACTOR SHALL PERFORM ROADWAY CONSTRUCTION USING ONE-WAY TRAFFIC CONTROL

2.)PLACE SIGNING WITHIN PROJECT LIMITS ACCORDING TO BC (2)-4

3.)REROUTE TRAFFIC THROUGH SOUTHBOUND LANE AS SHOWN IN PLANS.

4.)POST TCEQ SMALL CONSTRUCTION SITE NOTICE AND INSTALL RAIN GAUGE.

5.)PLACE TEMPORARY EROSION CONTROL DEVICES AS SHOWN IN THE PLANS,

AND AS DIRECTED BY THE ENGINEER, PRIOR TO BEGINNING ANY OTHER WORK

CLEAR AND GRUB ROW AND STOCKPILE TOP SOIL.

6.)MILL AND EXCAVATE EXISTING ROADWAY TO PROPOSED SUBGRADE ELEVATION.

7.)STABALIZE SUBGRADE WITH 6% LIME SLURRY AND PLACE PAVMENT SECTION AS SHOWN IN TYPICAL SECTION SHEET.

8.)PLACE ROADWAY ROADSIDE AT FINAL GRADE.

9.)INSTALL DRIVEWAYS, VALLEY GUTTER, CURB & GUTTER, SIDEWALK AND PEDESTRIAN RAMPS AS SHOWN ON PLANS.

10.) INSTALL TOP SOIL, FERTILIZER, SOD AT ALL AREAS AS SHOWN ON PLANS.

11.)WATER REVEGETATED AREAS UNTIL GRASS IS ESTABLISHED.

12.)REMOVE EROSION CONTROL DEVICES

13.) FINAL CLEAN UP

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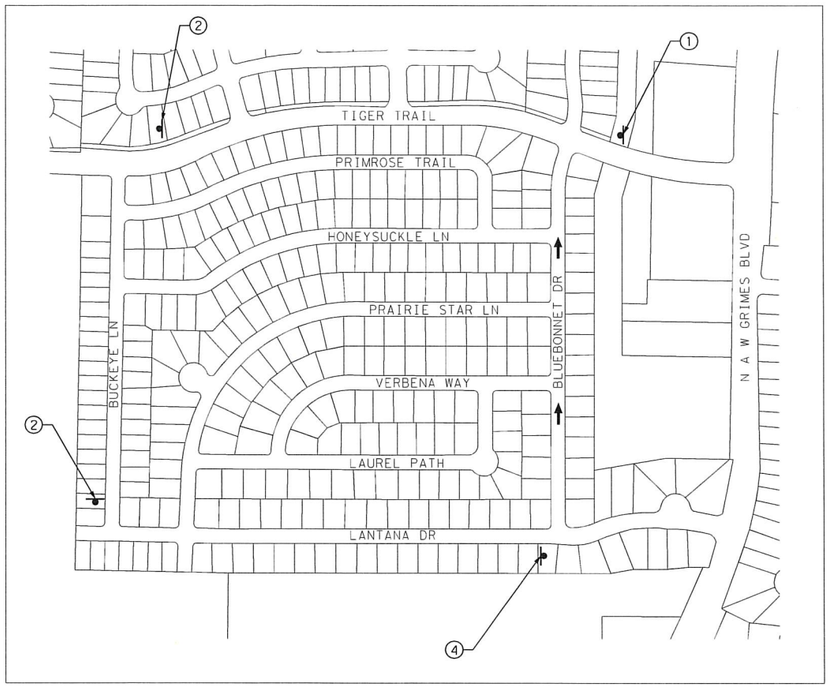
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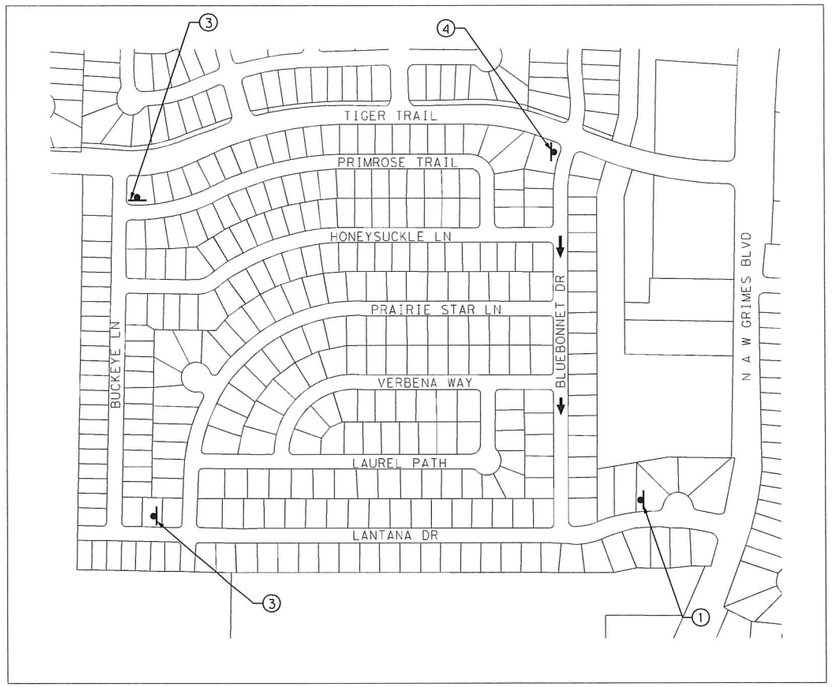
BLUEBONNET DRIVE
TCP NARRATIVE

Designed:	EG	SCALE		PROJECT NO	SHEET NO.
Checked:	MLP	NTS			
Drawn:	BNC	STATE	COUNTY	HWY NO	13
Checked:	MLP	TX	WILLIAMSON		

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PHASE 1



PHASE 2

LEGEND

- SIGN
- TRAFFIC FLOW

N

① BLUEBONNET DR / DETOUR — M4 - 12T; M4 - 9S 24"x 30"

② BLUEBONNET DR / DETOUR — M4 - 12T; M4 - 9L 24"x 30"

③ BLUEBONNET DR / DETOUR — M4 - 12T; M4 - 9R 24"x 30"

④ BLUEBONNET DR / END DETOUR — M4 - 12T; M4 - 8a 18"x 24"

N.T.S

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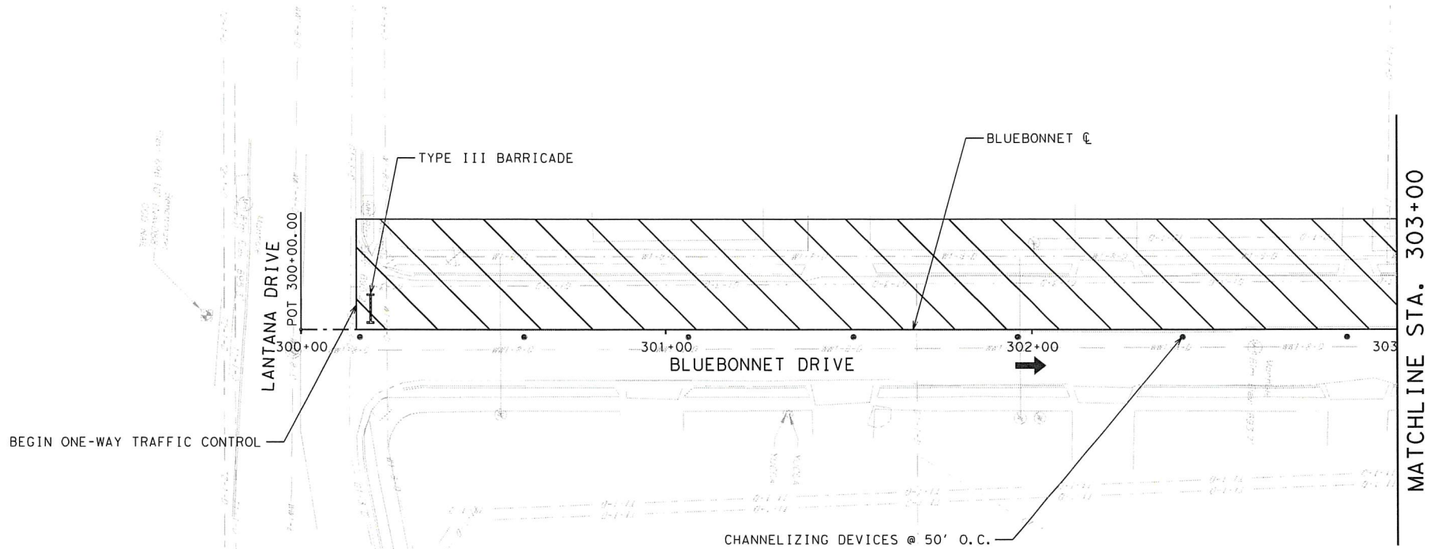
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BLUEBONNET DRIVE
DETOUR LAYOUT

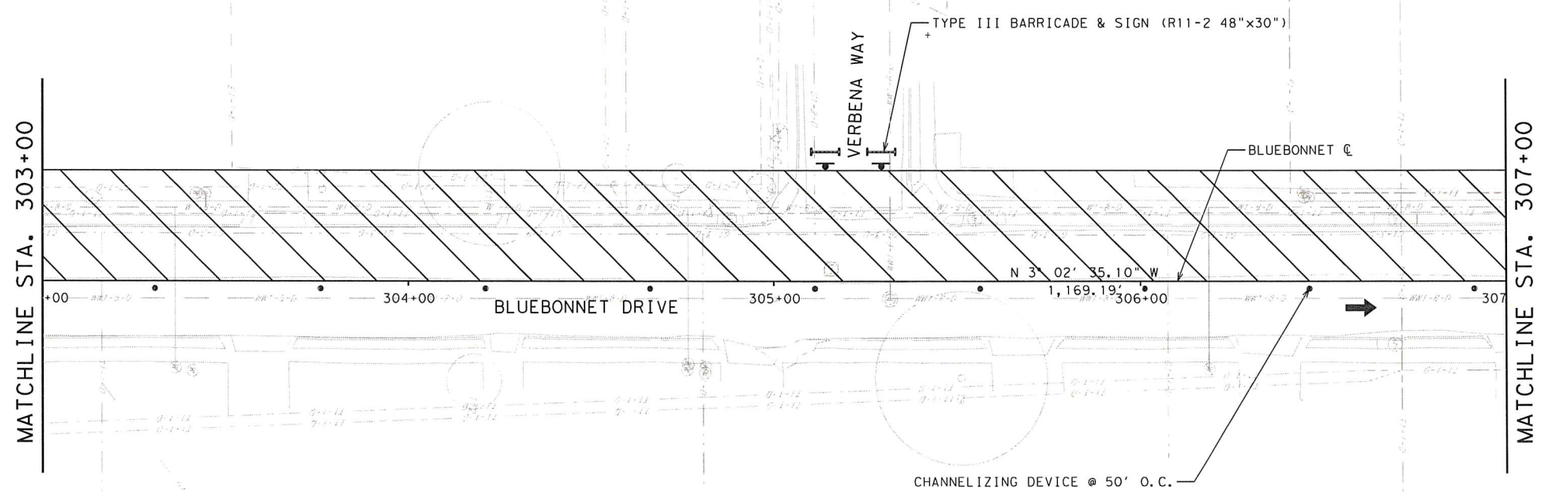
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LEGEND

- TYPE III BARRICADE
- SIGN
- CHANNELIZING DEVICE
- TRAFFIC FLOW
- CONSTRUCTION THIS PHASE



20 10 0 20 40
SCALE FEET

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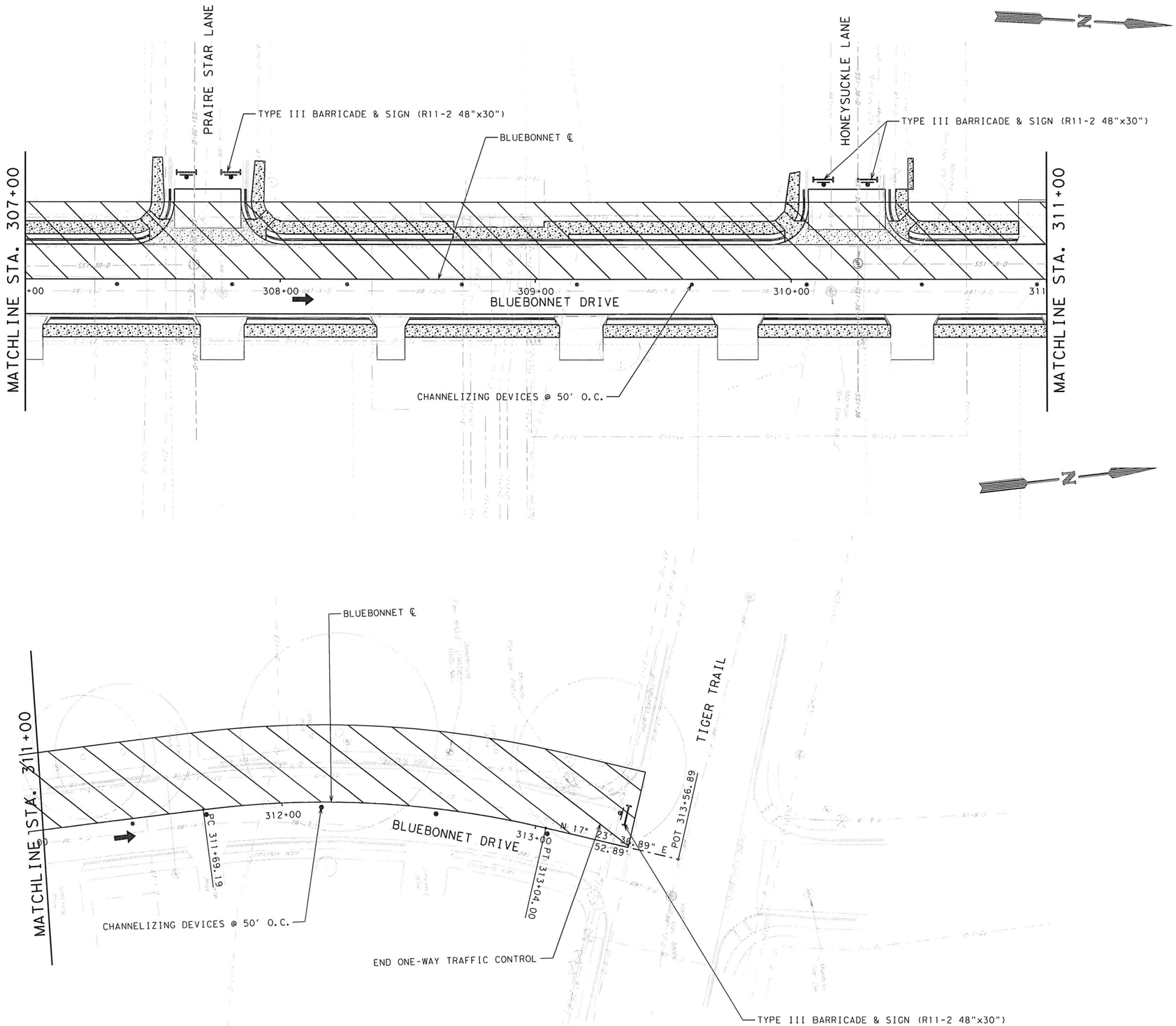
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BLUEBONNET DRIVE
TRAFFIC CONTROL PLAN PHASE I

Designed:	EG	SCALE		PROJECT NO	SHEET NO.
Checked:	MLP	NTS			
Drawn:	BNC	STATE	COUNTY	HWY NO	15
Checked:	MLP	TX	WILLIAMSON		

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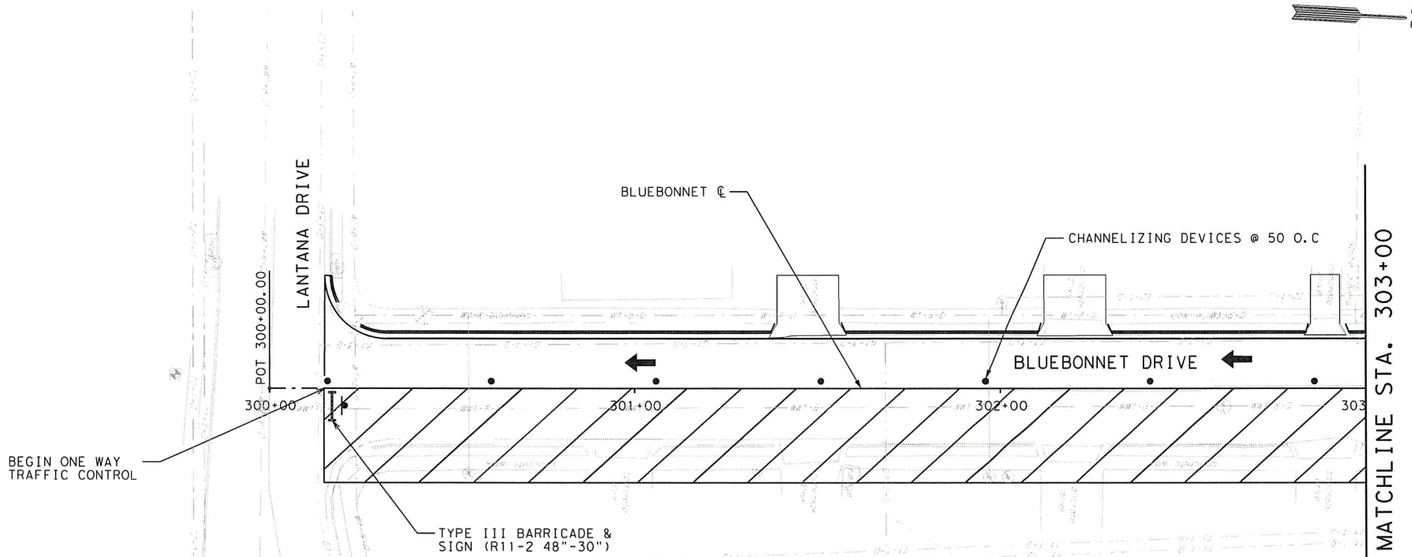
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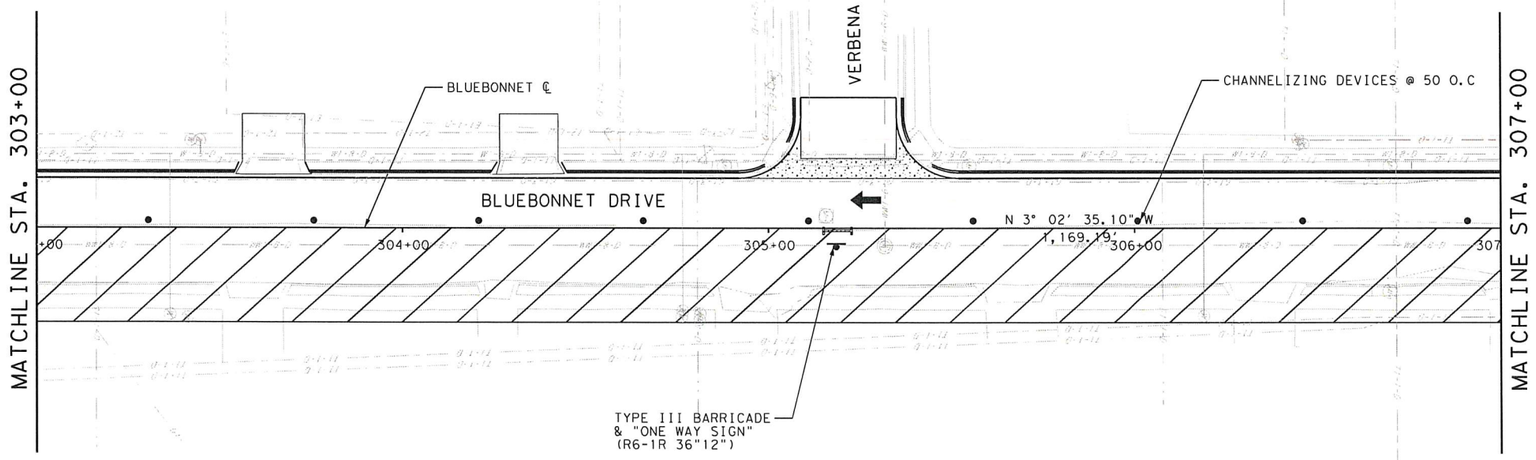
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BLUEBONNET DRIVE
TRAFFIC CONTROL PLAN PHASE I

Designed:	EG	SCALE		PROJECT NO	SHEET NO.
Checked:	MLP	NTS			16
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Checked:	MLP	TX	WILLIAMSON		

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LEGEND

- TYPE III BARRICADE
- SIGN
- CHANNELIZING DEVICE
- TRAFFIC FLOW
- CONSTRUCTION THIS PHASE

N

20 10 0 20 40
SCALE FEET

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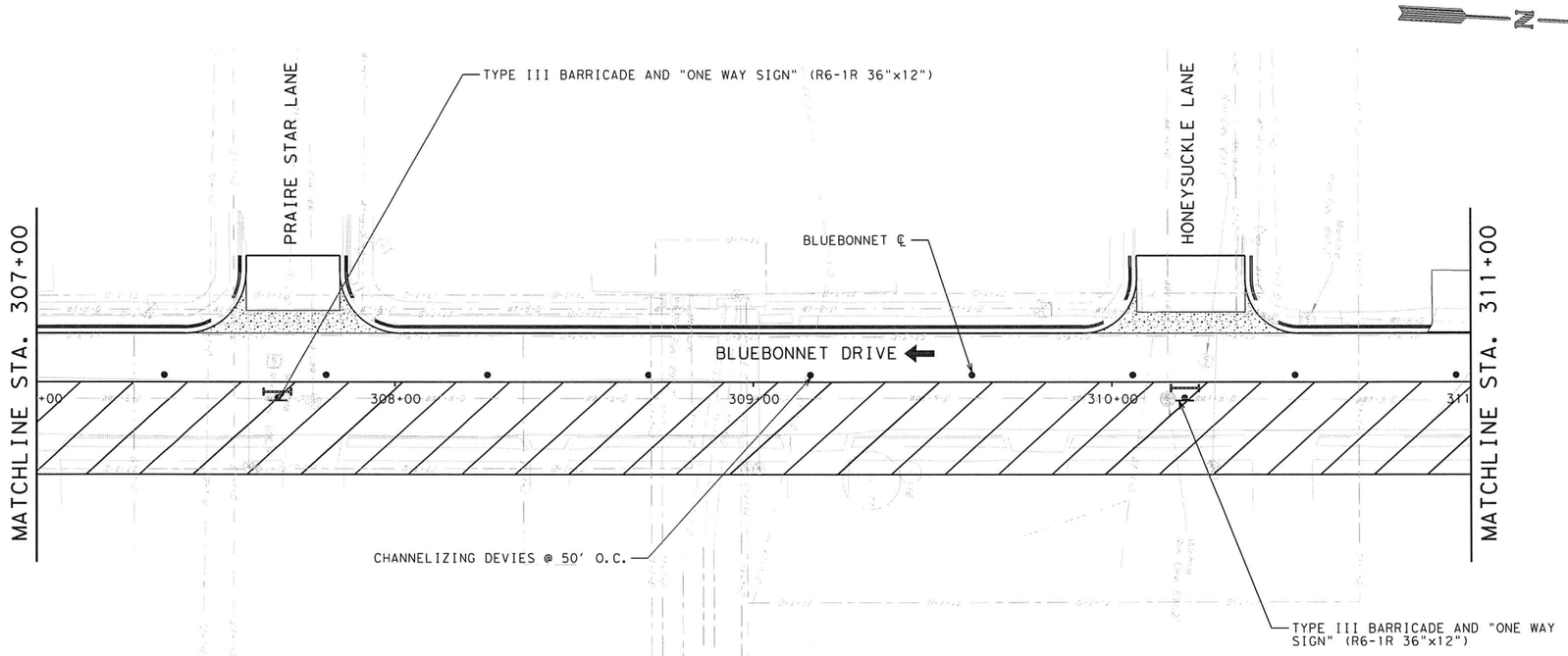
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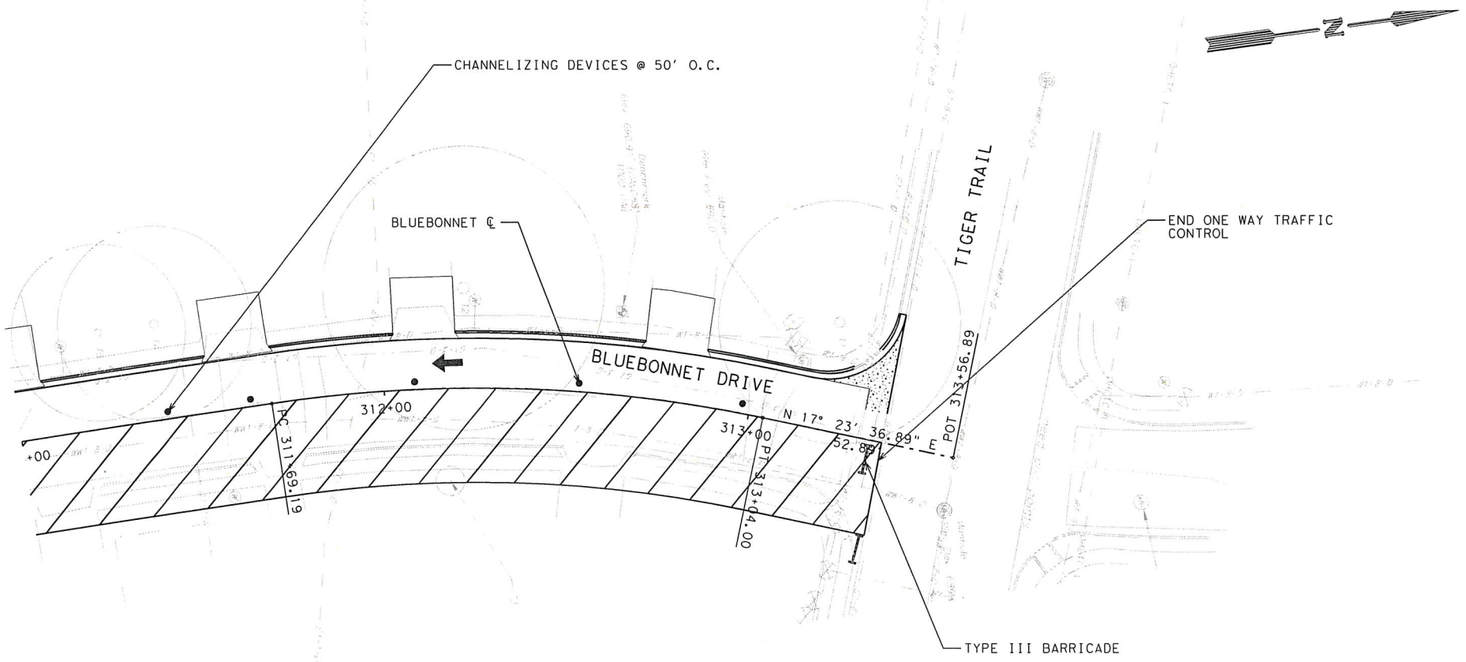
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BLUEBONNET DRIVE
TRAFFIC CONTROL PLAN PHASE 2

Designed:	EG	SCALE		PROJECT NO	SHEET NO.
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Drawn:	BNC	STATE	COUNTY	HWY NO	17
Checked:	MLP	TX	WILLIAMSON		

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LEGEND

- TYPE III BARRICADE
- SIGN
- CHANNELIZING DEVICE
- TRAFFIC FLOW
- CONSTRUCTION THIS PHASE

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SCALE FEET

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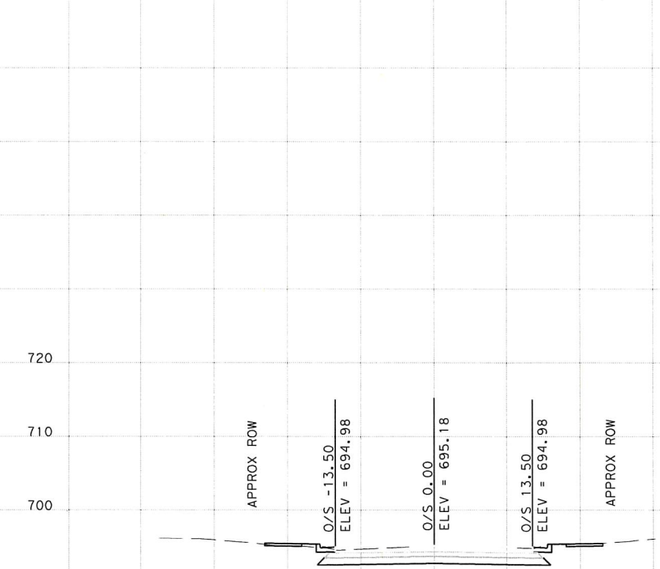
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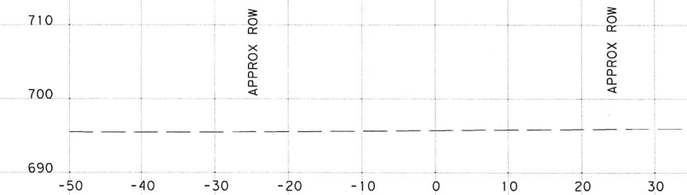
BLUEBONNET DRIVE
TRAFFIC CONTROL PLAN PHASE 2

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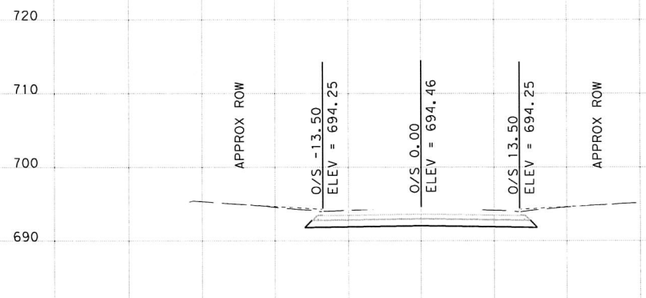
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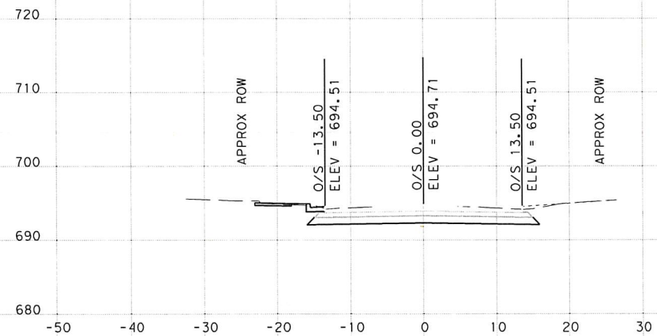
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2 Apr 2019

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SCALE HORZ 0' 10' 20' VERT 0' 10' 20'

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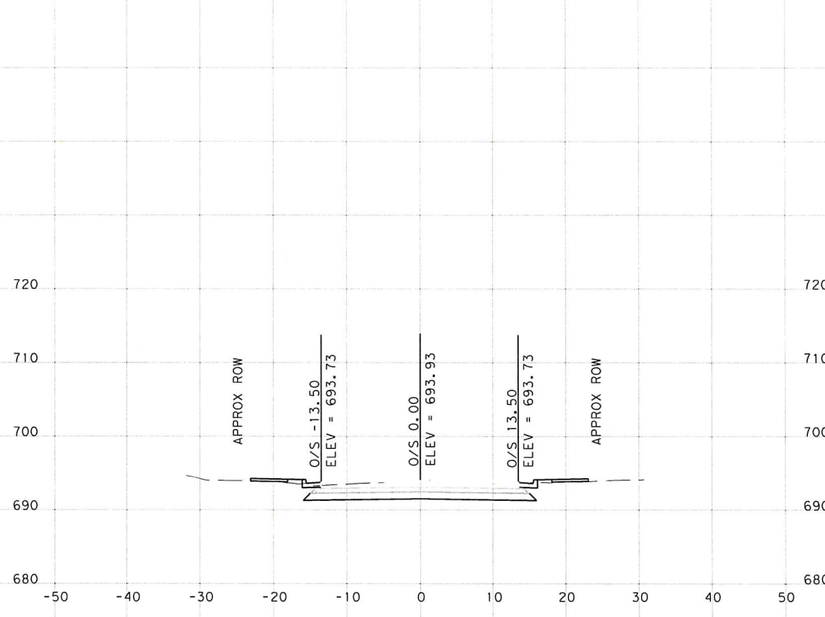
WILLIAMSON COUNTY 1848

BLUEBONNET DRIVE CROSS SECTIONS

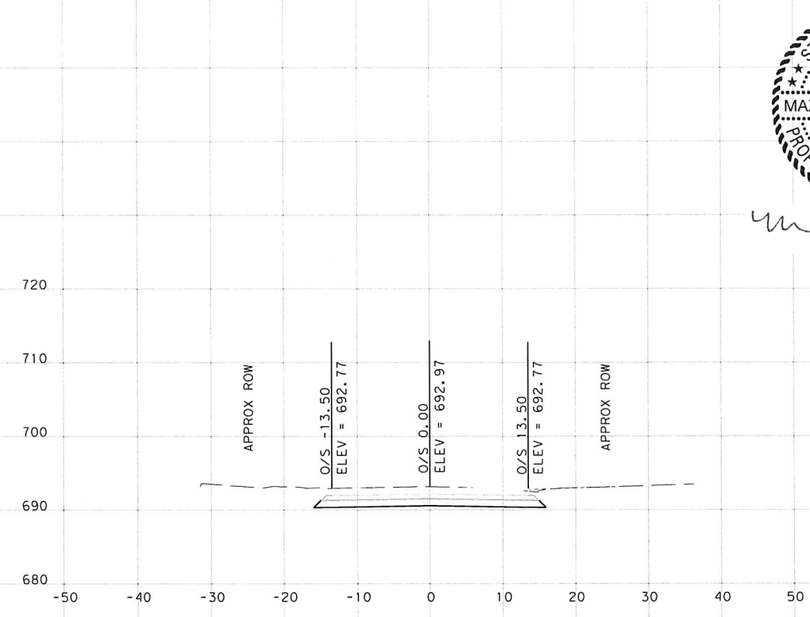
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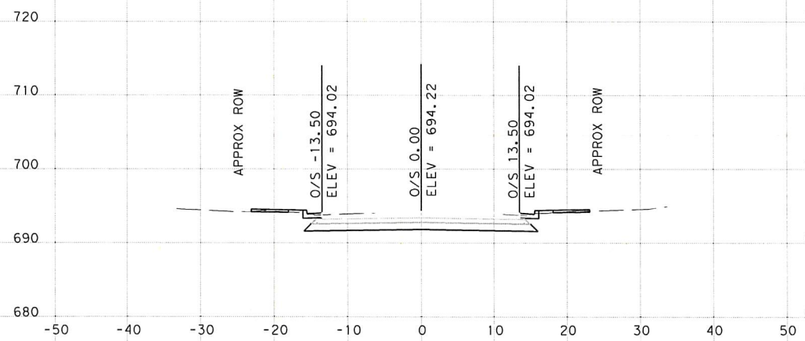
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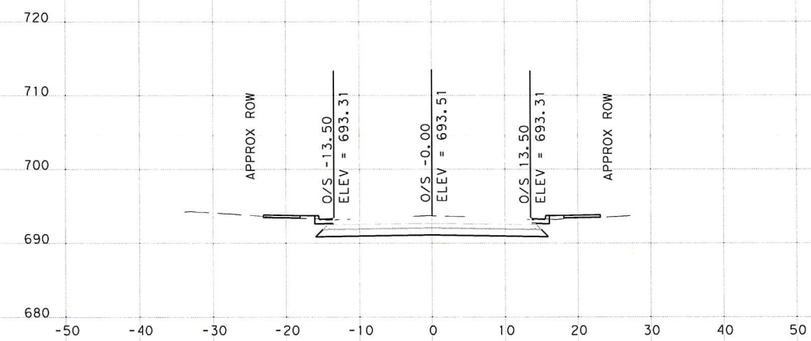
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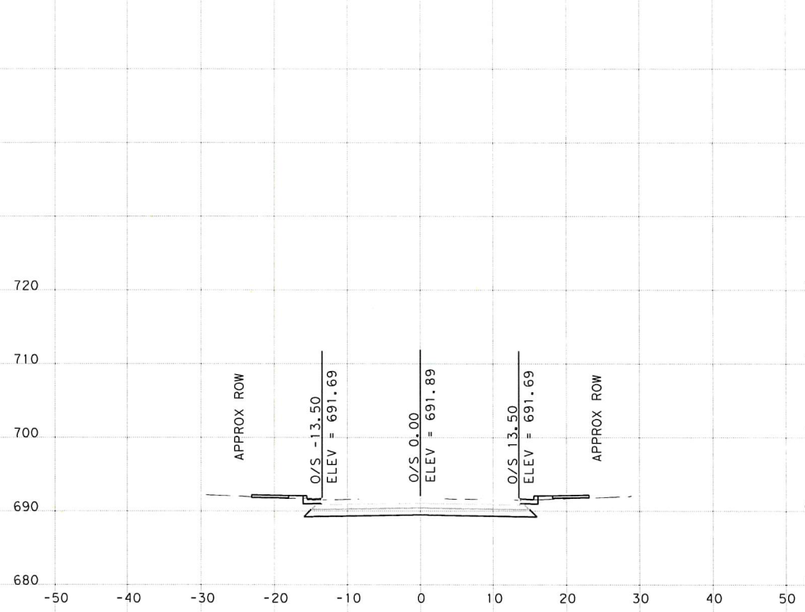
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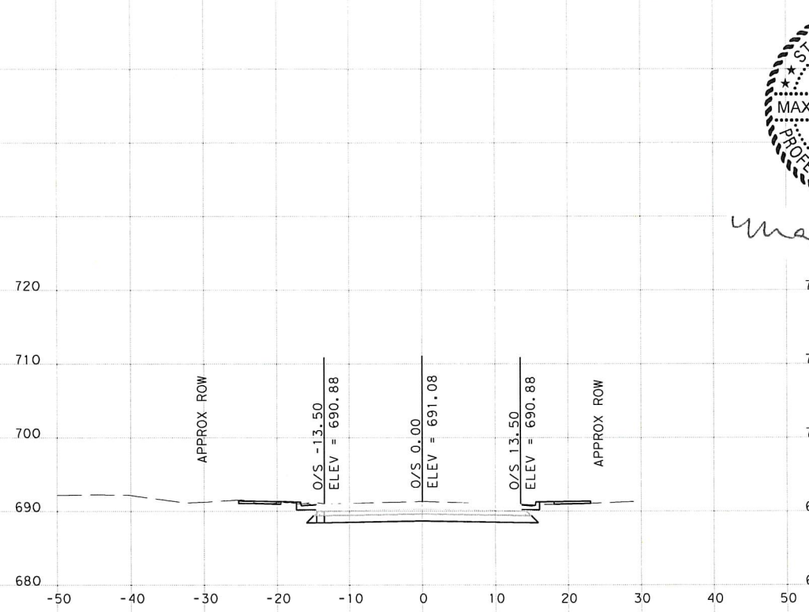
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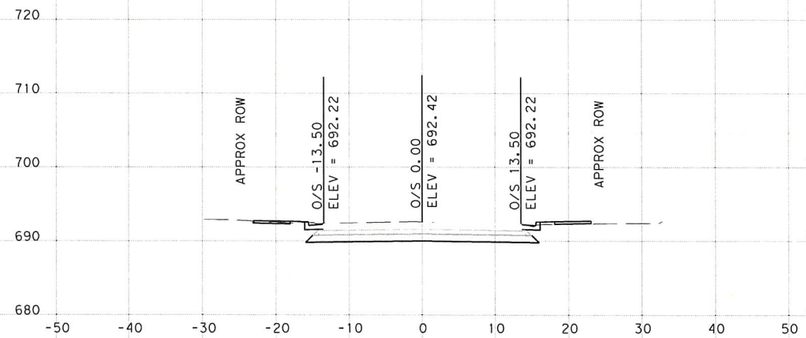
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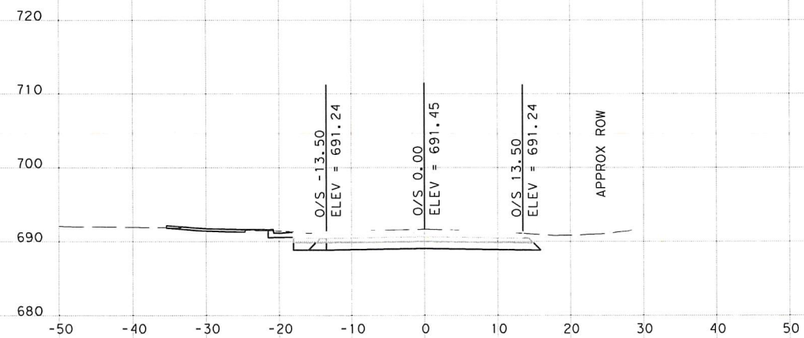
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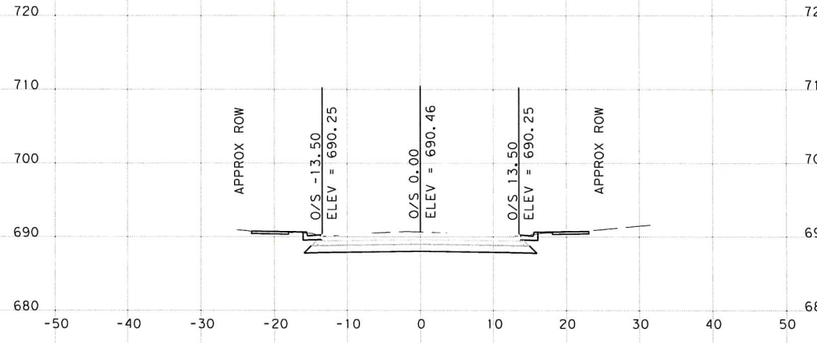
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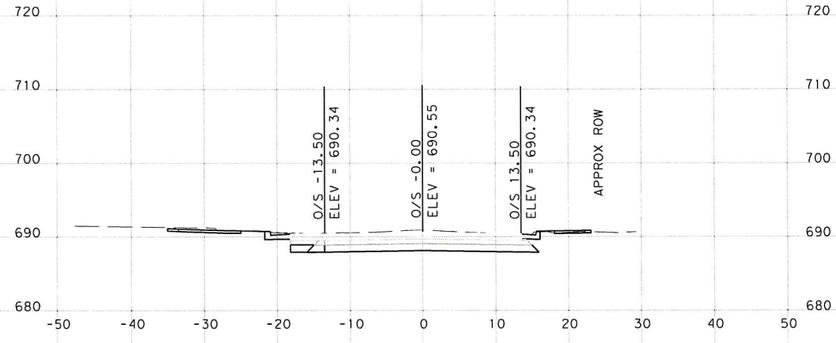
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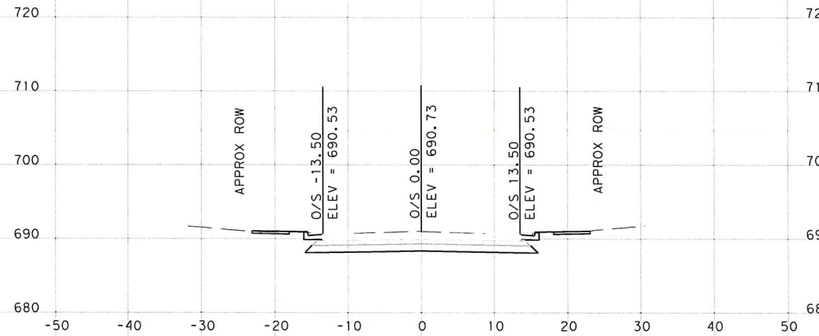
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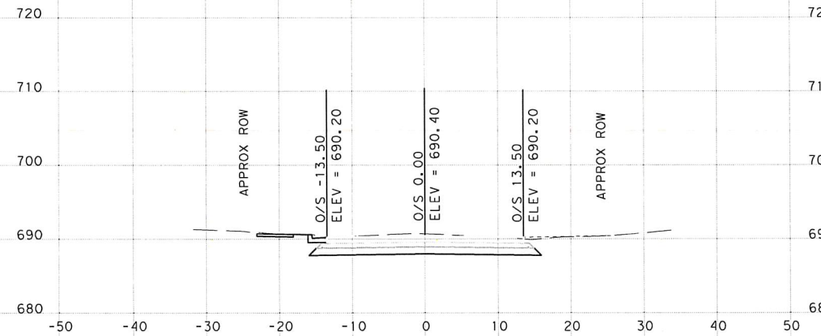
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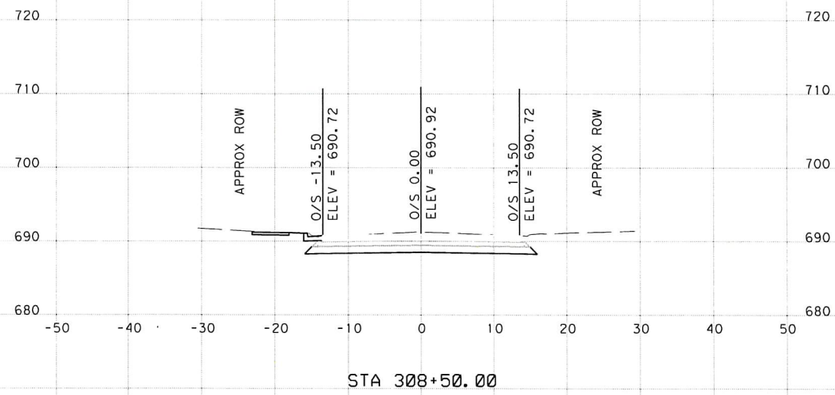
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BLUEBONNET DRIVE
CROSS SECTIONS

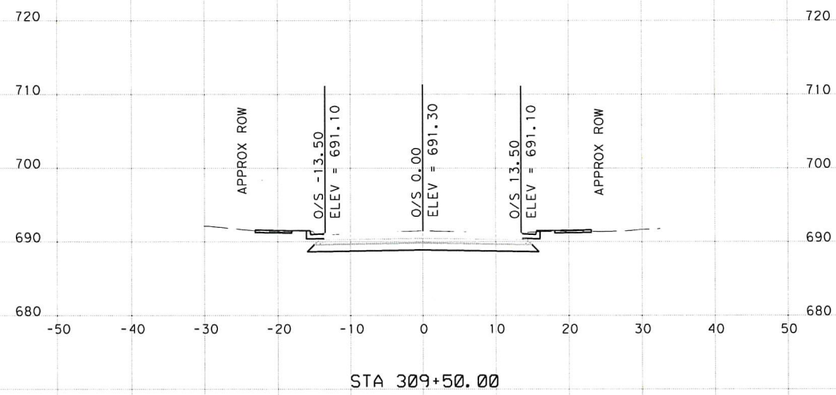
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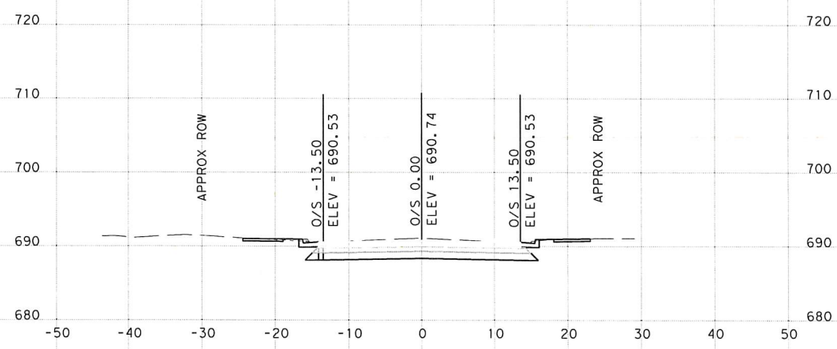
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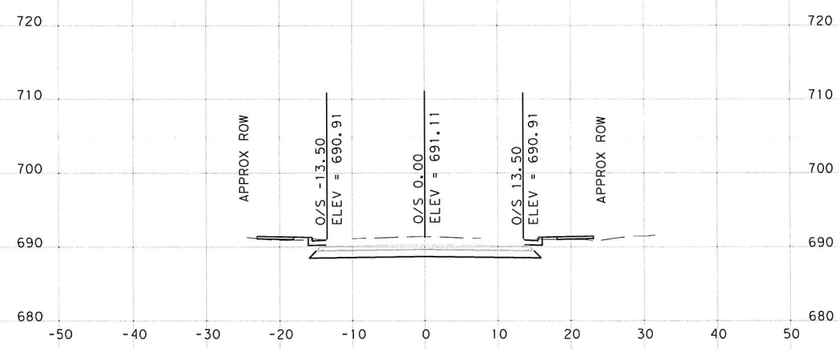
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VERT 0' 10' 20'

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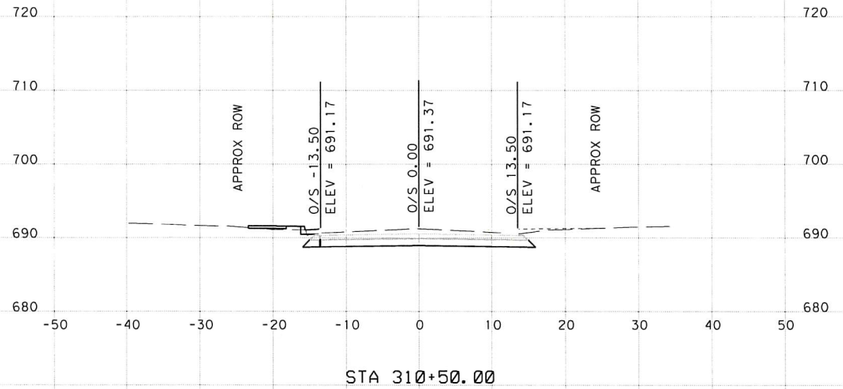
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BLUEBONNET DRIVE CROSS SECTIONS

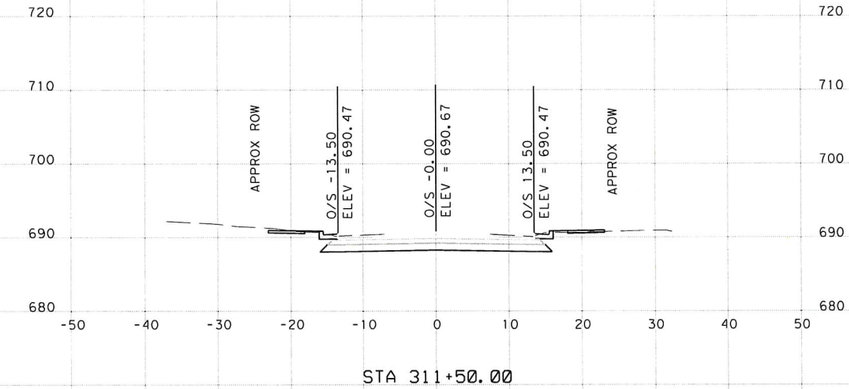
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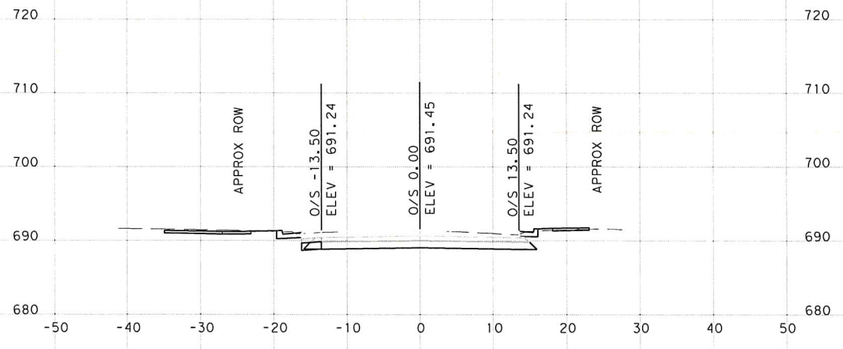
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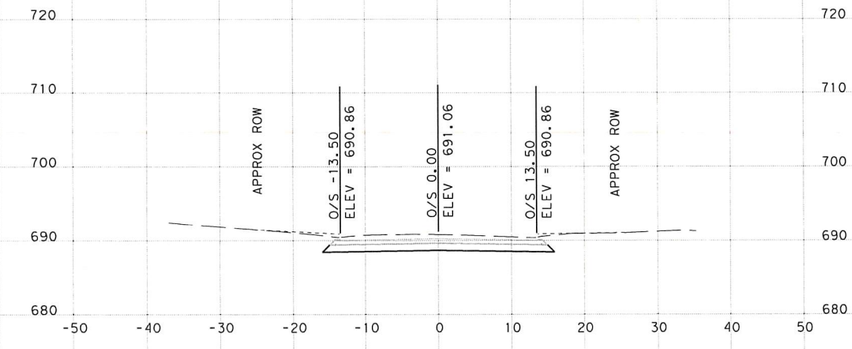
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SCALE HORZ 0' 10' 20'
VERT 0' 10' 20'

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BLUEBONNET DRIVE CROSS SECTIONS

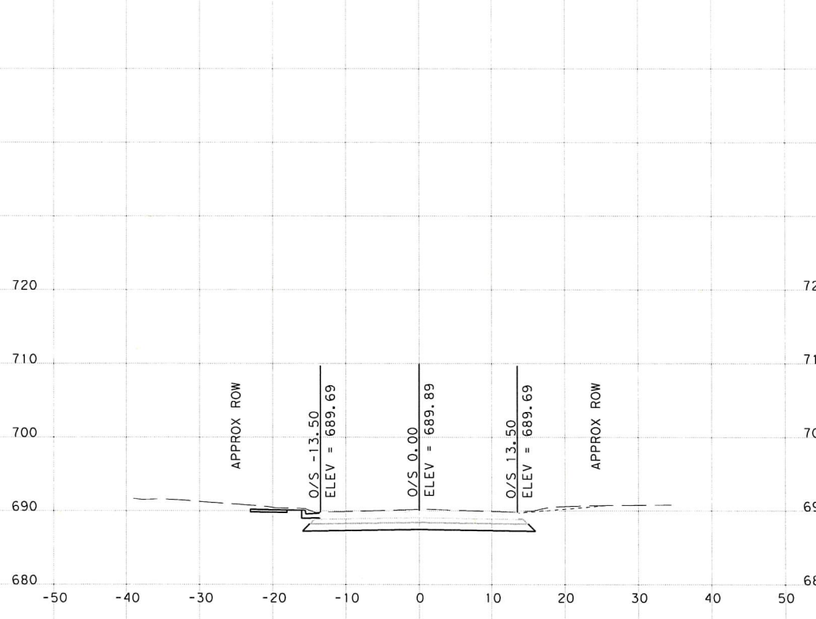
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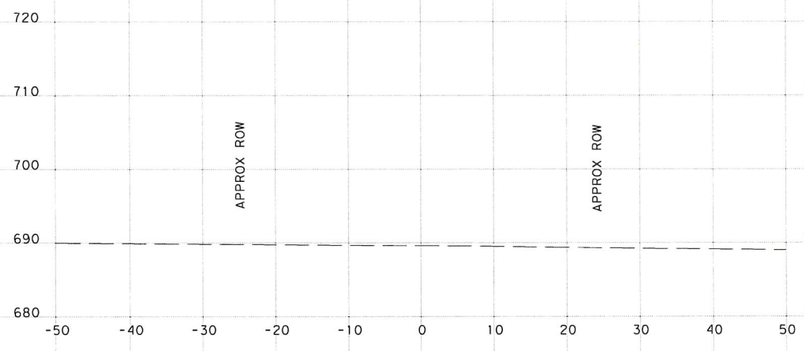
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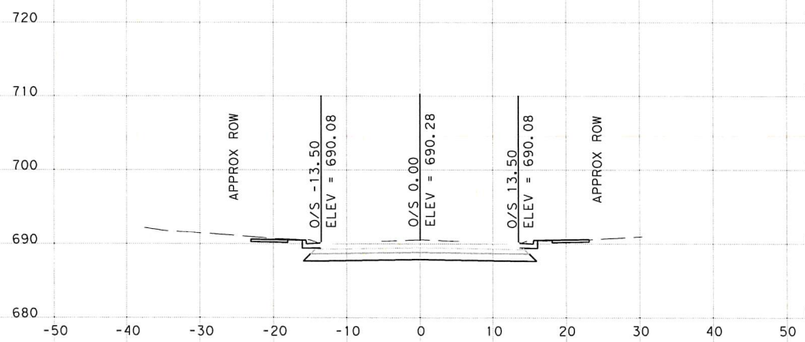
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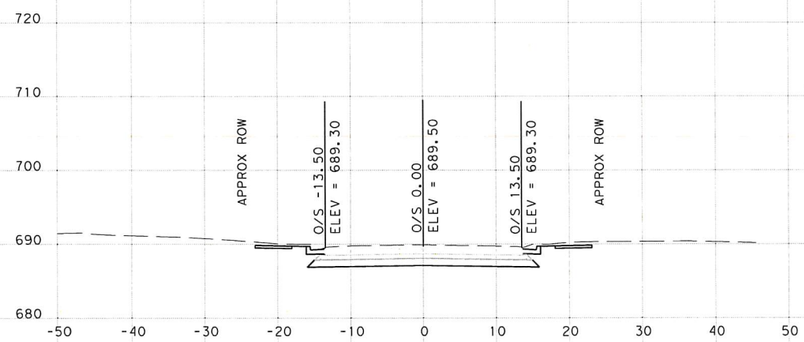
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SCALE HORZ 0' 10' 20' VERT 0' 10' 20'

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Designed:	EG
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Drawn:	BNC
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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 approximate 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.

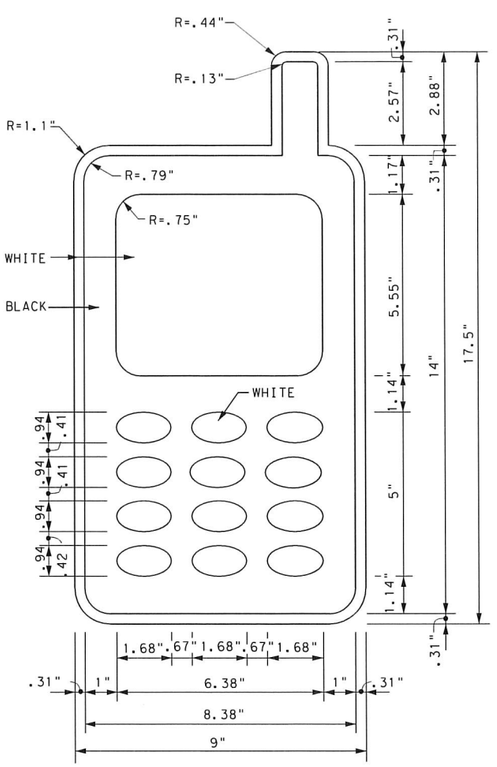
11. Except for devices required by Note 10, traffic control devices should be in place only while work is actually in progress or a definite need exists.

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

SHEET 1 OF 12

Texas Department of Transportation | Traffic Operations Division Standard

BARRICADE AND CONSTRUCTION GENERAL NOTES AND REQUIREMENTS

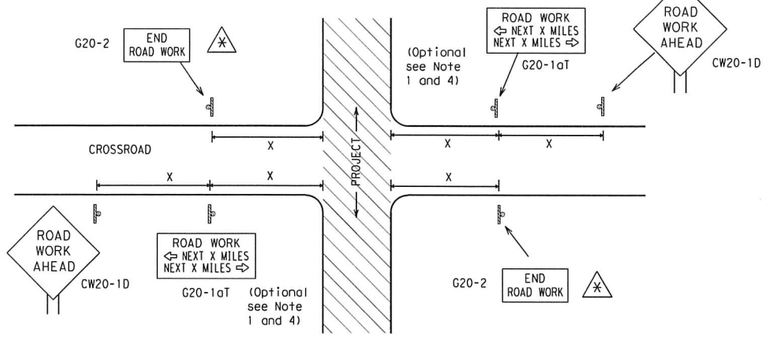
BC(1)-14

FILE: bc-14.dgn	DN: TxDOT	CK: TxDOT	DW: TxDOT	CK: TxDOT
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REVISIONS 4-03 5-10 8-14 9-07 7-13	DIST	COUNTY		SHEET NO. 26

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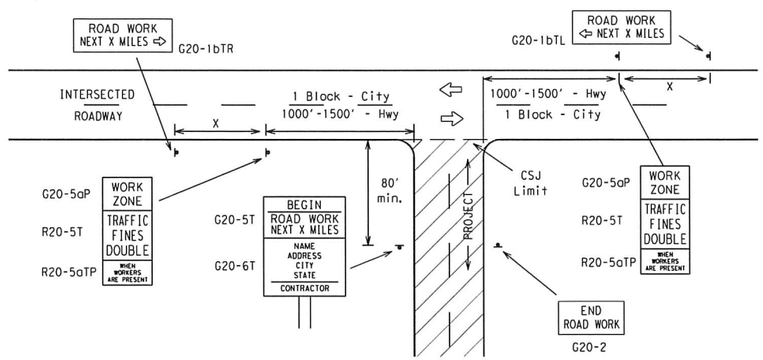
TYPICAL LOCATION OF CROSSROAD SIGNS



✳ 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 road 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 a 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[1,5,6]

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" Δ
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]

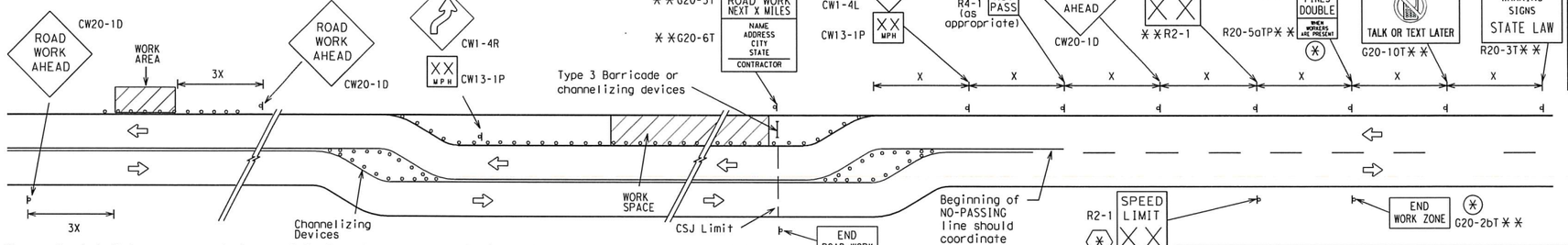
✳ For typical sign spacings on divided highways, expressways and freeways, see Part 6 of the "Texas Manual on Uniform Traffic Control Devices" (TMUTCD) typical application diagrams or TCP Standard Sheets.

Δ Minimum distance from work area to first Advance Warning sign nearest the work area and/or distance between each additional sign.

GENERAL NOTES

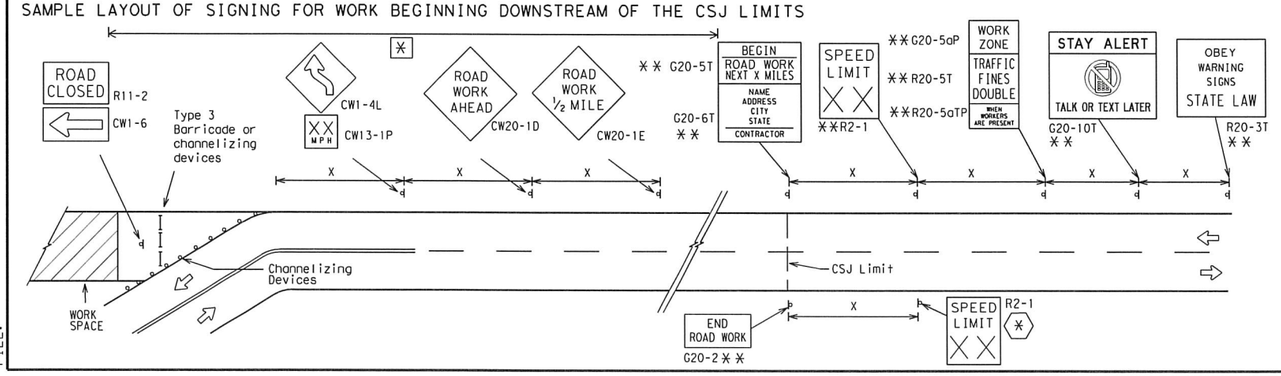
1. Special or larger size signs may be used as necessary.
2. Distance between signs should be increased as required to have 1500 feet advance warning.
3. Distance between signs should be increased as required to have 1/2 mile or more advance warning.
4. 36" x 36" "ROAD WORK AHEAD" (CW20-1D)signs may be used on low volume crossroads 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 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 approval 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 inform 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 for sign spacing requirements.

SHEET 2 OF 12

Texas Department of Transportation

Traffic Operations Division Standard

BARRICADE AND CONSTRUCTION PROJECT LIMIT

BC(2)-14

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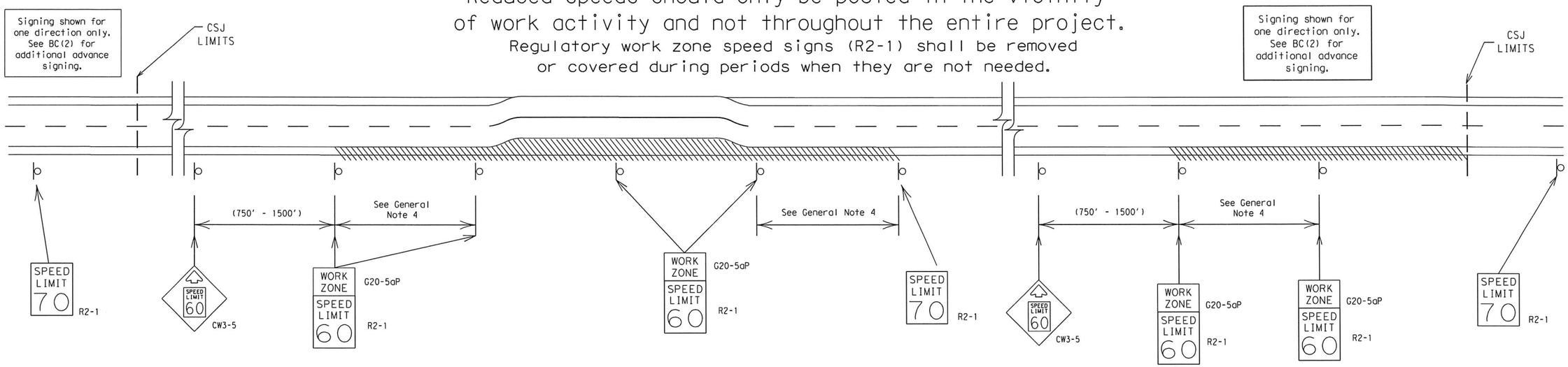
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TYPICAL APPLICATION OF WORK ZONE SPEED LIMIT SIGNS

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.

Texas Department of Transportation | Traffic Operations Division Standard

BARRICADE AND CONSTRUCTION WORK ZONE SPEED LIMIT

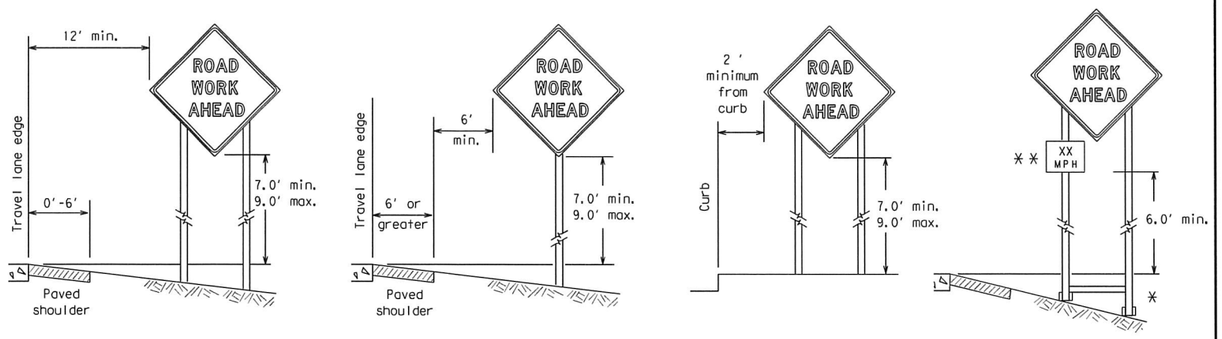
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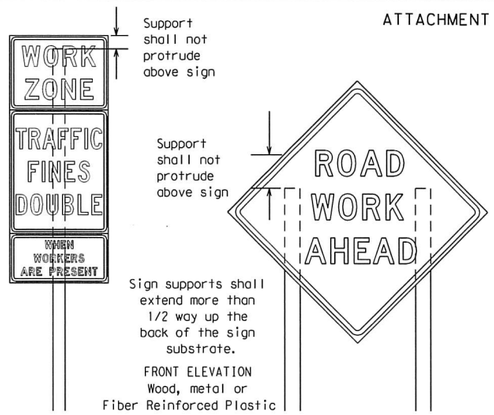
TYPICAL MINIMUM CLEARANCES FOR LONG TERM AND INTERMEDIATE TERM SIGNS

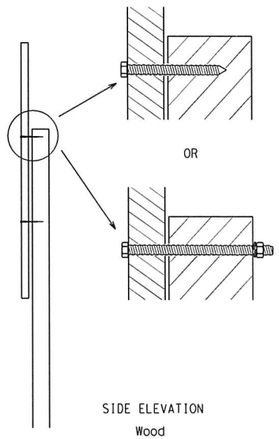


⁎ When placing skid supports on unlevel ground, the leg post lengths must be adjusted so the sign appears straight and plumb. Objects shall NOT be placed under skids as a means of leveling.

⁎⁎ 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





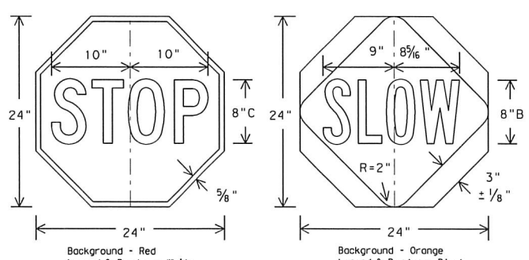
Attachment to wooden supports will be by bolts and nuts or screws. Use TxDOT's or manufacturer's recommended procedures for attaching sign substrates to other types of sign supports

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.

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 spice 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.

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

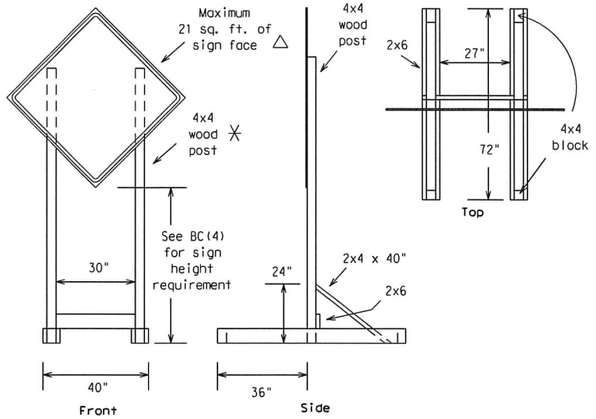
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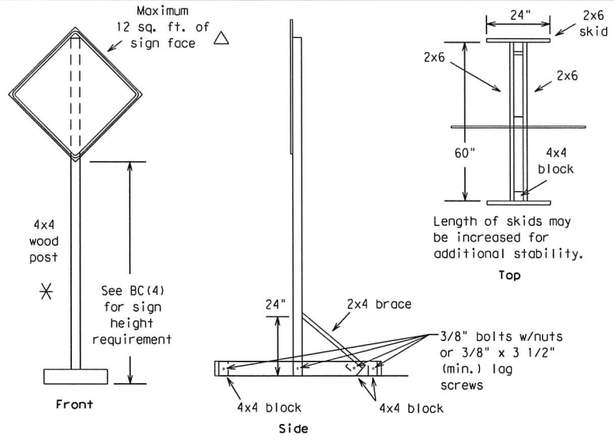
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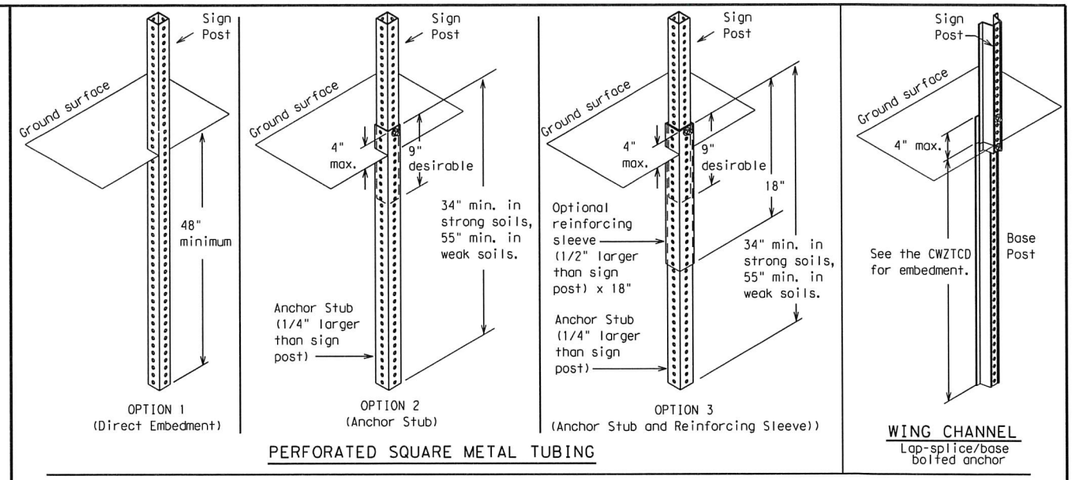
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SKID MOUNTED WOOD SIGN SUPPORTS

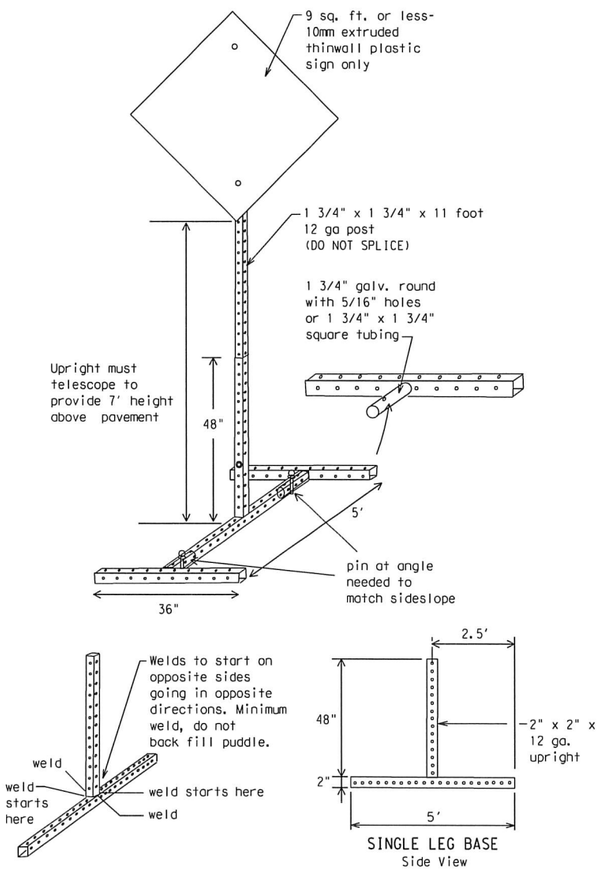
LONG/INTERMEDIATE TERM STATIONARY - PORTABLE SKID MOUNTED SIGN SUPPORTS □

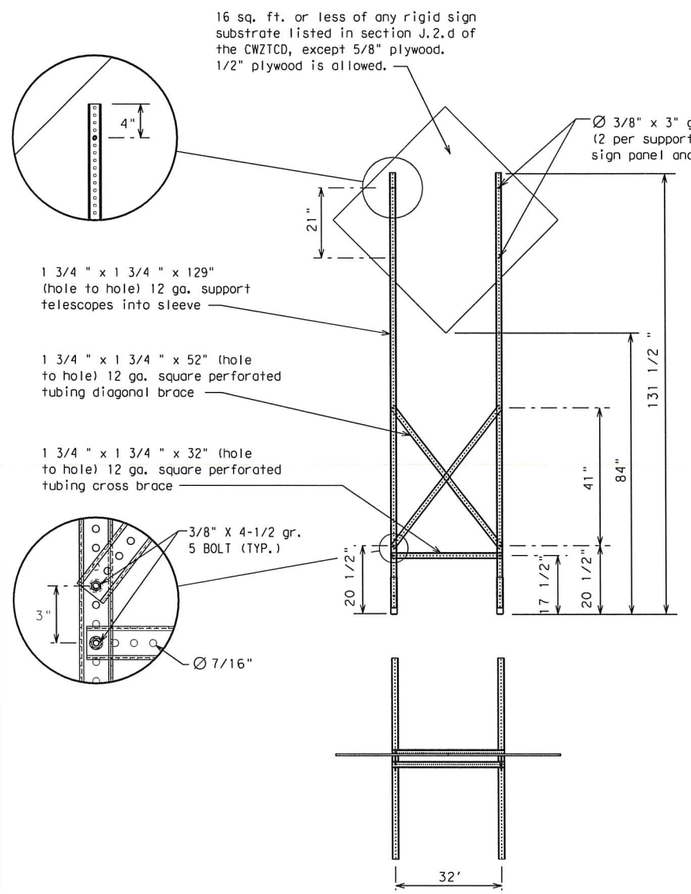


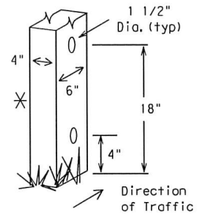
PERFORATED SQUARE METAL TUBING

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.

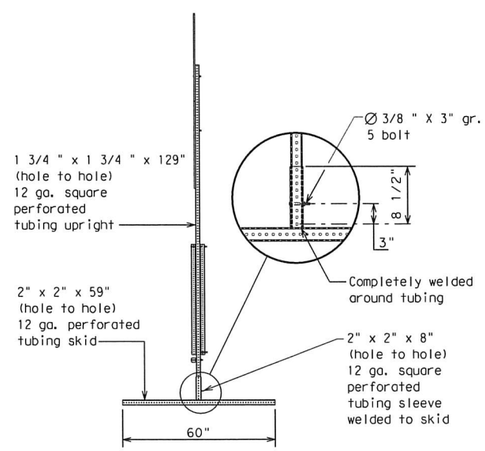






Nominal Post Size	Number of Posts	Maximum Sq. feet of Sign Face	Minimum Soil Embedment	Drilled Hole(s) Required
4 x 4	1	12	36"	NO
4 x 4	2	21	36"	NO
4 x 6	1	21	36"	YES
4 x 6	2	36	36"	YES

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.

SHEET 5 OF 12

Texas Department of Transportation — Traffic Operations Division Standard

BARRICADE AND CONSTRUCTION TYPICAL SIGN SUPPORT

BC(5)-14

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SKID MOUNTED PERFORATED SQUARE STEEL TUBING SIGN SUPPORTS

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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 same 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 Take/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.

SHEET 6 OF 12

Texas Department of Transportation | Traffic Operations Division Standard

BARRICADE AND CONSTRUCTION PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)

BC(6)-14

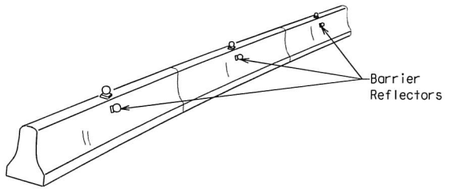
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©TxDOT November 2002	CONT	SECT	JOB	HIGHWAY
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7-13				31

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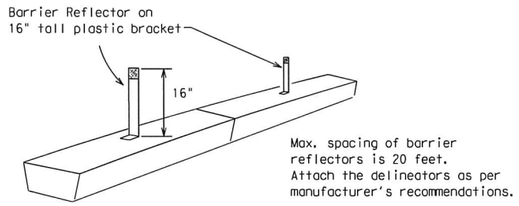
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1. Barrier Reflectors shall be pre-qualified, and conform to the color and reflectivity requirements of DMS-8600. A list of prequalified Barrier Reflectors can be found at the Material Producer List web address shown on BC(1).
2. Color of Barrier Reflectors shall be as specified in the TMUTCD. The cost of the reflectors shall be considered subsidiary to Item 512.

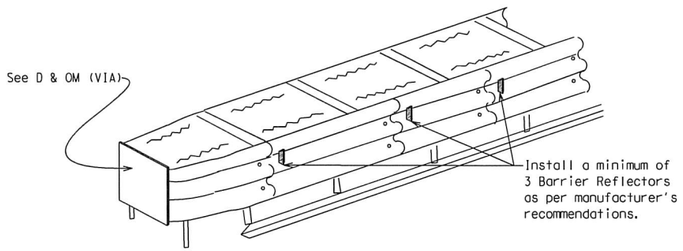


CONCRETE TRAFFIC BARRIER (CTB)

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)

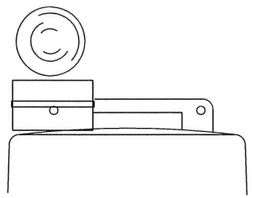


DELINEATION OF END TREATMENTS

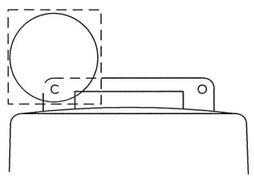
END TREATMENTS FOR
CTB'S USED
IN WORK ZONES

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

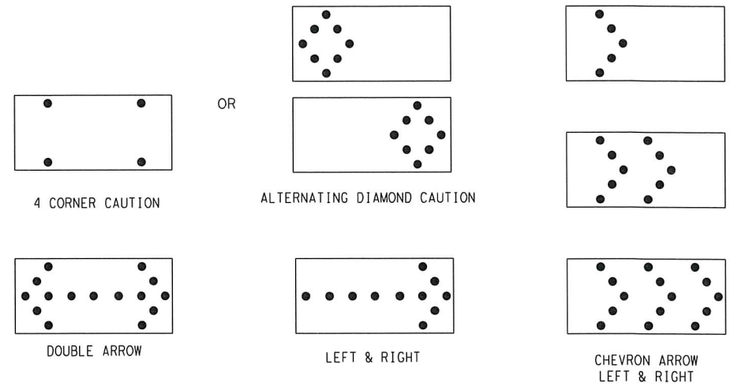
1. Type A flashing warning lights are intended to warn drivers that they are approaching or are in a potentially hazardous area.
2. Type A random flashing warning lights are not intended for delineation and shall not be used in a series.
3. A series of sequential flashing warning lights placed on channelizing 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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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 an approved device.

GENERAL DESIGN REQUIREMENTS

Pre-qualified plastic drums shall meet the following requirements:

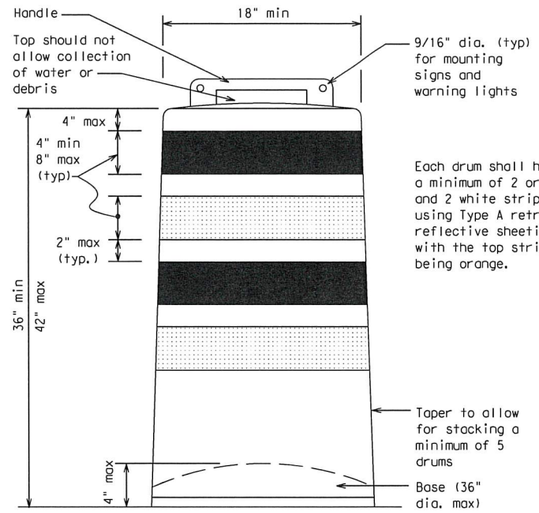
1. Plastic drums shall be a two-piece design; the "body" of the drum shall be the top portion and the "base" shall be the bottom.
2. The body and base shall lock together in such a manner that the body separates from the base when impacted by a vehicle traveling at a speed of 20 MPH or greater but prevents 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.

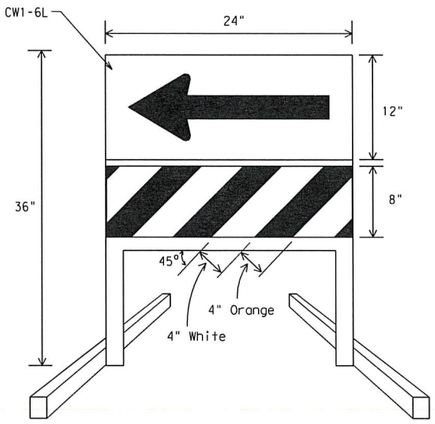
RETROREFLECTIVE SHEETING

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.

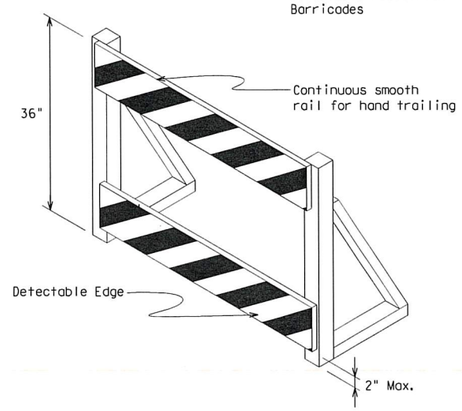




DIRECTION INDICATOR BARRICADE

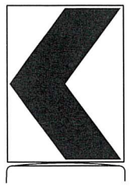
1. The Direction Indicator Barricade may be used in tapers, transitions, and other areas where specific directional guidance to drivers is necessary.
2. If used, the Direction Indicator Barricade should be used in series to direct the driver through the transition and into the intended travel lane.
3. 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.

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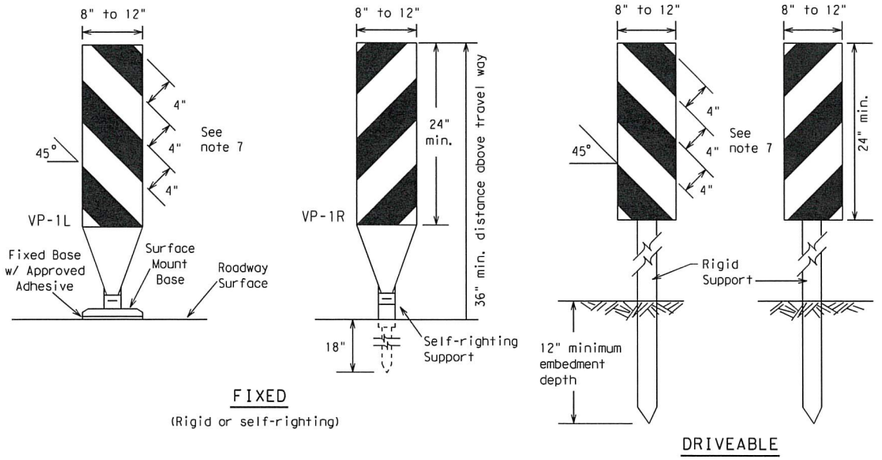
BARRICADE AND CONSTRUCTION CHANNELIZING DEVICES

BC(8)-14

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9-07 8-14				33

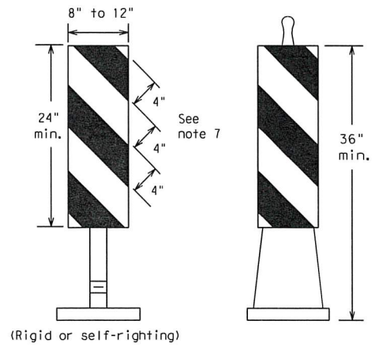
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FIXED
(Rigid or self-righting)

DRIVEABLE

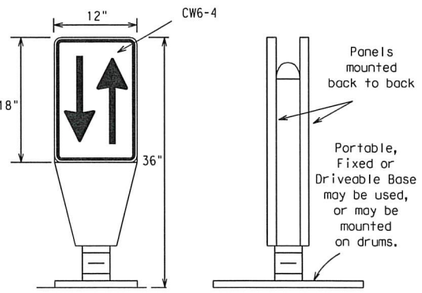


(Rigid or self-righting)

PORTABLE

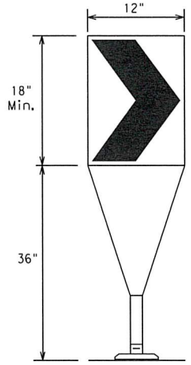
1. Vertical Panels (VP's) are normally used to channelize traffic or divide opposing lanes of traffic.
2. VP's may be used in daytime or nighttime situations. They may be used at the edge of shoulder drop-offs and other areas such as lane transitions where positive daytime and nighttime delineation is 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)



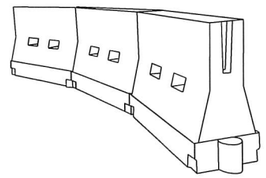
Fixed Base w/ Approved Adhesive (Driveable Base, or Flexible Support can be used)

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 based 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

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BARRICADE AND CONSTRUCTION CHANNELIZING DEVICES

BC(9)-14

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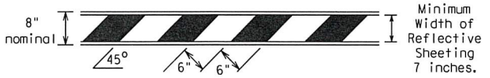
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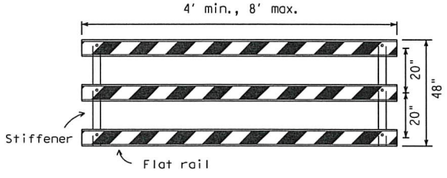
TYPE 3 BARRICADES

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 road 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. Identification 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 adequate clear zone is provided.
7. Warning 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 sand from spilling and to maintain a constant weight. Sand bags shall not be stacked in a manner that 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 a durable material that 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 Material Specification DMS-8300 unless otherwise noted.

Barricades shall NOT be used as a sign support.



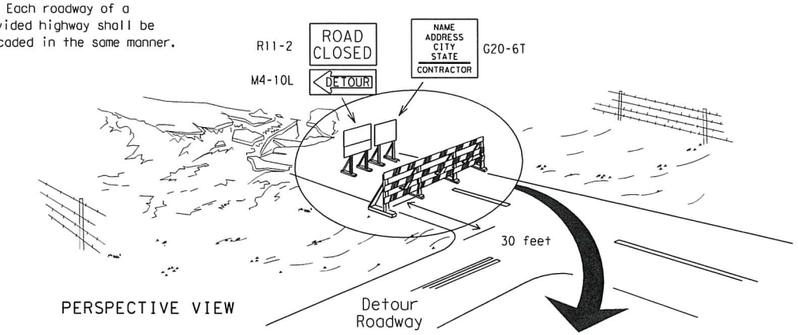
TYPICAL STRIPING DETAIL FOR BARRICADE RAIL



Stiffener may be inside or outside of support, but no more than 2 stiffeners shall be allowed on one barricade.

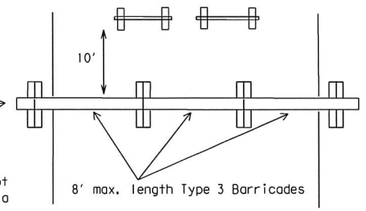
TYPICAL PANEL DETAIL FOR SKID OR POST TYPE BARRICADES

Each roadway of a divided highway shall be barricaded in the same manner.



PERSPECTIVE VIEW

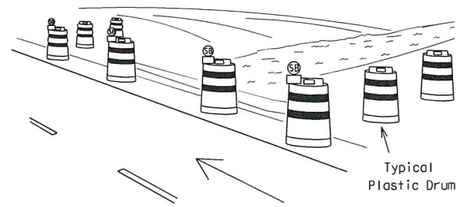
The three rails on Type 3 barricades shall be reflectorized orange and reflective white stripes on one side facing one-way traffic and both sides for two-way traffic.
Barricade striping should slant downward in the direction of detour.



PLAN VIEW

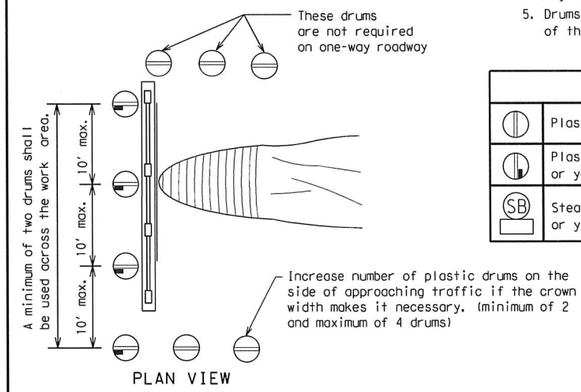
1. Signs should be mounted on independent supports at a 7 foot mounting height in center of roadway. The signs should be a minimum of 10 feet behind Type 3 Barricades.
2. Advance signing shall be as specified elsewhere in the plans.

TYPE 3 BARRICADE (POST AND SKID) TYPICAL APPLICATION



PERSPECTIVE VIEW

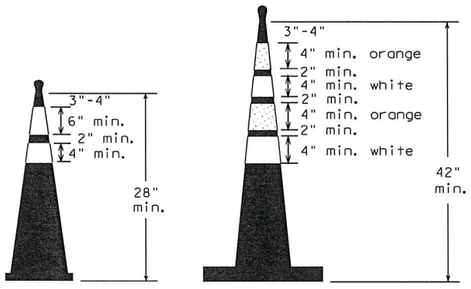
1. Where positive redirectional capability is provided, drums may be omitted.
2. Plastic construction fencing may be used with drums for safety as required in the plans.
3. Vertical Panels on flexible support may be substituted for drums when the shoulder width is less than 4 feet.
4. When the shoulder 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

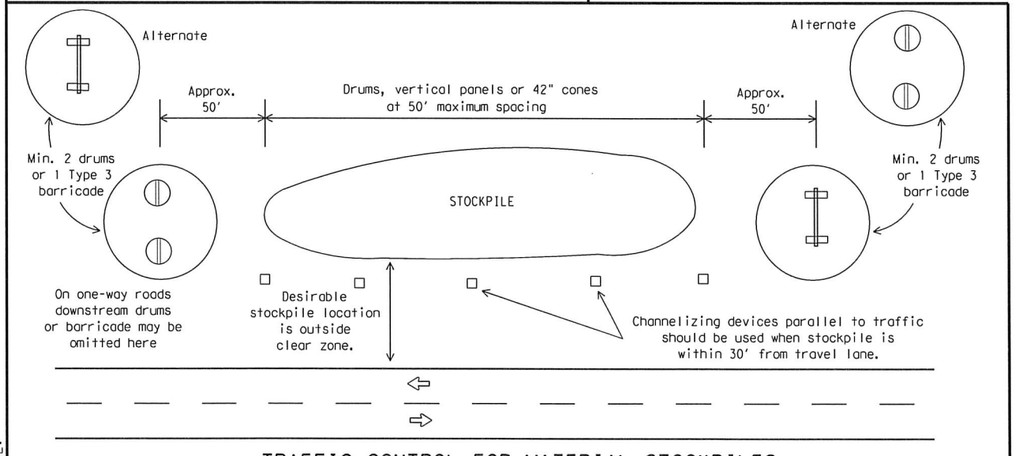
CULVERT WIDENING OR OTHER ISOLATED WORK WITHIN THE PROJECT LIMITS



28" Cones shall have a minimum weight of 9 1/2 lbs.

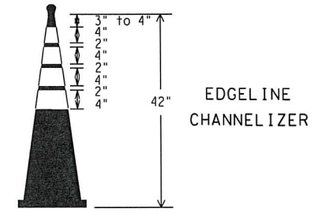
42" 2-piece cones shall have a minimum weight of 30 lbs. including base.

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.



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.

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BARRICADE AND CONSTRUCTION CHANNELIZING DEVICES

BC(10)-14

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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.

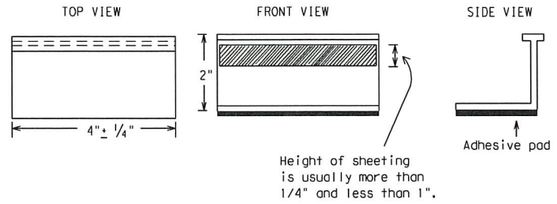
MAINTAINING WORK ZONE PAVEMENT MARKINGS

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).

SHEET 11 OF 12

Texas Department of Transportation | Traffic Operations Division Standard

BARRICADE AND CONSTRUCTION PAVEMENT MARKINGS

BC(11)-14

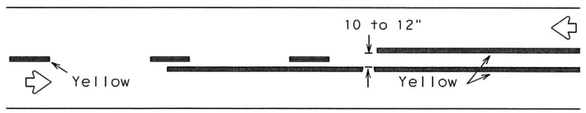
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©TxDOT February 1998	CONT	SECT	JOB	HIGHWAY
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1-02 7-13				36
11-02 8-14				

105

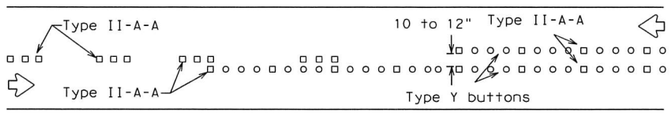
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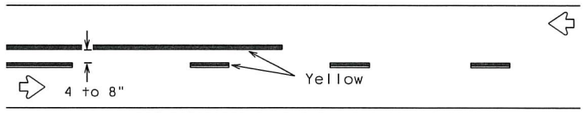
PAVEMENT MARKING PATTERNS



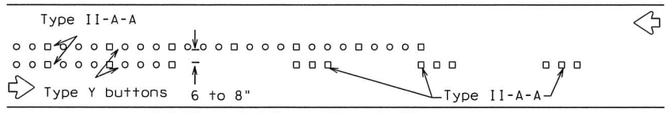
REFLECTORIZED PAVEMENT MARKINGS - PATTERN A



RAISED PAVEMENT MARKERS - PATTERN A



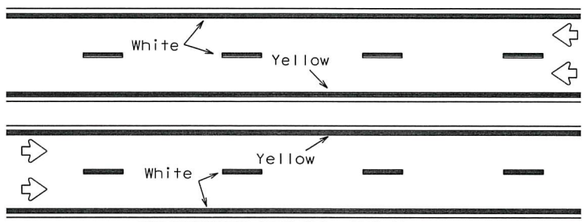
REFLECTORIZED PAVEMENT MARKINGS - PATTERN B



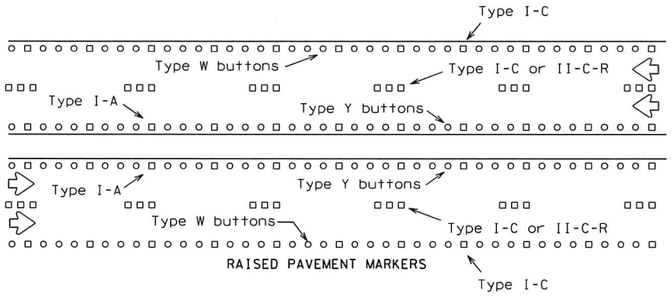
RAISED PAVEMENT MARKERS - PATTERN B

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



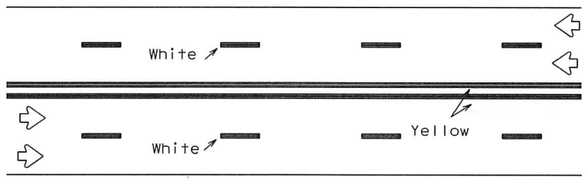
REFLECTORIZED PAVEMENT MARKINGS



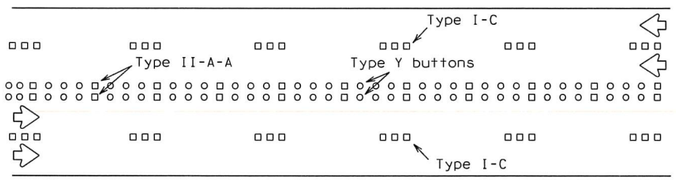
RAISED PAVEMENT MARKERS

Prefabricated markings may be substituted for reflectorized pavement markings.

EDGE & LANE LINES FOR DIVIDED HIGHWAY



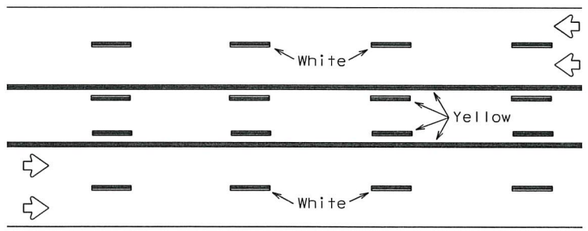
REFLECTORIZED PAVEMENT MARKINGS



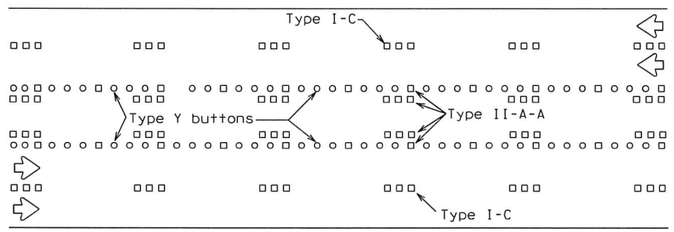
RAISED PAVEMENT MARKERS

Prefabricated markings may be substituted for reflectorized pavement markings.

LANE & CENTER LINES FOR MULTILANE UNDIVIDED HIGHWAYS



REFLECTORIZED PAVEMENT MARKINGS

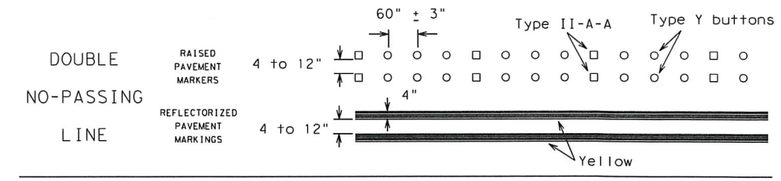


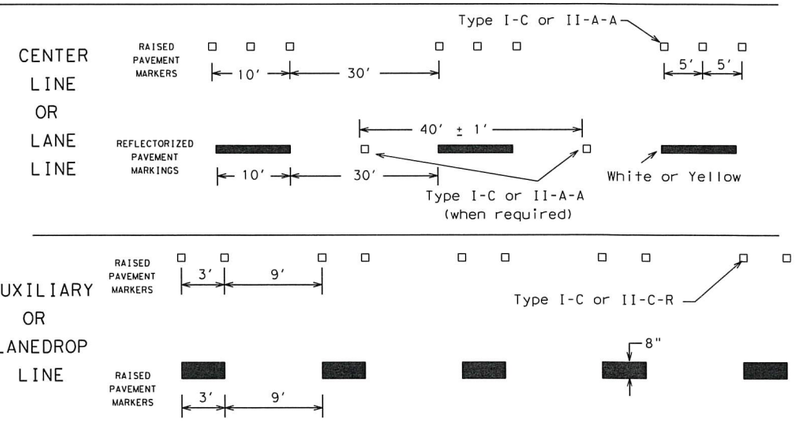
RAISED PAVEMENT MARKERS

Prefabricated markings may be substituted for reflectorized pavement markings.

TWO-WAY LEFT TURN LANE

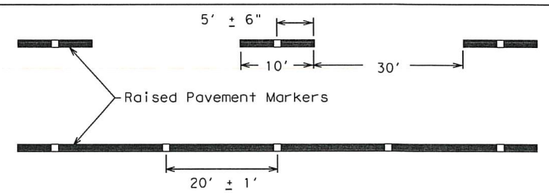
STANDARD WORK ZONE PAVEMENT MARKINGS DETAILS





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."

Texas Department of Transportation

Traffic Operations Division Standard

BARRICADE AND CONSTRUCTION PAVEMENT MARKING PATTERNS

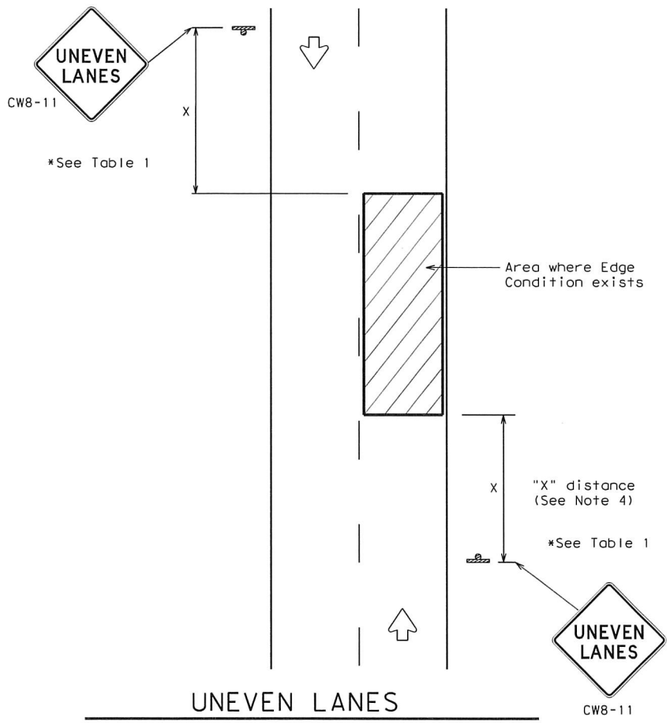
BC(12)-14

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2-98 7-13				37
11-02 8-14				

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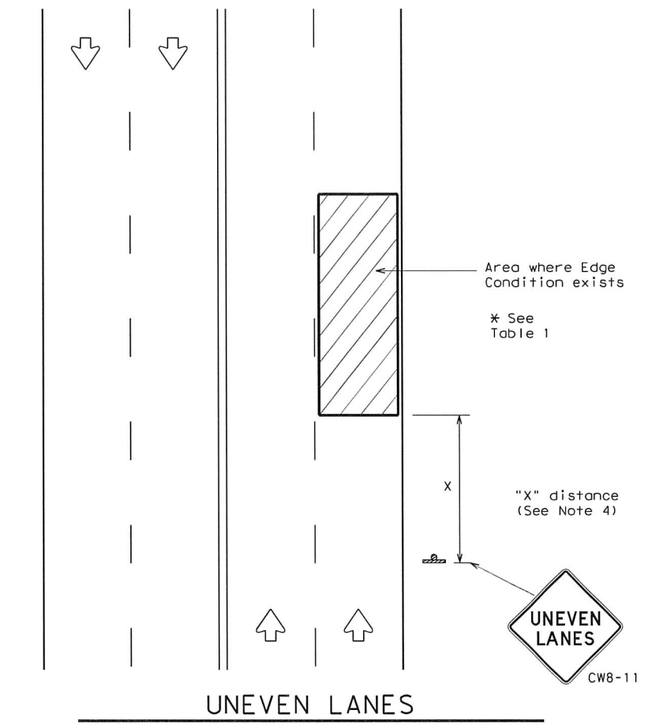
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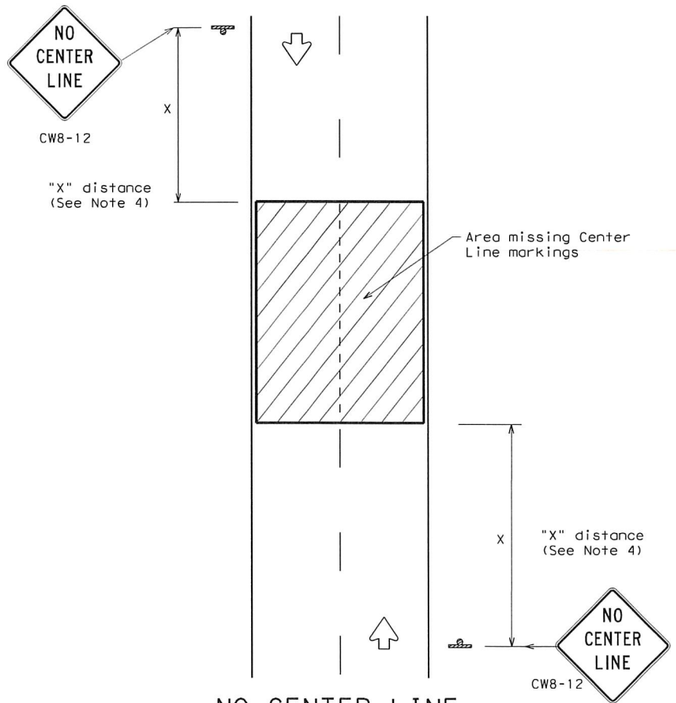
UNEVEN LANES

TWO LANE CONVENTIONAL ROAD



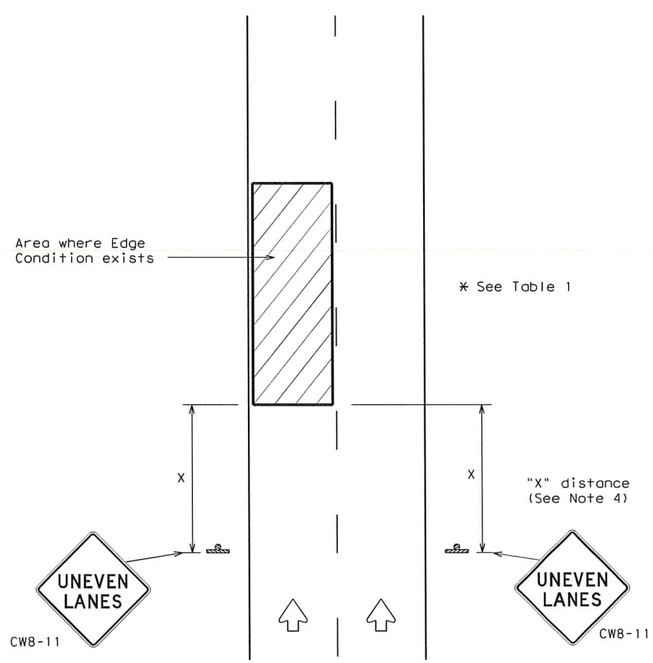
UNEVEN LANES

FOUR LANE CONVENTIONAL ROAD



NO CENTER LINE

TWO LANE CONVENTIONAL ROAD



UNEVEN LANES

DIVIDED ROADWAY

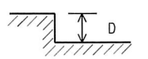
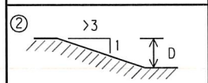
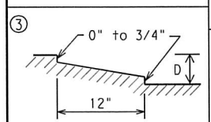
DEPARTMENTAL MATERIAL SPECIFICATIONS	
PERMANENT PREFABRICATED PAVEMENT MARKINGS	DMS-8240
TEMPORARY (REMOVABLE) PREFABRICATED PAVEMENT MARKINGS	DMS-8241
SIGN FACE MATERIALS	DMS-8300

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

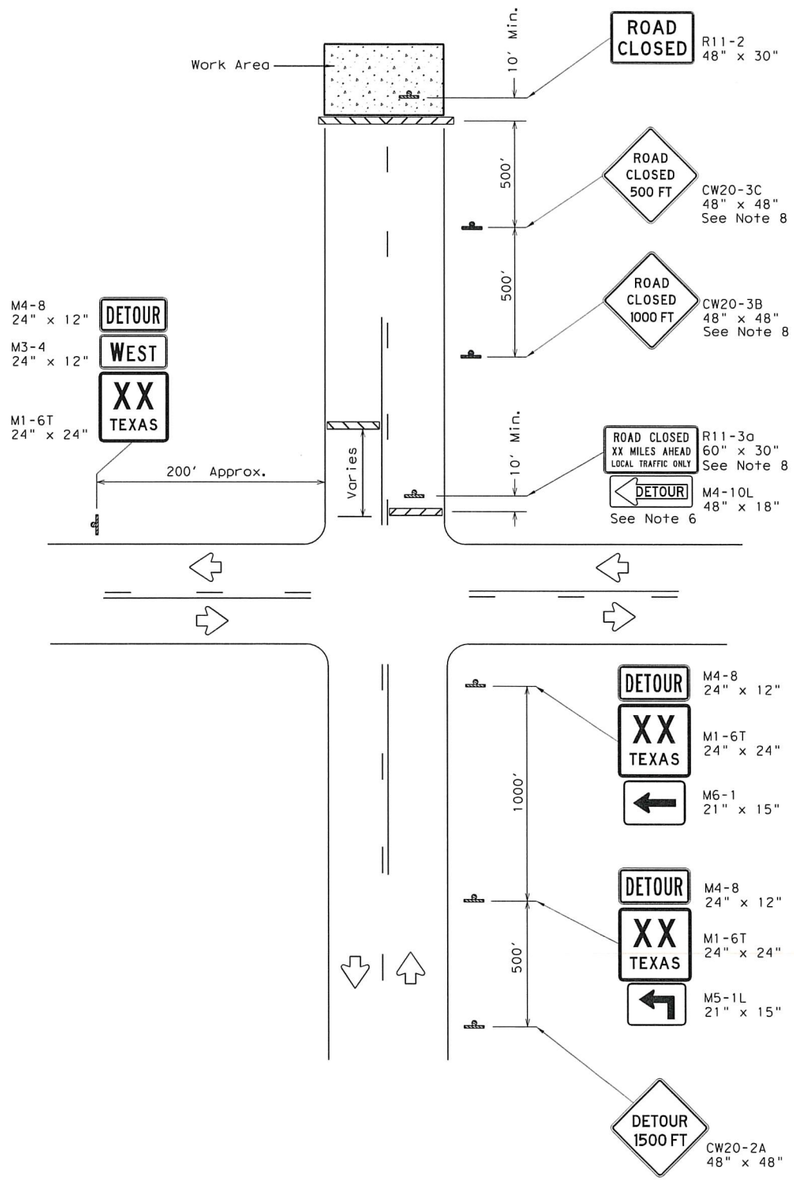
WZ(UL)-13

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8-95 2-98 7-13	DIST	COUNTY		SHEET NO.
1-97 3-03				38

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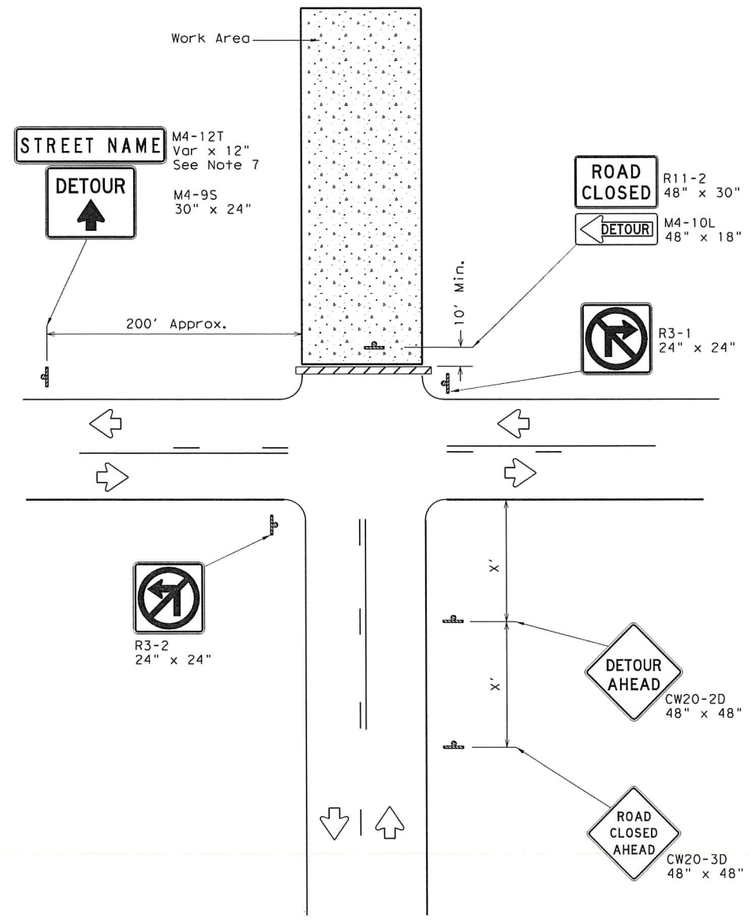
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ROAD CLOSURE BEYOND THE INTERSECTION

Signing for a Numbered Route with an Off-Site Detour



ROAD CLOSURE AT THE INTERSECTION

Signing for an Un-numbered Route with an Off-Site Detour

LEGEND	
	Type 3 Barricade
	Sign

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

GENERAL NOTES

1. This sheet is intended to provide details for temporary work zone road closures. For permanent road closure details see the D&OM standards.
2. Barricades used shall meet the requirements shown on Barricade and Construction Standard BC(10) and listed on the Compliant Work Zone Traffic Control Devices list (CWZTCD).
3. Stockpiled materials shall not be placed on the traffic side of barricades.
4. Barricades at the road closure should extend from pavement edge to pavement edge.
5. Detour signing shown is intended to illustrate the type of signing that is appropriate for numbered routes or un-numbered routes as labeled. It does not indicate the full extent of detour signing required. Detour routes should be signed as shown elsewhere in the plans.
6. If the road is open for a significant distance beyond the intersection or there are significant origin/destination points beyond the intersection, the signs and barricades at this location should be located at the edge of the traveled way.
7. The Street Name (M4-12T) sign is to be placed above the DETOUR (M4-9S) sign.
8. For urban areas where there is a shorter distance between the intersection and the actual closure location, the ROAD CLOSED XX MILES AHEAD (R11-3a) sign may be replaced with a ROAD CLOSED TO THRU TRAFFIC (R11-4) sign. If adequate space does not exist between the intersection and the closure a single ROAD CLOSED AHEAD (CW20-3D) sign spaced as per the table above may replace the ROAD CLOSED 1000 FT (CW20-3B) and ROAD CLOSED 500 FT (CW20-3C) signs.
9. Signs and barricades shown shall be subsidiary to Item 502. Locations where these details will be required shall be as shown elsewhere in the plans.

Texas Department of Transportation

Traffic Operations Division Standard

WORK ZONE ROAD CLOSURE DETAILS

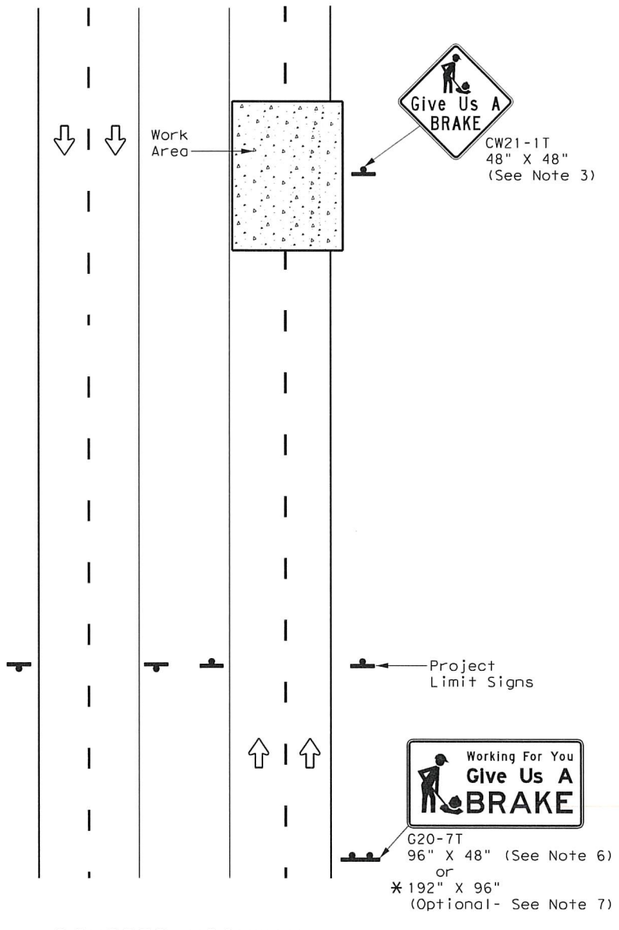
WZ(RCD)-13

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2-98 3-03				39

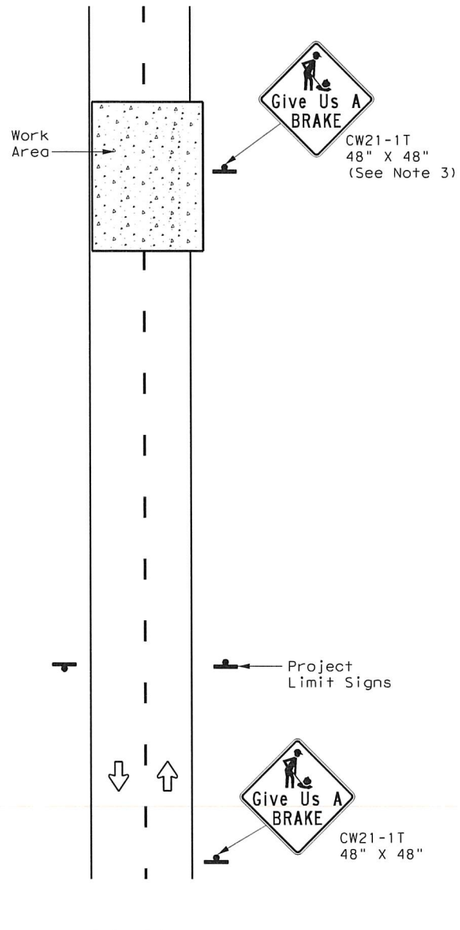
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DIVIDED HIGHWAY



UNDIVIDED HIGHWAY

SIGNS ARE SHOWN FOR ONE DIRECTION OF TRAVEL

* When the optional larger WORKING FOR YOU GIVE US A BRAKE (G20-7T) 192" x 96" sign is required, the locations shall be noted elsewhere in the plans.

SUMMARY OF LARGE SIGNS

BACKGROUND COLOR	SIGN DESIGNATION	SIGN	SIGN DIMENSIONS	REFLECTIVE SHEETING	SQ FT	GALVANIZED STRUCTURAL STEEL			DRILLED SHAFT 24" DIA. (LF)
						Size	(LF) ①	(LF) ②	
Orange	G20-7T	Working For You Give Us A BRAKE	96" X 48"	Type B_{FL} or C_{FL}	32	▲	▲	▲	▲
Orange	G20-7T	Working For You Give Us A BRAKE	192" X 96"	Type B_{FL} or C_{FL}	128	W8x18	16	17	12

▲ See Note 6 Below

LEGEND	
	Sign
	Large Sign
	Traffic Flow

DEPARTMENTAL MATERIAL SPECIFICATIONS	
PLYWOOD SIGN BLANKS	DMS-7100
ALUMINUM SIGN BLANKS	DMS-7110
SIGN FACE MATERIALS	DMS-8300

COLOR	USAGE	SHEETING MATERIAL
ORANGE	BACKGROUND	TYPE B_{FL} OR TYPE C_{FL}
BLACK	LEGEND & BORDERS	NON-REFLECTIVE ACRYLIC FILM

GENERAL NOTES

1. See BC and SMD sheets for additional sign support details.
2. Sign locations shall be approved by the Engineer.
3. For projects more than two miles in length, Give Us a BRAKE signs should be repeated halfway through the project. The Give Us a Brake (CW21-1T) may be used for this purpose.
4. Work zone speed limits are sometimes used in conjunction with GIVE US A BRAKE signing. See BC(3) for location and spacing of construction speed zone signing when required.
5. Give Us a Brake (CW21-1T) signs and supports shall be considered subsidiary to Item 502, "Barricades, Signs and Traffic Handling."
6. The 96" X 48" Working For You Give Us A BRAKE (G20-7T) may use a 1/2" or 5/8" plywood substrate or 0.125" aluminum sheeting substrate and may be supported by two 4" x 6" wood posts with drilled holes for breakaway as per BC(5) and will be subsidiary to Item 502.
7. The Working For You Give Us A BRAKE (G20-7T) 192" X 96" sign shall be paid for under the following specification items:
   Item 636 - Aluminum Signs
   Item 647 - Large Roadside Sign Supports and Assemblies.
   Item 416 - Drilled Shaft Foundations
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.

Texas Department of Transportation

Traffic Operations Division Standard

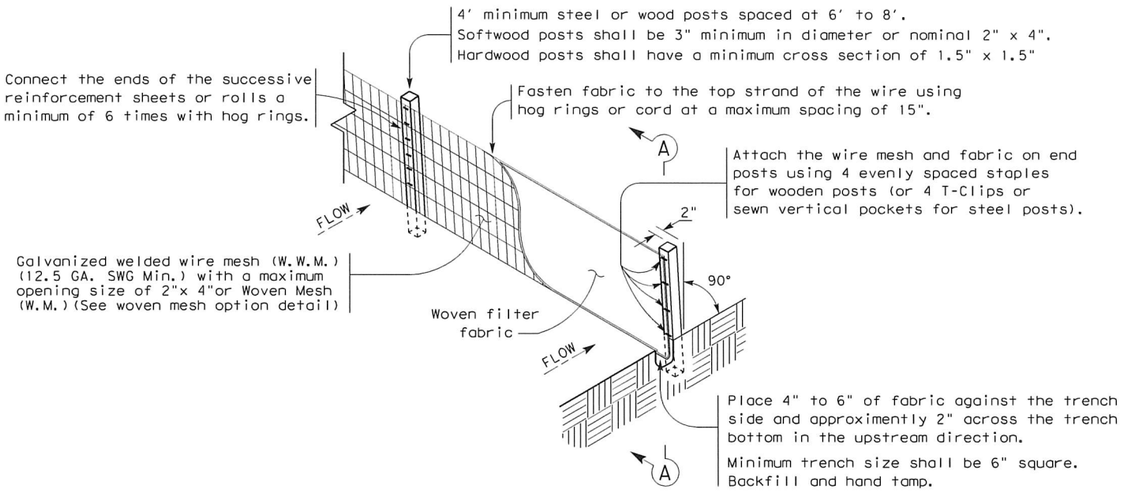
WORK ZONE "GIVE US A BRAKE" SIGNS

WZ(BRK)-13

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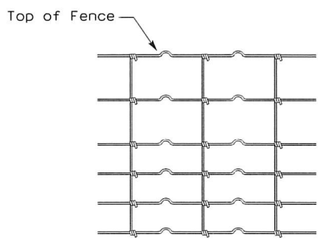
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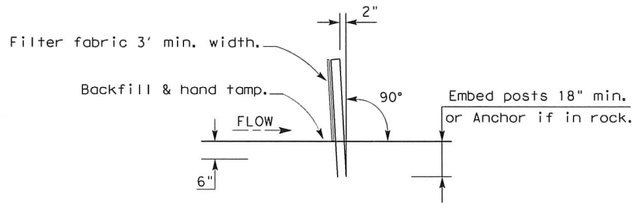
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TEMPORARY SEDIMENT CONTROL FENCE

SCF





SECTION A-A

HINGE JOINT KNOT WOVEN MESH (OPTION) DETAIL

Galvanized hinge joint knot woven mesh (12.5 GA.SWG Min.) requires a minimum of five horizontal wires spaced at a maximum of 12 inches apart and all vertical wires spaced at a maximum of 12 inches apart.

SEDIMENT CONTROL FENCE USAGE GUIDELINES

A sediment control fence may be constructed near the downstream perimeter of a disturbed area along a contour to intercept sediment from overland runoff. A 2 year storm frequency may be used to calculate the flow rate to be filtered.

Sediment control fence should be sized to filter a maximum flow through rate of 100 GPM/FT^2. Sediment control fence is not recommended to control erosion from a drainage area larger than 2 acres.

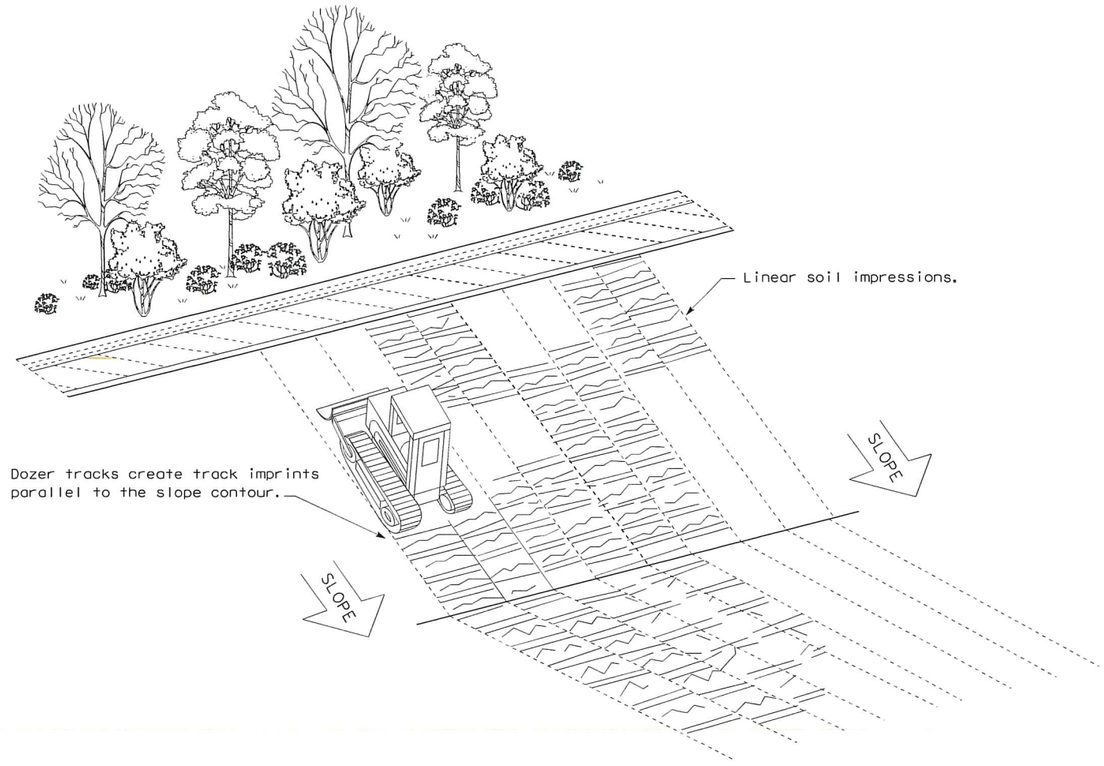
LEGEND

Sediment Control Fence

SCF

GENERAL NOTES

1. Vertical tracking is required on projects where soil distributing activities have occurred unless otherwise approved.
2. Perform vertical tracking on slopes to temporarily stabilize soil.
3. Provide equipment with a track undercarriage capable of producing linear soil impressions measuring a minimum of 12" in length by 2" to 4" in width by 1/2" to 2" in depth.
4. Do not exceed 12" between track impressions.
5. Install continous linear track impressions where the minimum 12" length impressions are perpendicular to the slope or direction of water flow.



VERTICAL TRACKING

Texas Department of Transportation — Design Division Standard

TEMPORARY EROSION, SEDIMENT AND WATER POLLUTION CONTROL MEASURES

FENCE & VERTICAL TRACKING

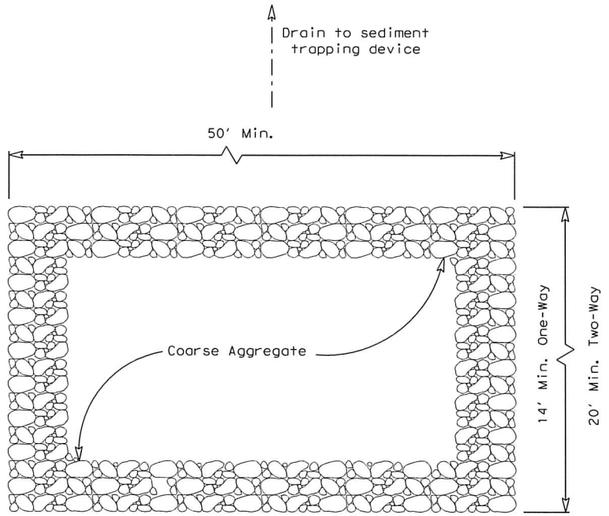
EC(1)-16

FILE: ec116	DN: TxDOT	CK: KM	DW: VP	DN/CK: LS		
© TxDOT: JULY 2016	CONT	SECT	JOB	HIGHWAY		
REVISIONS						
	DIST	COUNTY		SHEET NO.		
				41		

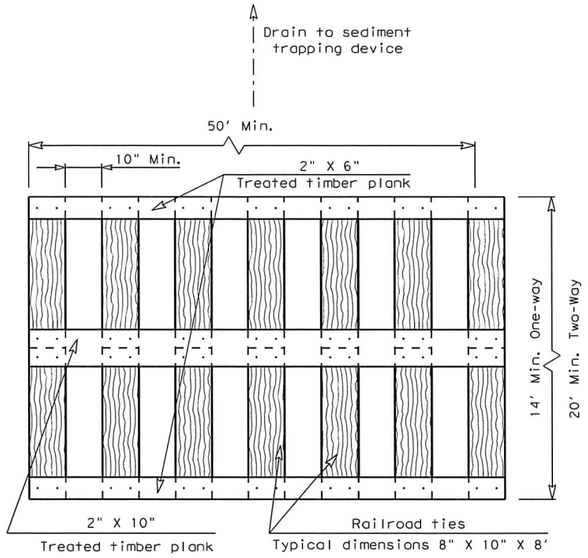
DATE
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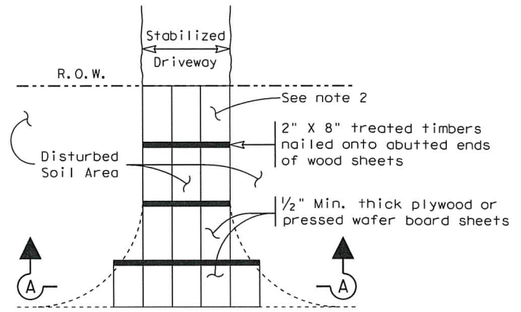
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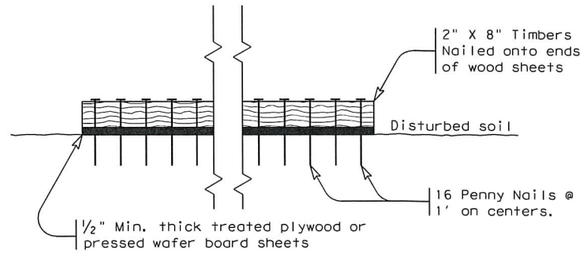
PLAN VIEW



PLAN VIEW



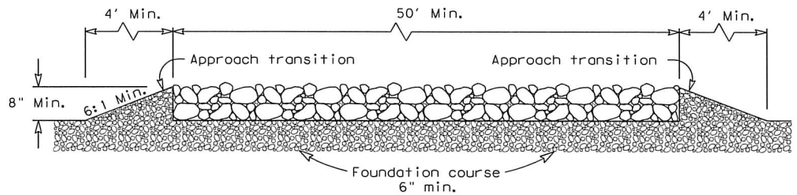
PLAN VIEW



SECTION A-A

CONSTRUCTION EXIT (TYPE 3)

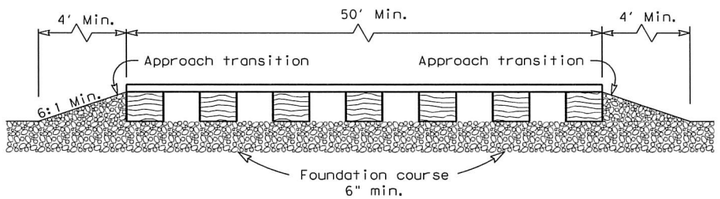
SHORT TERM



ELEVATION VIEW

CONSTRUCTION EXIT (TYPE 1)

ROCK CONSTRUCTION (LONG TERM)



ELEVATION VIEW

CONSTRUCTION EXIT (TYPE 2)

TIMBER CONSTRUCTION (LONG TERM)

GENERAL NOTES (TYPE 1)

1. The length of the type 1 construction exit shall be as indicated on the plans, but not less than 50'.
2. The coarse aggregate should be open graded with a size of 4" to 8".
3. The approach transitions should be no steeper than 6:1 and constructed as directed by the Engineer.
4. The construction exit foundation course shall be flexible base, bituminous concrete, portland cement concrete or other materialas approved by the Engineer.
5. The construction exit shall be graded to allow drainage to a sediment trapping device.
6. The guidelines shown hereon are suggestions only and may be modified by the Engineer.
7. Construct exits with a width of at least 14 ft. for one-way and 20 ft. for two-way traffic for the full width of the exit, or as directed by the engineer.

GENERAL NOTES (TYPE 2)

1. The length of the type 2 construction exit shall be as indicated on the plans, but not less than 50'.
2. The treated timber planks shall be attached to the railroad ties with ½"x 6" min. lag bolts. Other fasteners may be used as approved by the Engineer.
3. The treated timber planks shall be #2 grade min., and should be free from large and loose knots.
4. The approach transitions shall be no steeper than 6:1 and constructed as directed by the Engineer.
5. The construction exit foundation course shall be flexible base, bituminous concrete, portland cement concrete or other material as approved by the Engineer.
6. The construction exit should be graded to allow drainage to a sediment trapping device.
7. The guidelines shown hereon are suggestions only and may be modified by the Engineer.
8. Construct exits with a width of at least 14 ft. for one-way and 20 ft. for two-way traffic for the full width of the exit, or as directed by the engineer.

GENERAL NOTES (TYPE 3)

1. The length of the type 3 construction exit shall be as shown on the plans, or as directed by the Engineer.
2. The type 3 construction exit may be constructed from open graded crushed stone with a size of two to four inches spread a min. of 4" thick to the limits shown on the plans.
3. The treated timber planks shall be #2 grade min., and should be free from large and loose knots.
4. The guidelines shown hereon are suggestions only and may be modified by the Engineer.

Texas Department of Transportation

Design Division Standard

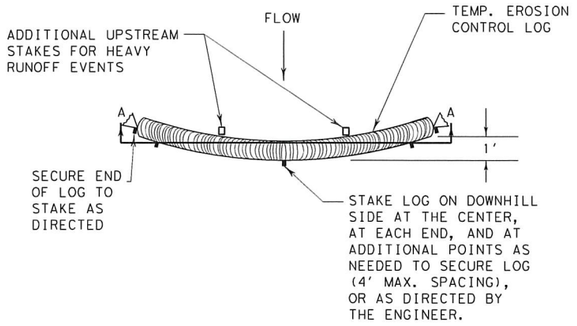
TEMPORARY EROSION, SEDIMENT AND WATER POLLUTION CONTROL MEASURES

CONSTRUCTION EXITS

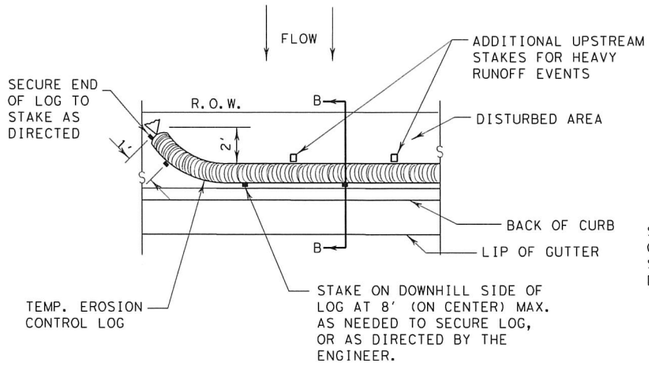
EC(3)-16

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REVISIONS					
	DIST	COUNTY		SHEET NO.	
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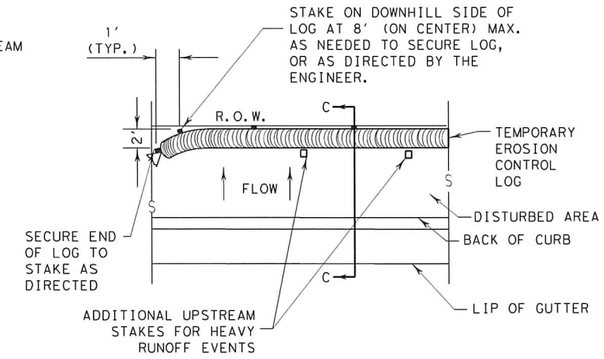
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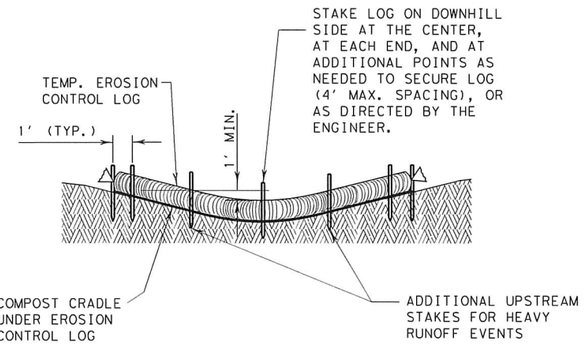
PLAN VIEW



PLAN VIEW



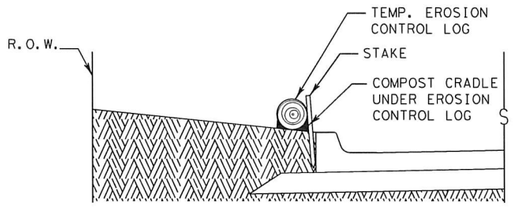
PLAN VIEW



SECTION A-A

EROSION CONTROL LOG DAM

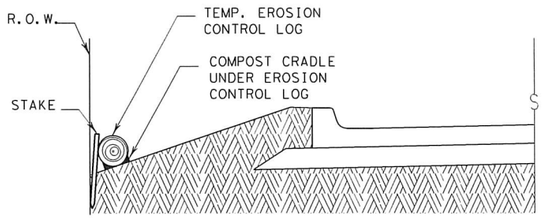
CL-D



SECTION B-B

EROSION CONTROL LOG AT BACK OF CURB

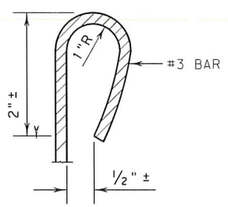
CL-BOC



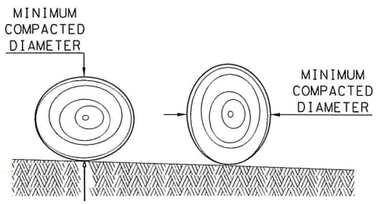
SECTION C-C

EROSION CONTROL LOG AT EDGE OF RIGHT-OF-WAY

CL-ROW



REBAR STAKE DETAIL



DIAMETER MEASUREMENTS OF EROSION CONTROL LOGS SPECIFIED IN PLANS

GENERAL NOTES:

1. EROSION CONTROL LOGS SHALL BE INSTALLED IN ACCORDANCE WITH MANFACTURER'S RECOMMENDATIONS, OR AS DIRECTED BY THE ENGINEER.
2. LENGTHS OF EROSION CONTROL LOGS SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND AS REQUIRED FOR THE PURPOSE INTENDED.
3. UNLESS OTHERWISE DIRECTED, USE BIODEGRADABLE OR PHOTODEGRADABLE CONTAINMENT MESH ONLY WHERE LOG WILL REMAIN IN PLACE AS PART OF A VEGETATIVE SYSTEM. FOR TEMPORARY INSTALLATIONS, USE RECYCLABLE CONTAINMENT MESH.
4. FILL LOGS WITH SUFFICIENT FILTER MATERIAL TO ACHIEVE THE MINIMUM COMPACTED DIAMETER SPECIFIED IN THE PLANS WITHOUT EXCESSIVE DEFORMATION.
5. STAKES SHALL BE 2" X 2" WOOD OR #3 REBAR, 2'-4' LONG, EMBEDDED SUCH THAT 2" PROTRUDES ABOVE LOG, OR AS DIRECTED BY THE ENGINEER.
6. DO NOT PLACE STAKES THROUGH CONTAINMENT MESH.
7. COMPOST CRADLE MATERIAL IS INCIDENTAL & WILL NOT BE PAID FOR SEPARATELY.
8. SANDBAGS USED AS ANCHORS SHALL BE PLACED ON TOP OF LOGS & SHALL BE OF SUFFICIENT SIZE TO HOLD LOGS IN PLACE.
9. TURN THE ENDS OF EACH ROW OF LOGS UPSLOPE TO PREVENT RUNOFF FROM FLOWING AROUND THE LOG.
10. FOR HEAVY RUNOFF EVENTS, ADDITIONAL UPSTREAM STAKES MAY BE NECESSARY TO KEEP LOG FROM FOLDING IN ON ITSELF.

LEGEND

- CL-D — EROSION CONTROL LOG DAM
- CL-BOC — EROSION CONTROL LOG AT BACK OF CURB
- CL-ROW — EROSION CONTROL LOG AT EDGE OF RIGHT-OF-WAY
- CL-SST — EROSION CONTROL LOGS ON SLOPES STAKE AND TRENCHING ANCHORING
- CL-SSL — EROSION CONTROL LOGS ON SLOPES STAKE AND LASHING ANCHORING
- CL-DI — EROSION CONTROL LOG AT DROP INLET
- CL-CI — EROSION CONTROL LOG AT CURB INLET
- CL-GI — EROSION CONTROL LOG AT CURB & GRATE INLET

SEDIMENT BASIN & TRAP USAGE GUIDELINES

An erosion control log sediment trap may be used to filter sediment out of runoff draining from an unstabilized area.

Log Traps: The drainage area for a sediment trap should not exceed 5 acres. The trap capacity should be 1800 CF/Acre (0.5" over the drainage area).

Control logs should be placed in the following locations:

1. Within drainage ditches spaced as needed or min. 500' on center
2. Immediately preceding ditch inlets or drain inlets
3. Just before the drainage enters a water course
4. Just before the drainage leaves the right of way
5. Just before the drainage leaves the construction limits where drainage flows away from the project.

The logs should be cleaned when the sediment has accumulated to a depth of 1/2 the log diameter.

Cleaning and removal of accumulated sediment deposits is incidental and will not be paid for separately.

SHEET 1 OF 3

Texas Department of Transportation | Design Division Standard

TEMPORARY EROSION, SEDIMENT AND WATER POLLUTION CONTROL MEASURES

EROSION CONTROL LOG

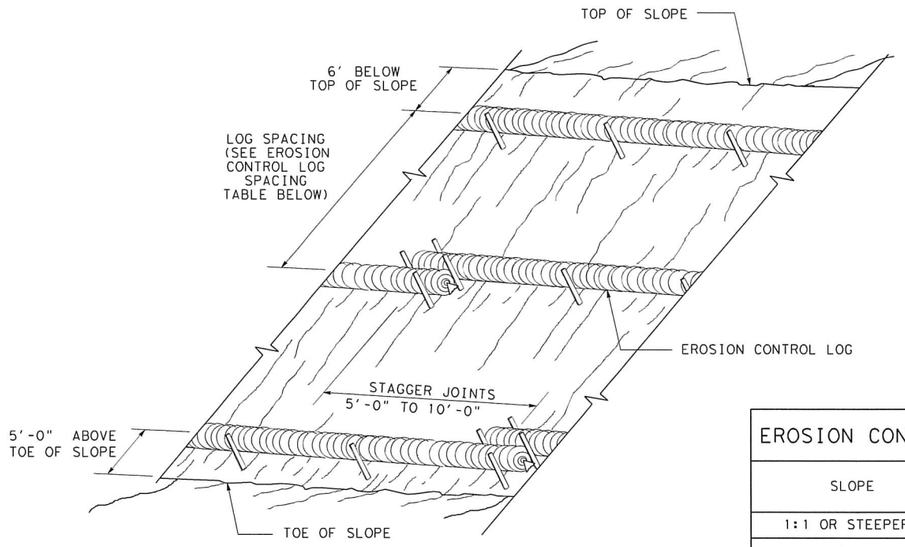
EC(9)-16

FILE: ec916	DN: TxDOT	CK: KM	DW: LS/PT	CK: LS
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REVISIONS				
	DIST	COUNTY		SHEET NO.
				43

DATE:
FILE:

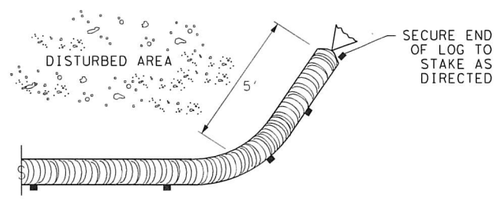
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EROSION CONTROL LOGS ON SLOPES
STAKE AND TRENCHING ANCHORING

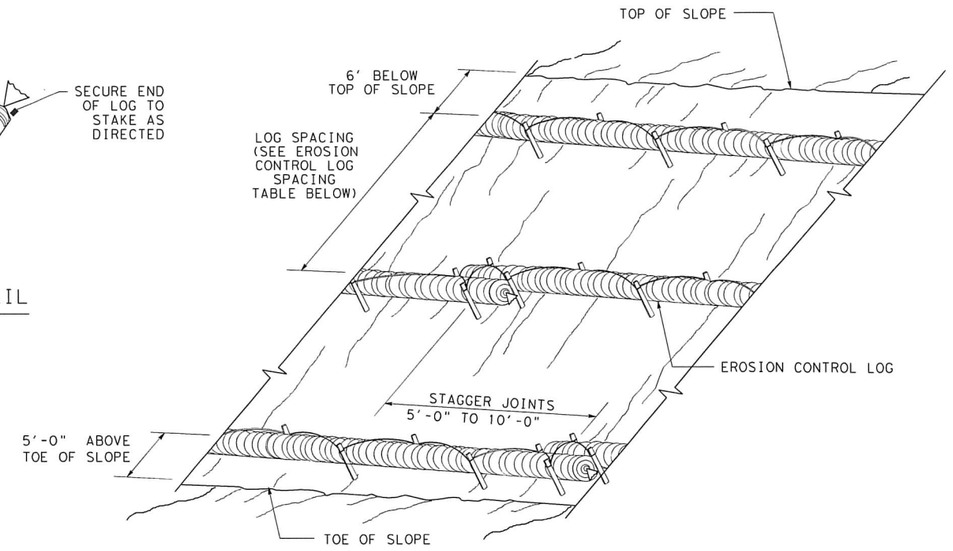
CL-SST



END SECTION RAP DETAIL

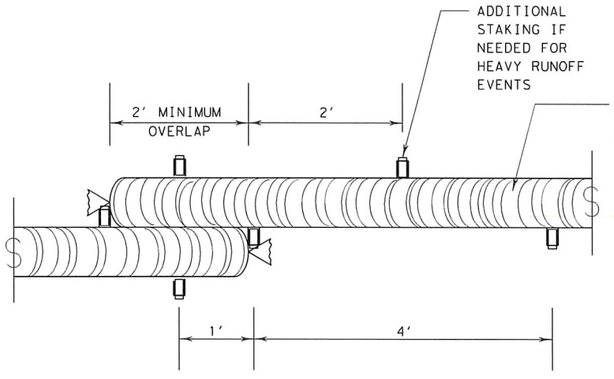
EROSION CONTROL LOG SPACING TABLE				
SLOPE	LOG DIAMETER			
	6"	8"	12"	18"
1:1 OR STEEPER	5'	10'	15'	20'
2:1	10'	20'	30'	40'
3:1	15'	30'	45'	60'
4:1 OR FLATTER	20'	40'	60'	80'

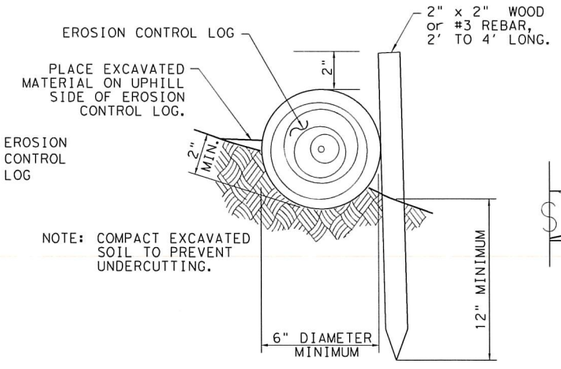
* ADJUSTMENTS CAN BE MADE FOR SOIL TYPE:
SOFT, LOAMY SOILS-ADJUST ROWS CLOSER TOGETHER;
HARD, ROCKY SOILS- ADJUST ROWS FARTHER APART



EROSION CONTROL LOGS ON SLOPES
STAKE AND LASHING ANCHORING

CL-SSL

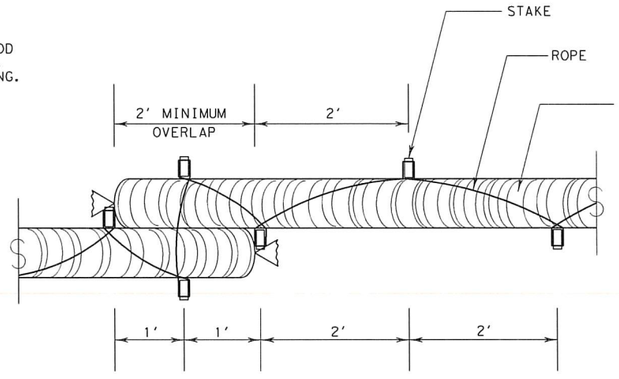


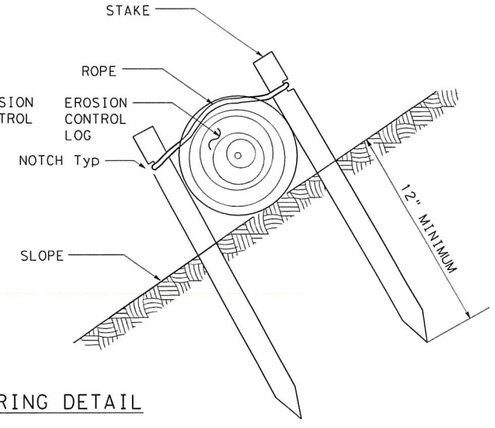


STAKE AND TRENCHING ANCHORING DETAIL

CL-SST

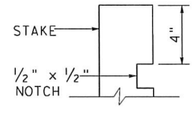
TRENCH DEPTH TABLE	
LOG DIAMETER	DEPTH
6"	2"
8"	3"
12"	4"
18"	5"





STAKE AND LASHING ANCHORING DETAIL

CL-SSL



STAKE NOTCH DETAIL

Texas Department of Transportation

Design Division Standard

TEMPORARY EROSION, SEDIMENT AND WATER POLLUTION CONTROL MEASURES

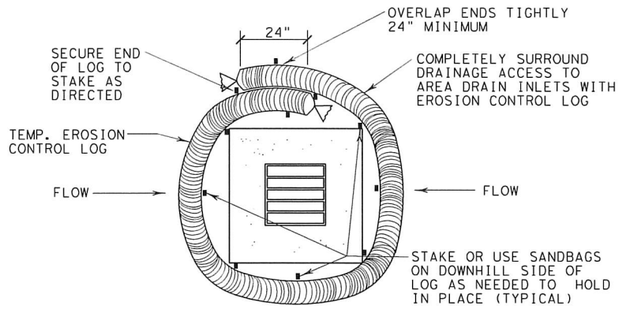
EROSION CONTROL LOG

EC(9)-16

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REVISIONS				
	DIST	COUNTY		SHEET NO.
				44

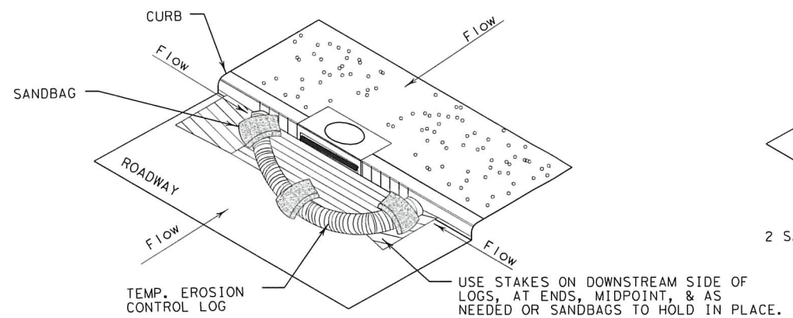
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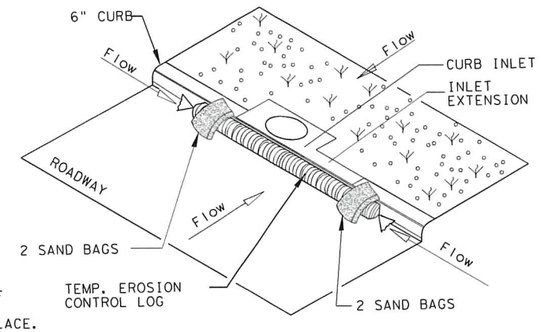
EROSION CONTROL LOG AT DROP INLET

CL-DI



EROSION CONTROL LOG AT CURB INLET

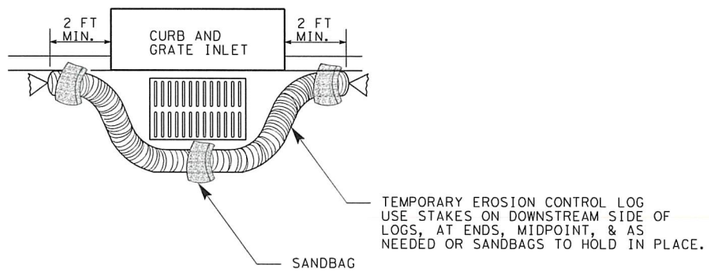
CL-CI



EROSION CONTROL LOG AT CURB INLET

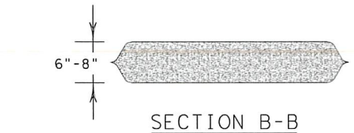
CL-CI

NOTE:
EROSION CONTROL LOGS USED AT CURB INLETS SHOULD ONLY BE USED IF THEY WILL NOT IMPEDE TRAFFIC OR FLOOD THE ROADWAY OR WHEN THE STORM SEWER SYSTEM IS NOT FULLY FUNCTIONAL.

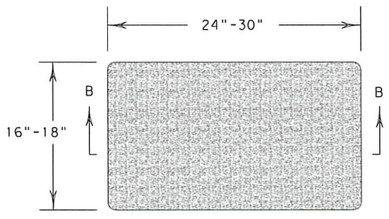


EROSION CONTROL LOG AT CURB & GRADE INLET

CL-GI



SECTION B-B



SANDBAG DETAIL

SHEET 3 OF 3

Texas Department of Transportation | Design Division Standard

TEMPORARY EROSION, SEDIMENT AND WATER POLLUTION CONTROL MEASURES

EROSION CONTROL LOG

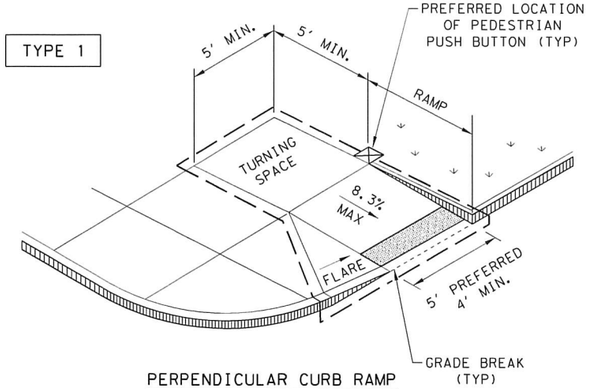
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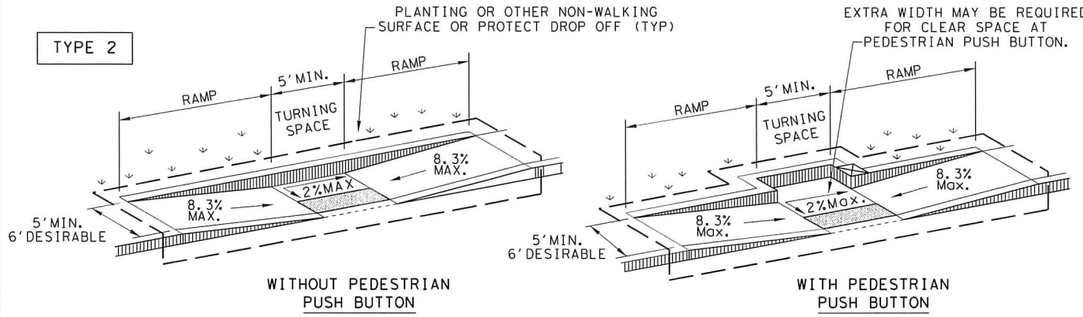
DATE:
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TYPE 1



PERPENDICULAR CURB RAMP

TYPE 2

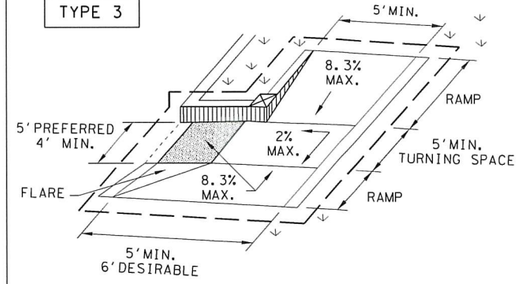


WITHOUT PEDESTRIAN PUSH BUTTON

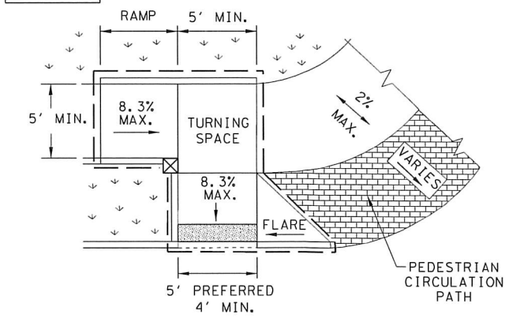
WITH PEDESTRIAN PUSH BUTTON

PARALLEL CURB RAMP

TYPE 3

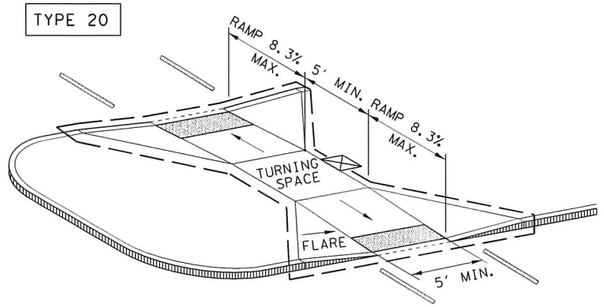


TYPE 6



COMBINATION CURB RAMPS

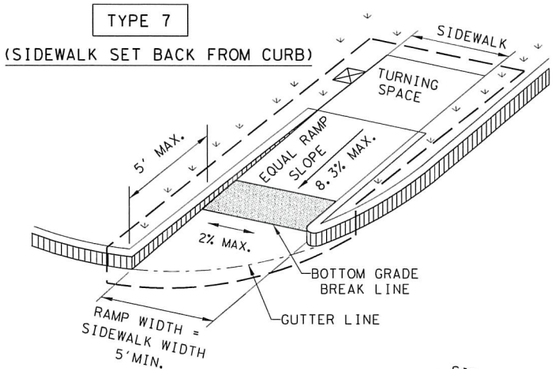
TYPE 20



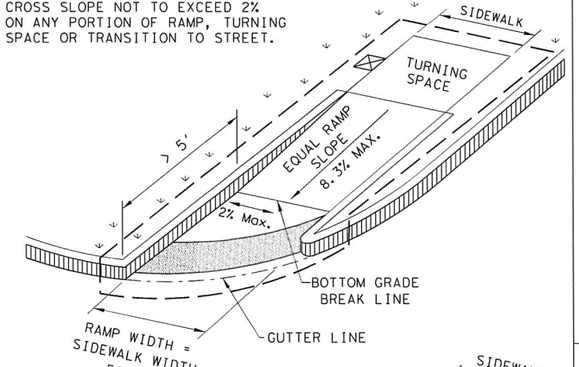
CURB RAMPS AT MEDIAN ISLANDS

TYPE 7

(SIDEWALK SET BACK FROM CURB)

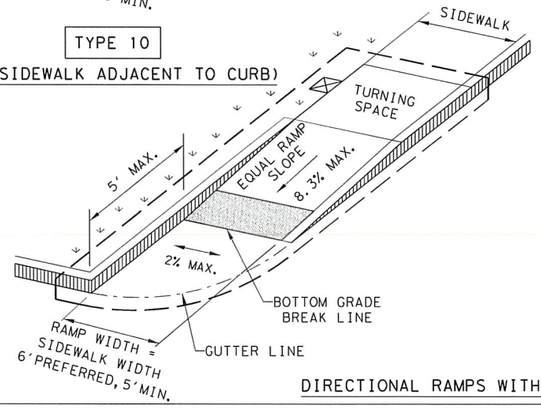


CROSS SLOPE NOT TO EXCEED 2% ON ANY PORTION OF RAMP, TURNING SPACE OR TRANSITION TO STREET.

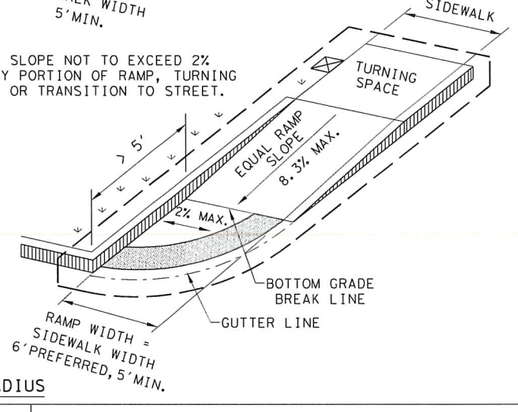


TYPE 10

(SIDEWALK ADJACENT TO CURB)

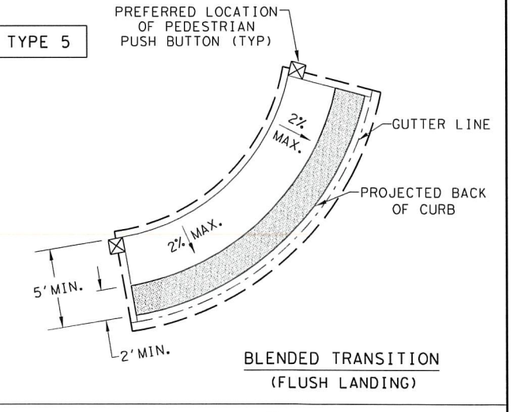


CROSS SLOPE NOT TO EXCEED 2% ON ANY PORTION OF RAMP, TURNING SPACE OR TRANSITION TO STREET.



DIRECTIONAL RAMPS WITHIN RADIUS

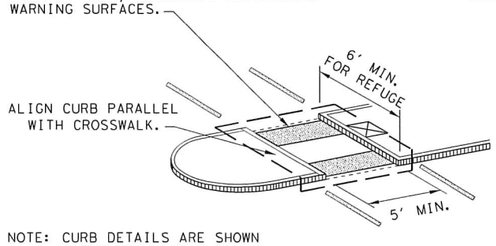
TYPE 5



BLENDED TRANSITION
(FLUSH LANDING)

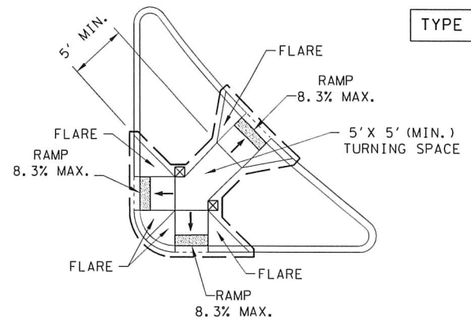
TYPE 21

INSTALL DETECTABLE WARNING SURFACE AT EACH END OF THE CUT-THROUGH RAMP WITH A MINIMUM 2' USUAL SIDEWALK SURFACE BETWEEN. IF MEDIAN IS LESS THAN 6' WIDE, ELIMINATE DETECTABLE WARNING SURFACES.



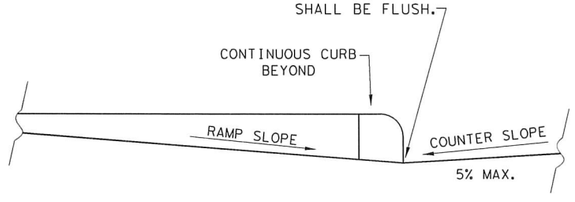
NOTE: CURB DETAILS ARE SHOWN ELSEWHERE IN THE PLANS.

TYPE 22



COMBINATION ISLAND RAMPS

BOTTOM GRADE BREAK OF CURB RAMP WILL NORMALLY BE AT GUTTER LINE. SURFACE SLOPES AT GRADE BREAKS SHALL BE FLUSH.



TYPICAL SECTION OF PERPENDICULAR CURB RAMP AT CONNECTION TO ROADWAY

NOTES / LEGEND:

SEE GENERAL NOTES ON SHEET 2 OF 4 FOR MORE INFORMATION.

DENOTES PLANTING OR NON-WALKING SURFACE NOT PART OF PEDESTRIAN CIRCULATION PATH.

DETECTABLE WARNING SURFACE

DENOTES PREFERRED LOCATION OF PEDESTRIAN PUSH BUTTON IF APPLICABLE.

GUTTER LINE

GRADE BREAK

RAMP LIMITS OF PAYMENT

SHEET 1 OF 4

Texas Department of Transportation

Design Division Standard

PEDESTRIAN FACILITIES CURB RAMPS

PED-18

FILE: ped18	DN: TxDOT	DW: VP	CK: KM	CK: PK & JG
© TxDOT: MARCH, 2002	CONT	SECT	JOB	HIGHWAY
REVISIONS REVISED 08,2005 REVISED 06,2012 REVISED 01,2018	DIST	COUNTY		SHEET NO. 46

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DATE:
FILE:

GENERAL NOTES

CURB RAMPS

1. Install a curb ramp or blended transition at each pedestrian street crossing.
2. All slopes shown are maximum allowable. Cross slopes of 1.5% and lesser running should be used. Adjust curb ramp length or grade of approach sidewalks as directed.
3. Maximum allowable cross slope on sidewalk and curb ramp surfaces is 2%.
4. The minimum sidewalk width is 5'. Where the sidewalk is adjacent to the back of curb, a 6' sidewalk width is desirable. Where a 5' sidewalk cannot be provided due to site constraints, sidewalk width may be reduced to 4' for short distances. 5'x 5' passing areas at intervals not to exceed 200' are required.
5. Turning Spaces shall be 5'x 5' minimum. Cross slope shall be maximum 2%.
6. Clear space at the bottom of curb ramps shall be a minimum of 4'x 4' wholly contained within the crosswalk and wholly outside the parallel vehicular travel path.
7. Provide flared sides where the pedestrian circulation path crosses the curb ramp. Flared sides shall be sloped at 10% maximum, measured parallel to the curb. Returned curbs may be used only where pedestrians would not normally walk across the ramp, either because the adjacent surface is planted, substantially obstructed, or otherwise protected.
8. Additional information on curb ramp location, design, light reflective value and texture may be found in the latest draft of the Proposed Guidelines for Pedestrian Facilities in the Public Right of Way (PROWAG) as published by the U.S. Architectural and Transportation Barriers Compliance Board (Access Board).
9. To serve as a pedestrian refuge area, the median should be a minimum of 6' wide, measured from back of curbs. Medians should be designed to provide accessible passage over or through them.
10. Small channelization islands, which do not provide a minimum 5'x 5' landing at the top of curb ramps, shall be cut through level with the surface of the street.
11. Crosswalk dimensions, crosswalk markings and stop bar locations shall be as shown elsewhere in the plans. At intersections where crosswalk markings are not required, curb ramps shall align with theoretical crosswalks unless otherwise directed.
12. Provide curb ramps to connect the pedestrian access route at each pedestrian street crossing. Handrails are not required on curb ramps.
13. Curb ramps and landings shall be constructed and paid for in accordance with Item 531 "Sidewalks".
14. Place concrete at a minimum depth of 5" for ramps, flares and landings, unless otherwise directed.
15. Furnish and install No. 3 reinforcing steel bars at 18" o.c. both ways, unless otherwise directed.
16. Provide a smooth transition where the curb ramps connect to the street.
17. Curbs shown on sheet 1 within the limits of payment are considered part of the curb ramp for payment, whether it is concrete curb, gutter, or combined curb and gutter.
18. Existing features that comply with applicalble standards may remain in place unless otherwise shown on the plans.

DETECTABLE WARNING MATERIAL

19. Curb ramps must contain a detectable warning surface that consists of raised truncated domes complying with PROWAG. The surface must contrast visually with adjoining surfaces, including side flares. Furnish and install an approved cast-in-place dark brown or dark red detectable warning surface material adjacent to uncolored concrete, unless specified elsewhere in the plans.
20. Detectable Warning Materials must meet TxDOT Departmental Materials Specification DMS 4350 and be listed on the Material Producer List. Install products in accordance with manufacturer's specifications.
21. Detectable warning surfaces must be firm, stable and slip resistant.
22. Detectable warning surfaces shall be a minimum of 24 inches in depth in the direction of pedestrian travel, and extend the full width of the curb ramp or landing where the pedestrian access route enters the street.
23. Detectable warning surfaces shall be located so that the edge nearest the curb line is at the back of curb and neither end of that edge is greater than 5 feet from the back of curb. Detectable warning surfaces may be curved along the corner radius.
24. Shaded areas on Sheet 1 of 4 indicate the approximate location for the detectable warning surface for each curb ramp type.

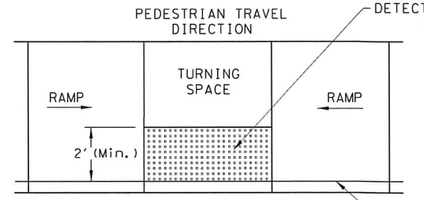
DETECTABLE WARNING PAVERS (IF USED)

25. Furnish detectable warning paver units meeting all requirements of ASTM C-936, C-33. Lay in a two by two unit basket weave pattern or as directed.
26. Lay full-size units first followed by closure units consisting of at least 25 percent (25%) of a full unit. Cut detectable warning paver units using a power saw.

SIDEWALKS

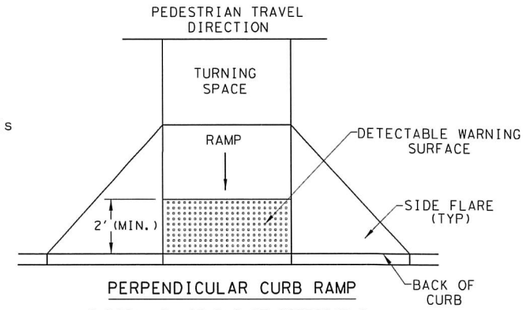
27. Provide clear ground space at operable parts, including pedestrian push buttons. Operable parts shall be placed within unobstructed reach range specified in PROWAG section R406.
28. Place traffic signal or illumination poles, ground boxes, controller boxes, signs, drainage facilities and other items so as not to obstruct the pedestrian access route or clear ground space.
29. Street grades and cross slopes shall be as shown elsewhere in the plans.
30. Changes in level greater than 1/4 inch are not permitted.
31. The least possible grade should be used to maximize accessibility. The running slope of sidewalks and crosswalks within the public right of way may follow the grade of the parallel roadway. Where a continuous grade greater than five percent (5%) must be provided, handrails may be desirable to improve accessibility. Handrails may also be needed to protect pedestrians from potentially hazardous conditions. If provided, handrails shall comply with PROWAG R409.
32. Handrail extensions shall not protrude into the usable landing area or into intersecting pedestrian routes.
33. Driveways and turnouts shall be constructed and paid for in accordance with Item "Intersections, Driveways and Turnouts". Sidewalks shall be constructed and paid for in accordance with Item, "Sidewalks".
34. Sidewalk details are shown elsewhere in the plans.

DETECTABLE WARNING SURFACE DETAILS



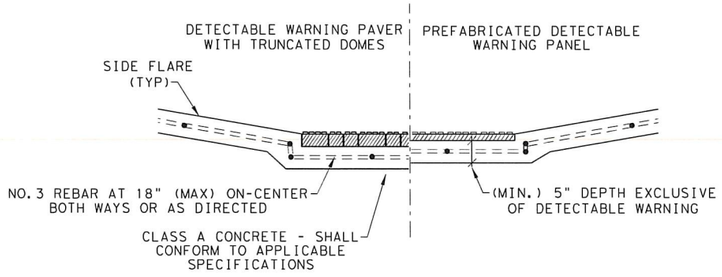
PARALLEL CURB RAMP

TYPICAL PLACEMENT OF DETECTABLE WARNING SURFACE ON LANDING AT STREET EDGE.

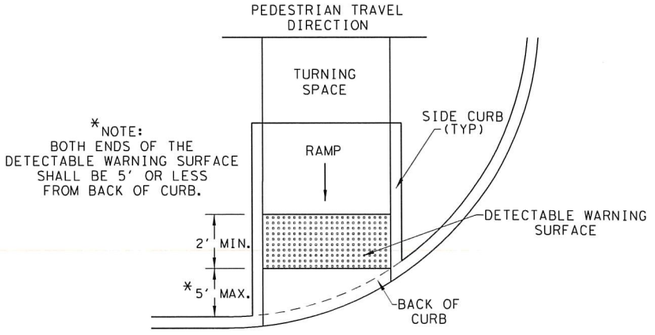


PERPENDICULAR CURB RAMP

TYPICAL PLACEMENT OF DETECTABLE WARNING SURFACE ON SLOPING RAMP RUN.



SECTION VIEW DETAIL
CURB RAMP AT DETECTIBLE WARNINGS



DIRECTIONAL CURB RAMP

TYPICAL PLACEMENT OF DETECTABLE WARNING SURFACE ON SLOPING RAMP RUN.

SHEET 2 OF 4

Texas Department of Transportation | Design Division Standard

PEDESTRIAN FACILITIES
CURB RAMPS

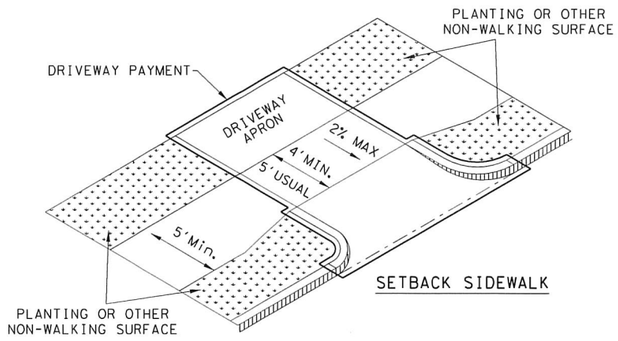
PED-18

FILE: ped18	DN: TxDOT	DW: VP	CK: KM	CK: PK & JG	
© TxDOT: MARCH, 2002	CONT	SECT	JOB	HIGHWAY	
REVISIONS					
REVISED 08,2005 REVISED 06,2012 REVISED 01,2018	DIST	COUNTY		SHEET NO.	
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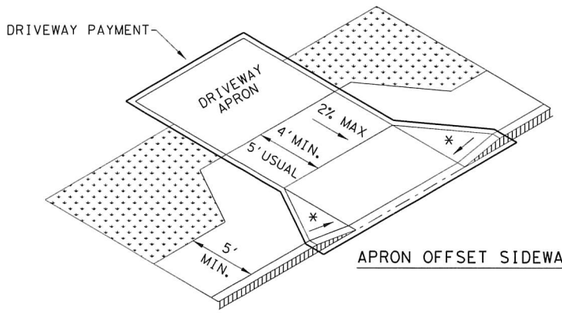
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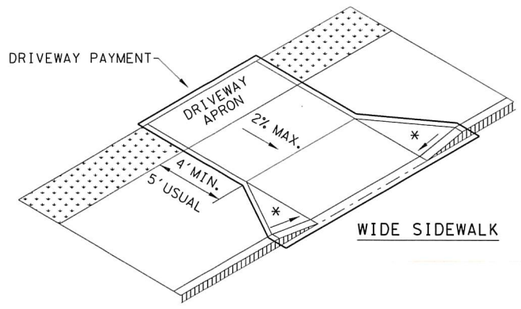
SIDEWALK TREATMENT AT DRIVEWAYS



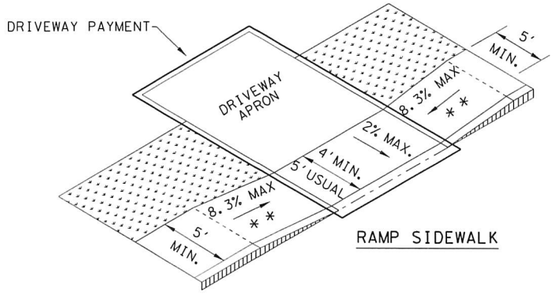
SETBACK SIDEWALK



APRON OFFSET SIDEWALK



WIDE SIDEWALK

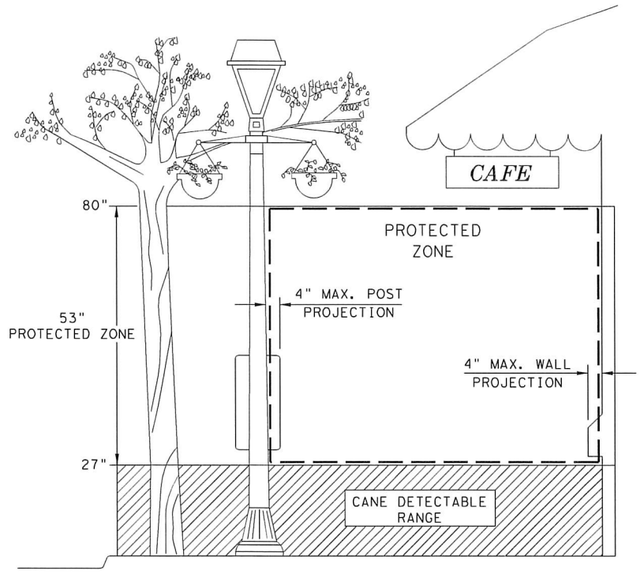


RAMP SIDEWALK

NOTES:

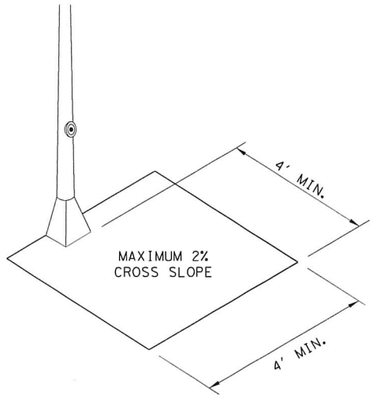
* WHERE DRIVEWAYS CROSS THE PEDESTRIAN ROUTE, SIDES SHALL BE FLARED AT 10% MAX SLOPE.

* * IF CURB HEIGHT IS GREATER THAN 6 INCHES, USE GRADE LESS THAN OR EQUAL TO 5%. HANDRAIL AND DETECTABLE WARNING ARE NOT REQUIRED.

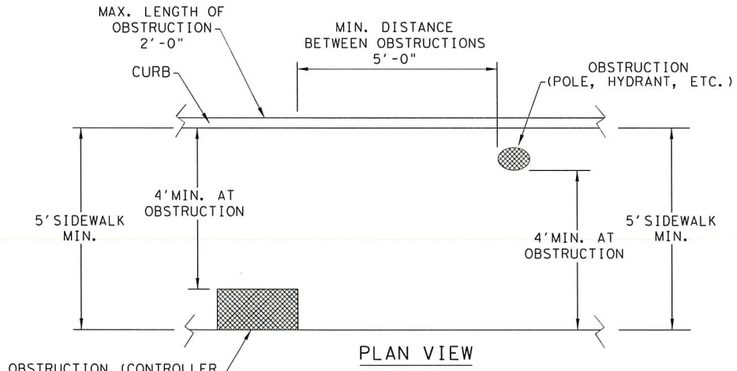


PROTECTED ZONE

NOTE: IN PEDESTRIAN CIRCULATION AREA, MAXIMUM 4" PROJECTION FOR POST OR WALL MOUNTED OBJECTS BETWEEN 27" AND 80" ABOVE THE SURFACE.



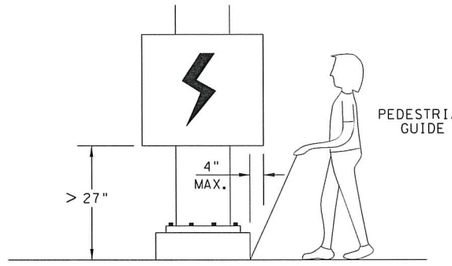
CLEAR SPACE ADJACENT TO PEDESTRIAN PUSH BUTTON



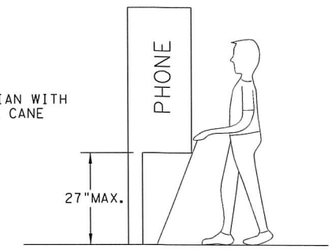
PLAN VIEW

PLACEMENT OF STREET FIXTURES

NOTE: ITEMS NOT INTENDED FOR PUBLIC USE. MINIMUM 4' X 4' CLEAR GROUND SPACE REQUIRED AT PUBLIC USE FIXTURES.



WHEN AN OBSTRUCTION OF A HEIGHT GREATER THAN 27" FROM THE SURFACE WOULD CREATE A PROTRUSION OF MORE THAN 4" INTO THE PEDESTRIAN CIRCULATION AREA, CONSTRUCT ADDITIONAL CURB OR FOUNDATION AT THE BOTTOM TO PROVIDE A MAXIMUM 4" OVERHANG.



PROTRUDING OBJECTS OF A HEIGHT ≤ 27" ARE DETECTABLE BY CANE AND DO NOT REQUIRE ADDITIONAL TREATMENT.

DETECTION BARRIER FOR VERTICAL CLEARANCE < 80"

SHEET 3 OF 4

Texas Department of Transportation | Design Division Standard

PEDESTRIAN FACILITIES CURB RAMPS

PED-18

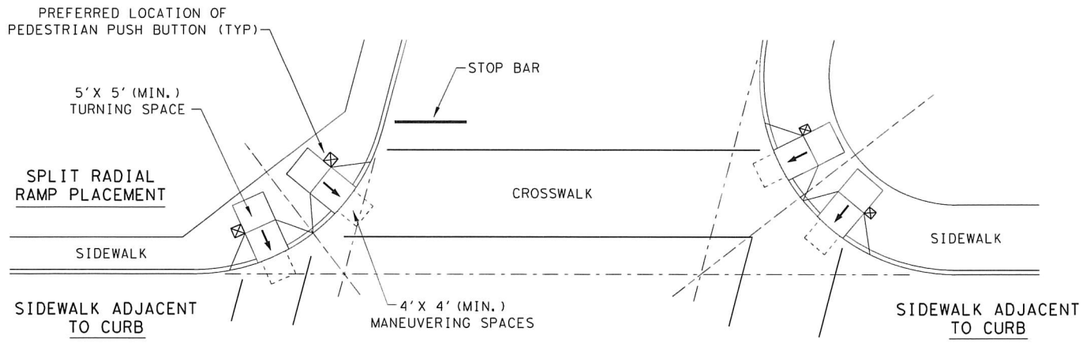
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© TxDOT: MARCH, 2002	CONT	SECT	JOB	HIGHWAY	
REVISIONS					
REVISED 08,2005 REVISED 06,2012 REVISED 01,2018	DIST	COUNTY		SHEET NO.	
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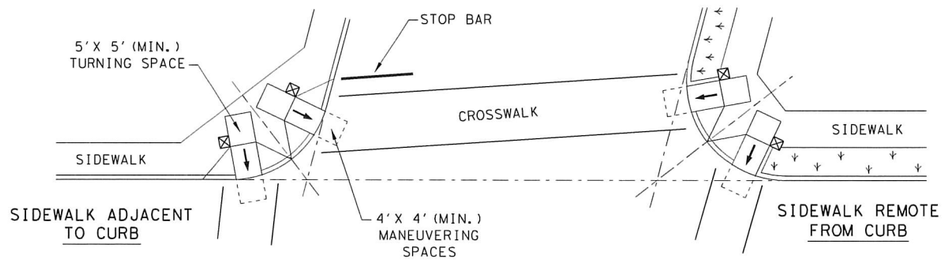
DATE:
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TYPICAL CROSSING LAYOUTS

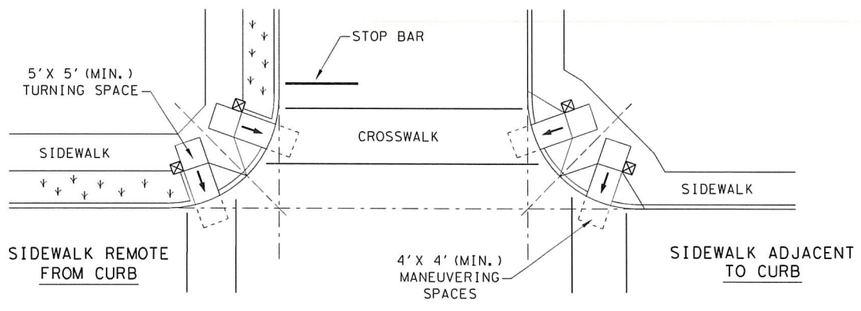
SEE SHEET 1 OF 4 FOR DETAILS AND DIMENSIONS



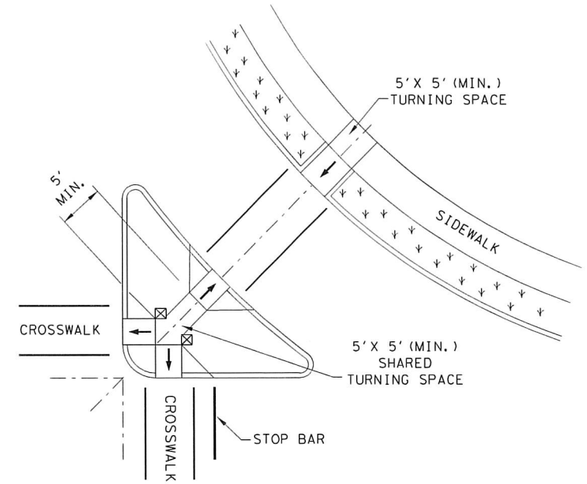
SKEWED INTERSECTION WITH "LARGE" RADIUS



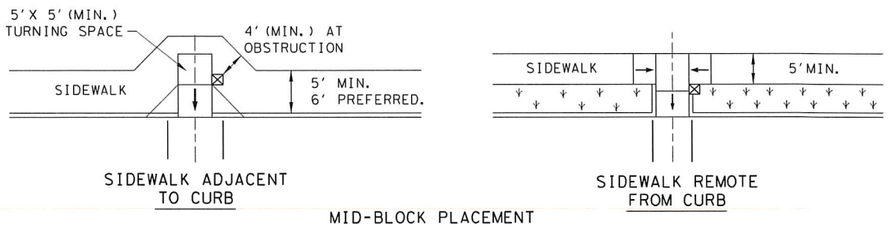
SKEWED INTERSECTION WITH "SMALL" RADIUS



NORMAL INTERSECTION WITH "SMALL" RADIUS



AT INTERSECTION
W/FREE RIGHT TURN & ISLAND



MID-BLOCK PLACEMENT
PERPENDICULAR RAMPS

LEGEND:

SHOWS DOWNWARD SLOPE. →

DENOTES PREFERRED LOCATION OF PEDESTRIAN PUSH BUTTON (IF APPLICABLE). ☒

DENOTES PLANTING OR NON-WALKING SURFACE NOT PART OF PEDESTRIAN CIRCULATION PATH.

SHEET 4 OF 4

Texas Department of Transportation — Design Division Standard

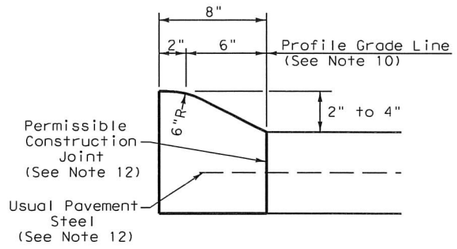
PEDESTRIAN FACILITIES CURB RAMPS

PED-18

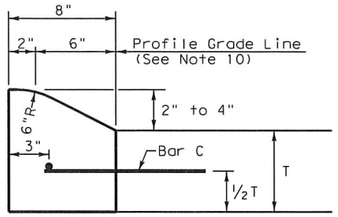
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REVISED 08,2005 REVISED 06,2012 REVISED 01,2018	DIST	COUNTY		SHEET NO.	
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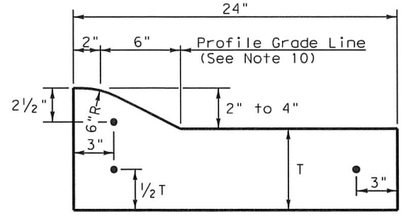
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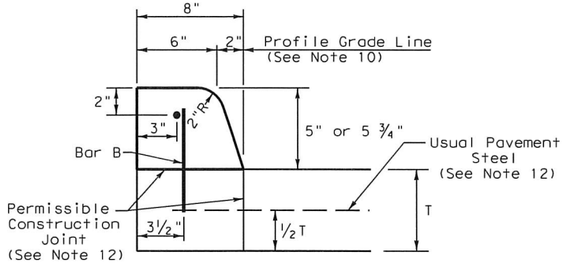
TYPE I CURB (MONOLITHIC)
2" - 4" HEIGHT



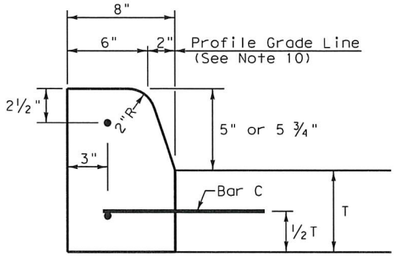
TYPE I CURB
2" - 4" HEIGHT



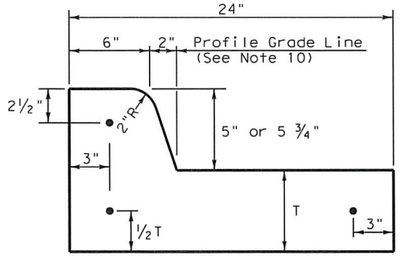
TYPE I CURB AND GUTTER
2" - 4" HEIGHT



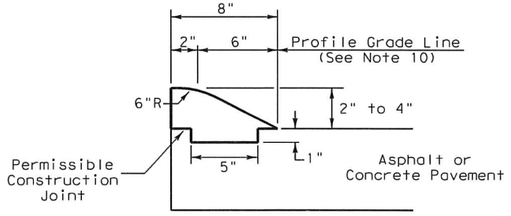
TYPE II CURB (MONOLITHIC)
5" - 5 ¾" HEIGHT



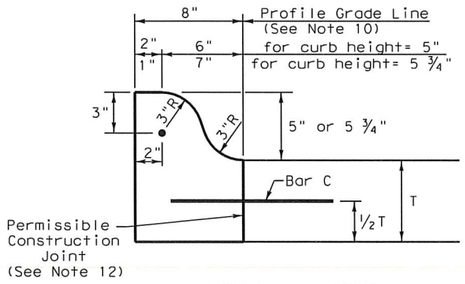
TYPE II CURB
5" - 5 ¾" HEIGHT



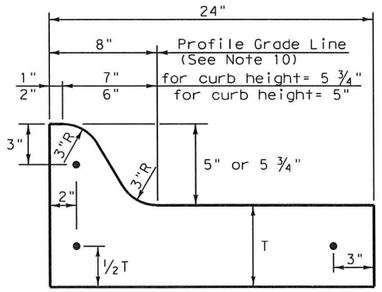
TYPE II CURB AND GUTTER
5" - 5 ¾" HEIGHT



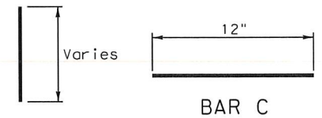
TYPE III CURB (KEYED)
2" - 4" HEIGHT



TYPE IIa CURB
5" - 5 ¾" HEIGHT

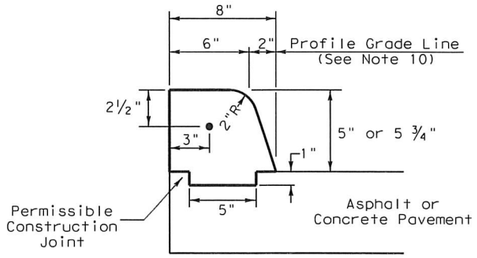


TYPE IIa CURB AND GUTTER
5" - 5 ¾" HEIGHT

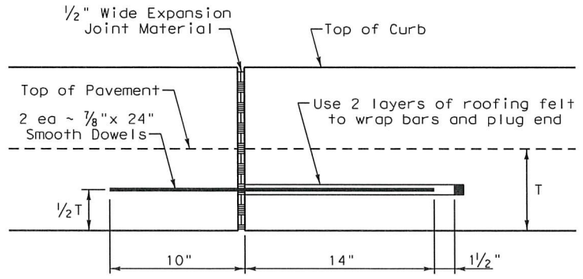


BAR B

BAR C

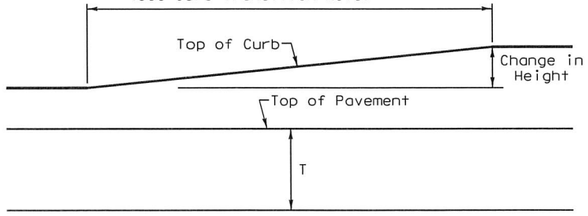


TYPE IV CURB (KEYED)
5" - 5 ¾" HEIGHT



EXPANSION JOINT DETAIL

Curb Transition Note:
Field conditions may require a longer or shorter transition, and shall be shown elsewhere in the plans, or as directed by the Engineer.



CURB TRANSITION
Note: To be paid for as Highest Curb

General Notes

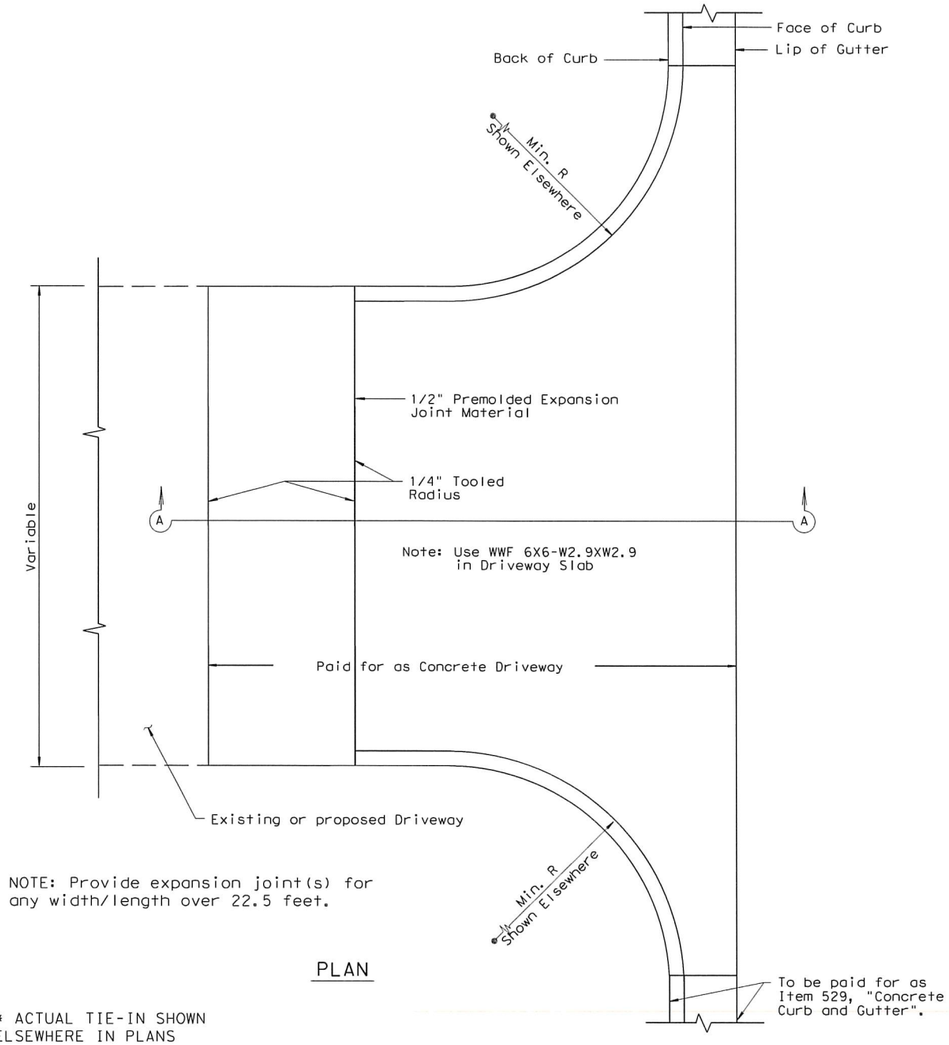
1. All materials and construction shall be in accordance with Item 529, "Concrete Curb, Gutter, and Combined Curb and Gutter."
2. Concrete shall be Class A.
3. When reinforcing bars are used, they shall be No. 4 unless otherwise shown. The use of synthetic fiber in lieu of steel reinforcing is acceptable, provided the fiber producer is on the Department Producer List (MPL), maintained by TxDOT, Construction Division.
4. Round exposed sharp edges with a rounding tool, to a minimum radius of ¼ inch.
5. All existing curbs and driveways to be removed shall be sawed or removed at existing joints.
6. Where concrete curb is placed on existing concrete pavement, the pavement shall be drilled and the reinforcing bars grouted in place.
7. Expansion and contraction joints shall be constructed to match pavement joints in all curbs and curb and gutter adjacent to jointed concrete pavement. Where placement of curb or curb and gutter is not adjacent to concrete pavement, expansion joints shall be provided at structures, curb returns at streets, and at locations directed by The Engineer.
8. Vertical and horizontal dowel bars and transverse reinforcing bars shall be placed at four feet C-C.
9. Dimension 'T' shown is the thickness of concrete pavement. When curb is installed adjacent to flexible pavement dimension 'T' is 8" maximum.
10. Usual profile grade line. Refer to typical sections and plan-profile sheets for exact locations.
11. One-half inch expansion joint material shall be provided where curb or curb and gutter is adjacent to sidewalk or riprap.
12. When vertical permissible construction joints are used, resulting in a longitudinal construction joint in the pavement, the longitudinal pavement steel shall be placed in accordance with pavement details shown elsewhere in the plans for longitudinal construction joints. Reinforcing steel for curb section shall then conform to that required for concrete curb.

Texas Department of Transportation | Design Division Standard

CURB AND GUTTER

CCCG-12

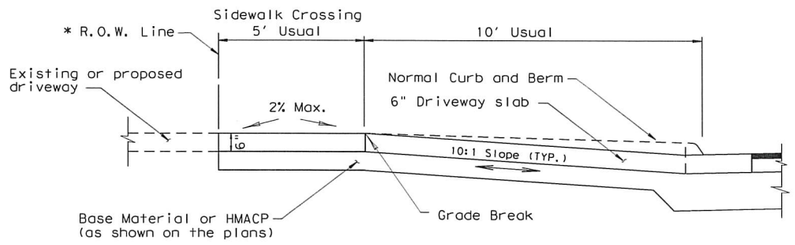
FILE: cccg12.dgn	DN: TxDOT	CK: AM	DW: VP	CK: VP	
©TxDOT: 1995	CONT	SECT	JOB	HIGHWAY	
REVISIONS UPDATED 2012 - VP					
	DIST	COUNTY		SHEET NO.	
				50	



NOTE: Provide expansion joint(s) for any width/length over 22.5 feet.

PLAN

* ACTUAL TIE-IN SHOWN ELSEWHERE IN PLANS OR AS DIRECTED.



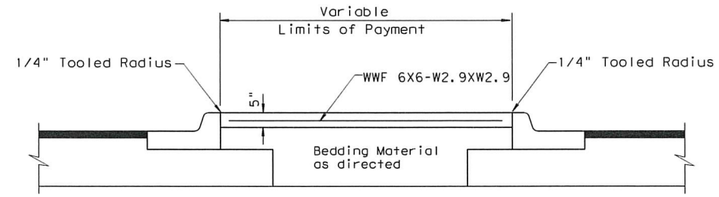
SECTION A-A

CONCRETE DRIVEWAY DETAILS

Payment for Driveways will be in accordance with Item 530, "Driveways".

Ensure grade break does not exceed 8% unless otherwise directed.

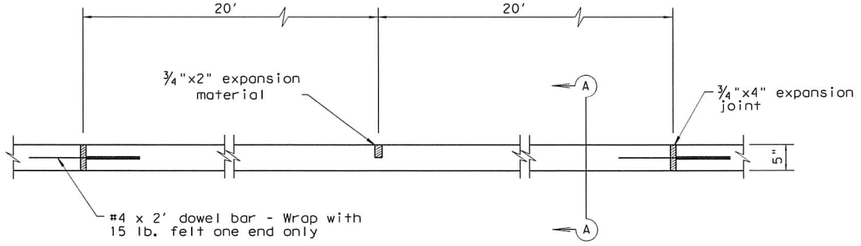
Provide absolute minimum sidewalk crossing width of 3' for driveway width of 20' or less.



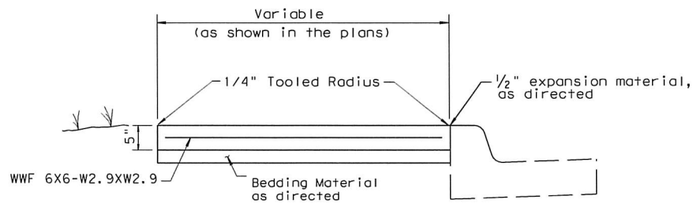
RIPRAP MEDIAN DETAIL

Use Class B Concrete for Riprap.

Payment of Riprap Median will be in accordance with Item 432, "Riprap".



ELEVATION



SECTION A-A

SIDEWALK DETAILS

Place a 3/4" expansion joint at 40' (max.) intervals and at sidewalk ends.

Expansion joints will be continuous with adjacent curb and gutter joints.

Place a 1/4" tooled radius at all joints.

Ensure the cross slope of the sidewalk does not exceed 2%.

Payment for sidewalk will be in accordance with Item 531, "Sidewalks".

See Statewide PED standard for additional pedestrian element criteria.

Use Class A concrete unless noted otherwise in the plans.

Texas Department of Transportation | Austin District Standard

CDSR-15(AUS) CONCRETE DRIVEWAYS, SIDEWALKS, AND RIPRAP MEDIANS

© 2015

REVISIONS
4/03 District Update
9/04 2004 Update
1/15 Modified Details

CONT	SECT	JOB	HIGHWAY
XXX	XX	XX	XX
DIST	COUNTY		SHEET NO.
WILCO	WILIAMSON		51

FILE: $FILEL$
DATE: 4/1/2019 2:30:06 PM

Bid Form
Bluebonnet Drive
Williamson County, TX

ITEM	NO	DESCRIPTION	UNITS	QUANTITY	UNIT PRICE	COST
100	6001	PREPARING ROW	AC	0.58		
110	6001	EXCAVATION (ROADWAY)	CY	884.00		
132	6001	EMBANKMENT (FINAL)(ORD COMP)(TY A)	CY	25.00		
160	6003	FURNISHING AND PLACING TOPSOIL (4")	SY	1252.00		
162	6002	BLOCK SODDING	SY	1252.00		
166	6001	FERTILIZER	AC	0.26		
168	6001	VEGETATIVE WATERING	MG	47.00		
247	6041	FL BS (CMP IN PLC)(TYA GR1-2)(FNAL POS)	CY	1390.00		
260	6002	LIME (HYDRATED LIME (SLURRY))	TON	43.00		
260	6027	LIME TRT (EXST MATL)(8")	SY	4548.00		
310	6027	PRIME COAT(MC-30 OR AE-P)	GAL	792.00		
316	6175	AGGR(TY-B GR-4 SAC-B)	CY	35.00		
316	6466	ASPH (CHFRS-2P OR CRS-2P)	GAL	1386.00		
340	6011	D-GR HMA(SQ) TY-B PG64-22	TON	872.00		
340	6122	D-GR HMA(SQ) TY-D PG70-22	TON	436.00		
354	6082	PLANE ASPH CONC PAV (10")	SY	4548.00		
465	6228	INLET (TOP) (CURB)	EA	6.00		
479	6001	ADJUSTING MANHOLES	EA	4.00		
496	6002	REMOV STR (INLET)(CURB)	EA	6.00		
500	6001	MOBILIZATION	LS	1.00		
502	6001	BARRICADES, SIGNS AND TRAFFIC HANDLING	MO	4.00		
506	6020	CONSTRUCTION EXITS (INSTALL) (TY 1)	SY	300.00		
506	6024	CONSTRUCTION EXITS (REMOVE)	SY	300.00		
506	6038	TEMP SEDMT CONT FENCE (INSTALL)	LF	1021.00		
506	6039	TEMP SEDMT CONT FENCE (REMOVE)	LF	1021.00		
506	6040	BIODEG EROSN CONT LOGS (INSTL) (8")	LF	80.00		
506	6043	BIODEG EROSN CONT LOGS (REMOVE)	LF	80.00		
529	6008	CONC CURB & GUTTER (TY II)	LF	2144.00		
529	6030	CONC CURB & GUTTER (VALLEY GUTTER)	LF	104.00		
530	6004	DRIVEWAYS (CONC)	SY	797.00		
531	6001	CONC SIDEWALKS (4")	SY	1282.00		
531	6004	CURB RAMPS (TY 1)	EA	9.00		
644	6070	RELOCATE SM RD SN SUP&AM TY S80	EA	17.00		
3060	6001	GEOGRID BASE REINFORCEMENT	SY	4548.00		
7021	6102	ADJUST WATER VALVE COVERS AND STACKS	EA	4.00		
		PROJECT TOTAL				

Agreement for 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 _____ Solicitation # _____, _____; 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 _____ Solicitation # _____, 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 FOR SUBSTANTIAL COMPLETION: _____

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 _____**; 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 **_____**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:		$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	

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:

WILLIAMSON COUNTY, TEXAS,
a political subdivision of the state of Texas

By: _____

Printed Name: _____

Title: _____

Date: _____

CONTRACTOR:

By: _____

Printed Name: _____

Title: _____

Date: _____

Party Representatives

Owner's Designated Representative ("ODR"):

_____
_____
_____
_____
Phone _____
Fax _____

Contractor's Designated Representative:

_____
_____
_____
_____
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 FORM CIQ

For vendor doing business with local governmental entity

This questionnaire reflects changes made to the law by H.B. 23, 84th Leg., Regular Session.

This questionnaire is being filed in accordance with Chapter 176, Local Government Code, by a vendor who has a business relationship as defined by Section 176.001(1-a) with a local governmental entity and the vendor meets requirements under Section 176.006(a).

By law this questionnaire must be filed with the records administrator of the local governmental entity not later than the 7th business day after the date the vendor becomes aware of facts that require the statement to be filed. *See* Section 176.006(a-1), Local Government Code.

A vendor commits an offense if the vendor knowingly violates Section 176.006, Local Government Code. An offense under this section is a misdemeanor.

OFFICE USE ONLY

Date Received

1 **Name of vendor who has a business relationship 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 the 7th business day after the date on which you became aware that the originally filed questionnaire was incomplete or inaccurate.)

3 **Name of local government officer about whom the information is being disclosed.**

Name of Officer

4 Describe each employment or other business relationship with the local government officer, or a family member of the officer, as described by Section 176.003(a)(2)(A). Also describe any family relationship with the local government officer. Complete subparts A and B for each employment or business relationship described. Attach additional pages to this Form CIQ as necessary.

A. Is the local government officer or a family member of the officer receiving or likely to receive taxable income,other than investment income, from the vendor?

☐ Yes ☐ No

B.Is the vendor receiving or likely to receive taxable income, other than investment income, from or at the directionof the local government officer or a family member of the officer AND the taxable income is not received from the local governmental entity?

☐ Yes ☐ No

5 **Describe each employment or business relationship that the vendor named in Section 1 maintains with a corporation or other business entity with respect to which the local government officer serves as an officer or director, or holds an ownership interest of one percent or more.**

6 ☐ Check this box if the vendor has given the local government officer or a family member of the officer one or more gifts as described in Section 176.003(a)(2)(B), excluding gifts described in Section 176.003(a-1).

7 Signature is not required if completing in BIDSYNC electronically;

Signature of vendor doing business with the governmental entity Date

Form provided by Texas Ethics Commission www.ethics.state.tx.us Revised 11/30/2015

CONFLICT OF INTEREST QUESTIONNAIRE

For vendor doing business with local governmental entity

A complete copy of Chapter 176 of the Local Government Code may be found at http://www.statutes.legis.state.tx.us/ Docs/LG/htm/LG.176.htm. For easy reference, below are some of the sections cited on this form.

Local Government Code § 176.001(1-a): "Business relationship" means a connection between two or more parties based on commercial activity of one of the parties. The term does not include a connection based on:

(A) a transaction that is subject to rate or fee regulation by a federal, state, or local governmental entity or anagency of a federal, state, or local governmental entity;

(B) a transaction conducted at a price and subject to terms available to the public; or

(C) a purchase or lease of goods or services from a person that is chartered by a state or federal agency andthat is subject to regular examination by, and reporting to, that agency.

Local Government Code § 176.003(a)(2)(A) and (B):

(a) A local government officer shall file a conflicts disclosure statement with respect to a vendor if:

***

(2) the vendor:

(A) has an employment or other business relationship with the local government officer or afamily member of the officer that results in the officer or family member receiving taxable income, other than investment income, that exceeds $2,500 during the 12-month period preceding the date that the officer becomes aware that

(i) a contract between the local governmental entity and vendor has been executed;or

(ii) the local governmental entity is considering entering into a contract with thevendor;

(B) has given to the local government officer or a family member of the officer one or more giftsthat have an aggregate value of more than $100 in the 12-month period preceding the date the officer becomes aware that:

(i) a contract between the local governmental entity and vendor has been executed;

or (ii) the local governmental entity is considering entering into a contract with the vendor.

Local Government Code § 176.006(a) and (a-1)

(a) A vendor shall file a completed conflict of interest questionnaire if the vendor has a business relationship with a local governmental entity and:

(1) has an employment or other business relationship with a local government officer of that localgovernmental entity, or a family member of the officer, described by Section 176.003(a)(2)(A);

(2) has given a local government officer of that local governmental entity, or a family member of the officer, one or more gifts with the aggregate value specified by Section 176.003(a)(2)(B), excluding any gift described by Section 176.003(a-1); or

(3) has a family relationship with a local government officer of that local governmental entity. (a-1) The completed conflict of interest questionnaire must be filed with the appropriate records administrator not later than the seventh business day after the later of:

(2) the date that the vendor:

(A) begins discussions or negotiations to enter into a contract with the local governmentalentity; or

(B) submits to the local governmental entity an application, response to a request for proposalsor bids, correspondence, or another writing related to a potential contract with the local governmental entity; or

(3) the date the vendor becomes aware:

(A) of an employment or other business relationship with a local government officer, or a family member of the officer, described by Subsection (a);

(B) that the vendor has given one or more gifts described by Subsection (a); or(C) of a family relationship with a local government officer.

Form provided by Texas Ethics Commission www.ethics.state.tx.us Revised 11/30/2015

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 #1904-312 - Bluebonnet Drive Reconstruction in Chandler Creek Subdivision

Overall Bid Questions
There are no questions associated with this bid.

Commissioners Court - Regular Session **21.**

Meeting Date: 04/23/2019

Advertisement Approval IFB 1904-313 EMS Medical Supplies

Submitted For: Randy Barker **Submitted By:** Thomas Skiles, Purchasing

Department: Purchasing

Agenda Category: Consent

Information

Agenda Item

Discuss, consider and take appropriate action on authorizing the Purchasing Agent to advertise and receive sealed bids for EMS Medical Supplies under IFB #1904-313.

Background

Williamson County is seeking qualified vendors to provide medical supplies to Williamson EMS. Department point of contact is Kirk Becker. Funding will be provided by multiple sources throughout the fiscal year as supply needs arise and orders are placed.

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

Bid Package

Form Review

Inbox	Reviewed By	Date
Purchasing (Originator)	Randy Barker	04/17/2019 03:17 PM
County Judge Exec Asst.	Andrea Schiele	04/17/2019 03:28 PM
Form Started By: Thomas Skiles		Started On: 04/17/2019 08:17 AM
Final Approval Date: 04/17/2019		

Solicitation 1904-313

EMS Medical Supplies

Bid Designation: Public

Williamson County, Texas

Bid 1904-313
EMS Medical Supplies

Bid Number	1904-313
Bid Title	EMS Medical Supplies
Bid Start Date	In Held
Bid End Date	May 15, 2019 3:00:00 PM CDT
Question & Answer End Date	May 10, 2019 3:00:00 PM CDT
Bid Contact	Andy Portillo Purchasing Specialist II 512-**943**-3860 andy.portillo@wilco.org
Contract Duration	**1 year**
Contract Renewal	2 annual renewals
Prices Good for	**90 days**
Bid Comments	**Williamson County is seeking qualified vendors to provide medical supplies to Williamson EMS.**

Item Response Form

Item **1904-313-01-01** - 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

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:

CONFLICT OF INTEREST QUESTIONNAIRE

For vendor doing business with local governmental entity

FORM CIQ

This questionnaire reflects changes made to the law by H.B. 23, 84th Leg., Regular Session.

This questionnaire is being filed in accordance with Chapter 176, Local Government Code, by a vendor who has a business relationship as defined by Section 176.001(1-a) with a local governmental entity and the vendor meets requirements under Section 176.006(a).

By law this questionnaire must be filed with the records administrator of the local governmental entity not later than the 7th business day after the date the vendor becomes aware of facts that require the statement to be filed. *See* Section 176.006(a-1), Local Government Code.

A vendor commits an offense if the vendor knowingly violates Section 176.006, Local Government Code. An offense under this section is a misdemeanor.

OFFICE USE ONLY

Date Received

1 **Name of vendor who has a business relationship 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 the 7th business day after the date on which you became aware that the originally filed questionnaire was incomplete or inaccurate.)

3 **Name of local government officer about whom the information is being disclosed.**

Name of Officer

4 Describe each employment or other business relationship with the local government officer, or a family member of the officer, as described by Section 176.003(a)(2)(A). Also describe any family relationship with the local government officer. Complete subparts A and B for each employment or business relationship described. Attach additional pages to this Form CIQ as necessary.

A. Is the local government officer or a family member of the officer receiving or likely to receive taxable income,other than investment income, from the vendor?

☐ Yes ☐ No

B.Is the vendor receiving or likely to receive taxable income, other than investment income, from or at the directionof the local government officer or a family member of the officer AND the taxable income is not received from the local governmental entity?

☐ Yes ☐ No

5 **Describe each employment or business relationship that the vendor named in Section 1 maintains with a corporation or other business entity with respect to which the local government officer serves as an officer or director, or holds an ownership interest of one percent or more.**

6 ☐ Check this box if the vendor has given the local government officer or a family member of the officer one or more gifts as described in Section 176.003(a)(2)(B), excluding gifts described in Section 176.003(a-1).

7 Signature is not required if completing in BIDSYNC electronically;

Signature of vendor doing business with the governmental entity

Date

CONFLICT OF INTEREST QUESTIONNAIRE

For vendor doing business with local governmental entity

A complete copy of Chapter 176 of the Local Government Code may be found at http://www.statutes.legis.state.tx.us/ Docs/LG/htm/LG.176.htm. For easy reference, below are some of the sections cited on this form.

Local Government Code § 176.001(1-a): "Business relationship" means a connection between two or more parties based on commercial activity of one of the parties. The term does not include a connection based on:

(A) a transaction that is subject to rate or fee regulation by a federal, state, or local governmental entity or anagency of a federal, state, or local governmental entity;

(B) a transaction conducted at a price and subject to terms available to the public; or

(C) a purchase or lease of goods or services from a person that is chartered by a state or federal agency andthat is subject to regular examination by, and reporting to, that agency.

Local Government Code § 176.003(a)(2)(A) and (B):

(a) A local government officer shall file a conflicts disclosure statement with respect to a vendor if:

***

(2) the vendor:

(A) has an employment or other business relationship with the local government officer or afamily member of the officer that results in the officer or family member receiving taxable income, other than investment income, that exceeds $2,500 during the 12-month period preceding the date that the officer becomes aware that

(i) a contract between the local governmental entity and vendor has been executed;or

(ii) the local governmental entity is considering entering into a contract with thevendor;

(B) has given to the local government officer or a family member of the officer one or more giftsthat have an aggregate value of more than $100 in the 12-month period preceding the date the officer becomes aware that:

(i) a contract between the local governmental entity and vendor has been executed;

or (ii) the local governmental entity is considering entering into a contract with the vendor.

Local Government Code § 176.006(a) and (a-1)

(a) A vendor shall file a completed conflict of interest questionnaire if the vendor has a business relationship with a local governmental entity and:

(1) has an employment or other business relationship with a local government officer of that localgovernmental entity, or a family member of the officer, described by Section 176.003(a)(2)(A);

(2) has given a local government officer of that local governmental entity, or a family member of the officer, one or more gifts with the aggregate value specified by Section 176.003(a)(2)(B), excluding any gift described by Section 176.003(a-1); or

(3) has a family relationship with a local government officer of that local governmental entity. (a-1) The completed conflict of interest questionnaire must be filed with the appropriate records administrator not later than the seventh business day after the later of:

(2) the date that the vendor:

(A) begins discussions or negotiations to enter into a contract with the local governmentalentity; or

(B) submits to the local governmental entity an application, response to a request for proposalsor bids, correspondence, or another writing related to a potential contract with the local governmental entity; or

(3) the date the vendor becomes aware:

(A) of an employment or other business relationship with a local government officer, or a family member of the officer, described by Subsection (a);

(B) that the vendor has given one or more gifts described by Subsection (a); or(C) of a family relationship with a local government officer.

PUBLIC ANNOUNCEMENT AND GENERAL INFORMATION

WILLIAMSON COUNTY PURCHASING DEPARTMENT
SOLICITATION NUMBER 1904-313
EMS Medical Supplies

PROPOSALS MUST BE RECEIVED ON OR BEFORE:
May 15, 2019 3:00:00 PM CDT

PROPOSALS WILL BE PUBLICLY OPENED:
May 15, 2019 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**
  100 Wilco Way
  Suite P101
  Georgetown, TX 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.

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.

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 FORMS AND SUBMISSION

2.1 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/Departments/Purchasing/Conflict-of-Interest

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 even if no conflict exists. Package may be deemed incomplete without this form.

2.2 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. 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 Bid and/or 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.

2.3 BID AFFIDAVIT

The Bidder attests to abiding by Texas Government Code Chapter 2270, Subtitle F, Title 10 stating that they neither currently boycott Israel, nor will the boycott Israel during the term of the contract. Furthermore, the Bidder 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. Additionally, the Bidder certifies that the 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, Bidder certifies that the he or she 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. **Each Bidder must provide a Bid Affidavit with their Bid Package. Package may be deemed incomplete without this form.**

2.4 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.

2.5 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.

2.6 DELIVERY OF BIDS

The County uses BidSync to distribute and receive Bids and proposals. It is preferred that Bids be submitted electronically through BidSync; however, Bidders can submit a hard copy. Please be aware that submitting bids electronically is a convenience to the bidder. **Williamson County takes no responsibility for any third-party system interruption potentially causing late delivery of bidder's submittal.**

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**
100 Wilco Way, Suite P101
Georgetown, Texas 78626

Also, all Bidders should list their Name and Address, and the Date of the Bid opening on the outside of 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 or 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 be 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 or 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 an 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 or 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 for Williamson County created by the contract award, including the employment of residents of 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:

https://www.bidsync.com/bidsync-app-web/shared/shared/embeddedSearchResults.xhtml?srchoid_override=2025019&pastonly=1

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's 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 be 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's 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's agents, servants or employees, as well as all claims of loss or damage to the Bidder's and the County's 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
100 Wilco Way, Suite P101
Georgetown, Texas 78626

The Bidder: Address set out in Bidder's Submittal.

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 in accordance with the County's requirements and procedures. The Successful Bidder's duties, as set forth herein, shall at no time be in any way diminished by reason of any approval by the County, nor 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 an estimate; the actual quantity to be purchased may be more or less. The County is not obligated to purchase any minimum amount, and the County may purchase any reasonable amount greater than the 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 the Agreement will be located in the Special Provisions 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, civil or criminal, or 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. Furthermore, the bidder certifies to the best of its knowledge and belief that within the last five (5) years Bidder or Bidder Related Entities have not: a. been indicted or convicted of a crime involving moral turpitude or business honesty or integrity in any jurisdiction; b. been suspended, debarred or otherwise disqualified from entering into any contract with any governmental agency; c. had any business license or professional license suspended or revoked; d. had any sanction or finding of fact imposed as a result of a judicial or administrative proceeding related to fraud, extortion, bribery, bid rigging, embezzlement, misrepresentation or anti-trust; and e. been, and is not currently, the subject of a criminal investigation by any federal, state or local prosecuting or investigative agency and/or civil anti-trust investigation by any federal, state or local prosecuting or investigative agency. If Bidder cannot so certify to the above, then it must submit along with its bid, proposal or contract a written explanation of why such certification cannot be made. The Commissioner's Court will determine whether a contract may be entered into with the Bidder. The Bidder's obligation pursuant to this certification is ongoing from and after the effective date of the contract through the termination date thereof. Accordingly, the Bidder shall have an obligation to immediately notify the Purchasing Department in writing if at any time during the term of the contract if becomes aware of any event which would cause the Bidder's certification or explanation to change. Bidder acknowledges that the Commissioner's Court may, in its sole discretion, terminate the contract for cause if it learns that any of the certifications made herein are currently false 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 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.

Technical Specifications

BID SPECIFICATIONS

Scope of Services
Williamson County is seeking qualified vendors to provide medical supplies to Williamson EMS.

Contract Term
The Successful Bidder shall provide the goods and/or services described herein for an initial term beginning on the date of Commissioners' Court award and continue for twelve (12) months thereafter.

Contract Extensions
The Commissioners Court reserves the right to extend this Contract, by mutual agreement of both parties, as it deems to be in the best interest of the County. If approved, this extension will be in twelve (12) months increments for up to an additional twenty-four (24) months, with the terms and conditions remaining the same. The total period of this Contract, including all extensions will not exceed a maximum combined period of Thirty-six (36) months.

The extension of this Contract is contingent on the appropriation of necessary funds by Commissioners Court for the fiscal year in question. Upon the failure of Commissioners Court to so appropriate in any year, the Successful Bidder may elect to terminate this Contract, with no additional liability to the County. The County and the Successful Bidder agree that termination shall be the Successful Bidder's sole remedy under this circumstance.

Economic Adjustment
To the extent applicable to this IFB, the Successful Bidder may submit a request for a contract pricing adjustment for approval by the County if the Bidder can show just cause substantiating an adjustment. The requested adjustment must be for goods and/or services and in no way represent an increase in the Bidder's profits, labor or other overhead. The Bidder's request must include evidence in the form of a certified statement or affidavit from the supplier or manufacturer detailing the price adjustment, the effective date for the adjustment, and any other information requested by the Purchasing Department to verify the adjustment.

An adjustment request will not become effective until after approval of the Williamson County Commissioners Court. Until then, the original contract pricing will remain unchanged. If an issue regarding an adjustment request is not resolved, the Purchasing Department reserves the right to seek competition from other sources.

Any goods or services delivered by the Successful Bidder at a not agreed upon price are done so at the Successful Bidder's risk.

Pricing must remain firm for the first three (3) months of the initial contract period. A minimum period of three (3) months must elapse between adjustment requests.

General Information

Prices are to be F.O.B. destination (freight included).

Delivery:

- Individual packages are to be shipped by common carrier (Preferably UPS or FEDEX but Fed Ex runs late in the afternoon which is not good for meds). Would like all orders to be delivered within 3 days of receipt of order.
- Palletized loads must be delivered by a truck with **lift gate**. No fork lift available.

Samples are to be provided upon request. Requested samples must be provided within five (5) days from date of request.

The County requires at least a one (1) year expiration date on those products with a limited shelf life.

Provide a catalog or a fact sheet (with pictures preferred) of all items bid. This will allow for positive identification of items bid.

Brand name or County approved equivalent: Any Catalog, brand name or manufacturer's reference used in this IFB is descriptive-unless so stated-it is to indicate type and quality desired. Bids on brand of like nature and quality will be considered. If Bid is based on other than reference specifications, the Bidder must show manufacturer, brand or trade name, lot number, etc., of article offered. If other than brand(s) specified is offered, illustrations and complete descriptions should be made part of the Bid. If Bidder takes no exception to specifications or reference data, he will be required to furnish brand names, numbers, etc. as specified.

Notate on Bid the product number, stock number, or catalog number to be used when product is ordered and indicate how product is shipped (each, dozen, box, case, etc.).

In the event of a disaster, the County reserves the right to have disaster supplies drop shipped to the disaster site.

During the Contract period, if a product is discontinued, the County is to be notified immediately so that substitutions or other arrangements can be made.

WILLIAMSON COUNTY EMERGENCY MEDICAL SERVICES:

Shipping Address for UPS Deliveries: 3189 SE Inner Loop
Georgetown, TX 78626

Shipping Address for Truck Deliveries (pallets): 3189 SE Inner Loop
Georgetown, TX 78626

Billing Address: P O Box 873
Georgetown, TX 78627

Point Of Contact: Kirk Becker 512-430-0991

State delivery time after receipt of purchase order: _____.

Delivery time shall be a consideration in the evaluation process. Would like all orders to be delivered within 3 days of receipt of the purchase order.

Successful Bidder shall notify the County immediately if a product is not going to be shipped in time to be received by the County in accordance with the above stated time frame.

Williamson County reserves the right to make award(s) by individual items, group of items, all or none, or a combination thereof, with one or more Bidders; to reject any or all Bids or waive any informality or technicality in Bids received.

Item			DESCRIPTION OF PRODUCT	Vendor Catalog Number	HOW SUPPLIED (50/box/each/100/case?	UNIT COST	COST PER BOX/CASE
1			"BAND-AID" BRAND ADHESIVE BANDAGES ; 3/4" X 3" FLEXIBLE FABRIC W/ NON-STICK PAD. (30 to 50 per box)				
2			"M.A.D." INTRANASAL DEVICE WITHOUT SYRINGE (DEVICE ONLY)				
3			1 GALLON BIOHAZARD INFECTION WASTE BAGS; prefer 10 to 50 bags on a roll or in a bundle. Not more than 50 per package.				
4			10 GALLON BIOHAZARD INFECTION WASTE BAGS; prefer 10 to 50 bags on a roll or in a bundle. Not more than 50 per package.				
5			LARGE BIOHAZARD INFECTION WASTE BAGS				
6			4 X 4 STERILE GAUZE				
7			4" X 4" NON-STERILE SPONGES 8 PLY				
8			4-WAY STOPCOCK W/ SWIVEL MALE LUER LOCK				
9			ACETAMINOPHEN , 500MG PER TABLET/CAPLET. LOOKING FOR 12 TO 24 COUNT BOTTLES.				
10			ADENOCARD 6mg / 2ml (VIALS ONLY)				
11			AFRIN NASAL SPRAY (OXYMETAZOLINE HYDROCHLORIDE 0.05%). LOOKING FOR 1/2 oz. BOTTLES				
12			AIRWAY: I-GEL SUPRAGLOTTIC, SIZE 1 #8201030				
13			AIRWAY: I-GEL SUPRAGLOTTIC, SIZE 1.5 #8211030				
14			AIRWAY: I-GEL SUPRAGLOTTIC, SIZE 2 #8202030				
15			AIRWAY: I-GEL SUPRAGLOTTIC, SIZE 2.5 #8225030				
16			AIRWAY: RESUS I-GEL O2 SUPRAGLOTTIC, SIZE 3 #8703030				
17			AIRWAY: RESUS I-GEL O2 SUPRAGLOTTIC, SIZE 4 #8704030				
18			AIRWAY: RESUS I-GEL O2 SUPRAGLOTTIC, SIZE 5 #8705030				
19			ALBUTEROL 0.083 % UNIT DOSE (30-50 DOSES PER BOX)				
20			ALCOHOL PREP PADS @ 200 PER BOX				
21			AMIODARONE (or GENERIC - Bidder to specify which) 150MG / 3ML VIALS (w/ Benzyl Alcohol) IN DARK COLORED VIALS/BOTTLES TO PROTECT FROM LIGHT. NO AMPULES ACCEPTED				
22			ASPIRIN, ADULT LOW DOSE, 81mg; CHEWABLE TABLETS.				
23			ASSURE PRISM BLOOD GLUCOSE TEST STRIPS (BOTTLES OF 50)				
24			ASSURE PRISM MULTI BLOOD GLUCOSE METER (ONLY)				
25			CASE FOR ASSURE BLOOD GLUCOSE METER				

Bidder's Name:_____ Bidder's Signature:_____ Date:_____ Page 1

Item			DESCRIPTION OF PRODUCT	Vendor Catalog Number	HOW SUPPLIED (50/box/each/100/case?	UNIT COST	COST PER BOX/CASE
26			ASSURE PRISM MULTI CONTROL SOLUTION, L1 AND L2				
27			ATROPINE 1MG/10ML, PFS (NEEDLELESS)				
28			ATROPINE 1MG/1ML VIAL				
29			ATROPINE 8MG/20ML MULTIDOSE VIAL				
30			ATROVENT (IPRATROPIUM BROMIDE) - BIDDER TO SPECIFY WHICH: 0.02 % IN 2.5 ML UNIT DOSE				
31			BACK BOARDS - PEDI IMMOBILIZATION DEVICE; W/ VELCRO ATTACHMENTS				
32			BACK BOARDS - PEDI; PLASTIC W/O PINS. (Prefer a small version of an adult coffin board)				
33			BACK BOARDS (PLASTIC) -ADULT - 72" L x (min.)16"W. W/ ADULT AND (MIN. OF 6) CHILD STRAPPING LOCATIONS. CONCAVE SHAPE PREFERRED. W/O SPEED CLIPS. W/ LARGE GLOVE COMPATABLE HANDHOLDS; MINIMUM 450 LBS. LOAD CAPACITY. GRAPHICS: Imprinted with "W C E M S" on top surface in minimum of 2 inch letters.				
34			BACKBOARD RESTRAINT STRAPS: TWO PIECE, 5 ft, LIMITED USE POLYPROPYLENE WOVEN MATERIAL, W/ PLASTIC SIDE RELEASE BUCKLE. W/ PERMANENT STOP ON END OF STRAP TO PREVENT IT FROM COMING OFF OF THE BUCKLE. (ORANGE)				
35			BAG VALVE MASK WITH RESERVOIR-DISPOSABLE, INFANT, WITH O2 TUBING (LATEX FREE) AMBU SPUR REQUIRED				
36			BAG VALVE MASK, ADULT: O-TWO SMART BAG w/ TIMING LIGHT, PEEP VALVE w/adjustable range 0-20 cm H20, and PEEP VALVE DIVERTER: TO BE ASSEMBLED PRIOR TO SHIPMENT.				
37			BAG VALVE MASK, ADULT: O-TWO SMART BAG w/ TIMING LIGHT				
38			BAG VALVE MASK, CHILD: O-TWO SMART BAG w/ TIMING LIGHT:				
39			BED PANS, FRACTURE STYLE				
40			BENADRYL (DIPHENHYDRAMINE) 50 MG / 1ML VIALS				
41			BENADRYL LIQUID: 12.5MG/5ML. LOOKING FOR 30 TO 60CC BOTTLES.				
42			BENADRYL TABLETS, 25MG PER TABLET. LOOKING FOR 12 TO 24 COUNT BOTTLES				
43			Betadine Solution (10% Povidone Iodine) 1/2oz BOTTLES ONLY				
44			BLANKET, READY-HEAT INFANT WARMING COCOON				
45			BLANKETS - DISPOSABLE POLYESTER; COT, 60" X 90" APPROX. SIZE: ORANGE (Send Sample)				
46			BLANKETS - DISPOSABLE, YELLOW. Approximate 50" X 84" size. (Send sample) GRAHAM MEDICAL #53382 VisiBlanket PREFERED				
47			BLOOD COLLECTION TUBES, (PLASTIC TUBES ONLY) - RED TOP, 5 ML DRAW GLASS TUBES WILL NOT BE ACCEPTED!				

Item			DESCRIPTION OF PRODUCT	Vendor Catalog Number	HOW SUPPLIED (50/box/each/100/case?	UNIT COST	COST PER BOX/CASE
48			BLOOD PRESSURE CUFF, ADULT: MABIS style				
49			BLOOD PRESSURE CUFF, ADULT: NON-LATEX				
50			BLOOD PRESSURE CUFF, CHILD: MABIS style				
51			BLOOD PRESSURE CUFF, INFANT: MABIS Style				
52			BLOOD PRESSURE CUFF, LARGE ADULT: MABIS Style				
53			BLOOD PRESSURE CUFF, THIGH: MABIS Style				
54			BULB SYRINGE 2 OZ, STERILE IN SEALED PACKAGE. FOR NASAL AND ORAL ASPERATION IN NEWBORNS AND INFANTS.				
55			BURETROL SET WITH 1 ULTRASITE INJECTION SITE B-Braun 375111 ONLY (NO SUBS)				
56			BURN SHEET 60" X 90"				
57			CALCIUM CHLORIDE 10%, 1gm/10ml VIAL SINGLE DOSE UNIT				
58			CAVI WIPES, DISINFECTANT WIPES: TUB (13-5100)				
59			CHEST SEALS VENTED H-VENT hvs01 ONLY (NO SUB)				
60			CHILD TRANSPORT SEAT, "FERNO PEDI MATE"				
61			CID - MULTI GRIP, ROUND, DISPOSABLE - ADULT SIZE				
62			CONFORMING ROLLER BANDAGE - STERILE 4" X 75"; individual wrapped				
63			CPAP DELUXE MASK LARGE (MERCURY MEDICAL 10-571-03) (NO SUBS)				
64			CPAP DELUXE MASK SMALL/CHILD (MERCURY MEDICAL 10-571-05) (NO SUBS)				
65			CPAP FLOWSAFE II EZ ADULT SMALL KIT (MERCURY MEDICAL 10-573-19) (NO SUBS)				
66			CPR VENTILATION TIMING LIGHT: (O-TWO MEDICAL): ADULT AND CHILD VERSIONS.				
67			CYANIDE ANTIDOTE KIT (such as CYANOKIT): HYDROXOCOBALAMINE BASED KIT				
68			DEXAMETHASONE 10MG/ML (VIAL ONLY) NO AMPULE ACCEPTED				
69			DEXTROSE 10%, 10 GM PER 100ML, in 250ML BAGS				
70			DEXTROSE 25 GM/50 ML; PFS @ 10 to a Pack. (NEEDLELESS)				
71			DILTIAZEM 25MG/5ML REFRIGERATED VIALS				

Item			DESCRIPTION OF PRODUCT	Vendor Catalog Number	HOW SUPPLIED (50/box/each/100/case?	UNIT COST	COST PER BOX/CASE
72			DISPENSING PIN, MICRO PIN; FOR WITHDRAWAL OR INJECTION OF MEDICATION FROM RUBBER-STOPPERED VIALS. LUER LOCK CONNECTOR. LATEX FREE: B. BRAUN # 519-415019 ONLY				
73			DISPOSABLE SICKNESS (EMESIS) BAG, MEDLINE INDUSTRIES # NON70600 @ 25 per package NON LATEX OR CURAPLEX 1071-10208				
74			DROPERIDOL 5MG/2ML VIALS				
75			DRUG CASE, PELICAN #1550 HARD SIDED; INCLUDING CLEAR POCKETS W/ MULTI POCKET ELASTIC POUCHES ATTACHED TO LID TO STORE CONTENTS. SIZE = 20.5"L x 16.75"W x 8.5"D (OUTSIDE DIMENSIONS). COLOR = ORANGE.				
76			DUAL CANNULA DEVICE W/O SYRINGE. WITH 2 CANNULAS IN ONE UNIT, STEEL CANNULA FOR SYRINGE FILLING & PLASTIC BLUNT CANNULA FOR ACCESS INTO A SPLIT SEPTUM.				
77			EASY CAP EtCO2 DETECTOR, ADULT				
78			ECG ELECTRODES, PEDI; 10/PKG. AMBU BLUE SENSOR SP (REF: SP-OO-S/10) (Non-Latex)				
79			EMERGENCY BANDAGE, MILITARY STYLE "ISRALIE": 4 INCH (GREEN PACKAGING)				
80			EMESIS WASH BASINS, DISPOSABLE, LARGE "7 1/4 QUART" (NOT THE 500/700 CC BASINS)				
81			EMS SHEARS with SAFETY BANDAGE TIP 7 1/2" (no shorter) (Black or Blue handle only)				
82			EPINEPHRINE 1:10,000 1MG/10ML; PFS @ 10 to a Package. (NEEDLELESS)				
83			EPINEPHRINE 1:1000 1MG/1ML (VIAL ONLY), AMPULES NOT ACCEPTED.				
84			ESMOLOL 10MG/ML (VIAL ONLY) NO AMPULE ACCEPTED				
85			ET TUBE INTRODUCER, FLEXIBLE TUBING THAT WILL REMAIN IN DESIRED SHAPE WHILE BEING USED. 15fr. DIAMETER With BEND APPROX. 2CM FROM END AND MARKINGS TO INDICATE INTUBATION DEPTH. (send sample)				
86			ET TUBE INTRODUCER: FLEXIBLE TUBING THAT WILL REMAIN IN DESIRED SHAPE WHILE BEING USED. 10fr. DIAMETER With BEND APPROX. 2CM FROM END AND MARKINGS TO INDICATE INTUBATION DEPTH. (send sample)				
87			ET TUBE RESTRAINT, ADULT, (THOMAS BRAND STYLE) (NO SUBSTITUTES)				
88			ET TUBE; CUFFED, SIZES - 6.0, 7.5, & 8.0mm (LATEX FREE)				
89			ET TUBE; UNCUFFED, SIZE RANGES - 3.0,3.5,4.0,4.5,5.0 & 5.5mm (LATEX FREE)				
90			EXTRICATION CERVICAL COLLAR, HARD PLASTIC; ADJUSTABLE: INFANT AND PEDI. (AMBU: MINI PERFIT ACE 000281106) NO SUB				
91			EXTRICATION CERVICAL COLLAR, HARD PLASTIC; 16 SIZE - ADJUSTABLE: ADULT (AMBU: PERFIT ACE 000281000) NO SUB				
92			EXTRICATION COLLAR, 2 PIECE FOR INFANT/PEDIATRIC PATIENTS (UNDER 20KG) NOT STANDARD "PHILLY" COLLARS.				
93			FENTANYL: 0.05MG/ML IN 2ML vials (total 100mcg. per vials) (VIALS ONLY)				

Item			DESCRIPTION OF PRODUCT	Vendor Catalog Number	HOW SUPPLIED (50/box/each/100/case?	UNIT COST	COST PER BOX/CASE
94			FERNO CODE 1 PEDI Bag w/ pouches, RED				
95			FERNO TRAUMA A/W Mgmt. BAGS. Red				
96			GLOVES MICROFLEX LIFESTAR XS-XXL				
97			GLOVES SUPRENO EC PF XS-XXL				
98			GLOVES, POWDER FREE NITRILE EXAM GLOVES - APEX PRO by DIGITCARE (ONLY). MUST MEET NFPA 1999 (2013 EDITION). SIZES: X-TRA SMALL THRU XX-TRA LARGE.				
99			GLOVES, POWDER FREE-CHLOROPRENE, NEOPRO EC: SIZES: X-TRA SMALL THRU XX-TRA LARGE (Must be MICROFLEX Brand, no substitution allowed)				
100			GLUCAGEN (GLUCAGON) AS A BOXED SET W/ 1 MG VIAL (POWDER) AND 1ML VIAL STERILE WATER FOR RECONSTITUTION (BEDFORD LABS NDC 55390-004-01)				
101			HALDOL (HALOPERIDOL); 5MG/ML IN 1 ML VIALS (VIALS ONLY)				
102			HALO CHEST SEALS (2 PACK)				
103			HAND SANITIZER, ANTISEPTIC TOWELETTES W/ 0.5% CHLOROXYLENOL (VIONEX, by METREX ONLY) reorder # 10-1510 NO SUBSTITUTIONS				
104			HAND SANITIZER, PURELL INSTANT LIQUID (with Moisturizer) by GOJO, IN 2 OZ. BOTTLES ONLY (not 4 oz.) NO SUBSTITUTIONS				
105			HUBER NEEDLE, SURECAN SAFETY W/ PASSIVE SAFETY CLIP: 20 Ga. X 1 in. (REF. NUMBER 471745) by B. BRAUN - NO SUBSTITUTIONS				
106			I.V. ADMIN. SET 15 GTT. WITH UNIVERSAL SPIKE, TWO ULTRASITE INJECTION SITES, AND SPIN-LOCK CONNECTOR. approx. 80-100" LENGTH (Latex Free)				
107			I.V. ADMIN. SET 60 GTT W/ 1 ULTRASITE INJECTION SITE (Latex Free)				
108			I.V. CATHETER 14 GA X 1.25"; PROTECTIV (by CRITIKON)				
109			I.V. CATHETER 16 GA X 1.25"; PROTECTIV (by CRITIKON)				
110			I.V. CATHETER 18 GA X 1.25"; PROTECTIV (by CRITIKON)				
111			I.V. CATHETER 20 GA X 1.25"; PROTECTIV (by CRITIKON)				
112			I.V. CATHETER 22 GA X 1.00"; PROTECTIV (by CRITIKON)				
113			I.V. CATHETER 24 GA X .75"; PROTECTIV (by CRITIKON)				
114			I.V. CATHETER, CURAPLEX CLEARSAFE COMFORT: SIZES FROM 14ga. THRU 24ga.				
115			I.V. CATHETER: 14ga X 5.25"; SUBCLAVIAN/PARICARDIOCENTESIS NEEDLE				
116			I.V. INJECTION SITE TUBING, with REMOVEABLE ULTRASITE INJECTION SITE; 7"-10" LENGTH; LARGE BORE (PREFERRED: B-BRAUN 352244 ONLY) (Latex Free)				

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117			I.V. PRESSURE INFUSER BAG W/ GAUGE, DISPOSABLE: for 1000cc Bags. (Not any type of Blood Pressure cuff)				
118			INFECTION ISOLATION KIT, UNI-SIZE WITH LONG SLEEVED PERSONAL PROTECTIVE GOWN, N-95 TYPE MASK (universal size), HEAD BOUFFANT, SHOE COVERS, AND INFECTIOUS WASTE BAG IN A PROTECTIVE BAG OR POUCH. (COMMERCIAL KIT)				
119			INSTANT GLUCOSE 15 GRAMS (TUBE ONLY, NO TEAR OPEN POUCHES)				
120			INSTANT ICE PACKS 6" X 9" (approximate therapeutic time - 20min)				
121			IRRIGATION CAP WOUND SHIELD (662209)				
122			K Y JELLY .09 OZ FOIL PACK				
123			KENDRICK EXTRICATION DEVICE, such as FERNO MODEL 125				
124			KETAMINE: 500MG/10ML VIALS				
125			KING VISION REUSABLE DISPLAY (KVISO1)				
126			KING VISION VIDEO CHANNELED BLADES, # 3 (Ref. KVL03C)				
127			LANCETS - SINGLE USE WITH AUTOMATIC SPRING LOADED LANCET RETRACTION AFTER USE (Surgilance One-Step safety lancet SLN 240100 {ORANGE}) - NO SUBSTITUTIONS				
128			LARYNGOSCOPE BLADE AND HANDLE DISPOSABLE MILLER 0 (TRULITE) (NO SUBS)				
129			LIDOCAINE (XYLOCAINE - Bidder to specify which) 2% 100MG/5ML; PFS (NEEDLELESS)				
130			LUCAS 2 STABILIZATION STRAP (4 PACK) (#11576-000037)				
131			LUCAS 2: MANUAL CPR DEVICE, SUCTION CUPS (PHYSIO CONTROL BRAND #11576-000047 ONLY)				
132			LUCAS 2: PATIENT STRAP - 3 PACK (#11576-000051)				
133			MAGILL FORCEPS, ADULT				
134			MAGILL FORCEPS, PEDI				
135			MAGNESIUM SULFATE, 1 GM VIALS				
136			MALE URINAL, PLASTIC				
137			METHYLPREDNISOLONE (SOLUMEDROL) 125 mg/2 ML ACT-O-VIAL WITH STERILE WATER DILUENT (SELF CONTAINED UNIT)				
138			MULTI TRAUMA DRESSING 10" X 30"				
139			N95 COMPLIANT FACE MASK, MEDIUM: that meets or exceeds CDC and NIOSH requirements for Tuberculosis protection.				

Item			DESCRIPTION OF PRODUCT	Vendor Catalog Number	HOW SUPPLIED (50/box/each/100/case?	UNIT COST	COST PER BOX/CASE
140			NALOXONE (NARCAN - Bidder to specify which) 2MG/2ML; PFS (NEEDLELESS)				
141			NASAL CANNULA, ADULT, CURVED TIP (LATEX FREE)				
142			NASAL CANNULA, PEDI (LATEX FREE)				
143			NASOPHARYNGEAL AIRWAYS, SIZE RANGES - #14, 16, 18, 20, 22, 24, 26, 28, 30, 32, & 36 (non sterile, w/o expiration dates) ROUSH BRAND #'s 123114 THRU 123136 (Latex Free)				
144			NEBULIZER "T" CONNECTOR: WITH (1) - 22MM ID END and (2) - 22MM OD ENDS. (INTERSURGICAL # 19826000)				
145			NEBULIZER 90 DEGREE CONNECTOR: WITH 22MM ID / 22MM OD ENDS.				
146			NEBULIZER STRAIGHT CONNECTOR: MUST HAVE 22MM FEMALE/15MM FEMALE ENDS				
147			NEBULIZER W/ MASK - ADULT SIZE TEE PIECE ENDS MUST HAVE CONNECTORS OF 22MM OD AND 22MM ID. NEEDS TO BE CAPABLE OF NEBULIZING FROM UPRIGHT (VERTICLE) POSITION AND ANGLED UP TO 90 DEGREES. (Latex Free)				
148			NEBULIZER W/ MASK - CHILD SIZE TEE PIECE ENDS MUST HAVE CONNECTORS OF 22MM OD AND 22MM ID. NEEDS TO BE CAPABLE OF NEBULIZING FROM UPRIGHT (VERTICLE) POSITION AND ANGLED UP TO 90 DEGREES. (Latex Free)				
149			NEBULIZER, INLINE KIT: WITH 4-6 FOOT SUPPLY TUBING, AND TEE CONNECTOR. TEE CONNECTOR ENDS MUST HAVE CONNECTORS OF 22MM OD AND 22MM ID. NEEDS TO BE CAPABLE OF NEBULIZING FROM UPRIGHT (VERTICLE) POSITION AND ANGLED UP TO 90 DEGREES.				
150			NEBULIZER: INDIVIDUAL WRAPPED ITEM. MUST BE CAPABLE OF NEBULIZING FROM UPRIGHT (VERTICLE) POSITION AND ANGLED UP TO 90 DEGREES. INTERSURGICAL #1402030 PREFERRED.				
151			NEBULIZER: SUPERSET CATHETER MOUNT W/ DOUBLE SWIVEL ELBOW AND PORT (INTERSURGICAL # 3509031)				
152			NEEDLE, 21ga. X 1.5"; LUER LOCK, W/ BD SAFETYGLYDE OR KENDALL MONOJECT MAGELLAN PROTECTED POINT SAFETY NEEDLE (NO SUBSTITUTION)				
153			NEEDLE, 25ga. X 5/8": LUER LOCK, W/BD SAFETYGLYDE OR KENDALL MONOJECT MAGELLAN PROTECTED POINT SAFETY NEEDLE				
154			NEOTECH MECONIUM ASPIRATOR, DISPOSABLE (CAT# N0101)				
155			NITRO -BID FOILPAKS: NDC 0168-0326-08				
156			NITRO TABLETS, 0.4mg @ 25 per bottle. EACH BOTTLE TO BE INDIVIDUALLY PACKAGED SO AS TO BE IDENTIFIED WHEN OPENED.				
157			NITROGLYCERIN IN D5W, 25MG/250ML GLASS BOTTLE				
158			NON REBREATHER MASK (TOTAL) ADULT, WITH RESERVOIR & TUBING (LATEX FREE) (NO EXPIRATION DATE)				
159			NON REBREATHER MASK, PEDI; WITH RESERVOIR AND TUBING (LATEX FREE) (NO EXPIRATION DATE)				

Item			DESCRIPTION OF PRODUCT	Vendor Catalog Number	HOW SUPPLIED (50/box/each/100/case?	UNIT COST	COST PER BOX/CASE
160			NOREPINEPHRINE 0.1%: 4MG/4ML (VIALS ONLY, NO AMPULES ACCEPTED)				
161			NORMAL SALINE, 0.9%: PREFILLED SYRINGE. 10ML VOLUME IN 10ML SYRINGE (LUER LOCK)				
162			NORMAL SALINE, 100 CC BAGS				
163			NORMAL SALINE, 1000 CC BAGS				
164			NORMAL SALINE, 500 CC BAGS				
165			NOSE CLIP PLASTIC				
166			O-TWO E SERIES REPLACEMENT FILTER 01CV8040-CS				
167			O-TWO LEAK TEST KIT 01TA7650				
168			OB KIT, W/ SEALED POUCH AND CARDBOARD BOX CONTAINER. MOTION MEDICAL DISTRIBUTING (stock # 1736) ONLY, NO SUBSTITUTIONS.				
169			ORAL PHARYNGEAL AIRWAYS - SIZE RANGES: 50,60,70, 80, 90 & 100 mm (Latex Free)				
170			OXYGEN, PRESSURE REGULATOR FOR "D" SIZE TANK, 0-25 LPM CONSTANT FLOW - STANDARD BARB; W/ 1 STANDARD DISS OUTLET WITH CHECK VALVE, BRASS CORE FOR REDUCED WEIGHT; WITH PROTECTED CONTENTS GUAGE; WITH 5 YEAR OR LONGER WARRANTY				
171			OXYGEN: "D" CYLINDER WRENCH, SMALL, ALUMINUM ONLY (NOT PLASTIC)				
172			OXYGEN: "K" CYLINDER REGULATOR WRENCH, ALUMINUM, (w/ slotted mounting holes)				
173			OXYGEN: CYLINDER SLEEVE, SOFT BAG, WITH VELCRO ATTACHMENTS TO FIT "D" CYL.				
174			OXYGEN: FLOW METER; REPLACEMENT OXYGEN TREE - PLASTIC				
175			OXYGEN: PRECISION FLOW CONTROL VALVE/ FIXED FLOW RATE SETTINGS; (O-25 LPM) with PREATTACHED MALE QUICK CONNECT FITTING W/ 1/8" MALE PIPE FOR AMBULANCE WALL MOUNTING (NOT FLOW TUBE).				
176			OXYGEN: PRESSURE REGULATOR, HIGH FLOW W/1 STANDARD DISS OUTLET WITH CHECK VALVE; FOR "K" - SIZE OXYGEN TANKS ON TRUCKS.				
177			OXYGEN QUICK CONNECT OHMEDA, (PRECISION MEDICAL 2114)				
178			OXYGEN: SUPPLY TUBING, UNIVERSAL (APPROX. 7 feet length)				
179			PARA SHIELD FACE SHIELD WITH MASK				
180			PATIENT RESTRAINTS LEG, POSEY 2791Q				

Item			DESCRIPTION OF PRODUCT	Vendor Catalog Number	HOW SUPPLIED (50/box/each/100/case?	UNIT COST	COST PER BOX/CASE
181			PATIENT RESTRAINTS WRIST, POSEY 2790Q				
182			PEEP DISPOSABLE DIVERTER, to fit O-TWO Medical SMART O2 Bag (O-TWO# 17MP7020-cs)				
183			PEEP, DISPOSABLE VALVE WITH INTEGRAL FILTER: 30MM FEMALE FITTING & ADJUSTABLE RANGE 0-20 cm H2O @ 12 PER BOX (Allied HCP #520073)				
184			PENLIGHT, DISPOSABLE:W/ POCKET CLIP AND WHITE LIGHT.				
185			PHILIPS ECG MONITORING ELECTRODES, M2202A				
186			PHILIPS EtCO2 ADULT SENSOR, NON-INTUBATED, M2526A				
187			PHILIPS EtCO2 PEDI SENSOR, NON INTUBATED; M2524A				
188			PHILIPS EtCO2 SENSOR, ADULT/PEDI INTUBATED; M1920				
189			PHILIPS EtCO2 SENSOR, NEONATE/INFANT INTUBATED M1923				
190			PHILIPS HEARTSTART FR-2+ AED, REPLACEMENT BATTERY				
191			PHILIPS MRX; 10 LEAD ECG TRUNK CABLE, 12 PIN CONNECTOR: SHORT CABLE				
192			PHILIPS MRX; CHEST ECG CABLE SET W/ 5 WIRE GRABBERS (SNAP ON STYLE 989803176171)				
193			PHILIPS MRX; ECG 75MM CHEMICAL THERMAL PAPER (80 ROLLS/CASE)				
194			PHILIPS MRX; EXTERNAL MULTIFUNCTION CABLES; PLUG STYLE W/ Q-CPR				
195			PHILIPS MRX; LIMB ECG CABLE SET W/ 5 WIRE GRABBERS (SNAP ON STYLE 989803176161)				
196			PHILIPS MRX; LITHIUM ION BATTERY MODULE				
197			PHILIPS MRX; MBP INTERCONNECT TUBING, 1.5M				
198			PHILIPS MRX; Q-CPR COMPRESSION SENSOR (SECOND GENERATION).				
199			PHILIPS MRX; Q-CPR REPLACEMENT ADHESIVE PADS				
200			PHILIPS MRX; REUSABLE SpO2 SENSOR, ADULT FINGER				
201			PHILIPS MRX; REUSABLE SpO2 SENSOR, PEDI/SMALL ADULT FINGER				
202			PHILIPS MRX; SpO2 DISPOSABLE SENSOR: ADULT/PEDI				
203			PHILIPS MRX; SpO2 DISPOSABLE SENSOR: NEONATE/INFANT				
204			PHILIPS MRX; TEST LOAD FOR USE W/ M3506A				
205			PHILIPS MULTI FUNCTION ELECTRODE PADS, ADULT PLUS				

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206			PHILIPS MULTI FUNCTION ELECTRODE PADS, PEDI PLUS				
207			PHILIPS NBP, ADULT NON-DISPOSABLE: SIZE RANGE 25-35CM				
208			PHILIPS NBP, INFANT NON-DISPOSABLE: SIZE RANGE 10-19CM				
209			PHILIPS NBP, LARGE ADULT NON-DISPOSABLE: SIZE RANGE 33-47CM				
210			PHILIPS NBP, PEDI NON-DISPOSABLE: SIZE RANGE 18-26CM				
211			PHILIPS NBP, THIGH NON-DISPOSABLE: SIZE RANGE 46-66CM				
212			PHILIPS NECLOR SpO2 ADAPTER CABLE				
213			PHILIPS RX; AC POWER MODULE				
214			PILLOW CASES, DISPOSABLE - PAPER COVERED PATIENT SIDE W/ FLUID RESISTANT BARRIER				
215			PILLOWS, DISPOSABLE: 21" X 27" HEAVY WEIGHT. (such as Medline NON2439322 or thicker) Send sample.				
216			PROVIDINE IODINE PREP PADS				
217			QUANTUM ACR4 CHILD RESTRAINT				
218			QUIKCLOT COMBAT GAUZE: 3" X 4 YARD - "Z" fold packages				
219			RAINCOATS W/ HOODS AND EMS LOGO, 48" PVC VINYL or longer: Sizes - Sm to XXL; COLOR YELLOW.				
220			RAZOR, GALLANT PREPARATION: CONTOURED HANDLE, Platium coated Stainless Steel Blade				
221			REGLAN (METOCLOPRAMIDE); 5MG/ML IN 2ML VIALS 10mg in 2ml vial(VIALS ONLY)				
222			RESTRAINTS SOFT POSEY 2510 (NO SUB)				
223			RING CUTTER				
224			ROCHESTER CURVED FORCEPS 8.50" (2812-80994)				
225			ROCURONIUM BROMIDE: 10MG/ML IN 10ML VIALS. REFRIGERATED.				
226			SALEM SUMP TUBES, DOUBLE LUMEN, SIZES: 10fr, 12FR and 18FR. (w/o expiration date). (Latex Free) NOT LEVIN TUBE!				
227			SCALPEL, RETRACTABLE SAFETY STYLE WITH #11 BLADE (DYNAREX #4161)				
228			SCOOP STRETCHER: FERNO MODEL 65				

Bidder's Name:_____ Bidder's Signature:_____ Date:_____ Page 10

Item			DESCRIPTION OF PRODUCT	Vendor Catalog Number	HOW SUPPLIED (50/box/each/100/case?	UNIT COST	COST PER BOX/CASE
229			SHARPS CONTAINER - 5 QUART, KENDALL SHARPS-A-GOTOR, POINT OF USE: SHARPS CONTAINMENT SYSTEM (#4838)				
230			SHARPS CONTAINER HIDDEN BRACKET W/ INDIVIDUAL KEY - TO FIT KENDALL, SHARPS-A-GATOR SYSTEM: (#4841-HK)				
231			SHARPS SHUTTLE, FOR USE IN MED KIT.				
232			SODIUM BICARB. 8.4 % 50 ML; (NEEDLELESS) W/ LUER LOCK PFS				
233			SOFT TIP SUCTION CATHETERS; SIZES 6FR, 8FR, 10, 12, 14FR, 16 & 18FR.				
234			SPLINT, MULTI-PURPOSE EMERGENCY.WATERPROOF, MALLEABLE POLYVINYL/ALUMINUM CONSTRUCTION, WASHABLE, REUSEABLE, X-RAY TRANSLUCENT. 36" (ORIGINAL SAM SPLINT REQUIRED)				
235			SPLINT, PELVIC BINDER - SAM PELVIC SLING II				
236			SPLINTS 9", PADDED I.V. ARM BOARD				
237			SPONGE HEMOSTATIS XSTAT-12 (REVMEDX RVMFIN-0001-02)				
238			STERILE WATER FOR INJECTION, 10ML VIAL				
239			STERILE WATER FOR IRRIGATION, not INJECTION: 250 CC BOTTLES BAXTER 2F7112 (NDC # 0338-0004-02)				
240			STETHOSCOPE DUAL HEAD, GENERIC				
241			STRETCHER REPLACEMENT STRAP FOR STRYKER POWER PRO; CHEST HARNESS STRAP w/ SHOULDER STRAPS, BOTH SIDES OF CHEST HARNESS STRAPS MUST BE ADJUSTABLE. (BLACK)				
242			STRYKER 6500001401				
243			STRYKER 6500001402				
244			STRYKER 6500001403				
245			STRETCHER REPLACEMENT STRAP FOR STRYKER POWER PRO; TO SECURE WAIST AND FEET/LEGS. 2 PIECE, MINIMUM 80" EXTENDED LENGTH. (BLACK)				
246			STRETCHER SHEET W/ POLY BACKING FOR FLUID BARRIER; SNUGFIT, NON-WOVEN, FITTED BOTTOM WITH ELASTIC CORNERS, DISPOSABLE; 30" X 84" (Graham Medical - GRA 53378) BLUE				
247			STRETCHER SHEET W/ POLY BACKING FOR FLUID BARRIER; SNUGFIT, NON-WOVEN, FITTED BOTTOM WITH ELASTIC CORNERS, DISPOSABLE; 30" X 84" (Like the Taylor E-Force or Curaplex XPS)				
248			STRETCHER SHEET, FLAT TOP W/ POLY BACKING FOR FLUID BARRIER; DISPOSABLE: APPROX. 40" X 90" .				
249			STRETCHER, FLEXABLE: GRAHAM MEDICAL MEGA-MOVER MINIMUM 800 LB. WEIGHT CAPACITY				

Item			DESCRIPTION OF PRODUCT	Vendor Catalog Number	HOW SUPPLIED (50/box/each/100/case?	UNIT COST	COST PER BOX/CASE
250			STRYER: FOWLER O2 BOTTLE HOLDER COVER (P/N 6500-001-260)				
251			STRYKER: POWER PRO BASE STORAGE NET (P/N 6500-001-126)				
252			SUCTION CONTAINERS; DISPOSABLE 1200 CC CANISTERS W/ 6" DIAMETER (BEMIS SYSTEM II)				
253			SUCTION TIP, Hi-D Ducanto (NO SUB) by SSCOR (NON LATEX)				
254			SUCTION TUBING 9/32" ID tubing X 6' W/ MOLDED FEMALE CONNECTORS & MALE CONNECTOR (NON LATEX)				
255			SUCTION, BATTERY POWERED: S-SCORT III MODEL 74000, W/ TWO- POSITION REGULATOR (RED COLOR)				
256			SUCTION, REPLACEMENT BATTERY FOR S-SCORT III [rectangular (80638) battery]				
257			SUCTION, REPLACEMENT CHARGER (110VAC TO 12VDC) FOR S-SCORT III (#80533)				
258			SYRINGE, 1 CC - LUER LOCK TIP without needle, packaged 5 to a strip, 100 to a box				
259			SYRINGE, 10 CC - LUER LOCK without needle; packaged 5 to a strip & 100 to a box.				
260			SYRINGE, 20 CC - LUER LOCK TIP, without needle; packaged (MINIMUM) 40 to a box.				
261			SYRINGE, 3 CC - LUER LOCK without needle, packaged 5 to a strip, 100 to a box.				
262			SYRINGE, 30/35 CC - LUER LOCK TIP without needle.				
263			SYRINGE, 60 CC - CATHETER TIP without needle.				
264			SYRINGE, 60 CC - LUER LOCK without needle.				
265			SYRINGE, 60CC - SLIP TIP without needle.				
266			TAPE 1" HYPOALLERGENIC CLOTH (NOT PAPER TAPE)				
267			TAPE 2" HYPOALLERGENIC CLOTH (NOT PAPER TAPE)				
268			Tape, Coban 1"				
269			Tape, Coban 2"				
270			TETRACAINE 0.5%. 2ML BOTTLES				
271			THERMOMETER WELCH ALLYN SURE TEMP PLUS 690 W/ WALL MOUNT AND ORAL PROBES				
272			THERMOMETER PROBE COVERS FOR SURE TEMP PLUS 690				
273			THERMOMETER WALL MOUNTS ONLY FOR SURE TEMP 690				
274			THERMOMETER, TEMPORAL ARTERY: EXERGEN TAT-2000C (NO SUBSTITUTIONS)				

Item			DESCRIPTION OF PRODUCT	Vendor Catalog Number	HOW SUPPLIED (50/box/each/100/case?	UNIT COST	COST PER BOX/CASE
275			Thermovent HME Device (70-580011EA)				
276			TINCTURE OF BENZOIN; SWAB AMPULES				
277			TOURNIQUET, IV: NON-LATEX, POWDER FREE (PRE-PACKAGED IN BUNDLES OF 50 PREFERRED) - SEND SAMPLE				
278			TOURNIQUET, TRAUMA (C.A.T. ONLY) BLACK				
279			TRACTION SPLINT, KENDRICK STYLE: ADJUSTABLE/FOLDABLE				
280			TRANSEXAMIC ACID TXA 100MG/ML (VIAL ONLY) NO AMPULE ACCEPTED				
281			TRIANGULAR BANDAGES, MUSLIN CLOTH 54" X 27" (W / O SAFETY PINS) (PRE-PACKAGED IN BUNDLES OF 12)				
282			TYLENOL (ACETAMINOPHEN) 500 MG TABLETS. LOOKING FOR 12 TO 24 COUNT BOTTLES.				
283			TYLENOL (ACETAMINOPHEN) SUSPENSION LIQUID, 160 MG /5ML: CHILDREN'S DOSAGE. LOOKING FOR 2 oz. (60cc) BOTTLES				
284			URINAL W/ LID: FOR USE ON AMBULANCE				
285			VALIUM (DIAZEPAM - BIDDER TO SPECIFY WHICH) 10MG/2ML CONCENTRATION IN 2 ML. P.F.S. (NEEDLELESS)				
286			VENI-GARD (BRAND) ADULT 3" X 2.5" IV SITE SECURING DEVICE				
287			VENTILATOR CIRCUIT WITH PROTECTIVE SLEEVE O-TWO 01CV8030-CS ONLY (NO SUB)				
288			VENTILATION CIRCUIT W/SWIVEL & EXHALATION FILTER. ALLIED LSP #L599-190 ONLY				
289			VERSED (MIDAZOLAM - BIDDER TO SPECIFY WHICH) 10MG/2ML CONCENTRATION IN 2 ML. VIALS SINGLE DOSE UNITS.				
290			VETBOND SKIN ADHESIVE (TWM3M1469)				
291			WOUND STAPLER 35 STAPLES PER GUN (218-8535)				
292			ZOFRAN (ONDANSETRON) 4MG ORAL DISOLVING TABLETS - SINGLE DOSE UNITS 30/BOX				
293			ZOFRAN (ONDANSETRON) 4MG/2ML VIALS - SINGLE DOSE UNITS				
294			DICK MEDICAL BIOTHANE G1 CROSS HARNESS FEMALE STRAP BLACK 51173XBKF				
295			DICK MEDICAL BIOTHANE G1 CROSS HARNESS MALE STRAP BLACK 51173XBKM				
296			DICK MEDICAL BIOTHANE G1 CROSS HARNESS SHOULDER STRAP BLACK 51174XBKS				
297			DICK MEDICAL BIOTHANE G1 WAIST/LEG STRAP BLACK				
298			SWAT T TOURNIQUETS				
299	Massimo	1859	LNCS ADTX ADHES SENSOR, 20/BOX				
300	Massimo	2918	LNCS E1 EAR ADH SENS, 10/BOX				
301	Massimo	1860	LNCS PDTX ADHES SENSOR, 20/BOX				

Bidder's Name:_____ Bidder's Signature:_____ Date:_____ Page 13

Item			DESCRIPTION OF PRODUCT	Vendor Catalog Number	HOW SUPPLIED (50/box/each/100/case?	UNIT COST	COST PER BOX/CASE
302	Massimo	3858	LNCS TFA-1 ADH SENSOR, 10/BOX				
303	Massimo	2055	RED LNC-04 PATIENT CABLE, 1/BOX				
304	Massimo	4026	RD RAINBOW SET-2 ADT				
305	Massimo	4027	RD RAINBOW SET-2 PDT				
306	Massimo	4028	RD RAINBOW SET-2 INF				
307	Massimo	4029	RD RAINBOW SET-2 NEO				
308	Massimo	4015	RD SET E1 EAR SENSOR				
309	Massimo	4053	RD SET TC-I EAR SENSOR				
310	Massimo	1895	LNCS TC-I EAR SENSOR				
311	Massimo	4016	RD SET TFA-1 FOREHEAD SENSOR				
312	Massimo	4055	RD SET TF-I FOREHEAD SENSOR				
313	Massimo	1896	LNCS TF-I FORHEAD SENSOR				
314	Massimo	4011	RD SET TRAUMA DIGIT SENSOR				
315	Massimo	2411	LNCS TRAUMA DIGIT SENSOR				
316	Massimo	4002	PRE-TERM INFANT MONITORING INF				
317	Massimo	4003	PRE-TERM INFANT MONITORING NEO				
318	Massimo	4014	CYANOTIC INFANT MONITORING BLUE				
319	Massimo	4015	E1 DISPOSABLE SENSOR RD SET E1				
320	LifePak	11160-000011	NIBP Cuff-Reusable Infant				
321	LifePak	11160-000013	NIBP Cuff-Reusable Child				
322	LifePak	11160-000015	NIBP Cuff-Reusable Adult				
323	LifePak	11160-000017	NIBP Cuff-Reusable Large Adult Bayonet				
324	LifePak	11160-000019	NIBP Cuff-ReusableAdult X Large				
325	LifePak	11171-000049	RAINBOW DCI ADULT REUSABLESENSOR				
326	LifePak	11171-000050	RAINBOW DCIP PEDI REUSABLESENSOR				
327	LifePak	11220-000028	CARRY CASE TOP POUCH FOR USE W/LIFEPAK 12/LIFEPAK 15				
328	LifePak	11260-000039	LIFEPAK 15 CARRY CASE BACK POUCH				
329	LifePak	11577-000002	LIFEPAK 15 BASIC CARRY CASE W/RIGHT & LEFT POUCHES, SHOULDER STRAP (11577-000001) INCLUDED AT NO ADDITIONAL CHARGEWHEN CASE ORDERED WITH A LIFEPAK 15 DEVICE				
330	LifePak	11996-000359	TEMP SENSOR, SKIN PROBE, HIGH DIELECTRIC, DISPOSABLE				
331	LifePak	21996-000109	TITAN III WIFI GATEWAY				

Bidder's Name:_____ Bidder's Signature:_____ Date:_____ Page 14

Item			DESCRIPTION OF PRODUCT	Vendor Catalog Number	HOW SUPPLIED (50/box/each/100/case?	UNIT COST	COST PER BOX/CASE
332	LifePak	80596-000003	TRUE CPR COACHING DEVICE INCLUDES: TRUECPR DEVICE, USB CABLE FOR DATA DOWNLOAD, 2 BATTERIES & INSTRUCTIONS FOR USE.				
333	LifePak	11140-000015	AC POWER CORD				
334	LifePak	11140-000052	LP15 REDI-CHARGE ADAPTER TRAY				
335	LifePak	11141-000115	REDI-CHARGE BASE (POWER CORD NOT INCLUDED)				
336	LifePak	11600-000030	CODE-STAT 11 DATA REVIEW SEAT LICENSE				
337	LifePak	21330-001176	LP 15 LITHIUM-ION BATTERY				
338	LifePak	11171-000065	M-LNCS DB1 SOFT SENSOR				
339	Zoll	8000-000371	SPO2/SPCO/SPMET RAINBOW DCI ADULT REUSABLE SENSOR WITH CONNECTOR				
340	Zoll	8000-0895	CUFF KIT W/WELCH ALLYN SMALL ADULT, LARGE ADULT, THIGH CUFF				
341	Zoll	REUSE-07-2MQ	REUSE-07-2MQ INFANT CUFF 2-TUBE TWIST LOCK				
342	Zoll	REUSE-08-2MQ	REUSE-08-2MQ SMALL CHILD CUFF 2-TUBE TWIST LOCK				
343	Zoll	REUSE-09-2MQ	CHILD CUFF 2-TUBE TWIST LOCK				
344	Zoll	8000-0580-01	SIX HOUR RECHARGEABLE SMART BATTERY				
345	Zoll	8200-000100-01	SINGLE BAY CHRGER FOR THE SUREPOWER AND SUREPOWER II BATTERIES				
346	Zoll	8000-0670	YSI REUSABLE ADULT SKIN TEMPERATURE PROBE				
347	Zoll		RN 12 LEAD				
348	Zoll	8300-000676	ONE STEP CABLE, X SERIES				
349	Zoll	8009-0020	CPR-D PADZ & CPR STAT PADZ CONNECTOR FOR R SERIES				
350	Zoll	8000-0330	SPO2 RAINBOW REUSABLE PT CABLE: CONNECTS TO LNCS SINGLE USE AND REUSABLE SENSORS				
351	Zoll	8000-0379	LNCS DBI REUSABLE FINGER SENSOR				
352	Zoll	8900-0801-01	ASTAT-PADZ11 ADULT MFP				

Question and Answers for Bid #1904-313 - EMS Medical Supplies

Overall Bid Questions
There are no questions associated with this bid.

Commissioners Court - Regular Session **22.**

Meeting Date: 04/23/2019

AWARDING IFB 1903-304 HYDRATED LIME SLURRY

Submitted For: Randy Barker **Submitted By:** Andrew Portillo, Purchasing

Department: Purchasing

Agenda Category: Consent

Information

Agenda Item

Discuss, consider and take appropriate action on awarding IFB #1903-304 Hydrated Lime Slurry to the lowest responsive bidder, Austin White Lime Company.

Background

Purchasing solicited sealed bids for Hydrated Lime Slurry. 542 suppliers were invited to bid of which 21 suppliers viewed the bid and 1 supplier submitted an offer. After review of the bid received it was determined to be responsive and award is being recommended by Road & Bridge to Austin White Lime Company. Department point of contact is Terron Evertson. Funding Source is 01.0200.0210.003597.

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

SIGNED BID FORM

AWARD LETTER

Form Review

Inbox	Reviewed By	Date
Purchasing (Originator)	Randy Barker	04/17/2019 03:19 PM
County Judge Exec Asst.	Andrea Schiele	04/17/2019 03:42 PM
Form Started By: Andrew Portillo		Started On: 04/17/2019 08:53 AM
Final Approval Date: 04/17/2019		

WILLIAMSON COUNTY BID FORM

HYDRATED LIME SLURRY

NAME OF BIDDER: Austin White Lime Company

Mailing Address: PO Box 9556

City: Austin State: TX Zip: 78766

Email Address: AWLSales@austinwhitelime.com

Telephone: (800) 553-5463 (LIME) Fax: (512) 388-1220

Mobile Phone: (512) 497-1465

ITEM #	DESCRIPTION	UNIT	UNIT PRICING PICKED UP	UNIT PRICING – DELIVERED TO WILCO CENTRAL MAINTENANCE FACILITY	UNIT PRICING DELIVERED TO A PROJECT SITE WITHIN WILCO	UNIT PRICING DELIVERED TO PROJECT SITE WITHIN WILCO AND SPREAD
1	HYDRATED LIME SLURRY	TON	$140.00	$159.48	$159.48	$159.48

The undersigned, by his/her signature, represents that he/she is authorized to bind the bidder to fully comply with the terms and conditions of the attached Invitation for Bid, Specifications, and Special Provisions for the amount(s) shown on the accompanying bid sheet(s).

Lila R. Weirich

Signature of Person Authorized to Sign Bid

Date of Bid: April 10, 2019

Printed Name and Title of Signer: Lila R. Weirich, Sales Director

WILLIAMSON COUNTY
1848

April 17, 2019

Mr. Randy Barker
Director/Purchasing Agent
Williamson County Purchasing Department
100 Wilco Way, Suite P101
Georgetown, Texas 78626

Subject: Recommendation for IFB 1903-304 – Hydrated Lime Slurry

After reviewing all the pertinent information, it appears Austin White Lime Company submitted the lowest and best offer for the items in the 1903-304 bid, Hydrated Lime Slurry. I recommend to the Williamson County Commissioner's Court that they award Austin White Lime Company the vendor for IFB 1903-304 – Hydrated Lime Slurry.

Please feel free to contact me if you have any questions or concerns.

Sincerely,

J. Terron Evertson, P.E.
County Engineer
Williamson County, TX

Commissioners Court - Regular Session **23.**

Meeting Date: 04/23/2019

Cobb Fendley WA3 Sup1 On Call UtilityCoord and Reloc Svcs

Submitted For: Robert Daigh **Submitted By:** Vicky Edwards, Infrastructure

Department: Infrastructure

Agenda Category: Consent

Information

Agenda Item

Discuss, consider and take appropriate action on Supplemental Work Authorization No 1 to Work Authorization No 3 under Williamson County Contract between Cobb Fendley & Associates Inc and Williamson County dated February 10, 2015 for On Call Utility Coordination and Relocation Services for Road and Bridge.

Background

This supplemental is to increase the maximum amount payable from $50,000.00 to $80,000.00.

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

Cobb Fendley WA3 Sup1 On Call UtilityCoord and Reloc Svcs

Form Review

Inbox	Reviewed By	Date
Hal Hawes	Hal Hawes	04/11/2019 08:58 AM
County Judge Exec Asst.	Andrea Schiele	04/11/2019 10:32 AM
Form Started By: Vicky Edwards		Started On: 04/10/2019 12:40 PM
Final Approval Date: 04/11/2019		

SUPPLEMENTAL WORK AUTHORIZATION NO. _1__
TO
WORK AUTHORIZATION NO. _3___

WILLIAMSON COUNTY ROAD AND BRIDGE PROJECT:
On Call Utility Coordination and Relocation Services for Road & Bridge

This Supplemental Work Authorization No. _1__ to Work Authorization No. _3___ is made pursuant to the terms and conditions of the Williamson County Contract for Engineering Services, being dated **February 10, 2015** ("Contract") and entered into by and between Williamson County, Texas, a political subdivision of the State of Texas, (the "County") and **Cobb Fendley & Associates, Inc.** (the "Firm").

WHEREAS, the County and the Firm executed Work Authorization No. _3___ dated effective **July 24, 2018** (the "Work Authorization");

WHEREAS, pursuant to the Contract, amendments, changes and modifications to a fully executed Work Authorization shall be made in the form of a Supplemental Work Authorization; and

WHEREAS, it has become necessary to amend, change and modify the Work Authorization.

AGREEMENT

NOW, THEREFORE, premises considered, the County and the Firm agree that the Work Authorization shall be amended, changed and modified as follows:

I. The maximum amount payable for services under the Work Authorization is hereby increased from **$50,000.00** to **$80,000.00**. The revised Work Schedule is attached hereto as Attachment "C" (must be attached).

County believes it has sufficient funds currently available and authorized for expenditure to finance the costs of this Supplemental Work Authorization. Firm understands and agrees that County's payment of amounts under this Supplemental Work Authorization is contingent on the County receiving appropriations or other expenditure authority sufficient to allow the County, in the exercise of reasonable administrative discretion, to continue to make payments under the Supplemental Work Authorization. It is further understood and agreed by Firm that County shall have the right to terminate this Supplemental Work Authorization at the end of any County fiscal year if the governing body of County does not appropriate sufficient funds as determined by County's budget for the fiscal year in question. County may effect such termination by giving written notice of termination to Firm.

Except as otherwise amended by prior or future Supplemental Work Authorizations, all other terms of the Work Authorization are unchanged and will remain in full force and effect.

This Supplemental Work Authorization does not waive the parties' responsibilities and obligations provided under the Contract.

IN WITNESS WHEREOF, the County and the Firm have executed this Supplemental Work Authorization, in duplicate, to be effective as of the date of the last party's execution below.

FIRM:

By: Sandra G Khoury Digitally signed by Sandra Khoury, P.E. DN: cn=Sandra Khoury, P.E., o=Cobb, Fendley & Associates, Inc., ou, email=skhoury@cobbfendley.com, c=US Date: 2019.04.09 17:09:56 -05'00'

Signature

Sandra G. Khoury, P.E.

Printed Name

Vice President

Title

4-9-19

Date

COUNTY:

By: _____

Signature

Bill Gravell, Jr.

Printed Name

Williamson County Judge

Title

_____

Date

Attachment C - Work Schedule

Cobb Fendley & Associates, Inc. will provide a work schedule for the assigned tasks.

Commissioners Court - Regular Session **24.**

Meeting Date: 04/23/2019

Pape-Dawson WA4 Finalizing Culvert Work on CR363 CR482 CR322 CR323

Submitted For: Robert Daigh **Submitted By:** Vicky Edwards, Infrastructure

Department: Infrastructure

Agenda Category: Consent

Information

Agenda Item

Discuss, consider and take appropriate action on Work Authorization No 4 in the amount of $10,000.00 to expire March 31, 2020 under Williamson County Contract for Engineering Services between Pape-Dawson Engineers, Inc. and Williamson County dated March 6, 2018 for Engineering Design Services for Finalizing Culvert Work on S CR 363, S CR 482, S CR 322 and S CR 323 for Williamson County Road and Bridge.

Background

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

Pape-Dawson WA4 Finalizing Culvert Work on CR363 CR482 CR322 CR323

Form Review

Inbox	Reviewed By	Date
Hal Hawes	Hal Hawes	04/15/2019 09:43 AM
County Judge Exec Asst.	Andrea Schiele	04/15/2019 10:55 AM
Form Started By: Vicky Edwards		Started On: 04/09/2019 08:06 AM
Final Approval Date: 04/15/2019		

WORK AUTHORIZATION NO. 4

PROJECT: Engineering Design Services for Finalizing Culvert Work on S CR 363, S CR 482, S CR 322 and S CR 323

This Work Authorization is made pursuant to the terms and conditions of the Williamson County Contract for Engineering Services, being dated **March 6, 2018** and entered into by and between Williamson County, Texas, a political subdivision of the State of Texas, (the "County") and **Pape-Dawson Engineers, Inc.** (the "Engineer").

Part1. The Engineer will provide the following Engineering Services set forth in Attachment "B" of this Work Authorization.

Part 2. The maximum amount payable for services under this Work Authorization without modification is **$10,000.00.**

Part 3. Payment to the Engineer for the services established under this Work Authorization shall be made in accordance with the Contract.

Part 4. This Work Authorization shall become effective on the date of final acceptance and full execution of the parties hereto and shall terminate on **March 31, 2020**. The Engineering Services set forth in Attachment "B" of this Work Authorization shall be fully completed on or before said date unless extended by a Supplemental Work Authorization.

Part 5. This Work Authorization does not waive the parties' responsibilities and obligations provided under the Contract.

Part 6. County believes it has sufficient funds currently available and authorized for expenditure to finance the costs of this Work Authorization. Engineer understands and agrees that County's payment of amounts under this Work Authorization is contingent on the County receiving appropriations or other expenditure authority sufficient to allow the County, in the exercise of reasonable administrative discretion, to continue to make payments under this Contract. It is further understood and agreed by Engineer that County shall have the right to terminate this Contract at the end of any County fiscal year if the governing body of County does not appropriate sufficient funds as determined by County's budget for the fiscal year in question. County may effect such termination by giving written notice of termination to Engineer.

Part 7. This Work Authorization is hereby accepted and acknowledged below.

EXECUTED this ____ day of _____, 2019.

ENGINEER:

Pape-Dawson Engineers, Inc.

By: _____
Signature

Gilmer D. Gaston, P.E., PTOE
Printed Name

Sr. Vice President
Title

COUNTY:

Williamson County, Texas

By: _____
Signature

Bill Gravell, Jr.
Printed Name

Williamson County Judge
Title

LIST OF ATTACHMENTS

Attachment A - Services to be Provided by County

Attachment B - Services to be Provided by Engineer

Attachment C - Work Schedule

Attachment D - Fee Schedule

Attachment A

Services to be Provided by County

Williamson County Road & Bridge Division personnel will provide 2' LiDAR contours and aerial background, project direction, review and oversight.

Pape-Dawson Consulting Engineers, Inc.
Small Drainage and Roadway Design

Williamson County Road and Bridge
1711-206
Work Authorization 03

Attachment B

Services to be Provided by the Engineer

Project Locations

1. **CR 363 S - From CR 360 to the County Line to FM 971**
2. **CR 482 S - From CR 481 to the County Line**
3. **CR 322 S - From CR 302 to FM 1105**
4. **CR 323 S – From CR 322 to CR 384**

Task 1: Project Management

Attend Progress Review Meetings with County Road & Bridge department at 50%, 100% and final, prepare monthly progress reports and invoices, maintain project schedule and perform QA/QC.

Task 2: Topographic and R.O.W. Surveys

QA and process to use 2' LIDAR contours and aerial background provided by the County (see Attachment A) for preliminary and final engineering.

Task 3: Preliminary Engineering

Delineate drainage areas and perform runoff calculations for 5-yr, 10-yr, 25-yr storm events for parallel driveway pipes and non-bridge class cross culverts within the project limits, including Data Collection and Field Reconnaissance. Provide a scroll plot (1"=100') showing drainage area boundaries, time of concentration path, drainage area I.D., drainage areas (acres), with 2' LIDAR contours and aerial background provided by County. Provide table showing runoff calculation results.

Task 4: Geotechnical Investigation N/A

Task 5: Environmental Studies N/A

Task 6: Utility Coordination N/A

Task 7: FEMA Coordination N/A

Task 8: Final Engineering

Calculate capacity of existing parallel driveway pipes and non-bridge class cross culverts. Determine parallel driveway pipes and non-bridge class culverts in need of replacement due to condition, inadequate capacity, or safety treatment. Provide 11x17 Plan & Plan Layout sheets (1"=50') for proposed improvements to parallel driveway pipes and non-bridge class cross culverts showing roadway centerline, stationing, approximate ROW, 2' LIDAR contours provided by County and aerial background. Provide temporary construction and/or drainage easement sketches or exhibits (all easement acquisitions to be handled by the County).

Task 9: Bidding Phase Services N/A

Task 10: Construction Phase Services N/A

Deliverables:

50% Submittal:

- 2 copies of Scroll Plots of Drainage Areas and runoff calculations
- Quantity Summary and Estimate of Construction Cost
- Engineer's internal QA/QC marked up set

100% Submittal:

- 2 paper copies of 11" x 17" Plan Sheets
- Quantity Summary and Estimate of Construction Cost
- Temporary construction and/or drainage easement sketches and exhibits
- Engineer's internal QA/QC marked up set

Final Submittal:

- 2 paper copies of 11" x 17" Plan Sheets
- Quantity Summary and Estimate of Construction Cost
- Temporary construction and/or drainage easement sketches and exhibits
- Engineer's internal QA/QC marked up set

Electronic copy of submittal documents in PDF format on CD

Attachment C - Work Schedule

Pape-Dawson shall provide a work schedule for the assigned tasks. Work shall begin immediately upon receipt of agreement between County and Pape-Dawson on the work schedule and authorization to proceed on assigned services.

Williamson County- Roadway Design 1711-206
Work Authorization #3

FEE SUMMARY FOR PROFESSIONAL SERVICES

Project(s): **Througout WilCo (see listing below)**

Prime Consultant: **Pape-Dawson Engineers, Inc, Austin, Texas**

Proposal Date: **4/23/2018**
Prepared By: Howard Lyons (PM)

Scope of Work:
Asphalt stabilize pavement (design by County) holding PGL, ditch & drainage

Location(s) of Work:
Project 3: CR 363S - West from CR 360 to County Line & east from County Line to CR 361/RM 971
Project 4: CR 482 N from CR 481 to County Line
Project 5: CR 322 S- from CR 302 to FM 1105
Project 6: CR 323 S- from CR 322 to CR 384

DESCRIPTION	TOTAL COST
TASK 1 - MANAGEMENT & COORDINATION	$14,571.09
TASK 2 - COORDINATION OF SERVICES BY OTHERS	$1,885.10
TASK 3 - PRELIMINARY ENGINEERING	$65,312.51
TASK 8 - FINAL ENGINEERING	$27,904.82
OTHER DIRECT EXPENSES	$4,975.00
SUBTOTAL LABOR + EXPENSES	$114,648.52

TASK DESCRIPTION	Vice President	Sr Mgr	Principal Engr	PM	Project Engr	Project Surveyor	Asst Mgr	Designer	EIT	GIS Analyst	r Env/Scl/Go/Ar	Env/Scl/Go/Ar	Env/Scl/Go/A	Proj Coord	Technician	Clerical	TOTAL LABOR HRS. & COSTS
TASK 1 - MANAGEMENT & COORDINATION																	
PROJECT MANAGEMENT AND ADMINISTRATION																	
Monthly Progress Report	6		1	6	12			2	2								29
Maintain Project Schedule	2		1	4	2			1	1								11
Meetings with State (Pvmt design, PS&E, AFA, etc)																	0
Written & Electronic Correspondence	2		1	2	2			1	1							1	10
Meeting Minutes				8	8												16
Phone Calls/Conference Calls with Team Members	1		1	16	8			1	1								28
HOURS SUB-TOTALS	11	0	4	36	32	0	0	5	5	0	0	0	0	0	0	1	94
CONTRACT RATE PER HOUR	$285.84	$186.46	$247.28	$150.37	$122.08	$140.76	$133.81	$104.05	$104.05	$87.55	$154.43	$109.80	$72.54	$116.75	$75.56	$77.35	
TOTAL LABOR COSTS	$3,144.24	$0.00	$989.12	$5,413.32	$3,906.56	$0.00	$0.00	$520.25	$520.25	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$77.35	$14,571.09
SUBTOTAL																	$14,571.09

SUMMARY		
TOTAL COSTS FOR PRIME ONLY	$14,571.09	
GRAND TOTAL	$14,571.09	

TASK DESCRIPTION	Vice President	Sr Mgr	Principal Engr	PM	Project Engr	Project Surveyor	Asst Mgr	Designer	EIT	GIS Analyst	Env/Sci/Geo/Ar	Env/Sci/Geo/Ar	Env/Sci/Geo/	Proj Coord	Technician	Clerical	TOTAL LABOR HRS. & COSTS
TASK 2 - COORDINATION OF SERVICES BY OTHERS																	
SERVICES TO BE PROVIDED BY OTHERS																	
Coord with County				1													1
Coord with Surveyor				1													1
Verification and QA			1	1	1												3
ROW verification QA			1	1	1												3
Design Survey				1	1												2
Locate utilities				1	1												2
HOURS SUB-TOTALS	0	0	2	6	4	0	0	0	0	0	0	0	0	0	0	0	12
CONTRACT RATE PER HOUR	$285.84	$186.46	$247.28	$150.37	$122.08	$140.76	$133.81	$104.05	$104.05	$87.55	$154.43	$109.80	$72.54	$116.75	$75.56	$77.35	
TOTAL LABOR COSTS	$0.00	$0.00	$494.56	$902.22	$488.32	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$1,885.10
SUBTOTAL																	

SUMMARY	
TOTAL COSTS FOR PRIME ONLY	$1,885.10
GRAND TOTAL	$1,885.10

TASK DESCRIPTION	Vice President	Sr Mgr	Principal Engr	PM	Project Engr	Project Surveyor	Asst Mgr	Designer	EIT	GIS Analyst	r Env/Sci/Geo/Ar	Env/Sci/Geo/M	Env/Sci/Geo/	Proj Coord	Technician	Clerical	TOTAL LABOR HRS. & COSTS
TASK 3 - PRELIMINARY ENGINEERING																	
ROADWAY																	
Front End Documents (Title, Index, E&Q, General Notes, etc.)																	0
Typical Sections - Existing and Proposed																	0
Horizontal Roadway Alignments				1	2			2	2								7
Roadway Profiles																	0
Street Cross Sections																	0
Plan Sheets				4	20			20	20								64
Driveway Summary Sheet																	0
Metal Beam Guard Fence Evaluation																	0
Preliminary cost estimates																	0
Construction Phasing Typical Sections																	0
Construction Phasing and Sequence of Work																	0
Conceptual Construction Phasing Layouts																	0
Intersection Layouts (Grading and Turning Movements)																	0
Pavement Marking and Signing Plan																	0
Selection of standards																	0
HOURS SUB-TOTALS	0	0	0	5	22	0	0	22	22	0	0	0	0	0	0	0	71
CONTRACT RATE PER HOUR	$285.84	$186.46	$247.28	$150.37	$122.08	$140.76	$133.81	$104.05	$104.05	$87.55	$154.43	$109.80	$72.54	$116.75	$75.56	$77.35	
TOTAL LABOR COSTS	$0.00	$0.00	$0.00	$751.85	$2,685.76	$0.00	$0.00	$2,289.10	$2,289.10	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$8,015.81
SUBTOTAL																	$8,015.81

COORDINATING WORK BY OTHERS																	
Coord/obtain geotech, SUE, survey																	0
Pavement Design																	0
Utility coordination & layouts																	0
QA/QC																	0
HOURS SUB-TOTALS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CONTRACT RATE PER HOUR	$285.84	$186.46	$247.28	$150.37	$122.08	$140.76	$133.81	$104.05	$104.05	$87.55	$154.43	$109.80	$72.54	$116.75	$75.56	$77.35	
TOTAL LABOR COSTS	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
SUBTOTAL																	$0.00

CUVLERTS & BRIDGES																	
H&H																	0
Site visits		24	24	24	24												96
Watershed area		40	8					90	90								228
culvert analysis																	0
																	0
																	0
Culvert Design		1		1	8			1	1								12
HOURS SUB-TOTALS	0	65	32	25	32	0	0	91	91	0	0	0	0	0	0	0	336
CONTRACT RATE PER HOUR	$285.84	$186.46	$247.28	$150.37	$122.08	$140.76	$133.81	$104.05	$104.05	$87.55	$154.43	$109.80	$72.54	$116.75	$75.56	$77.35	
TOTAL LABOR COSTS	$0.00	$12,119.90	$7,912.96	$3,759.25	$3,906.56	$0.00	$0.00	$9,468.55	$9,468.55	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$46,635.77
SUBTOTAL																	$46,635.77

TASK DESCRIPTION	Vice President	Sr Mgr	Principal Engr	PM	Project Engr	Project Surveyor	Asst Mgr	Designer	EIT	GIS Analyst	Env/Scl/Geo/Arc	Env/Scl/Geo/Arc	Env/Scl/Geo/	Proj Coord	Technician	Clerical	TOTAL LABOR HRS. & COSTS
TASK 3 - PRELIMINARY ENGINEERING																	
MISCELLANEOUS (ROADWAY)																	
Traffic Control Plan, Detours, Sequence of Construction																	0
Narrative																	0
TCP																	0
StormWater Pollution Prevention Plans (SW3P)				1	2			1	1								5
EPIC Sheet																	0
SW3P Narrative																	0
SW3P Layout Sheet																	0
Compute and Tabulate Quantities			1	8	8			4	4								25
Estimate																	0
Contract time determination																	0
Specifications and General Notes			1	8	8												17
Constructability Review		4	4	4													12
Internal QA/QC		4	4	2													10
HOURS SUB-TOTALS	0	8	10	23	18	0	0	5	5	0	0	0	0	0	0	0	69
CONTRACT RATE PER HOUR	$285.84	$186.46	$247.28	$150.37	$122.08	$140.76	$133.81	$104.05	$104.05	$87.55	$154.43	$109.80	$72.54	$116.75	$75.56	$77.35	
TOTAL LABOR COSTS	$0.00	$1,491.68	$2,472.80	$3,458.51	$2,197.44	$0.00	$0.00	$520.25	$520.25	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$10,660.93
SUBTOTAL																	[redacted]

SUMMARY	
TOTAL COSTS FOR PRIME ONLY	$65,312.51
GRAND TOTAL	[redacted]

TASK DESCRIPTION	Vice President	Sr Mgr	Principal Engr	PM	Project Engr	Project Surveyor	Asst Mgr	Designer	EIT	GIS Analyst	Env/Scl/Go/Ar	Env/Scl/Go/	Env/Scl/Go/	Proj Coord	Technician	Clerical	TOTAL LABOR HRS. & COSTS
TASK 8 - FINAL ENGINEERING																	
ROADWAY																	
Front End Documents (Title, Index, E&Q, General Notes, etc.)																	0
Typical Sections - Existing and Proposed																	0
Horizontal Roadway Alignments					1												1
Roadway Profiles																	0
Street Cross Sections																	0
Plan Sheets				1	10			10	10								31
Driveway Summary Sheet																	0
Metal Beam Guard Fence Evaluation																	0
Final Quantities			4	2	2			2	2								12
Construction Phasing Typical Sections																	0
Construction Phasing and Sequence of Work																	0
Intersection Layouts (Grading and Turning Movements)																	0
Pavement Marking and Signing Plan																	0
Selection of standards																	0
HOURS SUB-TOTALS	0	0	4	3	13	0	0	12	12	0	0	0	0	0	0	0	44
CONTRACT RATE PER HOUR	$285.84	$186.46	$247.28	$150.37	$122.08	$140.76	$133.81	$104.05	$104.05	$87.55	$154.43	$109.80	$72.54	$116.75	$75.56	$77.35	
TOTAL LABOR COSTS	$0.00	$0.00	$989.12	$451.11	$1,587.04	$0.00	$0.00	$1,248.60	$1,248.60	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$5,524.47
SUBTOTAL																	$5,524.47

COORDINATING WORK BY OTHERS																	
Coord/obtain geotech, SUE, survey																	0
Pavement Design																	0
Utility coordination & layouts																	0
QA/QC																	0
HOURS SUB-TOTALS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CONTRACT RATE PER HOUR	$285.84	$186.46	$247.28	$150.37	$122.08	$140.76	$133.81	$104.05	$104.05	$87.55	$154.43	$109.80	$72.54	$116.75	$75.56	$77.35	
TOTAL LABOR COSTS	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
SUBTOTAL																	$0.00

CUVLERTS & BRIDGES																	
H&H																	0
Site visits			8	8	8												24
Watershed area																	0
culvert analysis		10	2	4				20	20								56
																	0
																	0
Culvert Design		2	2	2	20			8	8								42
																	0
HOURS SUB-TOTALS	0	12	12	14	28	0	0	28	28	0	0	0	0	0	0	0	122
CONTRACT RATE PER HOUR	$285.84	$186.46	$247.28	$150.37	$122.08	$140.76	$133.81	$104.05	$104.05	$87.55	$154.43	$109.80	$72.54	$116.75	$75.56	$77.35	
TOTAL LABOR COSTS	$0.00	$2,237.52	$2,967.36	$2,105.18	$3,418.24	$0.00	$0.00	$2,913.40	$2,913.40	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$16,555.10
SUBTOTAL																	$16,555.10

TASK DESCRIPTION	Vice President	Sr Mgr	Principal Engr	PM	Project Engr	Project Surveyor	Asst Mgr	Designer	EIT	GIS Analyst	Env/Scl/Go/Ar	Env/Scl/Go/A	Env/Scl/Go/	Proj Coord	Technician	Clerical	TOTAL LABOR HRS. & COSTS
TASK 8 - FINAL ENGINEERING																	
MISCELLANEOUS (ROADWAY)																	
Traffic Control Plan, Detours, Sequence of Construction																	0
Narrative																	0
																	0
Temp Const Eeasemets / Drainage Easements- Provide exhibits / schetchs				2	3				3						6		14
EPIC Sheet																	0
SW3P Narrative																	0
SW3P Layout Sheet																	0
Compute and Tabulate Quantities			1	2	8			4	4								19
Estimate																	0
Contract time determination																	0
Specifications and General Notes																	0
Constructability Review																	0
Internal QA/QC		4	4	2													10
HOURS SUB-TOTALS	0	4	5	6	11	0	0	4	7	0	0	0	0	0	6	0	43
CONTRACT RATE PER HOUR	**$285.84**	**$186.46**	**$247.28**	**$150.37**	**$122.08**	**$140.76**	**$133.81**	**$104.05**	**$104.05**	**$87.55**	**$154.43**	**$109.80**	**$72.54**	**$116.75**	**$75.56**	**$77.35**	
TOTAL LABOR COSTS	$0.00	$745.84	$1,236.40	$902.22	$1,342.88	$0.00	$0.00	$416.20	$728.35	$0.00	$0.00	$0.00	$0.00	$0.00	$453.36	$0.00	$5,825.25
SUBTOTAL																	$5,825.25

SUMMARY	
TOTAL COSTS FOR PRIME ONLY	$27,904.82
GRAND TOTAL	$27,904.82

OTHER DIRECT EXPENSES	UNIT	RATE	Quantity	Total
MILEAGE	MI	0.540	5000	$ 2,700.00
CORRESPONDENCE	PAGE	$1.00	25	$ 25.00
COPIES	PAGE	$0.50	4500	$ 2,250.00
TOTAL OTHER DIRECT EXPENSES				$ 4,975.00

Commissioners Court - Regular Session **25.**

Meeting Date: 04/23/2019

Approval of Emergency Purchase Temporary Water Heater For Jail

Submitted For: Randy Barker **Submitted By:** Thomas Skiles, Purchasing

Department: Purchasing

Agenda Category: Consent

Information

Agenda Item

Discuss, consider and take appropriate action on approving the rental of a temporary boiler unit with HVAC RNTL in the amount of $10,700.00 (month one) / $4,200.00 (each additional month) to support the operations of the Williamson County Jail and exempting this emergency rental from competitive bidding requirements as per Texas Local Government Code Discretionary Exemption 262.024.(a)(3).

Background

The existing hot water system at the North Jail is no longer sustaining the required hot water temperature as required by Jail Standards. While Facilities works with Talex Engineers to find a permanent solution, a portable/temporary water heater is needed. The first month cost of this unit will be $10,700.00 and $4,200.00 per month thereafter. Facilities projects the permanent solution will be installed within two months. Department point of contact is Dale Butler. Funding Source 01.0100.0509.004510.

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

Quote

Form Review

Inbox	Reviewed By	Date
Purchasing (Originator)	Randy Barker	04/18/2019 09:11 AM
County Judge Exec Asst.	Andrea Schiele	04/18/2019 09:57 AM
Form Started By: Thomas Skiles		Started On: 04/17/2019 03:31 PM
Final Approval Date: 04/18/2019		

6029 W. Campus Circle Dr., Suite #100
Irving, Texas 75063
Office: 972.570.4700 Fax: 972.570.4486
24/7 Emergency Services: 1.800.595.5950
HVACRNTL.com

QUOTATION

April 17, 2019

Company: Williamson County
Name: Tom Stanfield
Address: 3101 SE Inner Loop
Georgetown, Texas 78626
Number: 512-943-1636
Cell: 512-818-4180
Email: tom.stanfield@wilco.org

Job: Boiler rental
Job Name: Williamson County Georgetown Jail
Address: 304 West 4th street Georgetown, TX 78626

We are pleased to quote the following:

PRICING SUMMARY: 1 Month Min **Term of Rental-Monthly**

DESCRIPTION	QTY	RENTAL PERIOD	PRICE
1.5 Million BTU Hot Water Boiler	1	Monthly	$4,200.00
Hot water hose and gas hose	1	Monthly	included
Installation and Teardown	1		$5,500.00
Wood Supplies			$400.00
Round Trip Delivery	1		$600.00
		Sub Total (first month)	$10,700.00
		Every month after	$4,200.00

APPLICATION – Provide 1.5 million BTU hot water boiler. Install, start up and tear down to be done by HVAC RNTL crew. Unit to sit outside on grass to right of loading dock, a wood protection would be put in place for security and protection of hose water hoses and gas line to unit. A wooden ramp or another structure will be used to allow normal trash delivery and access to riser room to be used,

RENTAL EQUIPMENT INSURED VALUE - $65,000.00

START-UP – Installation, start up, running will be done HVAC RNTL contracted crew

CUSTOMER RESPONSIBILITIES

- Customer responsible for routine maintenance and daily operation of temp equipment.
- Compliance with all city codes, including pulling any required permits/licenses/etc.
- Confirming the application stated above is the application HVAC RNTL will see at the job site. Any changes to your application stated on this proposal could result in additional charges.
- The full acceptance of HVAC RNTL terms and conditions.
- **Any type of safety signage, including Fencing, Signs, Hazard Lights, Walkway barriers, security will be at owners**
- **expense.**
- **The customer must call or email that the rental is complete 48 hrs. in advance so that HVAC RNTL can log and check running machines. Rental stops when equipment arrives in HVAC RNTL Yard.**

- Fuel used and not replenished will be billed @ $7.00 per gallon
- Planned Maintenance Service for rental generators is required every 250 hours of operation. Failure to provide this maintenance will result in additional charges.
- There will be a $75.00 cleaning fee for any unit that is not returned the same way the unit was received.
- 25% restocking fee for any new units returned.
- 25% cancellation charge for any unit in route to customer destination.

IMPORTANT NOTES

- The minimum billing period is one Week (7 Days).
- Three days equals the weekly rate.
- Seventeen days, equals one month (28 Days).
- Three Weeks equals a month.
- Additional weeks will be invoiced at 1/3 the cost of the monthly rental rate.
- Additional months are invoiced at the previously specified monthly rental rate.
- The rental term begins when the equipment leaves HVAC RNTL and ends when it has been called off rent.
- Tax is not included on any HVAC RNTL quote. If tax exempt will need form attached to quote when sent.

PAYMENT TERMS

The first month's rental fee is due in advance with your "Purchase Order". Each additional month's rent is due on the first day of each rental period. Payment for services are due net upon invoice.

Forward your payment to:
HVAC RNTL, LLC
6029 W. Campus Circle Drive, Suite #100
Irving, TX 75063

Please call me at 512-560-7121 cell to discuss the details of this proposal.

This quotation will void after 30 days.
-Add to the prices quoted any sales tax payable on the transaction under any effective Federal or State statute.
-PAYMENT TERMS: Net 30 Days, Upon Receipt of Satisfactory Credit Information
-HVAC RNTL equipment will be supplied based upon approved quotation
-Insurance certificates and bonds can/will be provided upon request

HVAC RNTL, LLC

Authorized Acceptance _____
P.O. # _____
Required Delivery Date & Time _____
Site Address for Shipment _____
_____
_____

Brad Kenter
Account Manager

Site Contact Name and Number _____

RENTAL MASTER TERMS AND CONDITIONS

By accepting the Equipment upon delivery, the “Bill To” party on the front of this Invoice (“Customer”) agrees with HVAC RNTL. (“Company”) to these terms and conditions (“Terms”):

Rental Charges and Taxes. Customer will pay Company for use of the “Equipment” and “Accessories” (“Equipment”) at the Rental Rate for the “Billing Days” (the “Rent”), as shown on the face of this Invoice. All Rental Rates are based on a 28 day month. Customer will also promptly pay when due all sales, use, property, excise and other taxes or assessments (whether federal, state or local), license or registration fees, other charges, and amounts in lieu of the foregoing (including interest and penalties thereon), however designated or levied, imposed on the Equipment, its use or rental excluding, however, taxes based on Company’s income. The obligation to pay Rent and such taxes is without setoff and is absolute and unconditional under all circumstances. Customer is responsible for all costs and expenses of any kind whatsoever for the possession and use of the Equipment.

Inspection: Before Equipment is loaded for shipment to CUSTOMER's receiving point, the CUSTOMER may require and inspection thereof by a qualified inspector. If the CUSTOMER does not inspect the Equipment before it is loaded for transit, the CUSTOMER is conclusively deemed to have accepted that the Equipment is in good running order without broken or worn out parts and in a clean and unmarred condition. HVAC RNTL shall have the right at any time to enter the premises occupied by the Equipment and shall be given free access thereto and afforded necessary facilities for the purpose of inspection.

Delivery; Risk of Loss. Company will have no liability for any delay in delivery or failure to supply Equipment. Customer shall bear the risk of all loss of or damage to the Equipment and loss of its use, whether caused by fire, flood, storm, accident, explosion, theft, wreck, act of God, hostilities, civil disturbance, strike, labor difficulties, machinery breakdown or any other cause whatsoever (each a “Loss”) from the time the Equipment leaves the premises of Company and until it is returned to the possession of Company and accepted by it. There will be no abatement or reduction of Rent on account of any Loss. Customer will insure the Equipment against all risk of Loss in an amount at least equal to its replacement cost. If a Loss occurs, Customer shall be liable for the expense of repairing the Equipment, or if the Equipment cannot be repaired, then for an amount equal to the cost of purchasing similar Equipment from the manufacturer less the amount of any insurance or other recovery received by Company.

Maintenance, Operation and Repair. Customer will, at its expense, cause competent and qualified personnel to properly install, operate and maintain the Equipment in good operating condition, in accord with applicable instruction manuals, laws and regulations. Customer will not do or permit any act to be performed with the Equipment which would result in endangering or injuring persons or property in the vicinity of the Equipment or the premises where it is being used, create a safety hazard, or interfere with the normal and satisfactory operation or maintenance of the Equipment. Company is not responsible for service and repair arising out of Customer’s negligence, including improper use, over-firing, inadequate fuel or electric power, damage to the Equipment, or neglect. Customer will promptly notify Company of any breakage or failure of the Equipment and Company will, in its sole discretion, replace the Equipment, make repairs or authorize repairs. Any parts furnished in the course of repairs will become part of the Equipment. Customer will keep and use the Equipment only at the “Ship To” location specified on the front of this Invoice and will not relocate or remove any Equipment without the prior consent of Company.

Removal or Return of The Equipment; Quiet Enjoyment. Customer grants to Company the right to enter any job or location for the purpose of inspecting or repairing the Equipment, or to remove Equipment on twenty-four hours’ notice if Company deems the Equipment is at risk due to improper use, over-firing, inadequate fuel or electric power, damage, neglect, or as otherwise reasonably determined by Company. It shall be Customer’s responsibility to notify Company when Equipment is no longer needed, at which time Customer will be advised how and where Equipment is to be returned. Customer will at its risk and expense promptly return the Equipment to Company at locations designated by the Company in the same condition as when delivered to Customer, ordinary wear and tear excepted. Prior to return, so long as Customer is not in default under these Terms, Company shall not interfere with Customer’s possession and use of the Equipment.

Ownership and Title; No Liens or Encumbrances. The Equipment is and shall at all times be and remain the sole and exclusive property of Company, and Customer has no right, title or interest therein, except for the right expressly provided for here to use the Equipment in the normal operation of its business. Company is permitted to display notice of its ownership on the Equipment by means of a suitable stencil, label or plaque affixed thereto. Customer will not attempt to assign its rights to the Equipment, sublet the Equipment, or move the Equipment away from the “Ship To” job site without first obtaining Company’s prior consent. The Equipment will remain personal property regardless of its attachment to real property. Title to the Equipment will at all times remain with Company and Customer at its expense will defend the title of Company and keep the Equipment at all times free and clear of all claims, levies, liens or encumbrances except those created by or arising through Company. Customer will not pledge, lend, create a security interest in, or sublet the Equipment without Company’s prior written permission. Customer will give Company immediate written notice of any attachment or other judicial process affecting the Equipment and will take action at its expense to prevent any third party from acquiring an interest in the Equipment.

Financing Statement. Upon request, Customer will promptly execute and deliver financing statements in a form satisfactory to Company. Company and Customer specifically agree that this Agreement is intended as a true Lease and not as a security agreement, and any filing of a financing statement by Company is intended merely to protect the rights of Company.

Warranties and Disclaimers. Company warrants only that, at the time the Equipment is delivered to Customer, Company has the right to lease the Equipment to Customer. Customer acknowledges that it is not relying upon Company’s skill or judgment to select or furnish Equipment suitable for its purpose or any particular purpose. All warranties are void if the Equipment has been subject to abuse or abnormal damage or use. Regardless of what representations may be contained in conversations, correspondence, labels, advertisements, owners manuals or warranty cards, Customer acknowledges that Company makes no warranty, express or implied, except the warranty provided in this section. THIS EXPRESS WARRANTY IS EXCLUSIVE AND IN LIEU OF ANY AND ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

Liability Disclaimer, Indemnity and Insurance. Company expressly disclaims liability for, and Customer will indemnify, hold harmless and defend Company (including its officers, directors, employees, agents and shareholders) against any claim, suit, liability, loss, damage (including indirect, consequential, special or punitive damages), lost profits or revenues, or expense of any kind (including attorney's fees) arising out of or caused, directly or indirectly, by: (1) the ordering, use, condition, performance, operation or transportation of the Equipment; (2) the inadequacy of the Equipment for Customer's purpose or any purpose; (3) a deficiency or defect in the Equipment or its component parts; (4) loss of use of the Equipment; (5) any loss of Customer's business; or (6) personal injury (including bodily injury or death) or property damage by reason of any act done, permitted to be done, suffered or omitted to be done by Customer in connection with the use of the Equipment, regardless of whether any of the aforesaid claims are based contract, tort, breach of warranty, product liability or otherwise. These indemnities survive termination of this agreement. Customer will carry liability insurance against any such liability in the sum of not less than One Million Dollars ($1,000,000) per occurrence/annual aggregate for any and all bodily injury or property damage in such form and with such insurance companies as shall be satisfactory to Company.

Reports. Customer shall immediately notify Company in writing of each accident arising out of the alleged or apparent manufacture, function or operation of the Equipment, describing the time, place and nature of the accident, damage to property or Equipment, and names of the persons involved or injured, if any.

Default and Remedies. Any of the following will be a default by Customer: (1) failure to pay Rent when due; (2) failure to maintain liability insurance; (3) taking or permitting action to remove, sell, transfer, encumber, pledge, part with or sublet the Equipment; (4) the Equipment is attached, levied upon or seized; (5) irreparable damage, loss or destruction occurs to the Equipment; (6) bankruptcy or insolvency proceedings are commenced by or against Customer, or a receiver is appointed for the business of Customer; or (7) failure to perform Customer's agreements under these Terms. Upon the occurrence of Customer's default, Company may at its option take one or more of the following actions: (1) terminate this agreement for rental of the Equipment; (2) whether or not this Agreement is terminated, take immediate possession of any or all Equipment wherever situated and, for such purpose, enter onto any premises owned or controlled by Customer without liability for doing so; (3) terminate any outstanding option to purchase the Equipment; (4) sell, dispose of, hold, use or lease the Equipment as Company in its sole discretion may decide, retaining any surplus and holding Customer liable for any deficiency; or (5) purchase similar equipment from the manufacturer and recover the cost from Customer, less any insurance proceeds received by Company. Customer hereby waives notice and service of process and confesses judgment against it for any remedy provided herein. Customer remains liable for all unpaid Rent or other charges due under these Terms up to and including the day on which Company obtains possession of the Equipment. Customer is responsible for all legal fees and other costs and expenses resulting from the foregoing defaults or the Company's exercise of its remedies, including the costs of repossession, repair, storage, transportation and disposition of the Equipment, collection costs and attorneys' fees. No remedy is intended to be exclusive, and each remedy shall be cumulative and in addition to any other remedy provided for in these Terms or at law or in equity.

Miscellaneous. Governing Law and Civil Actions: The validity, interpretation and performance of this purchase agreement shall be governed and construed pursuant to the law to the State of Texas. Any dispute, controversy or difference arising between the parties, out of or in relation to or in connection with this purchase agreement, or the breach thereof, which cannot otherwise be settle between the parties shall be determined in legal proceedings, which shall be brought in the Circuit Court of Dallas County. located in Dallas, Texas. Each of the parties hereto expressly consents to the jurisdiction of this court. Judgements may be enforced in any locality.

Payment. All invoices are due, without setoff, 30 days after receipt. Customer agrees to pay interest on all past-due sums at the lower of one and one-half percent (1.5%) per month or the highest rate allowed by law. Customer will pay for, and will indemnify and hold Company harmless from, any applicable sales, use, transaction, excise or similar taxes and any federal, state or local fees or charges (including, but not limited to, environmental or similar fees), imposed on, in respect of, or otherwise associated with the order or the products. In the event of a payment default, Customer will be responsible for all of Company's costs of collection, including, but not limited to, court costs, filing fees and attorneys' fees.

Waiver of Jury Trial. The parties hereto irrevocably and unconditionally waive, to the fullest extent possible, their right to a jury trial in any suit, action or proceeding on any matter arising from or relating to these Terms.

TERMINATION OF THE AGREEMENT: Should the CUSTOMER (i) fail to make payment in accordance with the terms of this Agreement and such failure shall continue for a period of five (5) days, (ii) become bankrupt, become insolvent or make an assignment for the benefit of its creditors (iii) fail to maintain and/or operate or to return the Equipment as provided by this agreement, (iv) fail to maintain insurance required herein, or (v) violate any material provision hereof, HVAC RNTL may, after three (3) days notice in writing of such event terminate this Agreement, take possession of the Equipment wherever it may be found without becoming liable for damages or for trespass, and, in addition to any other remedies HVAC RNTL may recover all rental due together with any damage for injury to the Equipment and all expenses incurred in returning and repossessing the equipment.

Commissioners Court - Regular Session **26.**

Meeting Date: 04/23/2019

Local Provider Participation Fund Presentation

Submitted By: Julie Kiley, County Auditor

Department: County Auditor

Agenda Category: Regular Agenda Items

Information

Agenda Item

Hear presentation and have discussion regarding the Williamson County Local Provider Participation Fund (LPPF).

Background

Don Lee, President of Texas Essential Healthcare Partnerships, and Annie Daskovsky, Adelanto Health Care Ventures-Williamson County Local Provider Participation Fund Hospital Team Lead, will give a presentation regarding the LPPF. Representatives from the Hospital Partners will be present at the meeting as well. The fund was created in Fiscal Year 2018 and this will be second year that the Commissioners Court will consider setting a tax rate and managing this program. The public hearing to consider and set the rate is scheduled for April 30, 2019 at 10:00 a.m.

Attached is the Power Point Presentation that will be reviewed at the meeting.

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

Local Provider Participation Fund Presentation

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Andrea Schiele	04/18/2019 10:41 AM
Form Started By: Julie Kiley		Started On: 04/18/2019 08:48 AM
Final Approval Date: 04/18/2019		

Williamson County LPPF Overview

April 24, 2019
3:00-4:00PM

Presenter:
Don Lee, President TEHP

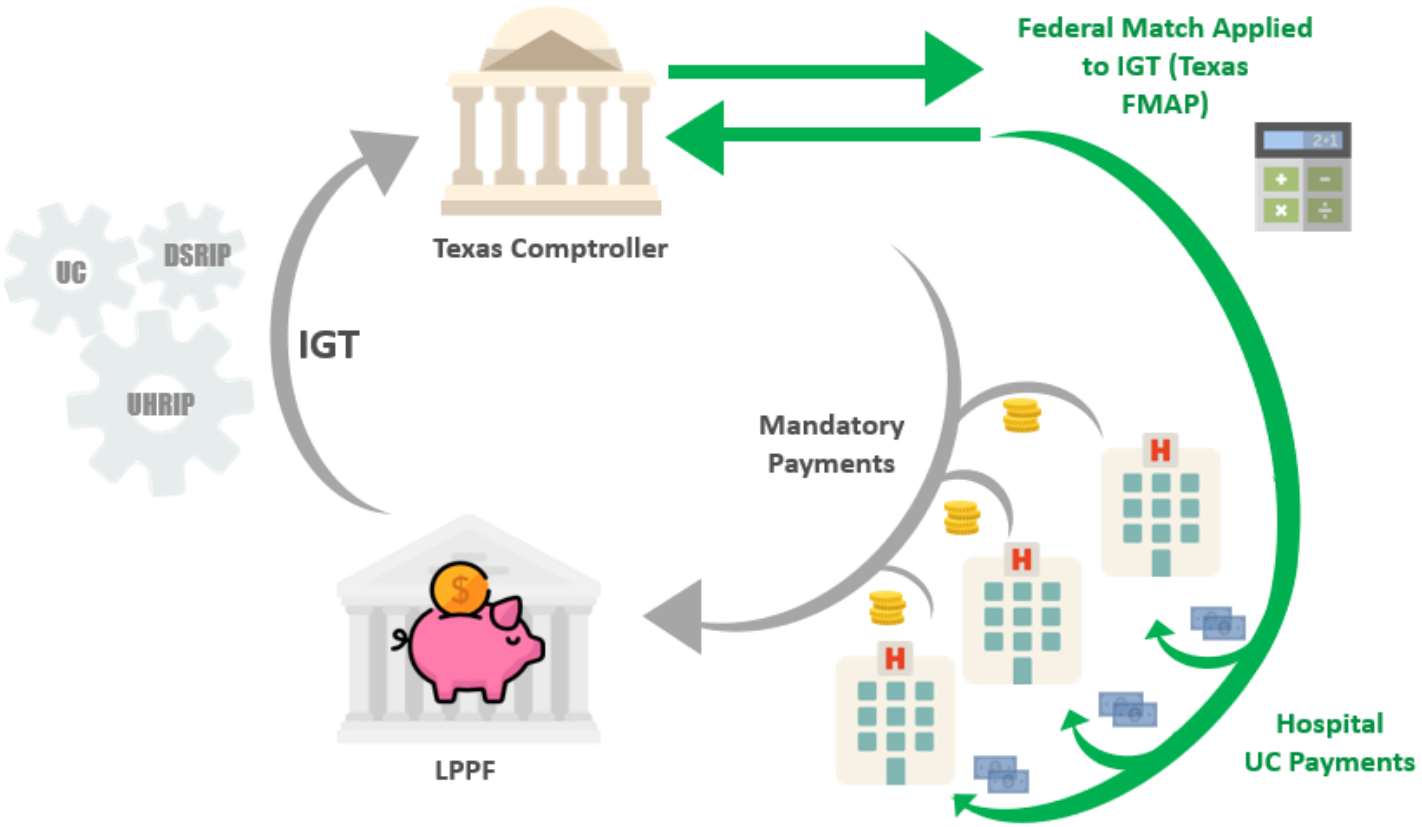
Texas Essential
Healthcare Partnerships

AHCV
Adelanto HealthCare Ventures L.L.C.

Local Provider Participation Fund

- **What is the LPPF?**
  - The LPPF is a locally administered fund that is utilized to help local safety-net hospitals access supplemental payments.
  - LPPF must comply with federal healthcare and tax regulations.
- **What jurisdictions have LPPFs?**
  - Counties: Hidalgo, Cameron, Webb, Bell, Gregg, Brazos, McLennan, Bowie, Hays, Cherokee, Smith, Angelina, Williamson, Tom Green, Grayson and Potter
  - City: Beaumont
  - Hospital Districts: Dallas County Hospital District (Parkland), Tarrant County Hospital District (JPS), and Amarillo Hospital District
- **Who can legally pursue LPPFs?**
  - Counties with more than one hospital
  - Cities with more than one hospital (county and city may not both have LPPFs)
  - Hospital districts

LPPF Cash Flow Diagram



Why does Williamson County need an LPPF?

- Allows hospitals to provide care to low income residents
- Shows county supports indigent care
- Promotes cooperation among hospitals
- Alleviates financial burden on Williamson County

What Payments Are Supported?

- **Uniform Hospital Rate Increase Program**
  - UHRIP is meant to offset the uncompensated care costs associated with treating Medicaid patients in the Travis SDA
  - $50.1mm payments supported to date (UHRIP PGY2)
  - $60.2mm estimated payments supported (UHRIP PGY3)
- **Uncompensated Care Payments**
  - UC is meant to offset the uncompensated care costs associated with treating Medicaid and uninsured patients in Williamson County
  - $7.9mm estimated payments supported (DY8 UC Final)

Mandatory Payment History

Fiscal Year	Mandatory Payment Rate	Funds Generated
2018	3.89%	$30.2mm
2019*	1.68%	$14.5mm

**Proposed SFY2019 Mandatory Payment Rate*

Hospitals in Williamson LPPF

- Baylor Scott & White Emergency Medical Center Cedar Park
- Baylor Scott & White Medical Center - Round Rock
- Baylor Scott & White Medical Center - Taylor
- Cedar Park Regional Medical Center
- Seton Medical Center Williamson
- St. David's Round Rock Medical Center
- Encompass Health Rehabilitation Hospital of Round Rock
- Georgetown Behavioral Health Institute
- Springstone Rock Springs

Benefit to Williamson County

Payments to Hospitals via the Williamson LPPF:

Fiscal Year	UC	UHRIP
2018*	$0	$50.1mm
2019**	$7.9mm	$30.2mm

**FY2018 mandatory payment rate supported both Advance and Final PGY2 UHRIP payments*

***Proposed FY2019 mandatory payment rate would support DY8 UC Final payments and Advance PGY3 UHRIP payments. This rate assumes Final PGY3 UHRIP payments will be funded via FY2020 rate*

Questions?

Counties in the Travis SDA

- Burnet
- Williamson
- Travis
- Hays
- Lee
- Bastrop
- Caldwell
- Fayette

Commissioners Court - Regular Session **27.**

Meeting Date: 04/23/2019

2019 Air Quality Awareness Week

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 proclaiming April 29 - May 3, 2019 as AIR QUALITY AWARENESS WEEK in Williamson County.

Background

Ozone Season is upon us. Here in Central Texas, it runs from April 1 – November 30. Ground-level ozone, as defined by the Texas Commission on Environmental Quality (TCEQ) is a gas that is created by chemical reactions between nitrogen oxides (NOx) and volatile organic compounds (VOC) in the presence of sunlight. Emissions from industrial facilities, electric facilities, motor vehicle exhaust, and gasoline vapors are only a partial list of sources of ozone-forming emissions. Additionally, living organisms and biological processes can also contribute to the formation of ozone.

Williamson County and the rest of the metro area are at risk of violating federal air quality standards and being designated “nonattainment” for the ozone standard. Designation of non-attainment would be devastating to Williamson County and our economy, because it would severely curtail business expansion, and once on the non-attainment list, it takes many years of continuous air quality monitoring to prove a region is back in attainment. Ozone is bad for your health, especially for persons who have respiratory ailments. The Centers for Disease Control and Prevention (CDC) lists the following groups most likely to experience health effects caused by ozone:

- People with asthma or other lung diseases
- Older adults
- People of all ages who exercise or work hard outside
- Babies and children

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

2019 Air Quality Awareness Week Proclamation

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Andrea Schiele	04/18/2019 10:04 AM
Form Started By: Garry Brown		Started On: 04/18/2019 08:24 AM
Final Approval Date: 04/18/2019		

PROCLAMATION

WHEREAS, air quality can threaten our environment, economy, and the health of the residents of Williamson County; and

WHEREAS, the 2018 ozone design value in the Austin-Round Rock MSA is 68 ppb which is just 2 ppb below the National Ambient Air Quality for ground level ozone of 70 ppb; and

WHEREAS, while air quality is improving in Central Texas, regional air pollution levels were considered "moderate" or worse on more than thirty-five percent of days in 2018, according to the National Air Quality Index; and

WHEREAS, children, older adults, people with lung disease, and people with heart disease make up about two out of every five residents of Central Texas, and are particularly affected by poor air quality; and

WHEREAS, Williamson County supports public awareness about the quality of local and regional air quality and steps that members of our community can take to reduce their exposure to air pollution and to reduce the emissions that contribute to poor air quality in the region; and

WHEREAS, Williamson County is a member of the Central Texas Clean Air Coalition of the Capital Area Council of Governments (CAPCOG) and supports the Coalition's effort to promote regional air quality;

NOW THEREFORE, the Williamson County Commissioners Court does hereby proclaim

April 29 – May 3, 2019
as
"Air Quality Awareness Week"

in Williamson County and encourage our residents and employees to educate themselves about air quality, including visiting CAPCOG's Air Central Texas website AirCentralTexas.org and promote air quality and air quality awareness within our community.

Signed on this date: _____

_____

Bill Gravell, County Judge

_____

Terry Cook, Commissioner Precinct 1

_____

Valerie Covey, Commissioner Precinct 3

_____

Cynthia Long, Commissioner Precinct 2

_____

Russ Boles, Commissioner Precinct 4

Commissioners Court - Regular Session **28.**

Meeting Date: 04/23/2019

CTRMA Update

Submitted For: Cynthia Long **Submitted By:** Kathy Pierce, Commissioner Pct. #2

Department: Commissioner Pct. #2

Agenda Category: Regular Agenda Items

Information

Agenda Item

Discuss, consider and take appropriate action on presentation of "Driven to Deliver - 2018 Annual Report & Financial Statements" by Central Texas Regional Mobility Authority (CTRMA).

Background

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

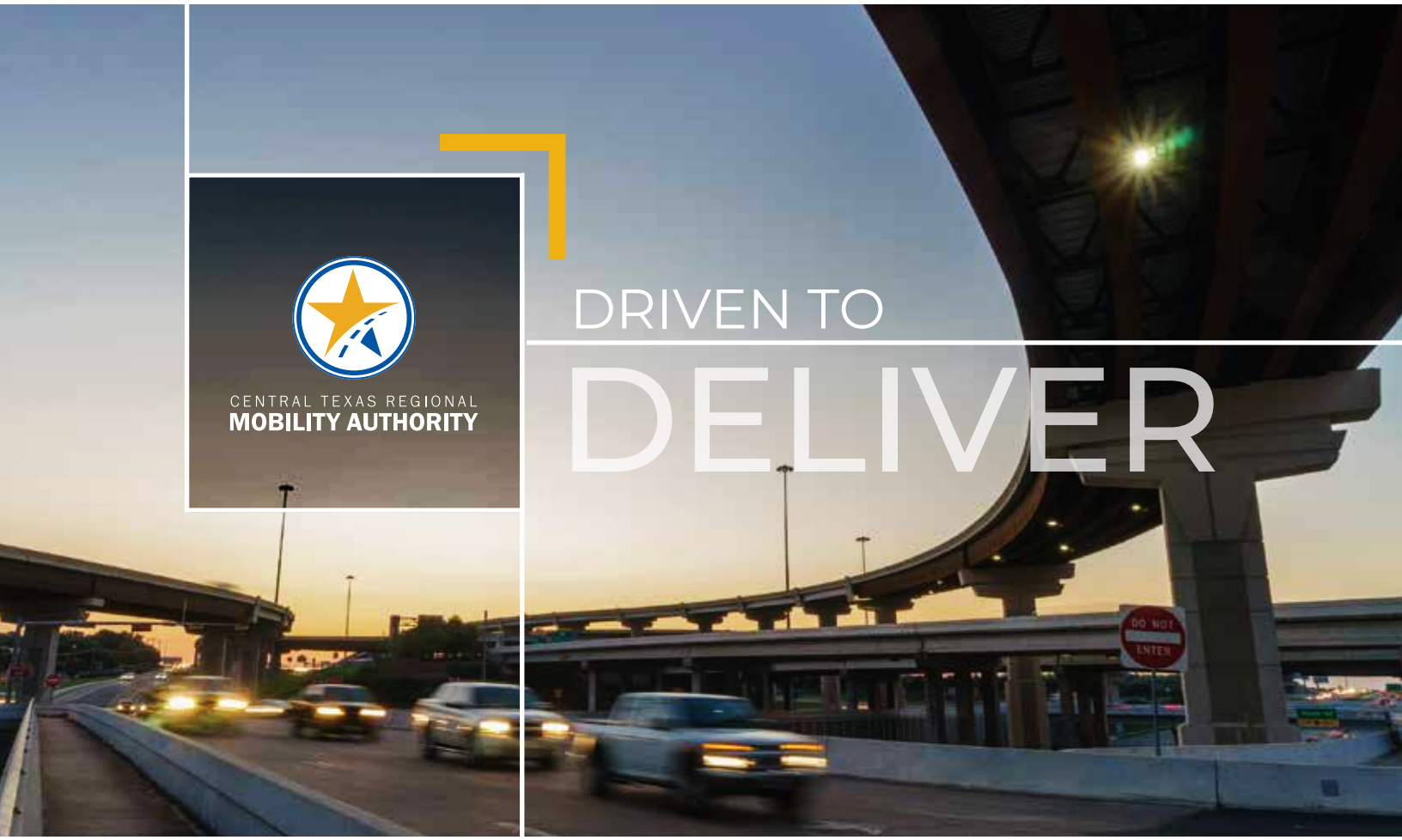
CTRMA Annual Report

CTRMA Presentation

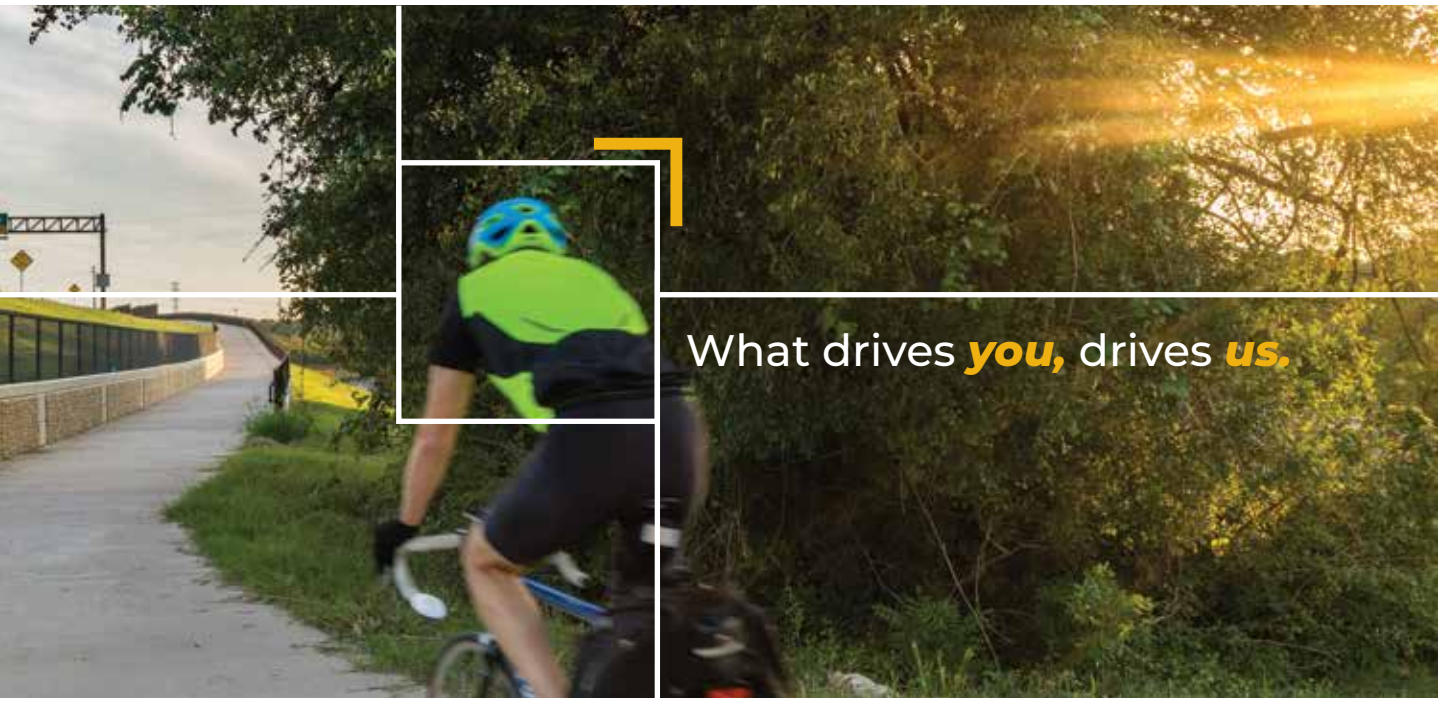
Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Andrea Schiele	04/03/2019 08:37 AM
Commissioner Pct. 2 (Originator)	Andrea Schiele	04/18/2019 04:28 PM
Form Started By: Kathy Pierce		Started On: 04/02/2019 04:50 PM
Final Approval Date: 04/18/2019		

2018 ANNUAL REPORT & FINANCIAL STATEMENTS



What drives ***you,*** drives ***us.***


What drives you, drives us.



CONTENTS

DID YOU KNOW?

The Mobility Authority is delivering more than infrastructure to Central Texas. Our open roads have driven economic development in Williamson and Travis counties, with additional development on the horizon.

171% From 2007 to 2018, property values along the 183A corridor increased by over $1.2 billion, a 171 percent growth.

Austin Community College - San Gabriel Campus opened in 2018 just west of 183A in Leander.

St. David's Emergency Center in Leander opened in 2018 on 183A.

#7 Realtor.com ranked the city of Manor the #7 fastest-growing zip code in the U.S. in 2018.

3x As a traffic generator for 290 Toll, the city of Elgin's population is expected to triple in the next 10 years.

Austin-Bergstrom International Airport (ABIA) is seeing significant growth with a $350 million terminal expansion project to add nine more gates. The expansion project will increase the airport's capacity from 11 million to 15 million passengers annually.

Grocer H-E-B purchased 17.2 acres near ABIA on the 71 Toll Lane corridor. There are currently no major grocery stores in the area.

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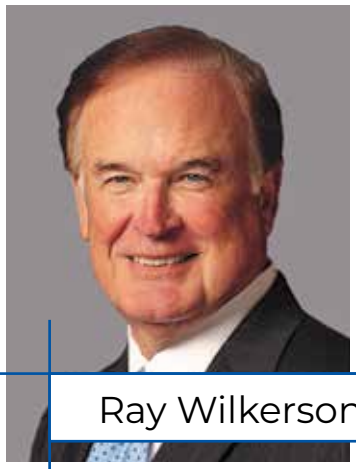
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FROM THE DESK OF OUR CHAIRMAN
Driving Central Texas Toward New Beginnings



Ray Wilkerson

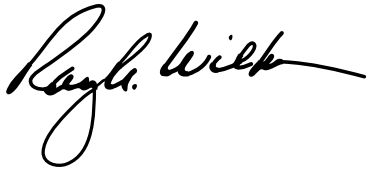
We consider it a **privilege** to be behind the wheel when it comes to **improving mobility** for the communities we serve.

With 2018 in our rearview mirror, we reflect on the past year's milestones and look toward the challenges and opportunities of tomorrow. We remain committed to raising the bar on what it means to preserve and enhance quality of life through the delivery of customer-centric, reliable and forward-thinking mobility solutions.

Our foundation of consistent delivery gives way to new beginnings. We are on the verge of providing the residents of southwest Travis and northern Hays counties a brand-new roadway as we put the final finishes on the SH 45SW project. This long-awaited bypass route will bring commuters the benefit of choice, allowing them to avoid congested local roads while enhancing safety for neighborhoods subject to cut-through traffic. We consider it a privilege to be behind the wheel when it comes to improving mobility for the communities we serve.

We're poised to continue bringing our vision of greater mobility to life, and we've only just begun. As we break ground on the 290/130 Flyovers project, we're establishing new connections and delivering on the call for choice and reliability. Our neighbors on the east side are beginning to see improvements take shape as we surpass the halfway mark on the 183 South project. In Central Austin, MoPac drivers are getting where they want to go reliably with the new Express Lane.

Keeping our finger on the pulse of tomorrow's needs we remain driven. Driven to remain a pillar of the transportation community. Driven to pioneer new ways of improving mobility. Driven to deliver solutions. Driven by you.



FROM THE DESK OF OUR EXECUTIVE DIRECTOR
Cultivating a Better Quality of Life

There's no denying it—living in Central Texas comes with a sense of pride and love. Our collective passion makes Central Texas one of the most desirable places in the U.S. to live, drawing in more residents daily. That comes with increased demand for reliable mobility options to connect our downtown core with the surrounding suburbs. We know our charge to meet the growing mobility need is more important than ever. We are rising to the challenge.

We are an agency developed by Central Texas, for Central Texas, and governed by Central Texans. Our journey toward a better mobility future is fueled by our shared passion. We know you hate traffic congestion as much as we do, and we are driven to deliver meaningful relief to move us all forward.

We recognize that we have more than population growth to contend with. Significant changes to the nature of mobility and the evolution of our regional landscape make the movement of people and goods a growing challenge. But we are primed to achieve our vision. By leveraging technology, adopting industry best practices, and collaborating with regional partners and stakeholders, we'll continue developing solutions that preserve the spirit and authenticity of our beloved Central Texas.

After all, this is our home too.



Mike Heiligenstein

Our journey toward a **better mobility** future is fueled by our shared **passion.**

TRANSFORMING CENTRAL TEXAS

Before we tell you where we're going, let's take a look back at the momentum driving us forward.

PROJECTS ON THE GROUND

2002

CENTRAL TEXAS REGIONAL MOBILITY AUTHORITY

Mobility Authority Inception

2007



183A Toll Phase I Opens to Traffic

2012



183A Toll Phase II Opens to Traffic



290 Toll Phase I Opens to Traffic

2014



290 Toll Phase II Opens to Traffic

2016



Northbound, North End Segment of MoPac Express Lane Opens to Traffic

2017

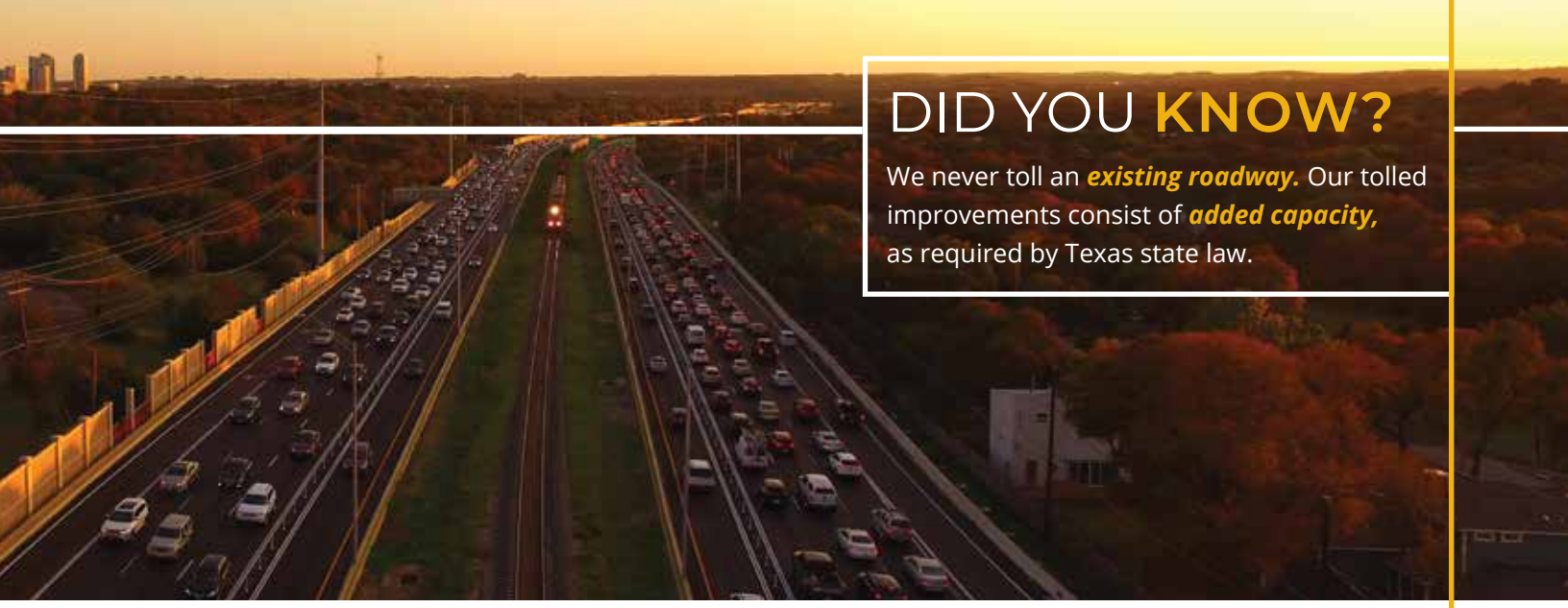


71 Toll Lane Opens to Traffic

2018



MoPac Express Lane Becomes Fully Operational



DID YOU **KNOW?**

We never toll an ***existing roadway.*** Our tolled improvements consist of ***added capacity,*** as required by Texas state law.

INVESTING IN YOU

Since our inception in 2002, the Mobility Authority has transformed a regional investment of $518 million into nearly $2 billion in added-capacity infrastructure improvements.

$518 MILLION Investment — — — — — — — — — Infrastructure **$2 BILLION**

Moving forward, we anticipate leveraging an additional $184 million investment into another $1.4 billion in new infrastructure.

$184 MILLION Future Investment — — — — — Future Infrastructure **$1.4 BILLION**



LEVERAGING LIMITED FUNDING TO CREATE REAL SOLUTIONS

Public dollars for transportation improvements are in short supply, yet our needs for mobility improvements are greater than ever. Rather than waiting decades, or longer, for public funding to become available, we use a flexible financing approach that allows us to build out our infrastructure with the added capacity we need today. The revenue we generate is reinvested right here in Central Texas to help expand our regional infrastructure network.

MAKING OUR OWN LANE

We're picking up speed as we drive towards the finish line on our projects under construction.

PROJECT TOUR:
UNDER CONSTRUCTION



IMPROVEMENTS TAKE SHAPE ON AUSTIN'S EAST SIDE

We have surpassed the halfway mark on constructing this $743 million project in east Austin. Drivers and neighbors are beginning to see our vision come to life. With portions of the brand-new general-purpose lanes already carrying traffic, major bridge structures rising up from the ground, and intersection improvements already alleviating congestion, we're well on our way to full project opening in 2020. By transforming this corridor into a modern expressway built for tolled and non-tolled travel, we're creating a new normal for east Austin mobility that will serve the community for decades to come.



DID YOU KNOW?

96 Miles

The 183 South project will include enough new pavement to construct a single 96-mile lane that could stretch from Austin to San Antonio.



TIME SAVINGS WITH SH 45SW

9-17 Mins. Saved
Using SH 45SW

6-7 Mins. Saved
Using Neighborhood Route Instead

PAVING A NEW WAY FOR SOUTH AUSTIN COMMUTERS

Drivers in northern Hays and southern Travis counties are about to see meaningful relief. SH 45SW will provide a choice to bypass congestion, reducing travel times for all drivers, even those using local neighborhood routes. Originally projected to open in summer 2019, the SH 45SW project is nearing completion several months early.

Through our efforts to protect our precious natural resources, we have developed an industry-leading model for environmental compliance. Construction practices, observation, on-site compliance monitoring, and other project elements exceed industry standards and ensure protection of the sensitive Edwards Aquifer Recharge Zone.

GREATER AUSTIN BUSINESS AWARDS
2018 WINNER

We are honored to be the recipient of the 18th Annual Austin Chamber of Commerce's Brookfield Residential Environmental Champion Award for our investment in sustainability, innovation and leadership in the transportation industry, most notably the SH 45SW project.





BRIDGING THE WAY FOR SUBURBAN COMMUTERS

Our next order of business is providing suburban commuters a more-efficient route into Austin. In partnership with the Texas Department of Transportation (TxDOT), we're constructing three free-flowing flyover bridges between 290 Toll and SH 130. When the project opens in 2021 all drivers will see relief at the convergence of these two heavily traveled facilities, even non-tolled drivers. The new flyovers will free up capacity at the non-tolled frontage road intersection below, improving circulation through the area.

TxDOT will fund the non-tolled east-to-south flyover. The Mobility Authority will fund the tolled north-to-west and south-to-west flyovers using toll revenue bonds and a Transportation Infrastructure Finance and Innovation Act (TIFIA) loan, an exclusive type of federal financing reserved for agencies that consistently deliver successful projects. The TIFIA loan will ultimately equate to $80 to $100 million in interest savings over the life of the loan.



DID YOU KNOW?

Former Mobility Authority board member **James H. Mills** was an advocate for the 290/130 Flyovers; the north-to-west and south-to-west flyover bridges will be named in his honor.



PLANNING FOR FUTURE GROWTH

Tomorrow's mobility challenges are today's priorities. Building on the success of 183A Toll, we're forging ahead on a project to extend the 183A Toll road 6.6 miles northward to north of SH 29 in Liberty Hill with two lanes in each direction and plans to add a third lane in the future. Constructing this third phase of 183A Toll will help relieve congestion, improve safety, and enhance mobility for residents and commuters from Cedar Park, Leander, and Liberty Hill as well as other areas of Williamson County.

The Mobility Authority is committed to building a future that protects quality of life for Central Texans. The inclusion of a 10-foot-wide shared use path lives up to that mission by enhancing mobility and generating multimodal travel options for the community.



> Williamson County residents enjoy a **high quality of life.** I am committed to working with regional partners like the Mobility Authority on projects that preserve that standard. The **northern extension of 183A** is just that kind of project and I look forward to my constituents having **another option to help keep them moving.**

Cynthia Long,
Williamson County Commissioner, Precinct Two

DID YOU KNOW?



200% Williamson County's population is expected to grow by 200 percent between 2020 and 2050.*

**U.S. Bureau of the Census*

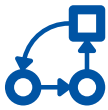
MOPAC: A REAL LANE CHANGER

The new Express Lane has changed the game for MoPac commuters. With more reliable travel times, drivers are spending their saved time in more meaningful ways. While not intended for daily use, the MoPac Express Lane is meant for special occasions. Think about all the late fees paid to daycare, family dinners you've missed, or meetings delayed—because of unpredictable travel times.





The MoPac Express Lane carries up to **1,600 vehicles per hour,** freeing up capacity in the non-tolled lanes.



An algorithm and operators **adjust toll rates** to keep traffic moving.



Toll-free access for Capital Metro has **increased** Express Bus **ridership** by 73 percent on MoPac.



Real-time traffic monitoring through the Traffic & Incident Management (TIM) Center facilitates **swift incident clearance** and emergency response.



DID YOU KNOW?

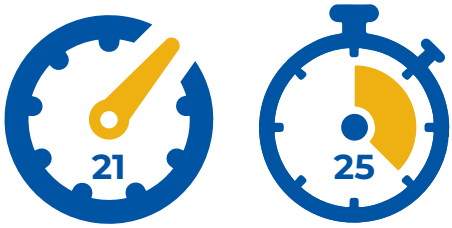
Emergency first responders have toll-free access to the Express Lane, improving the reliability of emergency services in the corridor.



The TIM Center is the heart of our intelligent transportation system. It allows us to monitor our facilities and coordinate resources for swift incident management and debris clearance.

LIFE IN THE FAST LANE

With average speeds generally above 50 miles per hour, drivers choosing the Express Lane during morning and afternoon rush hours...



move up to **21 miles per hour** faster

save up to **25 minutes** in travel time

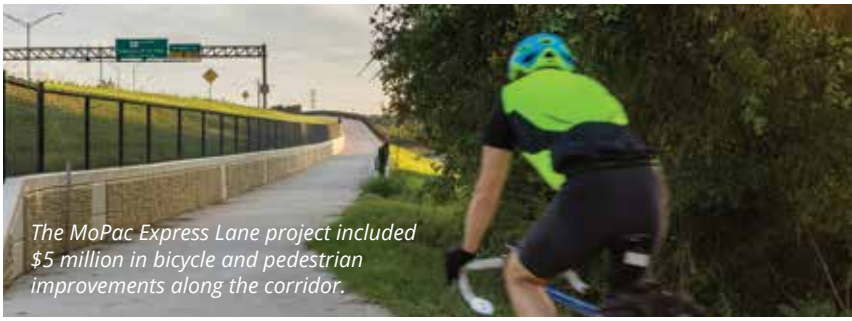


DID YOU KNOW?

The most common make of vehicles in the Express Lane are those driven by middle income residents. **Ford makes up 15.2 percent** of vehicles, followed by **Toyota at 12.7 percent,** and **Chevrolet at 10.7 percent.**

TRANSFORMATIVE TECHNOLOGY

We're improving the commute experience through technology. Our TIM Center is key to making MoPac a smart corridor. Housing state-of-the-art technology to monitor traffic flow, this facility serves as the heart of our operations and closes the gap between demand and performance. The data fed into the TIM Center through high-definition cameras and vehicle-detection sensors enables faster emergency response, coordination of resources for incident or debris clearance, and enhances safety for all travelers.



The MoPac Express Lane project included $5 million in bicycle and pedestrian improvements along the corridor.

YOU SPOKE, WE LISTENED.

The choice is yours. Drive our toll facilities when you need a more-reliable route.
Or choose the non-tolled route when you prefer not to pay a toll. Our roadways keep you connected to all the places you live, work, and play.

Pay it your way. When you choose the toll road, make the payment process as effortless as the trip.
Choose any tag-based option and receive discounted toll rates across Texas. With a tag account, tolls are automatically deducted from your prepaid, linked account. Don't worry about fines or violations, or checking the mail for your toll bill.

TxTag By TxDOT | T By NTTA | EZTAG By HCTRA | KTAG By KTA | PIKEPASS By OTA | bancpass

PAY BY MAIL

PAY BY MAIL

Don't have a tag account? No problem. Drive on through and we'll mail you a bill.



We're evolving the Pay By Mail process to be more user-friendly and offering options that better suit customer needs. It's part of our commitment to uphold the high standard of quality we know our customers deserve. Visit www.PayMobilityBill.com to learn more.



DID YOU KNOW?

Tag accounts are the simplest, **most cost-effective way to pay tolls,** even for infrequent toll road drivers.

MOVEFWD MOVING FORWARD WITH CENTRAL TEXAS' WORKFORCE

As a local agency, we are committed to serving the community. This year, we looked beyond traditional mobility and launched MoveFWD, a Workforce Collaborative of Central Texas. The goal of the program is twofold: address the labor shortage in the roadway construction and customer service industries, while helping disadvantaged workers in Travis and Williamson counties achieve life-changing, long-term employment, and career-building opportunities.

We've partnered with Austin Community College, City of Austin, Goodwill, Texas Department of Criminal Justice Reentry and Integration, Travis County, and Workforce Solutions to bring this program to fruition. Through a comprehensive approach that includes training, career counseling and social services support, MoveFWD helps people establish careers that provide job stability and benefits by assigning a career manager to connect them with the resources necessary to achieve economic independence and establish a better quality of life.



Jeffrey Travillion welcomes attendees at the MoveFWD kick-off.



"The opportunities in the construction industry are **endless.** You can start as a roller hand and leave as a superintendent... if that's what you want. You just need to **have the drive and motivation** to move up."

Joshua Meltabarger,
Earthwork Foreman, Colorado River Constructors

"I believe that Travis County residents can be **better prepared for local jobs** when we provide a one-stop-shop for **learning career and life skills.** I want to commend the Central Texas Regional Mobility Authority for bringing this initiative to fruition. Their MoveFWD program has the potential to be an **important tool to fight poverty** and help those in need."

Jeffrey Travillion,
Travis County Commissioner, Precinct One

A TOLL-FREE RIDE FOR VETERANS

QUALIFIED VETERAN DISCOUNT PROGRAM

The Mobility Authority's Qualified Veteran Discount Program, which took effect November 1, 2018, allows qualified veterans to drive toll-free on 183A Toll, 290 Toll and the 71 Toll Lane.

We are proud to offer this program in an effort to recognize the service of the brave men and women who have served our county. Qualified veterans include disabled veterans, Purple Heart recipients, and Legion of Valor or Medal of Honor recipients. Visit www.MobilityAuthority.com/veterans for more information or to register.

LOOKING BEYOND THE SINGLE-OCCUPANCY VEHICLE

The cost of commuting alone in a personal vehicle is often higher than we realize, considering vehicle maintenance, registration, car payment, insurance, fuel, and parking. In addition, there is the cost of time lost and diminished quality of life. That's why we've partnered with Commute Solutions and Capital Metro to encourage drivers to look beyond the single-occupancy vehicle and tackle Transportation Demand Management (TDM).

Commute Solutions

Commute Solutions is a regional TDM program that promotes greater efficiency and use of existing roadways to achieve greater mobility. By discouraging less-efficient travel behavior like single-occupant vehicle use, peak-hour travel, and travel on high-congestion roadways, the program encourages more-efficient behavior such as of public transit, carpools, vanpools, walking, biking, teleworking, alternative work schedules, and more.

Get on Board with Capital Metro

Our partnership with Capital Metro whereby transit has toll-free access to our facilities has led to increased transit ridership, fewer single-occupancy vehicles on the roads, and new transit routes across the region. On MoPac alone, Express Bus ridership has climbed 73 percent in the first year of Express Lane operations.

DID YOU KNOW?

Commute Solutions' Commute Cost Calculator can calculate the **true cost** of your commute. Visit MobilityAuthority.com, click on the resources tab and select commuting costs.



FORWARD MOMENTUM DRIVES US

Taking stock of who we are as an agency and the direction we're heading is something we continually keep top of mind. But this year we took a deeper dive to refresh how we define our organization and paralleled our goals and strategies with our projects and initiatives. We recognize that a regional focus requires alignment with the Central Texas transportation landscape, and that our efforts must be considered within the context of all the challenges, risks, and opportunities we collectively face as a region.

We're committed to moving Central Texas forward by staying true to our mission and demonstrating our core values in all we do.

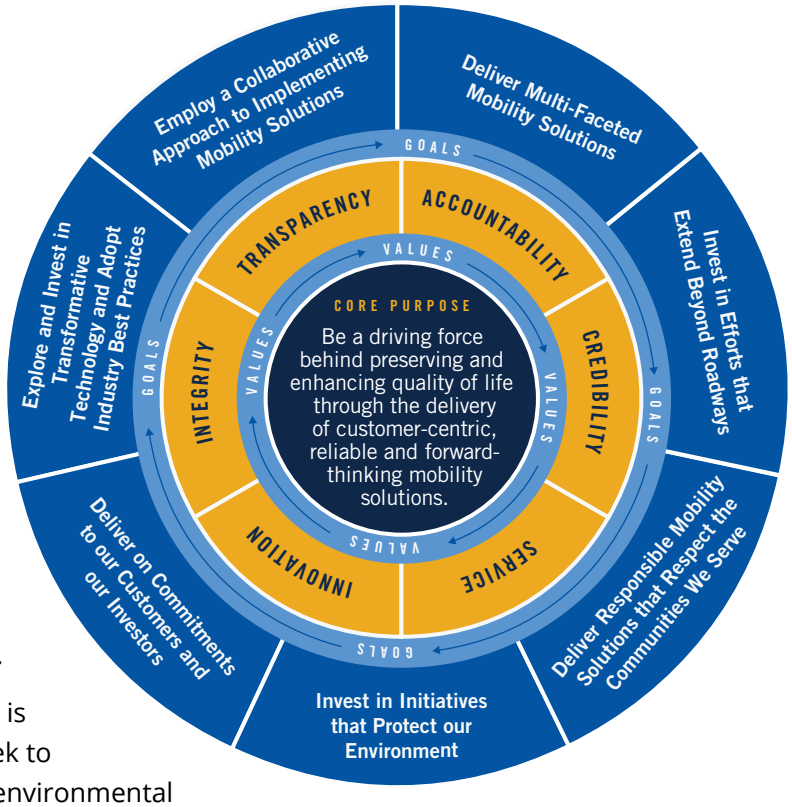
OUR CORE VALUES

TRANSPARENCY | We are committed to open, honest and fair business practices; visibility into our processes; and accessibility of information to the general public.

ACCOUNTABILITY | We are fiscally responsible and follow through on commitments to our founding counties, investors, customers, constituents, and partners.

CREDIBILITY | We work to earn and sustain public trust through dependable public service, two-way communication, partner collaboration, and fair and appropriate solutions.

SERVICE | We provide customer service that is defined by efficiency and responsiveness. We seek to improve quality of life for our users by acting as environmental stewards and supporting our community.



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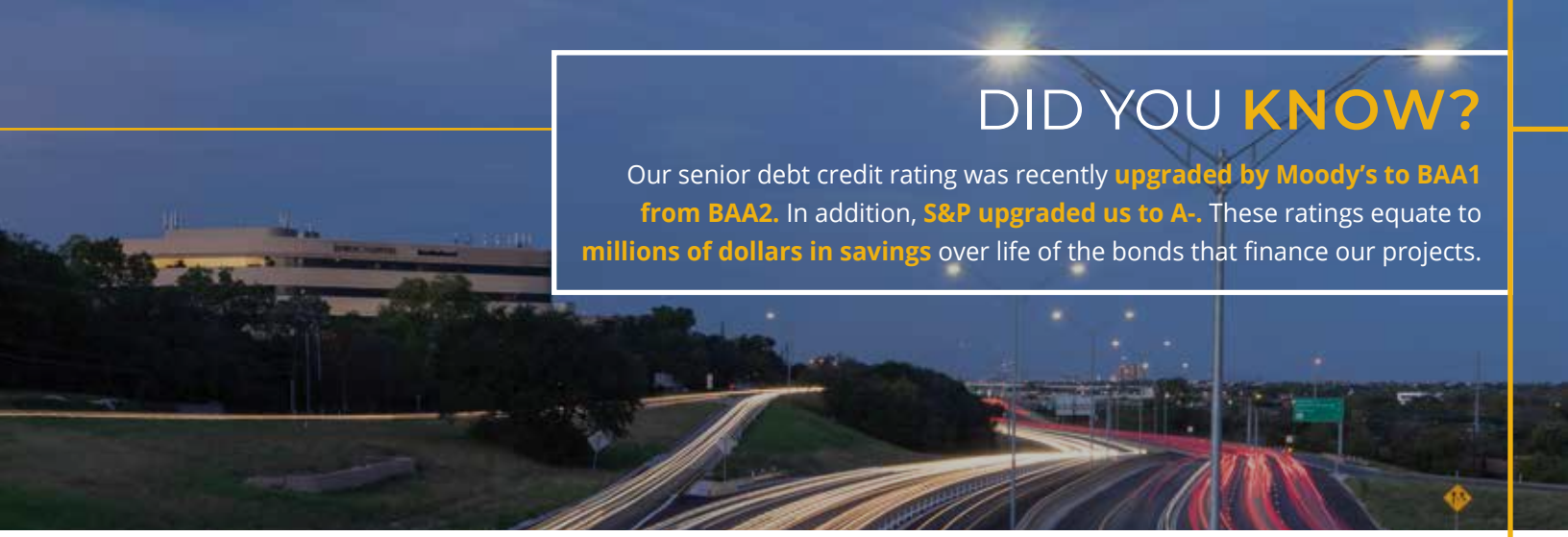
INNOVATION | We have an entrepreneurial spirit that nurtures new ideas and embraces opportunities to implement transformative technology.

2018 FINANCIAL STATEMENTS

The Mobility Authority's financial statements are prepared in accordance with Generally Accepted Accounting Principles (GAAP) as applied to government units on an accrual basis. To view the audited Financial Statements and Management Discussion and Analysis, please visit MobilityAuthority.com/business/finance.

STATEMENTS OF NET POSITION JUNE 30, 2018 AND 2017	2018	2017
Current Assets:		
Unrestricted:		
Cash and cash equivalents	$ 49,687,164	$ 903,311
Investments	35,008,355	67,774,818
Due from other governments	4,336,907	17,083,930
Accrued interest receivable	192,484	325,529
Prepaid expenses and other assets	46,518	37,999
Total unrestricted	89,271,428	86,125,587
Restricted:		
Cash and cash equivalents	92,822,518	118,725,139
Total restricted	92,822,518	118,725,139
Total current assets	182,093,946	204,850,726
Noncurrent assets:		
Restricted assets:		
Cash and cash equivalents	26,661,063	81,632,324
Investments	177,722,684	227,597,046
Total restricted assets	204,383,747	309,229,370
Pension asset	826,397	355,139
Total capital assets, net	1,673,629,024	1,491,481,738
Total assets	2,060,933,114	2,005,916,973
Total deferred outflows of resources	108,056,556	109,741,671
Total assets and deferred outflows of resources	$ 2,168,989,670	$ 2,115,658,644
Current liabilities:		
Payable from current assets:		
Accounts payable	$ 1,079,771	$ 1,838,473
Due to other governments	4,073,939	1,672,933
Accrued expenses	584,371	413,542
Total payable from current assets	5,738,081	3,924,948
Payable from restricted current assets:		
Construction accounts payable	45,136,616	73,481,537
CAMPO RIF payable	2,000,000	—
Accrued interest payable	25,942,463	25,975,163
Bonds, notes payable and other obligations, current portion	7,425,000	6,950,000
Unearned revenue	12,318,439	12,318,439
Total payable from restricted current assets	92,822,518	118,725,139
Total current liabilities	98,560,599	122,650,087
Noncurrent liabilities:		
Unearned revenue	—	—
Notes payable, net of current portion	—	1,805,000
Revenue bonds payable and other obligations, net of current portion	1,433,999,854	1,355,761,123
Total noncurrent liabilities	1,433,999,854	1,357,566,123
Total liabilities	1,532,560,453	1,480,216,210
Total deferred inflows of resources	278,184	286,449
Total liabilities and deferred inflows of resources	1,532,838,637	1,480,502,659
Net position:		
Net Investment in capital assets	447,015,053	436,282,193
Restricted for debt service	106,764,024	141,067,986
Unrestricted	82,371,956	57,805,806
Total net position	636,151,033	635,155,985
Total liabilities and net position	$ 2,168,989,670	$ 2,115,658,644

See notes to financial statements at www.MobilityAuthority.com/business/finance



DID YOU KNOW?

Our senior debt credit rating was recently **upgraded by Moody's to BAA1 from BAA2.** In addition, **S&P upgraded us to A-.** These ratings equate to **millions of dollars in savings** over life of the bonds that finance our projects.

2018 FINANCIAL STATEMENTS

STATEMENTS OF REVENUES, EXPENSES AND CHANGES IN NET POSITION - YEARS ENDED JUNE 30, 2018 AND 2017

	2018	2017
Operating revenues:		
Tolls	$ 91,491,730	$ 75,651,364
Grant proceeds and other operating	681,812	1,568,891
Total operating revenues	92,173,542	77,220,255
Operating expenses:		
Salaries and wages	4,871,271	4,337,946
Toll contractual services	12,258,054	8,356,483
Professional services	3,167,349	2,370,921
General and administrative	8,259,628	7,806,640
Depreciation and amortization	28,045,493	22,099,071
Total operating expenses	56,601,795	44,971,061
Operating income	35,571,747	32,249,194
Nonoperating revenues (expenses):		
Interest income	2,541,537	847,178
Financing expense	(226,753)	(1,358,618)
CAMPO RIF payment	(2,000,000)	–
Interest expense, net of interest capitalized	(34,908,809)	(31,949,097)
Total nonoperating revenues (expenses), net	(34,594,025)	(32,460,537)
Change in net position before capital grants and contributions	977,722	(211,343)
TxDOT capital grants and contributions, net	17,326	168,607,570
Change in net position	995,048	168,396,227
Total net position at beginning of year	635,155,985	466,759,758
Total net position at end of year	$ 636,151,033	$ 635,155,985

See notes to financial statements at www.MobilityAuthority.com/business/finance

2018 FINANCIAL STATEMENTS

STATEMENTS OF CASH FLOWS - YEARS ENDED JUNE 30, 2018 AND 2017	2018	2017
Cash flows from operating activities:		
Receipts from toll fees	$ 91,130,996	$ 73,772,971
Receipts from grants and other income	681,812	1,568,891
Payments to vendors	(22,051,246)	(17,059,484)
Payments to employees	(4,789,619)	(4,258,810)
Net cash flows provided by operating activities	64,971,943	54,023,568
Cash flows from capital and related financing activities:		
Proceeds from notes payable and other obligations	90,521,885	49,636,149
Payments on revenue bonds issuance	—	(3,855,854)
Payments on interest	(54,324,611)	(45,132,276)
Payments on bonds	(9,403,471)	(6,425,000)
Purchase of capital assets	(302,647)	(2,260,579)
Payments for construction in progress	(240,014,400)	(206,701,520)
Proceeds from capital grants	28,679,062	100,753,583
Proceeds from contributed capital	—	4,500,000
Net cash flows used in capital and related financing activities	(184,844,182)	(109,485,497)
Cash flows from investing activities:		
Interest income, gross of capitalized interest	5,083,086	3,170,825
Purchase of investments	(178,465,748)	(285,516,658)
Proceeds from sale or maturity of investments	261,164,872	213,417,984
Net cash flows provided by (used in) investing activities	87,782,210	(68,927,849)
Net decrease in cash and cash equivalents	(32,090,029)	(124,389,778)
Cash and cash equivalents at beginning of year	201,260,774	325,650,552
Cash and cash equivalents at end of year	$ 169,170,745	$ 201,260,774
Reconciliation of change in net position to net cash provided by operating activities:		
Operating income	$ 35,571,747	$ 32,249,194
Adjustments to reconcile change in net position to net cash provided by operating activities:		
Depreciation and amortization	28,045,493	22,099,071
Changes in assets and liabilities:		
Increase in due from other governments	(391,555)	(1,926,383)
(Increase) decrease in prepaid expenses and other assets	(8,519)	69,602
Increase (decrease) in accounts payable	(727,881)	555,604
Increase in accrued expenses	2,541,014	946,663
Increase in pension asset	(471,258)	(153,116)
Increase in deferred outflow of resources	421,167	68,501
Increase (decrease) in deferred inflow of resources	(8,265)	114,432
Total adjustments	29,400,196	21,774,374
Net cash flows provided by operating activities	$ 64,971,943	$ 54,023,568
Reconciliation of cash and cash equivalents:		
Unrestricted cash and cash equivalents	$ 49,687,164	$ 903,311
Restricted cash and cash equivalents:		
Current	92,822,518	118,725,139
Noncurrent	26,661,063	81,632,324
Total	$ 169,170,745	$ 201,260,774

See notes to financial statements at www.MobilityAuthority.com/business/finance

2018 BOARD OF DIRECTORS

We are governed by a seven-member board of directors responsible for setting policies, identifying priority projects, and ensuring the agency is operated in an efficient and effective manner. Our volunteer members are appointed by our founding counties and serve two-year terms. Our chairman is appointed by the governor.



Ray A. Wilkerson
Chairman
Gubernatorial Appointee, 2009



Nikelle S. Meade
Vice-Chair
Travis County Appointee, 2012



David Singleton
Board Treasurer
Williamson County Appointee, 2003



Mark Ayotte
Board Secretary
Williamson County Appointee, 2017



David B. Armbrust
Board Member
Travis County Appointee, 2012



John Langmore
Board Member
Travis County Appointee, 2018



Frank Leffingwell
Board Member
Williamson County Appointee, 2018



Mike Heiligenstein
Executive Director, 2003

REGIONAL MAP



CENTRAL TEXAS REGIONAL
MOBILITY AUTHORITY

ABOUT

THE CENTRAL TEXAS REGIONAL MOBILITY AUTHORITY

The Central Texas Regional Mobility Authority is an independent government agency created in 2002 to improve the transportation system in Williamson and Travis counties. Our mission is to implement innovative, multimodal transportation solutions that reduce congestion and create transportation choices that enhance quality of life and economic vitality. The Mobility Authority operates 183A Toll in Williamson County, 290 Toll in east Austin, the 71 Toll Lane in east Austin and the MoPac Express Lane in central Austin. The Mobility Authority is also constructing tolled lanes on SH 45SW in south Austin, and tolled and untolled improvements on 183 South in east Austin. For more information about the Mobility Authority, visit www.MobilityAuthority.com

CENTRAL TEXAS REGIONAL
MOBILITY AUTHORITY

3300 North IH-35, Suite 300
Austin, TX 78705

MOBILITYAUTHORITY.COM

WHAT DRIVES *YOU,*

DRIVES *US.*

Central Texas Regional Mobility Authority Update to Williamson County Commissioners Court

Mike Heiligenstein, Executive Director

April 23, 2019

CENTRAL TEXAS REGIONAL
MOBILITY AUTHORITY

2018 Annual Report and Financial Statements

– DRIVEN TO DELIVER –

CENTRAL TEXAS REGIONAL
MOBILITY AUTHORITY

Annual Report

- **Our yearly "look back"** on the agency and its performance against the Strategic Plan
- **Features** key projects, initiatives and summaries of financial statements
- **Required** as part of the Texas Administrative Code



Distribution

- **Distributed** digitally to an extensive list of elected officials, key stakeholders and agency e-newsletter subscribers totaling over 1,000+

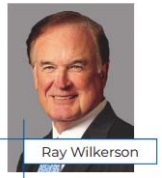
- **Print copies** available upon request and provided to investors

- **Available** on website



Accountable, Visionary Leadership

FROM THE DESK OF OUR CHAIRMAN
Driving Central Texas Toward New Beginnings



Ray Wilkerson

We consider it a **privilege** to be behind the wheel when it comes to **improving mobility** for the communities we serve.

With 2018 in our rearview mirror, we reflect on the past year's milestones and look toward the challenges and opportunities of tomorrow. We remain committed to raising the bar on what it means to preserve and enhance quality of life through the delivery of customer-centric, reliable and forward-thinking mobility solutions.

Our foundation of consistent delivery gives way to new beginnings. We are on the verge of providing the residents of southwest Travis and northern Hays counties a brand-new roadway as we put the final finishes on the SH 45SW project. This long-awaited bypass route will bring commuters the benefit of choice, allowing them to avoid congested local roads while enhancing safety for neighborhoods subject to cut-through traffic. We consider it a privilege to be behind the wheel when it comes to improving mobility for the communities we serve.

We're poised to continue bringing our vision of greater mobility to life, and we've only just begun. As we break ground on the 290/130 Flyovers project, we're establishing new connections and delivering on the call for choice and reliability. Our neighbors on the east side are beginning to see improvements take shape as we surpass the halfway mark on the 183 South project. In Central Austin, MoPac drivers are getting where they want to go reliably with the new Express Lane.

Keeping our finger on the pulse of tomorrow's needs we remain driven. Driven to remain a pillar of the transportation community. Driven to pioneer new ways of improving mobility. Driven to deliver solutions. Driven by you.



BOARD OF DIRECTORS

2018 BOARD OF DIRECTORS

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- **Showcase** our Chairman and Board of Directors

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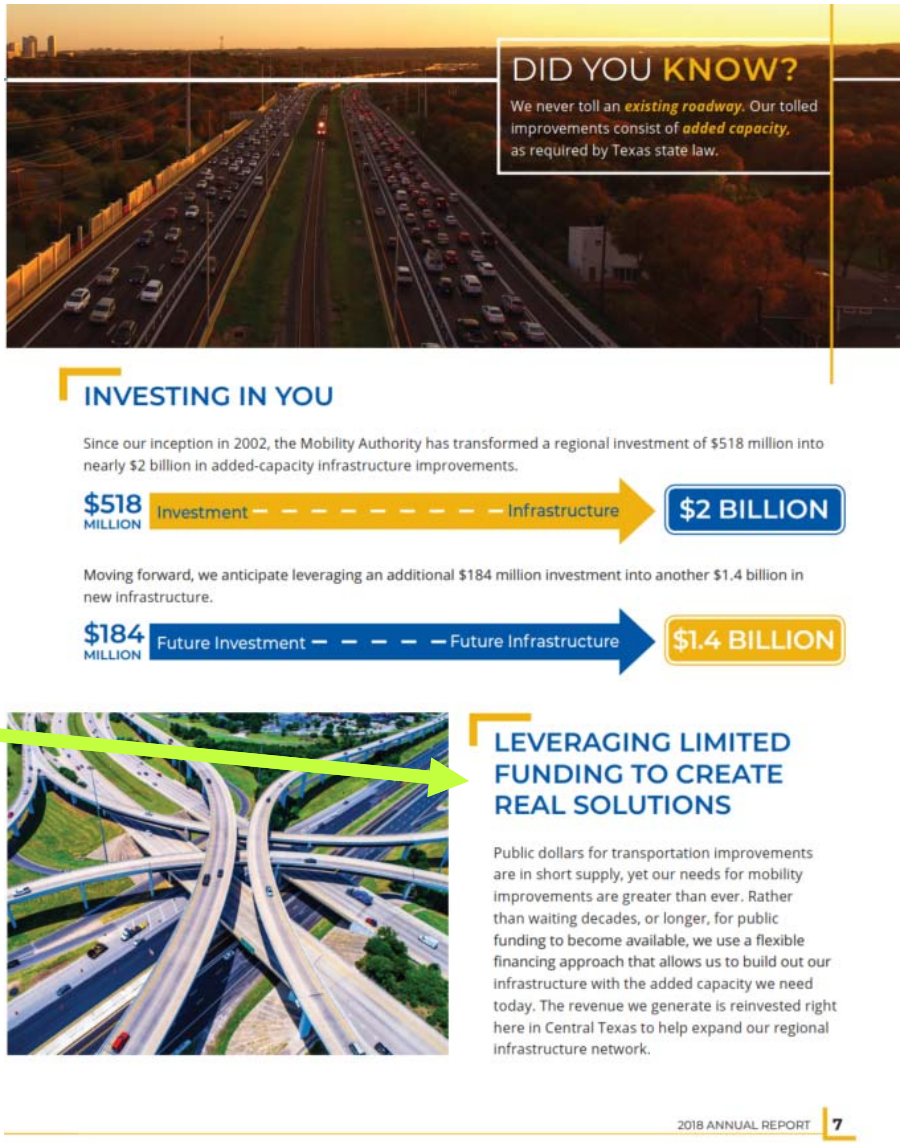
Strategic Plan Alignment

- Demonstrate how we **meet the vision of our Strategic Plan**

Funding Approaches

- **Drilling down into transportation funding** challenges and opportunities

LEVERAGING LIMITED FUNDING TO CREATE REAL SOLUTIONS



Driving the economy

171%

From 2007 to 2018, property values along the 183A corridor increased by over $1.2 billion, a 171 percent growth.

Austin Community College - San Gabriel Campus opened in 2018 just west of 183A in Leander.

St. David's Emergency Center in Leander opened in 2018 on 183A.

#7

Realtor.com ranked the city of Manor the #7 fastest-growing zip code in the U.S. in 2018.

3x

As a traffic generator for 290 Toll, the city of Elgin's population is expected to triple in the next 10 years.

Austin-Bergstrom International Airport (ABIA) is seeing significant growth with a $350 million terminal expansion project to add nine more gates. The expansion project will increase the airport's capacity from 11 million to 15 million passengers annually. A multi-billion dollar expansion is planned to begin operation by 2040.

Grocer H-E-B purchased 17.2 acres near ABIA on the 71 Toll Lane corridor. There are currently no major grocery stores in the area.

Project Tour

MAKING OUR OWN LANE

We're picking up speed as we drive towards the finish line on our projects under construction.

PROJECT TOUR:
UNDER CONSTRUCTION



PAVING A NEW WAY FOR REGIONAL COMMUTERS

IMPROVEMENTS TAKE SHAPE IN THE REGION



MoPac Express Lane Performance



LIFE IN THE FAST LANE

With average speeds generally above 50 miles per hour, drivers choosing the Express Lane during morning and afternoon rush hours...

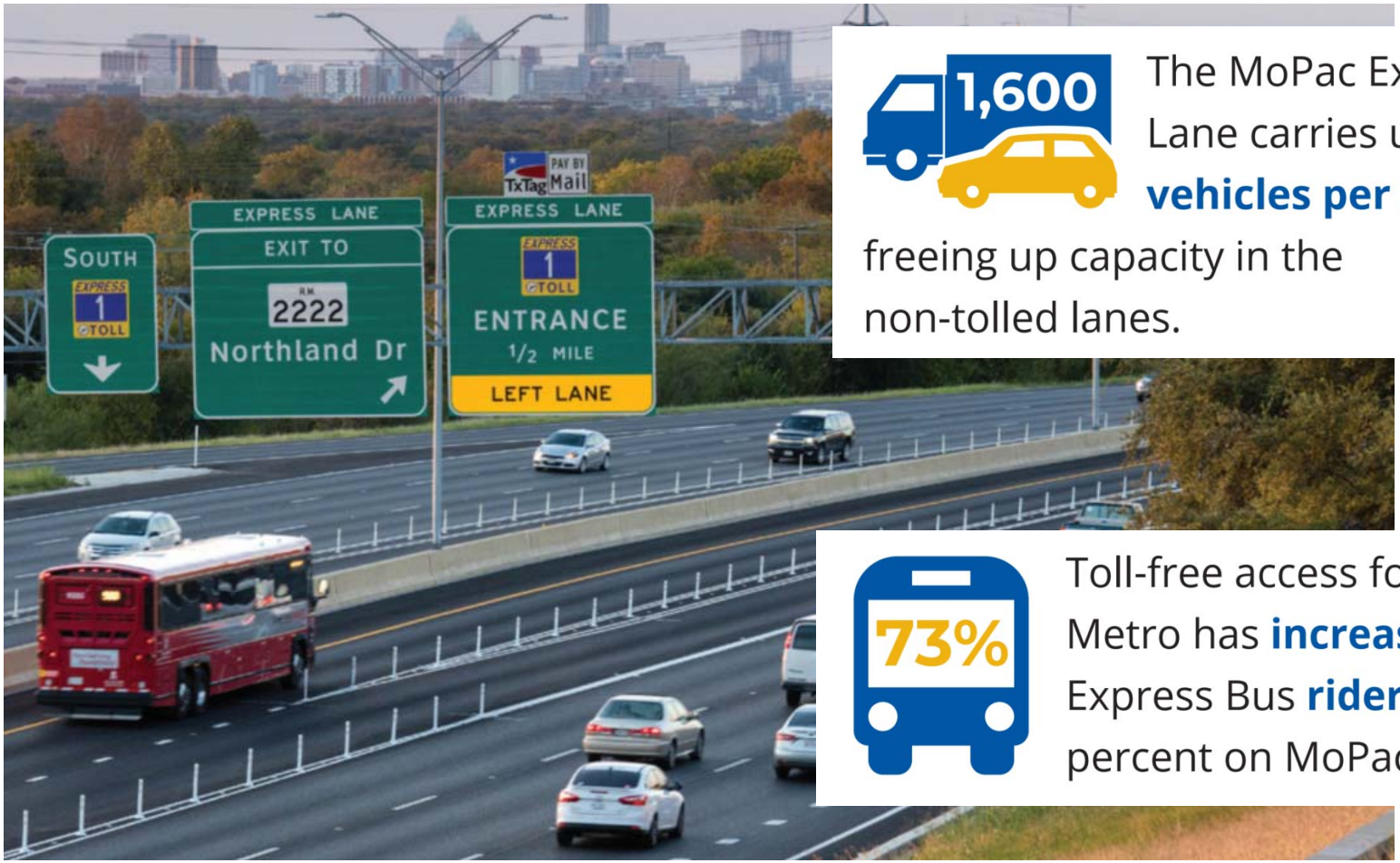


move up to **21 miles per hour** faster



save up to **25 minutes** in travel time

MoPac Express Lane Performance



1,600

The MoPac Express Lane carries up to **1,600 vehicles per hour,** freeing up capacity in the non-tolled lanes.

73%

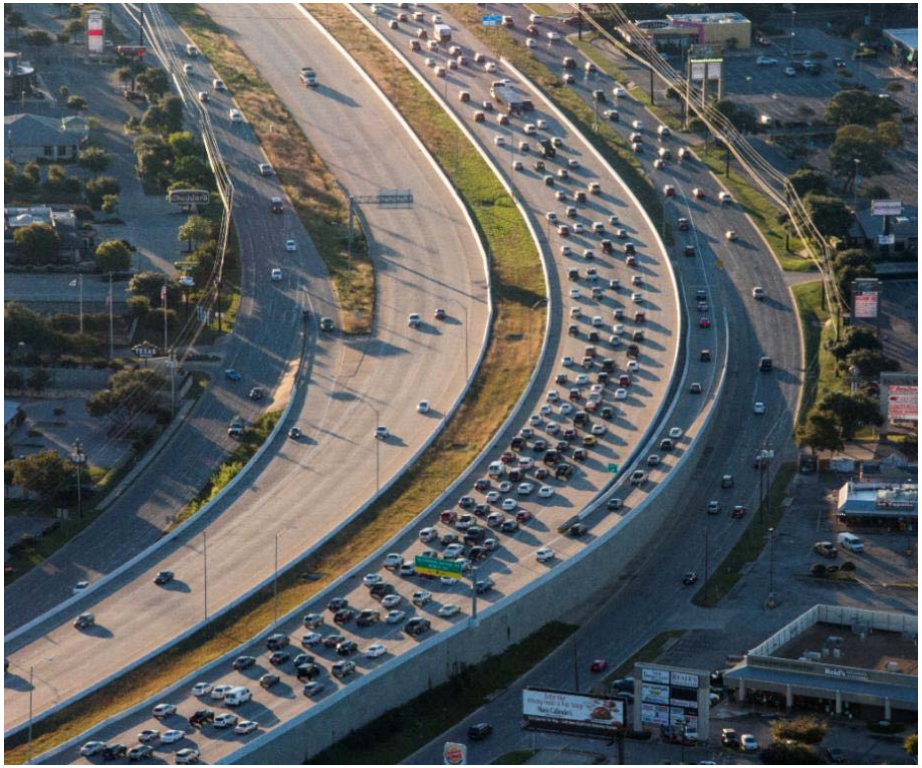
Toll-free access for Capital Metro has **increased** Express Bus **ridership** by 73 percent on MoPac.

MOVING ON UP

The 183 North Express Lanes

- Final design **of two new express lanes and a fourth general-purpose lane in each direction along US 183** from MoPac north to SH 45N

- Bringing **reliable travel** to Williamson County and northern Travis County



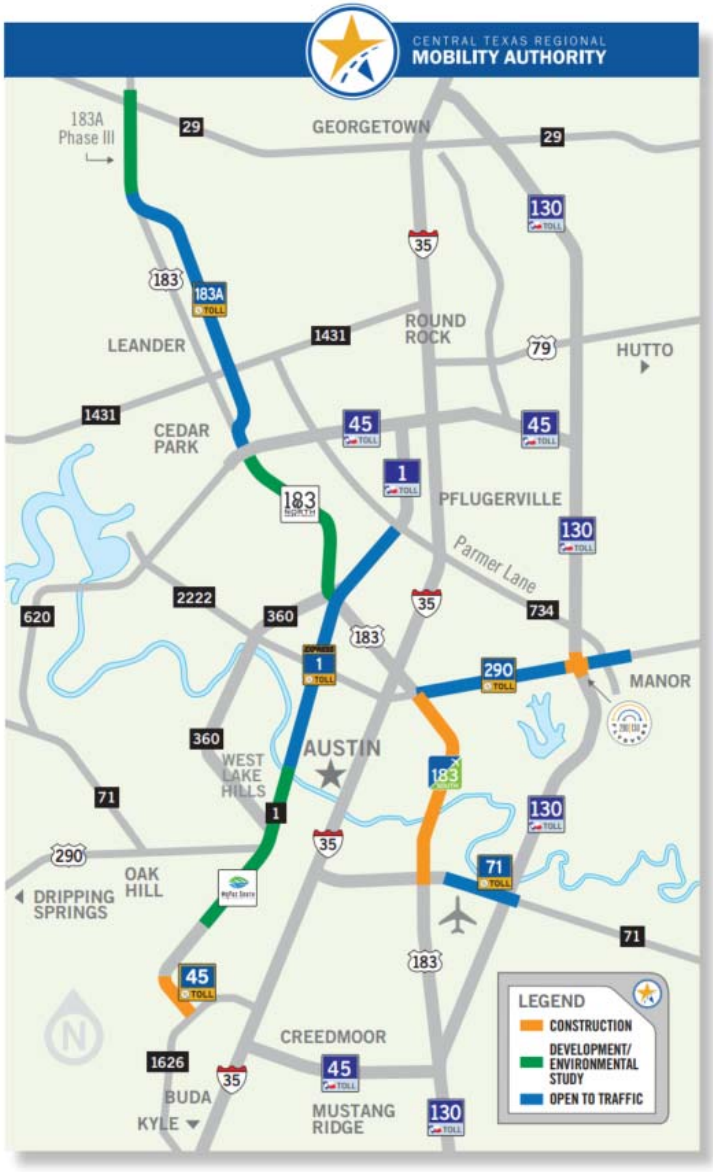
2018 Financial Statements

- The Mobility Authority's current total assets grew to nearly ***$2.168 Billion***
- The Mobility Authority experienced nearly 20 percent growth in operating revenues year over year
- The strength of the Mobility Authority's financials and road performance earned rating agency senior debt upgrades by Moody's and S&P.
- Current Moody's ratings are Baa1 for senior lien bonds and Baa2 for subordinate lien bonds. Current S&P ratings are A- for senior lien and subordinate lien revenue bonds.



WHAT DRIVES *YOU,*

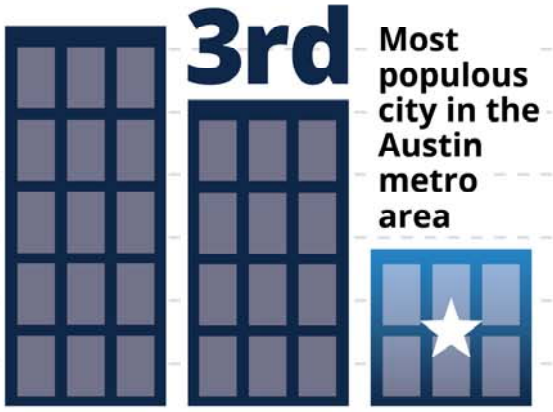
DRIVES *US.*



HD4

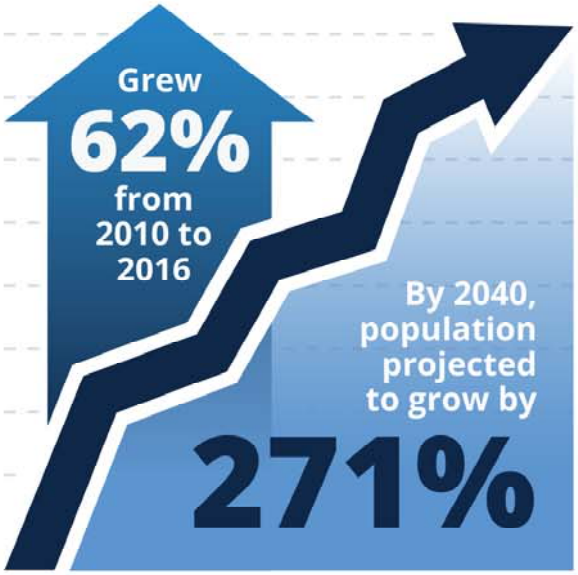
Williamson County Community Growth

CEDAR PARK



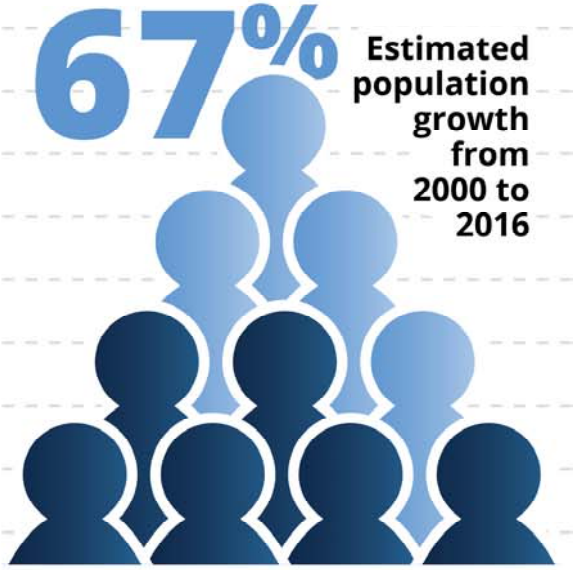
Source: US Census Bureau

LEANDER



Source: US Census Bureau, Texas Water Development Board

LIBERTY HILL



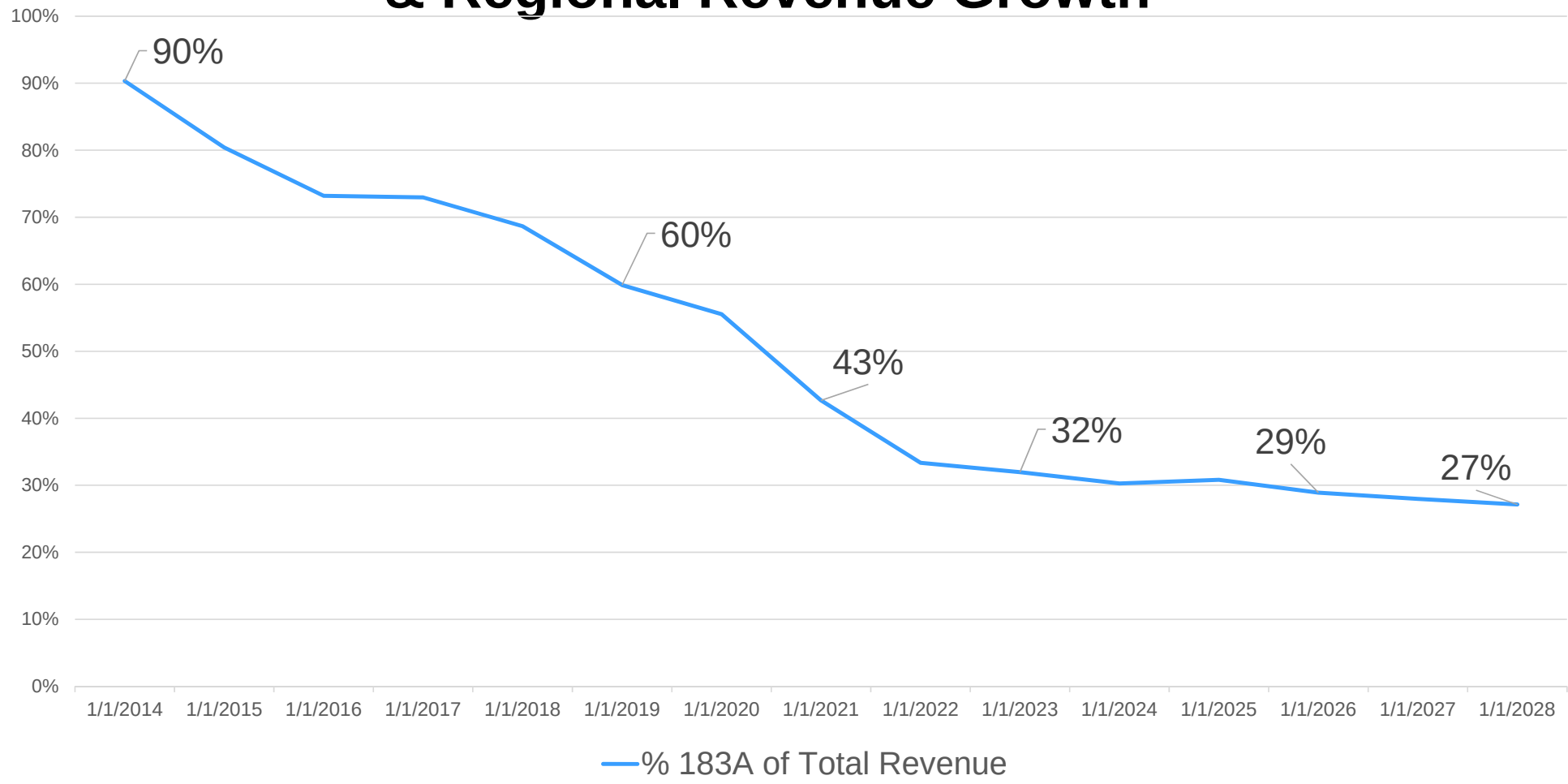
Source: City of Liberty Hill

Slide 15

HD4 This slide is intended to be a lead in for both presentations. It is shown in both presentations for now for context, but should not be included in both when the presentations are compiled

Huter, David, 4/4/2019

CTRMA Revenue - % from 183A Phase I & II & Regional Revenue Growth



183A Park Street ML Plaza – SB AM Peak

Major Origins

ORIGINS	
Municipality	**Percentage**
Leander	54%
Cedar Park	18%
Liberty Hill	9%
Georgetown	4%
Round Rock	3%
Out of State	2%
Other	10%
Total	100%

Major Destinations

DESTINATIONS	
Municipality	**Percentage**
Austin	78%
Cedar Park	7%
Round Rock	6%
Pflugerville	3%
Hutto	1%
Other	5%
Total	100%

Note: Municipal boundaries don't always align with US Census Block Groups.

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183A Park Street ML Plaza – NB PM Peak

Major Origins

ORIGINS	
Municipality	**Percentage**
Austin	78%
Cedar Park	9%
Round Rock	6%
Pflugerville	2%
Other	5%
Total	100%

Major Destinations

DESTINATIONS	
Municipality	**Percentage**
Leander	40%
Cedar Park	35%
Liberty Hill	6%
Georgetown	3%
Round Rock	3%
Out of State	2%
Other	11%
Total	100%

Note: Municipal boundaries don't always align with US Census Block Groups.

18

MoPac North of Parmer – SB AM Peak

Major Origins

ORIGINS		
Municipality	Percentage	
	to Mainline	to Frontage Rd
Round Rock	38%	25%
Austin	26%	40%
Pflugerville	16%	17%
Georgetown	6%	3%
Hutto	5%	6%
Cedar Park	3%	4%
Leander	1%	3%
Taylor	1%	1%
Other	4%	1%
Total	100%	100%

Major Destinations

DESTINATIONS		
Municipality	Percentage	
	from Mainline	from Frontage Rd
Austin	98%	97%
Round Rock	0%	1%
Other	2%	2%
Total	100%	100%

Note: Municipal boundaries don't always align with zip code boundaries.

MoPac North of Parmer – NB PM Peak

Major Origins

ORIGINS		
Municipality	Percentage	
	to Mainline	to Frontage Rd
Austin	97%	97%
Round Rock	1%	1%
Other	2%	2%
Total	100%	100%

Major Destinations

DESTINATIONS		
Municipality	Percentage	
	from Mainline	from Frontage Rd
Round Rock	42%	26%
Austin	22%	43%
Pflugerville	11%	18%
Georgetown	6%	3%
Cedar Park	6%	3%
Hutto	5%	3%
Leander	2%	1%
Other	6%	3%
Total	100%	100%

Note: Municipal boundaries don't always align with US Census Block Groups.

20

MoPac North of Enfield – SB AM Peak

Major Origins

ORIGINS	
Municipality	**Percentage**
Austin	67%
Round Rock	11%
Cedar Park	8%
Leander	5%
Pflugerville	4%
Georgetown	2%
Hutto	1%
Other	2%
Total	100%

Major Destinations

DESTINATIONS	
Municipality	**Percentage**
Austin	95%
Dripping Springs	1%
San Antonio	1%
Buda	1%
Other	2%
Total	100%

Note: Municipal boundaries don't always align with zip code boundaries.

MoPac North of Enfield – NB PM Peak

Major Destinations

ORIGINS	
Municipality	**Percentage**
Austin	93%
Dripping Springs	1%
San Marcos	1%
San Antonio	1%
Buda	1%
Kyle	1%
Other	2%
Total	100%

DESTINATIONS	
Municipality	**Percentage**
Austin	71%
Round Rock	10%
Cedar Park	7%
Pflugerville	4%
Leander	3%
Georgetown	2%
Other	3%
Total	100%

Note: Municipal boundaries don't always align with US Census Block Groups.

22



Projects on the Horizon

Returning to 183A

- Forging ahead on **extending 183A north** to SH 29

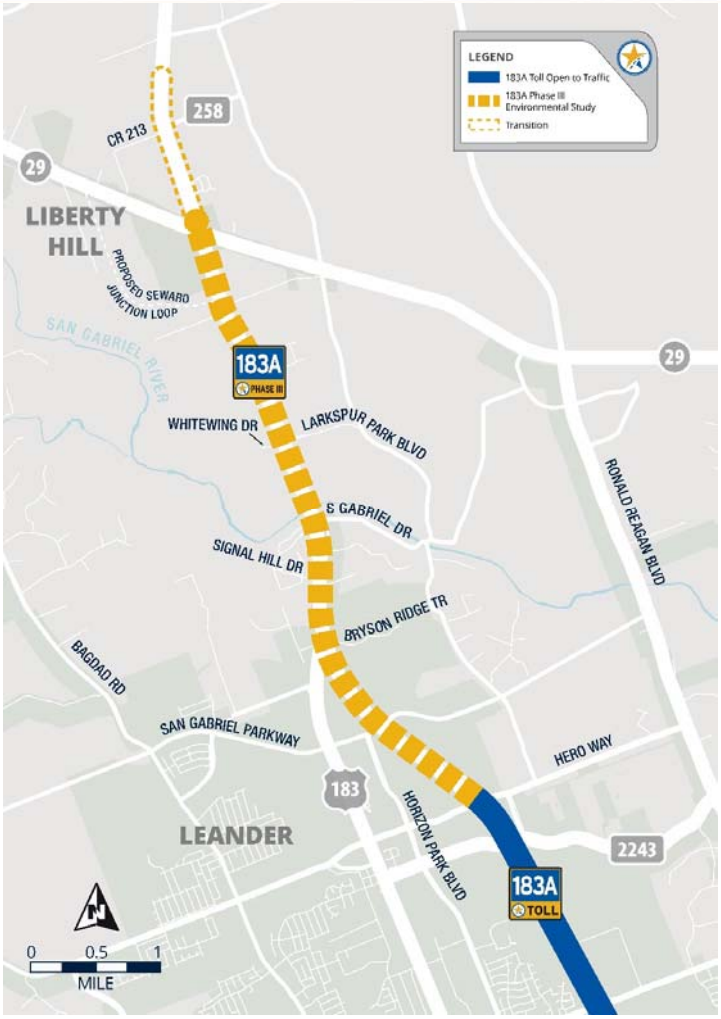
> Williamson County residents enjoy a **high quality of life.** I am committed to working with regional partners like the Mobility Authority on projects that preserve that standard. The **northern extension of 183A** is just that kind of project and I look forward to my constituents having **another option to help keep them moving.**
>
> *Cynthia Long,*
> *Williamson County Commissioner, Precinct Two*



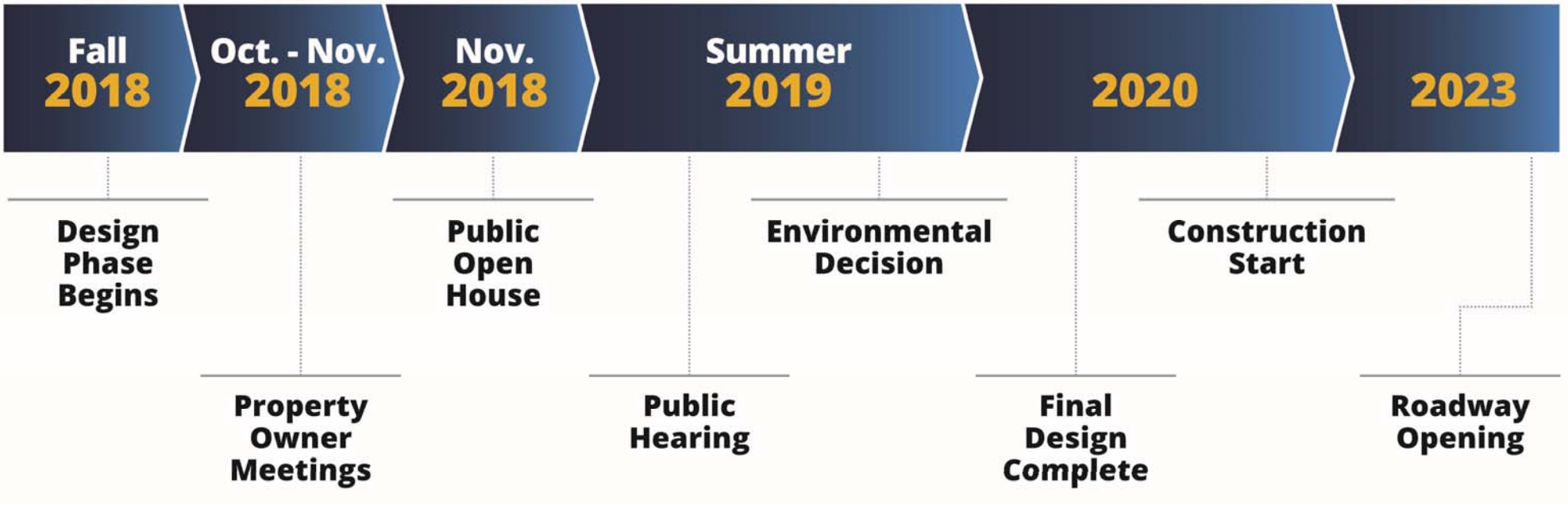
183A Phase III Project Description

183A Phase III Project

- **Approx 6.6 miles** on 183A / US 183 from Hero Way to north of SH 29
- Ultimate configuration add three lanes in each direction, **Construct two lanes in each direction now and plan for expansion in the future**
- **Shared use path** to extend north from Hero Way to proposed Seward Junction Loop (South) Project



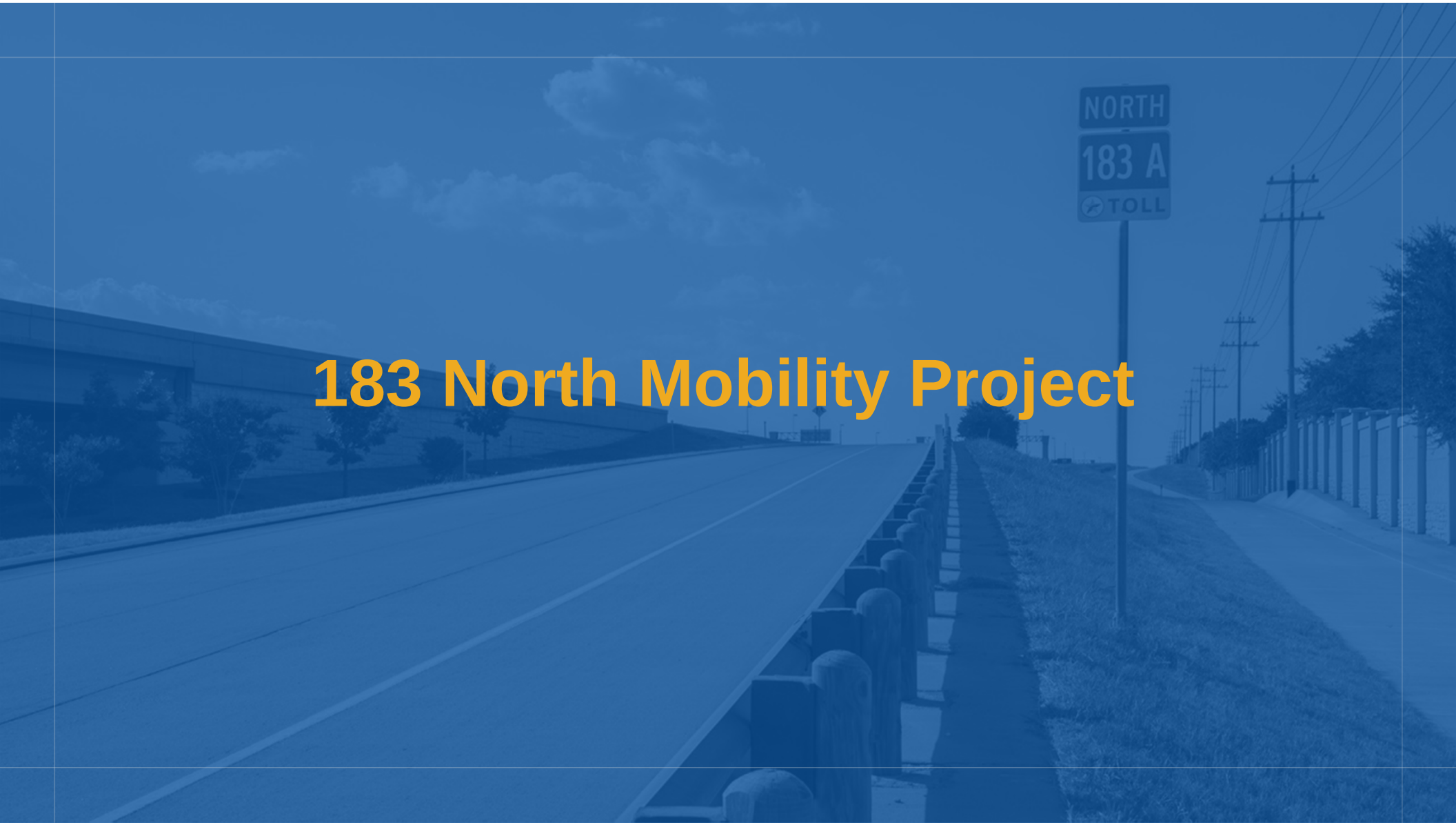
183A Phase III Schedule



*All dates subject to change

183A Phase III Next Steps

Public Hearing:	**Mid 2019**
Environmental Finding:	**Mid 2019**
Final Design Complete:	**Early 2020**
Construction Contractor Selected:	**Mid 2020**
Begin Construction:	**Late 2020**
Roadway Opens:	**Late 2023**

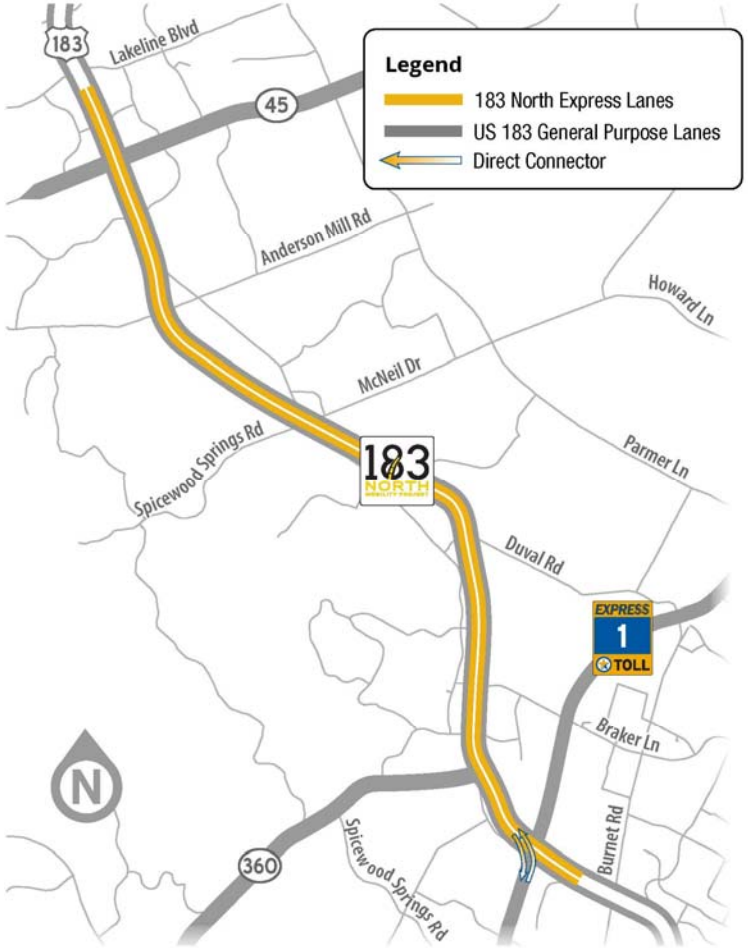


183 North Mobility Project

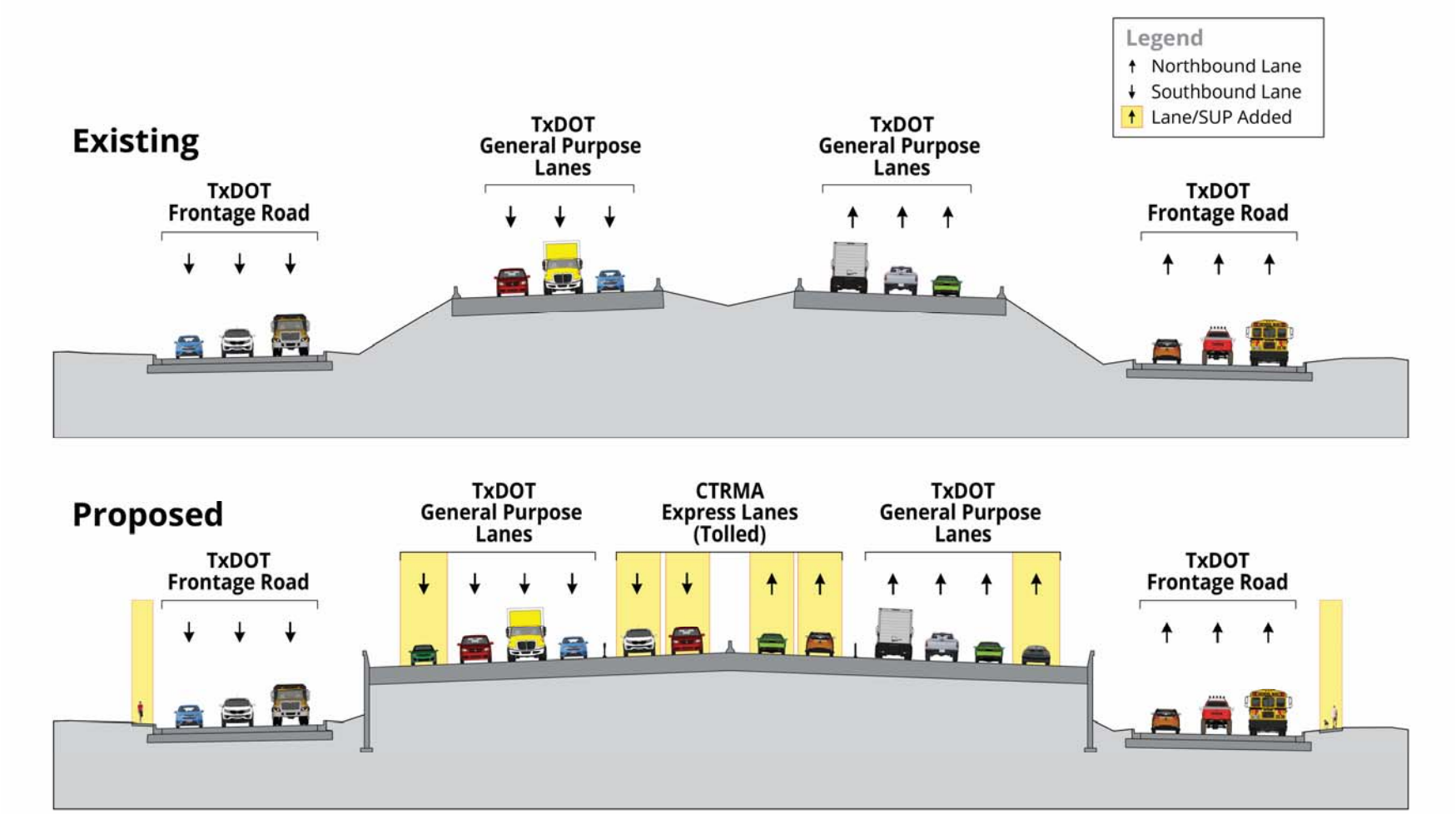
183 North Project Description

183 North Mobility Project

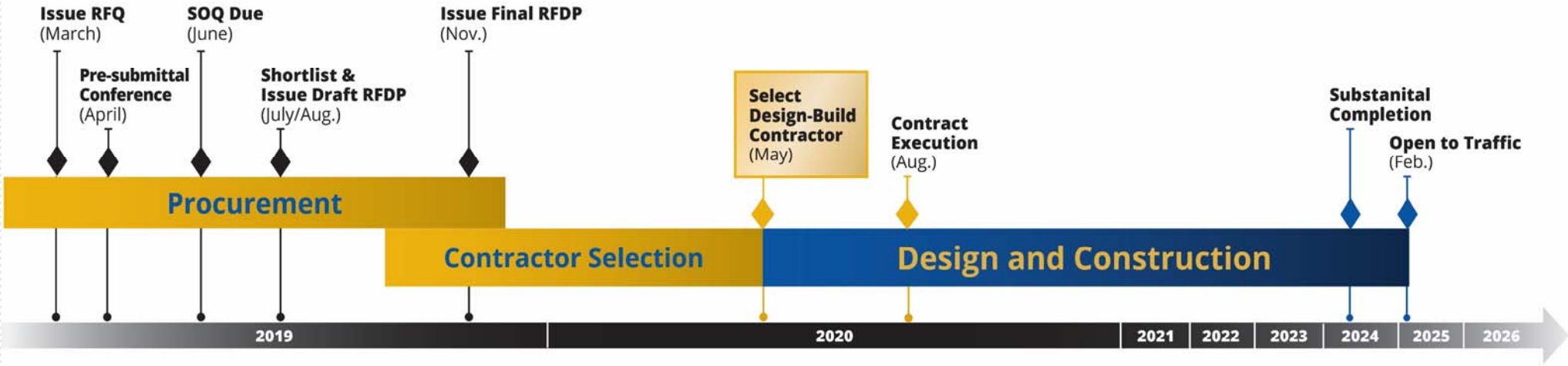
- **Approx. 9-miles** on US 183 from SH45 to MoPac/Loop1
- Add **two express lanes** in each direction
- Widen to **four non-tolled lanes** in each direction
- Additional **operational improvements south along MoPac** including a direct connector
- Bike and pedestrian facilities



183 North Typical Section



183 North Project Timeline



RFQ: Request for Qualifications **RFDP:** Request for Detailed Proposal **SOQ:** Statement of Qualifications **POS:** Preliminary Official Statement

CENTRAL TEXAS REGIONAL
MOBILITY AUTHORITY

Thank You

www.MobilityAuthority.com



Commissioners Court - Regular Session **29.**

Meeting Date: 04/23/2019

Million Mile Month Update

Submitted For: Bill Gravell **Submitted By:** Andrea Schiele, County Judge

Department: County Judge

Agenda Category: Regular Agenda Items

Information

Agenda Item

Hear an update on Williamson County's Million Mile Month efforts and progress.

Background

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

No file(s) attached.

Form Review

Form Started By: Andrea Schiele Started On: 04/18/2019 03:34 PM

Final Approval Date: 04/18/2019

Commissioners Court - Regular Session **30.**

Meeting Date: 04/23/2019

Toughbooks for the Sheriff's Office

Submitted For: Randy Barker **Submitted By:** Erica Smith, Purchasing

Department: Purchasing

Agenda Category: Regular Agenda Items

Information

Agenda Item

Discuss, consider and take appropriate action on approving the purchase of fifty-one (51) toughbooks from GTS Technologies in the amount of $217,580.56 pursuant to DIR Contract #DIR-TSO-4025, to support the operations of the Williamson County Sheriff's Office.

Background

This purchase replaces toughbooks on the replacement list. This expenditure will be charged to 01.0100.0560.005740. Funding was approved in the FY 2019 budget. Department contact is Chief Tim Ryle.

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

Quote

Form Review

Inbox	Reviewed By	Date
Purchasing (Originator)	Randy Barker	04/17/2019 02:56 PM
County Judge Exec Asst.	Andrea Schiele	04/17/2019 03:12 PM
Form Started By: Erica Smith		Started On: 04/11/2019 02:11 PM
Final Approval Date: 04/17/2019		

GTS TECHNOLOGY SOLUTIONS

Quote

GTS Technology Solutions, Inc.
9211 Waterford Centre Blvd
Suite 125
Austin, TX, 78758
Phone: (512) 452-0651

Quote #:	**QT0039239**
Date:	4/8/2019
Delivery Date:	
Expire Date:	3/15/2019
Customer ID:	TXWLCO13004
Sales Contact:	Jeremy Kling

QUOTE FOR:	SHIP TO:
Williamson County	Williamson County

CUSTOMER P.O. NO.	TERMS	SALES REP
	Net 30 Days	Jordan Hector

SHIPPING TERMS	SHIP VIA

NO.	ITEM	CONTRACT	QTY.	UOM	PRICE	EXTENDED PRICE
1	CF-33AL-00VM: PANASONIC CF-33 TOUGHBOOK NOTE: WIN10 PRO, INTEL CORE I5-7300U 2.60GHZ, VPRO, 12.0"" QHD GLOVED MULTI TOUCH+DIGITIZER, 16GB, 256GB SSD, INTEL WIFI A/B/G/N/AC, TPM 2.0, BLUETOOTH, DUAL PASS (UPPER:WWAN/LOWER:WWAN-GPS), 4G LTE MULTI CARRIER (EM7455), HELLO WEBCAM, 8MP CAM, CONTACTLESS SMARTCARD, 2D BAR LASER (N6603), No Energy Star / EPEAT, Toughbook Preferred, BUNDLE, FIXED PREMIUM KEYBOARD WITH LOCKING SCREW, CF- SVCPDEP3Y - TOUGHBOOK <(>&<)> TOUGHPAD PREMIER DEPLOYMENT - INCLUDES IMAGING, CUSTOMER PORTAL ACCESS, MULTILOCATION SHIPPING AND DISK IMAGE MANAGEMENT AT THE PANASONIC NATIONAL SERVICE CENTER (YEARS 1,2,3), FZ-SVCTPNF3YR - PROTECTION PLUS WARRANTY - TABLET PC (YEARS 1, 2 <(>&<)> 3), FZ-SVC256SSD3Y - 256GB SSD - TOUGHPAD NO RETURN OF DEFECTIVE DRIVE (YEARS 1,2 <(>&<)> 3), CF- SVCFES200 - FIELD ENGINEERING SUPPORT	DIR-TSO-4025	51.00	EACH	$3,852.13	$196,458.63
2	CF-SVCPSY4: PANASONIC : 4th year Public Safety Service Bundle Add on (Year 4 only). Must be purchased in conjunction with PS bundle base unit. Includes Premier, P	DIR-TSO-4025	51.00	EACH	$323.58	$16,502.58
3	H-33-LVD0-LND: PANASONIC : Havis laptop 2-in-1 vehicle dock(no pass) with LIND power supply. USB2.0(4), USB3.0(2), Serial, Ethernet(2), HDMI, VGA, Docking Connector, Power,Release Lever, Lock(Keyed alike) Features 2 front USB ports for easy access. Requires Premium KBD. NOTE:	DIR-TSO-4025	5.00	EACH	$923.87	$4,619.35

For questions regarding this quote, please contact Jeremy Kling at 512-681-6257.This quote is valid for 30 days unless otherwise noted.

Total Weight (EACH):	0	**Sales Total:**	$217,580.56
Total Volume (EACH):	0	**Freight & Misc.:**	$0.00
		Tax Total:	$0.00
		Total (USD):	$217,580.56

These prices do NOT include taxes, insurance, shipping, delivery, setup fees, or any cables or cabling services or material unless specifically listed above. All prices are subject to change without notice. Supply subject to availability.

Commissioners Court - Regular Session **31.**

Meeting Date: 04/23/2019

CDBG Five Year Priorities

Submitted By: Sally Bardwell, HUD Grants

Department: HUD Grants

Agenda Category: Regular Agenda Items

Information

Agenda Item

Discuss and take appropriate action on the proposed Community Development Block Grant program priorities for FY2019-2023.

Background

These priorities will be used in the selection of projects to be funded by CDBG over the next five years. The priorities were determined by using input collected during public and stakeholder meetings and surveys on the County's current needs and potential future needs. The priorities are devised to allow the County the opportunity to fund a variety of projects over the next five years.

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

2019-2023 Funding Priorities

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Andrea Schiele	04/17/2019 02:32 PM
Form Started By: Sally Bardwell		Started On: 04/16/2019 12:19 PM
Final Approval Date: 04/17/2019		

Williamson County Funding Priorities for 2019-2023

Public Facility and Infrastructure Improvements

- Fund non-housing community development proposals that eliminate a threat to public health and safety to include water/sewer projects, drainage projects, sidewalks, and street improvements.
- Fund public facility improvements that benefit low income households and persons, and persons with special needs to include senior centers, neighborhood facilities, youth centers, homeless facilities, childcare centers, parks and recreational facilities.

Increase Access to Affordable Housing

- Fund activities that expand the supply and improve the condition of housing affordable to lower income households.
- Fund activities that leverage other public and private resources such as Low Income Housing Tax Credit (LIHTC) projects.
- Extend the useful life of existing affordable housing through weatherization, repair, and rehabilitation programs.

Decrease Homelessness

- Provide funds to support shelter operations and transitional housing.
- Provide funding to increase permanent supportive housing opportunities and work to create a stronger network of providers of supportive and mainstream services to homeless clients.

Public Services

- Fund projects that provide supportive services to low- and moderate-income household as well as persons with special needs.
- Support efforts to develop a regional social service collaborative to coordinate the work of social service organizations, disseminate information, and eliminate duplication of effort.

Affirmatively Further Fair Housing

- Support improved access to community resources.
- Continue to operate in compliance with protected class definitions found in federal regulations.

1	Priority Need Name	INCREASE ACCESS TO AFFORDABLE HOUSING
	Priority Level	High
	Population	Extremely Low Income Low Income Moderate Income Large Families Families with Children Elderly Families Public Housing Residents Elderly Frail Elderly Persons with Mental Disabilities Persons with Physical Disabilities Persons with Developmental Disabilities Persons with Alcohol or Other Addictions Persons with HIV/AIDS and their Families Victims of Domestic Violence
	Geographic Areas Affected	Countywide CDBG Eligible
	Associated Goals	Housing rehabilitation Homeownership assistance Affordable rental housing
	Description	Provide assistance to homeowners and renters to increase access to affordable housing and to extend the life of existing units.
	Basis for Relative Priority	High housing costs reduce economic opportunities and access to prosperity.
2	Priority Need Name	DECREASE HOMELESSNESS
	Priority Level	High
	Population	Families with Children Elderly Families Elderly Frail Elderly Persons with Mental Disabilities Persons with Physical Disabilities Persons with Developmental Disabilities Persons with Alcohol or Other Addictions Persons with HIV/AIDS and their Families Victims of Domestic Violence
	Geographic Areas Affected	Countywide
	Associated Goals	Provide housing/services to the homeless/at risk of homelessness
	Description	Provide support for facilities and services that are targeted at those experiencing homelessness and/or at risk of homelessness
	Basis for Relative Priority	Homelessness has been increasing and there is a need to provide shelter and support for persons experiencing homelessness or who are at risk of becoming homeless. This includes persons who are living in cars, doubled up or couch surfing. Support could come in the form of emergency shelters, transitional housing, permanent supportive housing and services related to health and mental health, substance abuse issues, etc.

3	Priority Need Name	PUBLIC FACILITIES AND INFRASTRUCTURE IMPROVEMENTS
	Priority Level	High
	Population	Extremely Low Income Low Income Moderate Income Non-housing Community Development
	Geographic Areas Affected	CDBG Eligible Countywide
	Associated Goals	Improve public infrastructure Improve public facilities
	Description	Improvements to public facilities and infrastructure and facilities that deliver public services. Infrastructure improvements include: solid waste disposal, flood drains, water/sewer, streets, sidewalks, neighborhood facilities, and parks and recreational facilities. Examples of public facilities include those that serve youth/children, abused and neglected children, seniors, persons with disabilities and other vulnerable populations.
	Basis for Relative Priority	There is a need to make improvements, particularly in low- and moderate-income areas in which the local jurisdictions are less able to leverage resources or attract investments that are necessary to improve the quality of life. There is a significant need for water resources, wastewater and improved drainage throughout the county.
4	Priority Need Name	PUBLIC SERVICES
	Priority Level	High
	Population	Extremely Low Income Low Income Moderate Income Non-homeless special needs Persons with disabilities Victims of domestic violence Homeless Families with children Non-housing Community Development
	Geographic Areas Affected	Countywide
	Associated Goals	Provide public services
	Description	Delivery of public services for seniors, persons with disabilities, youth, victims of domestic violence, abused and neglected children as well as childcare services, health and mental health services, transportation, non-homeless special needs and employment training.
	Basis for Relative Priority	A variety of public services are needed including services for seniors, youth and children, those needing mental health services, health services, services for persons with disabilities, services for victims of domestic violence and non-homeless special needs. Public transportation is a significant need to enable individuals to access services.
5	Priority Need Name	AFFIRMATIVELY FURTHER FAIR HOUSING CHOICE
	Priority Level	High
	Population	Extremely Low Income Low Income Moderate Income Families with Children Elderly Families

		Elderly Frail Elderly Persons with Mental Disabilities Persons with Physical Disabilities Persons with Developmental Disabilities Persons with Alcohol or Other Addictions Persons with HIV/AIDS and their Families Victims of Domestic Violence
	Geographic Areas Affected	Countywide
	Associated Goals	Fair housing activities
	Description	Provide education and outreach to the community regarding fair housing laws
	Basis for Relative Priority	There is the continued need for education and outreach for the general public, those in the real estate industry, landlords and property managers regarding fair housing laws.
6	Priority Need Name	PLANNING AND ADMINISTRATION
	Priority Level	High
	Population	Extremely Low Income Low Income Moderate Income
	Geographic Areas Affected	Countywide
	Associated Goals	Planning and administration
	Description	Administrative and planning costs to operate the CDBG program successfully.
	Basis for Relative Priority	Effective and efficient implementation of CDBG funding requires adequate resources for program planning and administration.

Commissioners Court - Regular Session **32.**

Meeting Date: 04/23/2019

CDBG Application 2019

Submitted By: Sally Bardwell, HUD Grants

Department: HUD Grants

Agenda Category: Regular Agenda Items

Information

Agenda Item

Consider approving request to issue a call for projects that will utilized Community Development Block Grant funds for the FY19 funding cycle.

Background

This action is to allow participating cities, non-profits and other entities to apply for Williamson County CDBG funds. The FY19 CDBG allocation is $1,467,836. CDBG funds will be made available to approved projects on or around October 1, 2019. Projects will be selected using the previously approved 2019-2023 priorities.

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

Program Guidelines

App Instructions

App

Social Service App Instructions

Social Service App

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Andrea Schiele	04/17/2019 02:35 PM
Form Started By: Sally Bardwell		Started On: 04/16/2019 12:46 PM
Final Approval Date: 04/17/2019		

WILLIAMSON COUNTY
COMMUNITY DEVELOPMENT BLOCK GRANT (CDBG)
PROGRAM GUIDELINES and PRIORITIES

FUNDING FOR FY2019 (OCT. 1, 2019 – SEPT. 30, 2020)

Williamson County was awarded Entitlement County status by the U.S. Department of Housing and Urban Development (HUD) in August 2003. The County applied for and received funding through the Community Development Block Grant (CDBG) program. Funds are intended to primarily benefit low- to moderate-income persons in Williamson County. This area is comprised of the unincorporated area of the County and the incorporated cities that have joined the urban County designation. These cities include Cedar Park, Coupland, Georgetown, Granger, Hutto, Jarrell, Leander, Liberty Hill, Taylor, and Weir.

The following information is designed to provide you with a better understanding of activities which can be funded through the Williamson County CDBG program.

Please contact Sally Bardwell, Williamson County Community Development Administrator, for assistance.
512-943-3757
sbardwell@wilco.org

Applications are due by 5pm on May 22, 2019.

ELIGIBILITY REQUIREMENTS

PROJECTS MUST BE DESIGNED TO MEET AT LEAST ONE OF THE FOLLOWING NATIONAL OBJECTIVES:

- Benefit low to moderate income persons (see income guidelines below) or areas. Abused children, elderly persons, battered spouses, homeless persons, adults meeting Bureau of Census' definition of severely disabled persons, illiterate adults, persons living with AIDS, and migrant farm workers qualify as Limited Clientele.
- Eliminate slums and/or blight.
- Meet an urgent community development need as in disaster relief.

FUNDING PRIORITIES AND GUIDELINES

- High priorities are those activities that will be considered for funding with CDBG funding during the five-year consolidated plan period of 2019 through 2023 prior to low priority projects.
- Low priorities are those activities that will be considered for funding with CDBG funding during the five-year consolidated plan period of 2019 through 2023 following the consideration of high priorities.
- The County will consider providing certification of consistency and supporting applications submitted by other entities for non-County funds for projects not funded with CDBG funding during the five-year consolidated plan period of 2019 through 2023.

Williamson County Funding Priorities for 2019-2023
Public Facility and Infrastructure Improvements

- Fund non-housing community development proposals that eliminate a threat to public health and safety to include water/sewer projects, drainage projects, sidewalks, and street improvements.
- Fund public facility improvements that benefit low income households and persons, and persons with special needs to include senior centers, neighborhood facilities, youth centers, homeless facilities, childcare centers, parks and recreational facilities.

Increase Access to Affordable Housing

- Fund activities that expand the supply and improve the condition of housing affordable to lower income households.
- Fund activities that leverage other public and private resources such as Low Income Housing Tax Credit (LIHTC) projects.
- Extend the useful life of existing affordable housing through weatherization, repair, and rehabilitation programs.

Decrease Homelessness

- Provide funds to support shelter operations and transitional housing.
- Provide funding to increase permanent supportive housing opportunities and work to create a stronger network of providers of supportive and mainstream services to homeless clients.

Public Services

- Fund projects that provide supportive services to low- and moderate-income household as well as persons with special needs.
- Support efforts to develop a regional social service collaborative to coordinate the work of social service organizations, disseminate information, and eliminate duplication of effort.

Affirmatively Further Fair Housing

- Support improved access to community resources.
- Continue to operate in compliance with protected class definitions found in federal regulations.

Williamson County
710 Main Street
Georgetown, TX 78626
(512) 943-3757

1	Priority Need Name	INCREASE ACCESS TO AFFORDABLE HOUSING
	Priority Level	High
	Population	Extremely Low Income Low Income Moderate Income Large Families Families with Children Elderly Families Public Housing Residents Elderly Frail Elderly Persons with Mental Disabilities Persons with Physical Disabilities Persons with Developmental Disabilities Persons with Alcohol or Other Addictions Persons with HIV/AIDS and their Families Victims of Domestic Violence
	Geographic Areas Affected	Countywide CDBG Eligible
	Associated Goals	Housing rehabilitation Homeownership assistance Affordable rental housing
	Description	Provide assistance to homeowners and renters to increase access to affordable housing and to extend the life of existing units.
	Basis for Relative Priority	High housing costs reduce economic opportunities and access to prosperity.
2	Priority Need Name	DECREASE HOMELESSNESS
	Priority Level	High
	Population	Families with Children Elderly Families Elderly Frail Elderly Persons with Mental Disabilities Persons with Physical Disabilities Persons with Developmental Disabilities Persons with Alcohol or Other Addictions Persons with HIV/AIDS and their Families Victims of Domestic Violence
	Geographic Areas Affected	Countywide
	Associated Goals	Provide housing/services to the homeless/at risk of homelessness
	Description	Provide support for facilities and services that are targeted at those experiencing homelessness and/or at risk of homelessness

	Basis for Relative Priority	Homelessness has been increasing and there is a need to provide shelter and support for persons experiencing homelessness or who are at risk of becoming homeless. This includes persons who are living in cars, doubled up or couch surfing. Support could come in the form of emergency shelters, transitional housing, permanent supportive housing and services related to health and mental health, substance abuse issues, etc.
3	Priority Need Name	PUBLIC FACILITIES AND INFRASTRUCTURE IMPROVEMENTS
	Priority Level	High
	Population	Extremely Low Income Low Income Moderate Income Non-housing Community Development
	Geographic Areas Affected	CDBG Eligible Countywide
	Associated Goals	Improve public infrastructure Improve public facilities
	Description	Improvements to public facilities and infrastructure and facilities that deliver public services. Infrastructure improvements include: solid waste disposal, flood drains, water/sewer, streets, sidewalks, neighborhood facilities, and parks and recreational facilities. Examples of public facilities include those that serve youth/children, abused and neglected children, seniors, persons with disabilities and other vulnerable populations.
	Basis for Relative Priority	There is a need to make improvements, particularly in low- and moderate-income areas in which the local jurisdictions are less able to leverage resources or attract investments that are necessary to improve the quality of life. There is a significant need for water resources, wastewater and improved drainage throughout the county.
4	Priority Need Name	PUBLIC SERVICES
	Priority Level	High
	Population	Extremely Low Income Low Income Moderate Income Non-homeless special needs Persons with disabilities Victims of domestic violence Homeless Families with children Non-housing Community Development
	Geographic Areas Affected	Countywide
	Associated Goals	Provide public services
	Description	Delivery of public services for seniors, persons with disabilities, youth, victims of domestic violence, abused and neglected children as well as childcare services, health and mental health services, transportation, non-homeless special needs

		and employment training.
	Basis for Relative Priority	A variety of public services are needed including services for seniors, youth and children, those needing mental health services, health services, services for persons with disabilities, services for victims of domestic violence and non-homeless special needs. Public transportation is a significant need to enable individuals to access services.
5	Priority Need Name	AFFIRMATIVELY FURTHER FAIR HOUSING CHOICE
	Priority Level	High
	Population	Extremely Low Income Low Income Moderate Income Families with Children Elderly Families Elderly Frail Elderly Persons with Mental Disabilities Persons with Physical Disabilities Persons with Developmental Disabilities Persons with Alcohol or Other Addictions Persons with HIV/AIDS and their Families Victims of Domestic Violence
	Geographic Areas Affected	Countywide
	Associated Goals	Fair housing activities
	Description	Provide education and outreach to the community regarding fair housing laws
	Basis for Relative Priority	There is the continued need for education and outreach for the general public, those in the real estate industry, landlords and property managers regarding fair housing laws.
6	Priority Need Name	PLANNING AND ADMINISTRATION
	Priority Level	High
	Population	Extremely Low Income Low Income Moderate Income
	Geographic Areas Affected	Countywide
	Associated Goals	Planning and administration
	Description	Administrative and planning costs to operate the CDBG program successfully.
	Basis for Relative Priority	Effective and efficient implementation of CDBG funding requires adequate resources for program planning and administration.

SELECTION GUIDELINES

1. The project must meet one or more of the three national objectives.
2. The project must be a Consolidated Plan Priority activity.
3. The project or segment of a phased project must be ready to begin when funds become available on or after October 1, 2019 and be completed within one year or a reasonable amount of time.
4. When required, leveraged funds must be available at start of project.
5. Documentation of income eligibility and other demographic information is required.
6. The project sponsor must be able to meet all Williamson County requirements for insurance coverage.

2018 Adjusted HOME Income Limits

Please use the latest available Adjusted HOME Income Limits found at
https://www.hudexchange.info/programs/home/home-income-limits/

Household Size	30% Limits	Very Low Income (50%)	60% Limits	Low Income (80%)
1 Person	$18,100	$30,100	$36,120	$48,200
2 Persons	$20,650	$34,400	$41,280	$55,050
3 Persons	$23,250	$38,700	$46,440	$61,950
4 Persons	$25,800	$43,000	$51,600	$68,880
5 Persons	$27,900	$46,450	$55,740	$74,350
6 Persons	$29,950	$49,900	$59,880	$79,850
7 Persons	$32,000	$53,350	$64,020	$85,350
8 Persons	$34,100	$56,800	$68,160	$90,850

Williamson County
710 Main Street
Georgetown, TX 78626
(512) 943-3757

WILLIAMSON COUNTY
COMMUNITY DEVELOPMENT BLOCK GRANT (CDBG)
APPLICATION INSTRUCTIONS

DO NOT USE THIS APPLICATION FOR SOCIAL SERVICE PROJECT FUNDING REQUESTS

FUNDING FOR FY2019 (OCT. 1, 2019 – SEPT. 30, 2020)

All projects awarded CDBG funds from Williamson County are subject to Federal Regulations governing such award. Construction contracts are also subject o labor regulations including but not limited to Davis-Bacon Regulations and will be required to submit wage information to the Williamson County CDBG office. Project monthly progress reports along with other reporting requirements will be the responsibility of the entity receiving CDBG funds from Williamson County. Failure to submit requested and required project documentation could delay payment or forfeit CDBG award.

This application was designed for your convenience. It can be completed in two ways.

- Using PDF. The application can be found at www.wilco.org. Open the document and fill in the appropriate information. Use the tab key to navigate through the application. Once the form is completed, print, obtain appropriate signatures and submit. (preferred method)
- Manually. Open the document and print it. Manually complete the form. Obtain appropriate signatures and submit.

Applications must be received by 5pm on Wednesday, May 22, 2019.
Please submit one original and four (4) copies.

Submit to:
Williamson County
Attn: Sally Bardwell, Community Development Administrator
710 Main Street
Georgetown, TX 78626

Applicant Organization Name & Contact Information

1. Complete information requested.

Project Information

1. Provide the Project Title.
2. Give specific type of project (use priority table to identify specific type of project)
3. Define the service area and/or project site and attach a map that identifies this information.
4. Check appropriate box.

Service Area

1. Provide a map which shows the project site and defines the service area.

Estimated Total Number of Low and Moderate Income Persons, Households or Limited Clientele

1. Provide the estimated number of low-mod income persons, households or limited clientele to be served

Funding

1. Determine the amount of CDBG funds requested. Use budget table on page three of the application to determine this figure.
2. Determine the amount of funds that will be obtained from other resources.
3. Total Cost

Community Need

1. Describe the need and current condition of the problem and how it relates to the needs/priorities identified for Williamson County (see FY 2019-2023 Consolidated Plan Priorities included in this packet).
2. Describe the method or solution proposed.
3. Describe how the solution will effectively address the problem.
4. Describe the anticipated results.
5. Describe any collaboration with other organizations, programs, or entities.
6. Give any additional information.

Operation and/or Maintenance

1. Generally describe the resources necessary for the project. Do NOT identify budget here.

Staff Costs

1. Identify staff costs for the project.

Project Budget Estimate

1. Complete cells with estimated funding amounts.
2. Complete Budget Narrative section.

Please note

- Funds obligated to the project will be tied to that obligation unless authorized to do otherwise.
- CDBG funds do not require leveraged funds.

To be submitted with completed application

1. Detailed timeline. Indicate start and end dates and major milestones expected throughout the project.
2. Map that shows project site and defines the service area.
3. Any additional information or documentation needed to fully explain the project.

Failure to submit requested documents or to provide adequate explanation may invalidate proposal.

Williamson County
710 Main Street
Georgetown, TX 78626
(512) 943-3757

WILLIAMSON COUNTY
FY 2018 COMMUNITY DEVELOPMENT BLOCK GRANT (CDBG) APPLICATION FORM

DO NOT USE THIS APPLICATION FOR SOCIAL SERVICE PROJECT FUNDING REQUESTS

FUNDING FOR FY2018 (OCT. 1, 2018 – SEPT. 30, 2019)

Applicant Organization Name & Contact Information

ORGANIZATION NAME	
NAME & TITLE OF CONTACT PERSON	
ADDRESS LINE 1	
ADDRESS LINE 2	
CITY	
STATE	
ZIP	
TELEPHONE NUMBER	
FAX NUMBER	
EMAIL ADDRESS	

Project Information

PROJECT TITLE			
PROJECT DESCRIPTION			
PROJECT LOCATION/ADDRESS (attach a map which shows the project site and defines the service area)			
WILL THE PROJECT BE READY TO BEGIN ON OR ABOUT OCTOBER 1, 2018?	YES ☐	NO ☐	
IS THE PROJECT PHASED?	YES ☐	NO ☐	If YES, please indicate the number of years:

Service Area

Reminder: **Attach a map(s) which shows the project site and defines the service area**

Estimated Number of Low and Moderate Income Persons, Households or Limited Clientele to be Served

	NUMBER OF PERSONS	NUMBER OF HOUSEHOLDS
LOW AND MODERATE INCOME PERSONS, HOUSEHOLDS OR LIMITED CLIENTELE TO BE SERVED BY PROJECT		

Funding

AMOUNT OF CDBG FUNDS REQUESTED	**$**
TOTAL FUNDS OBTAINED FROM OTHER RESOURCES	$
TOTAL COST OF PROJECT	$

Please Identify the Community Need:

Who is going to operate and maintain the facility or program and how will its operation be funded?

If the project requires staff, what are the staff costs?

CDBG PROJECT BUDGET ESTIMATE

BUDGET CATAGORIES	TOTAL PROJECT COST	CDBG FUNDING	SPONSOR FUNDING	CONTRIBUTIONS	STATE/CITY or FEDERAL FUNDING	OTHER FUNDING
Professional Services (Architectural/Engineering)						
Construction Services						
Property Acquisition						
Property Rehabilitation						
Equipment Acquisition						
Other (specify in budget narrative)						
TOTAL PROJECT						

Please note

- Funds obligated to the project will be tied to that obligation unless authorized to do otherwise.
- CDBG funds do not require leveraged funds.

BUDGET NARRATIVE
Please describe your project. For example: A 5,200 sq. ft. building with kitchen and two classrooms to be used as a day care center for sixty (60) children.

Authorization

Authorized Signature for Project | Title | Date

WILLIAMSON COUNTY
COMMUNITY DEVELOPMENT BLOCK GRANT (CDBG)
APPLICATION INSTRUCTIONS
SOCIAL SERVICE PROJECTS

FUNDING FOR FY2019 (OCT. 1, 2019 – SEPT. 30, 2020)

Please read the following Federal Regulation (CFR 570.201) before completing the application:

Basic Eligible Activities 570.201
(e) *Public services.* Provision of public services (including labor, supplies, and materials) including but not limited to those concerned with employment, crime prevention, child care, health, drug abuse, education, fair housing counseling, energy conservation, welfare (but excluding the provision of income payments identified under § 570.207(b)(4)), homebuyer down payment assistance, or recreational needs. **To be eligible for CDBG assistance, a public service must be either a new service or a quantifiable increase in the level of an existing service above that which has been provided by or on behalf of the unit of general local government (through funds raised by the unit or received by the unit from the State in which it is located) in the 12 calendar months before the submission of the action plan.**

This application was designed for your convenience. It can be completed in two ways.

- Using PDF. The application can be found at www.wilco.org. Open the document and fill in the appropriate information. Use the tab key to navigate through the application. Once the form is completed, print, obtain appropriate signatures and submit. (preferred method)
- Manually. Open the document and print it. Manually complete the form. Obtain appropriate signatures and submit.

Applications must be received by 5pm on Wednesday, May 22, 2019.
Please submit one original and four (4) copies.

Submit to:
Williamson County
Attn: Sally Bardwell, Community Development Administrator
710 Main Street
Georgetown, TX 78626

Applicant Organization Name & Contact Information

1. Complete information requested.

Project Information

1. Provide the Project Title.
2. Give a brief description of project.
3. Check appropriate box.

Type of Proposal

1. Check all that apply.

Project Funding

1. Determine the amount of CDBG funds requested.
2. Determine the amount of funds that will be obtained from other resources. Note, this is not the amount of leveraged funds and should include all other funds anticipated for use in the project.
3. Total Cost of project.

Background Information

1. Describe the need and current condition of the problem and how it relates to the needs/priorities identified for Williamson County (see FY 2019-2023 Consolidated Plan Priorities included in this packet).
2. Generally describe the resources necessary for the project. Do NOT identify budget here.
3. Describe the anticipated results.

Service Area

Identify the geographic boundaries of the proposed service area. Please include cities and/or areas served. Attach a map that shows the project site and/or defines the service area.

Signatures

Obtain appropriate signatures.

Please note

- Funds obligated to the project will be tied to that obligation unless authorized to do otherwise.
- CDBG funds do not require leveraged funds.

Failure to submit requested documents or to provide adequate explanation may invalidate proposal.

Williamson County
710 Main Street
Georgetown, TX 78626
(512) 943-3757

APPLICATION TO BE USED FOR SOCIAL SERVICE PROJECTS ONLY

WILLIAMSON COUNTY
FY 2018 COMMUNITY DEVELOPMENT BLOCK GRANT (CDBG)
APPLICATION FORM
SOCIAL SERVICE PROJECTS

FUNDING FOR FY2018 (OCT. 1, 2018 – SEPT. 30, 2019)

Please read the following Federal Regulation (CFR 570.201) before completing the application:

Basic Eligible Activities 570.201
(e) *Public services.* Provision of public services (including labor, supplies, and materials) including but not limited to those concerned with employment, crime prevention, child care, health, drug abuse, education, fair housing counseling, energy conservation, welfare (but excluding the provision of income payments identified under § 570.207(b)(4)), homebuyer down payment assistance, or recreational needs. **To be eligible for CDBG assistance, a public service must be either a new service or a quantifiable increase in the level of an existing service above that which has been provided by or on behalf of the unit of general local government (through funds raised by the unit or received by the unit from the State in which it is located) in the 12 calendar months before the submission of the action plan.**

Applicant Organization Name & Contact Information

ORGANIZATION NAME	
NAME & TITLE OF CONTACT PERSON	
ADDRESS LINE 1	
ADDRESS LINE 2	
CITY	
STATE	
ZIP	
TELEPHONE NUMBER	
FAX NUMBER	
EMAIL ADDRESS	

Project Information

PROJECT TITLE	
PROJECT DESCRIPTION	
WILL THE PROJECT BE READY TO BEGIN ON OR ABOUT OCTOBER 1, 2018?	YES ☐ NO ☐

Type of Proposal (place an X in all appropriate box(es))

NEW PROJECT ☐ INCREASE OF EXISTING PROJECT ☐

Project Funding

AMOUNT OF CDBG FUNDS REQUESTED	**$**
TOTAL FUNDS OBTAINED FROM OTHER RESOURCES	$
TOTAL COST OF PROJECT	$

BACKGROUND INFORMATION

Description of the Community Need

Resources Necessary for Project

Results

Service Area (Identify the geographic boundaries of the proposed service area. Please include cities and/or areas served. Attach a map that shows the project site and/or defines the service area.)

Authorization

Executive Director **Signature** **Date**

Please include the following documents with this proposal:

1. Detailed budget of project, specifically outlining the use of CDBG funds and leveraged funds for this project.

Commissioners Court - Regular Session **33.**

Meeting Date: 04/23/2019

Mobile Outreach Team Clinical Training Supplement BA 4.23.19

Submitted For: Melanie Denny **Submitted By:** Melanie Denny, 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 additional revenues for the Mobile Outreach Team.

Background

The county has contracted with Texas A&M University Health and Science Center (TAMUHSC) to provide clinical training experience for TAMUHSC students. The sum of $100.00 per unit is paid to the county when the student is supervised directly by the Mobile Outreach Team. The county employee supervising the student is paid a stipend for the training. The Budget Amendment is to recognize additional revenue and expenditures related to the training, The Budget Amendment reflects January 1, 2019 - April 2, 2019 activity.

Fiscal Impact

From/To	Acct No.	Description	Amount
	0100.0000.333220	Payments from Other Entities	$600.00

Attachments

No file(s) attached.

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Andrea Schiele	04/17/2019 03:49 PM
Form Started By: Melanie Denny		Started On: 04/16/2019 12:51 PM
Final Approval Date: 04/17/2019		

Commissioners Court - Regular Session **34.**

Meeting Date: 04/23/2019

Mobile Outreach Team Clinical Training Supplement BA 4.23.19

Submitted For: Melanie Denny **Submitted By:** Melanie Denny, 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 additional expenditures for the Mobile Outreach Team.

Background

The county has contracted with Texas A&M University Health and Science Center (TAMUHSC) to provide clinical training experience for TAMUHSC students. The sum of $100.00 per unit is paid to the county when the student is supervised directly by the Mobile Outreach Team. The county employee supervising the student is paid a stipend for the training. The Budget Amendment is to recognize additional revenue and expenditures related to the training, The Budget Amendment reflects January 1, 2019 - April 2, 2019 activity.

Fiscal Impact

From/To	Acct No.	Description	Amount
	0100.0341.001920	Medical School Stipend	$473.64
	0100.0341.002010	FICA	$36.24
	0100.0341.002020	Retirement	$66.48
	0100.0341.002050	Workers Comp	$23.64

Attachments

No file(s) attached.

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Andrea Schiele	04/17/2019 03:52 PM
Form Started By: Melanie Denny		Started On: 04/16/2019 12:52 PM
Final Approval Date: 04/17/2019		

Commissioners Court - Regular Session **35.**

Meeting Date: 04/23/2019

Receive updates on the Department of Infrastructure projects and issues

Submitted For: Robert Daigh **Submitted By:** Lydia Linden, Infrastructure

Department: Infrastructure

Agenda Category: Regular Agenda Items

Information

Agenda Item

Receive updates on the Department of Infrastructure projects and issues.

Background

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

No file(s) attached.

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Andrea Schiele	03/25/2019 11:34 AM
Form Started By: Lydia Linden		Started On: 03/25/2019 11:31 AM
Final Approval Date: 03/25/2019		

Commissioners Court - Regular Session **36.**

Meeting Date: 04/23/2019

CR 110M 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 Paloma Lake Municipal Utility District No. 1 and Paloma Lake Municipal Utility District No. 2 for right of way needed on the CR 110 Middle project (Parcel 1M Part 6). Funding Source: Road Bonds P261

Background

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

Paloma Lake MUD Contract

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Andrea Schiele	04/18/2019 10:08 AM
Form Started By: Charlie Crossfield		Started On: 04/18/2019 09:55 AM
Final Approval Date: 04/18/2019		

REAL ESTATE CONTRACT
County Road 110M

THIS REAL ESTATE CONTRACT ("*Contract*") is made by and between **PALOMA LAKE MUNICIPAL UTILITY DISTRICT NO. 1 and PALOMA LAKE MUNICIPAL UTILITY DISTRICT NO. 2** (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 0.626 acre (27,277 Sq. Ft.) tract of land in the Henry Millard Survey, Abstract No. 452, Williamson County, Texas, more fully described by metes and bounds in **Exhibit "A"**, attached hereto and incorporated herein (**Parcel 1M Part 6**)

together with all and singular the rights and appurtenances pertaining to the property (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 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 total 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 THREE THOUSAND FIVE HUNDRED and 00/100 Dollars ($3,500.00).

Pursuant to the terms of that certain Right of Entry and Possession Agreement previously entered into between the parties, and which is recorded as Document No. 2018103828 of the Official Records of Williamson County (the "*Right of Entry*"), Purchaser has paid to seller a deposit amount of $1,000, which is to be credited against any final purchase price or condemnation judgment paid for the Property. Therefore, the amount now due and owning from Purchaser for completion of the transaction as set out in this Contract is the sum of **TWO THOUSAND FIVE HUNDRED and 00/100 Dollars ($2,500.00)**.

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.

Inspection

3.03. 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

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 PURCHASER IN ORDER TO ENABLE 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 HAS OR 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 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 Independence Title Company (the "*Title Company*") or another title company of Purchaser's choosing, on or before _____, 2019 or at such time, date, and place as Seller and Purchaser may agree upon (which date is herein referred to as the "*Closing Date*").

Seller's Obligations at Closing

5.02. At the Closing, Seller shall deliver to Purchaser a duly executed and acknowledged Deed in the form attached as **Exhibit "B"** conveying good and indefeasible title in fee simple to all of the Property.

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. The obligations to pay general real estate taxes for the then current year relating to the Property shall be assumed by Purchaser at the Closing. Agricultural roll-back taxes, if any, shall be assumed by Purchaser.

Closing Costs

5.05. All costs and expenses of closing and 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 as incurred 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 enforce specific performance of this Contract.

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 enforce specific performance of this Contract.

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, 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, except the Right of Entry. 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 except the Right of Entry.

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

SELLER:

PALOMA LAKE MUNICIPAL UTILITY DISTRICT NO. 1

By:_____
Larry Hanrahan, Assistant Secretary
and Authorized Subcommittee Member,
Board of Directors

Date: 4/10/19

Address: c/o Armbrust & Brown, PLLC
100 Congress Ave., Ste. 1300
Austin, Texas 78701

PALOMA LAKE MUNICIPAL UTILITY DISTRICT NO. 2

By:_____
Chris Blackburn, Secretary and
Authorized Subcommittee Member,
Board of Directors

Date:_____

Address: c/o Armbrust & Brown, PLLC
100 Congress Ave., Ste. 1300
Austin, Texas 78701

SELLER:

PALOMA LAKE MUNICIPAL UTILITY DISTRICT NO. 1

By:_____
Larry Hanrahan, Assistant Secretary
and Authorized Subcommittee Member,
Board of Directors

Address: c/o Armbrust & Brown, PLLC
100 Congress Ave., Ste. 1300
Austin, Texas 78701

Date:_____

PALOMA LAKE MUNICIPAL UTILITY DISTRICT NO. 2

By:_____
Chris Blackburn, Secretary and
Authorized Subcommittee Member,
Board of Directors

Address: c/o Armbrust & Brown, PLLC
100 Congress Ave., Ste. 1300
Austin, Texas 78701

Date: 4/10/19

PURCHASER:

WILLIAMSON COUNTY, TEXAS

By:_____
Bill Gravell
County Judge

Date:_____

Address: 710 Main Street, Suite 101
Georgetown, Texas 78626

EXHIBIT "A"

EXHIBIT ____

County: Williamson
Parcel : 1M PART 6
Highway: County Road 110

PROPERTY DESCRIPTION FOR PARCEL 1M PART 6

DESCRIPTION OF A 0.626 ACRE (27,277 SQUARE FOOT) TRACT OF LAND SITUATED IN HENRY MILLARD SURVEY, ABSTRACT NO. 452 IN WILLIAMSON COUNTY, TEXAS, BEING A PORTION OF THAT CALLED 44.149 ACRE TRACT OF LAND IN WARRANTY DEED TO PALOMA LAKE MUNICIPAL UTILTY DISTRICT NO. 1 AND PALOMA LAKE MUNICIPAL UTILTY DISTRICT NO. 2 BY INSTRUMENT RECORDED IN DOCUMENT NO. 2016065602 OF THE OFFICIAL PUBLIC RECORDS OF WILLIAMSON COUNTY, TEXAS, SAID 0.626 ACRE (27,277 SQUARE FOOT) TRACT OF LAND BEING MORE PARTICULARLY DESCRIBED BY METES AND BOUNDS AS FOLLOWS:

BEGINNING FOR REFERENCE at a 1/2" iron rod with plastic surveyors cap stamped "RJ Surveying" found, being an angle point in the northwest corner of Lot 2 of the Plat of Paloma Lake Section 24 subdivision recorded in Document No. 2016036756 of the Official Public Records of Williamson County, Texas, same being the northeast corner of Lot 3 of said subdivision, also being an angle point in the southerly boundary line of said 44.149 acre tract;

THENCE, with the common boundary line of said Lot 2 and the southerly boundary line of said 44.149 acre tract, N 68°36'01" E for a distance of 24.89 feet to a 1/2" iron rod with aluminum cap stamped "WILCO ROW" (Grid Coordinates determined as N=10181364.26, E=3153922.99 (TxSPC Zone 4203) set 113.00 feet left of proposed County Road (C.R.) 110 Baseline Station 234+16.79, for the southwesterly corner and **POINT OF BEGINNING** of the herein described tract;

THENCE, departing said Lot 2, through the interior of said 44.149 acre tract, the following three (3) courses:

1) N 21°24'44" W for a distance of 23.18 feet to a 1/2" iron rod with aluminum cap stamped "WILCO ROW" set 113.00 feet left of proposed C.R. 110 Baseline Station 234+39.97, for a point of curvature to the left;

2) along said curve to the left, having a delta angle of 02°38'15", a radius of 4887.00 feet, an arc length of 224.97 feet and a chord which bears N 22°43'52" W for a distance of 224.95 feet to a 1/2" iron rod with aluminum cap stamped "WILCO ROW" set 113.00 feet left of proposed C.R. 110 Baseline Station 236+70.15, for a point of tangency;

3) N 24°02'59" W for a distance of 187.35 feet to a 1/2" iron rod with aluminum cap stamped "WILCO ROW" set 113.00 feet left of proposed C.R. 110 Baseline Station 238+57.50, being in the northerly boundary line of said 44.149 acre tract, also being in the southerly boundary line of that called 6.31 acre tract of land (Exhibit C-3) as described in instrument recorded in Document No. 2013000628 of the Official Public Records of Williamson County, Texas, conveyed to Nelson Homestead Family Partnership, LTD. by instrument recorded in Document No. 9824076 of the Official Records of Williamson County, Texas, for the northwesterly corner of the herein described tract, and from which a 1/2" iron rod with plastic surveyors cap stamped "RJ Surveying" found, for an angle point in said common boundary line bears S 68°04'16" W at a distance of 61.61 feet;

4) THENCE, with the common boundary line of said 44.149 acre tract and said 6.31 acre tract, N 68°04'16" E for a distance of 66.75 feet to a 1/2" iron rod with plastic surveyors cap stamped "RJ Surveying" found in the existing westerly Right-of-Way (ROW) line of C.R. 110 (variable width ROW), being the southeasterly corner of said 6.31 acre tract, same being the northeasterly corner of said 44.149 acre tract, for the northeasterly corner of the herein described tract;

THENCE, departing said 6.31 acre boundary line, with the easterly boundary line of said 44.149 acre tract and said existing westerly ROW line, the following two (2) courses:

5) S 22°38'53" E for a distance of 435.94 feet to a calculated angle point, for the southeast corner of the herein described tract;

6) S 68°36'01" W for a distance of 12.59 feet to a 1/2" iron rod with plastic surveyors cap stamped "RJ Surveying" found, being the northeast corner of said Lot 1;

7) THENCE, departing said existing C.R. 110 ROW line, with the common boundary line of said 44.149 acre tract and said Lot 1, and in part said Lot 2, S 68°36'01" W, at a distance of 4.76 pass a 1/2" iron rod with aluminum cap stamped "WILCO ROW" set 68.00 feet left of proposed C.R. 110 Baseline Station 234+16.79, and continuing for a total distance of 49.76 feet to the POINT OF BEGINNING, containing 0.626 acres (27,277 square feet) of land, more or less.

This property description is accompanied by a separate parcel plat.

All bearings recited herein are based on the Texas State Plane Coordinate System, Central Zone No. 4203, NAD 83.

THE STATE OF TEXAS §
§ KNOW ALL MEN BY THESE PRESENTS:
COUNTY OF WILLIAMSON §

That I, M. Stephen Truesdale, a Registered Professional Land Surveyor, do hereby certify 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 direct supervision.

WITNESS MY HAND AND SEAL at Round Rock, Williamson County, Texas.

M. Stephen Truesdale — 10 OCT 2018
Date

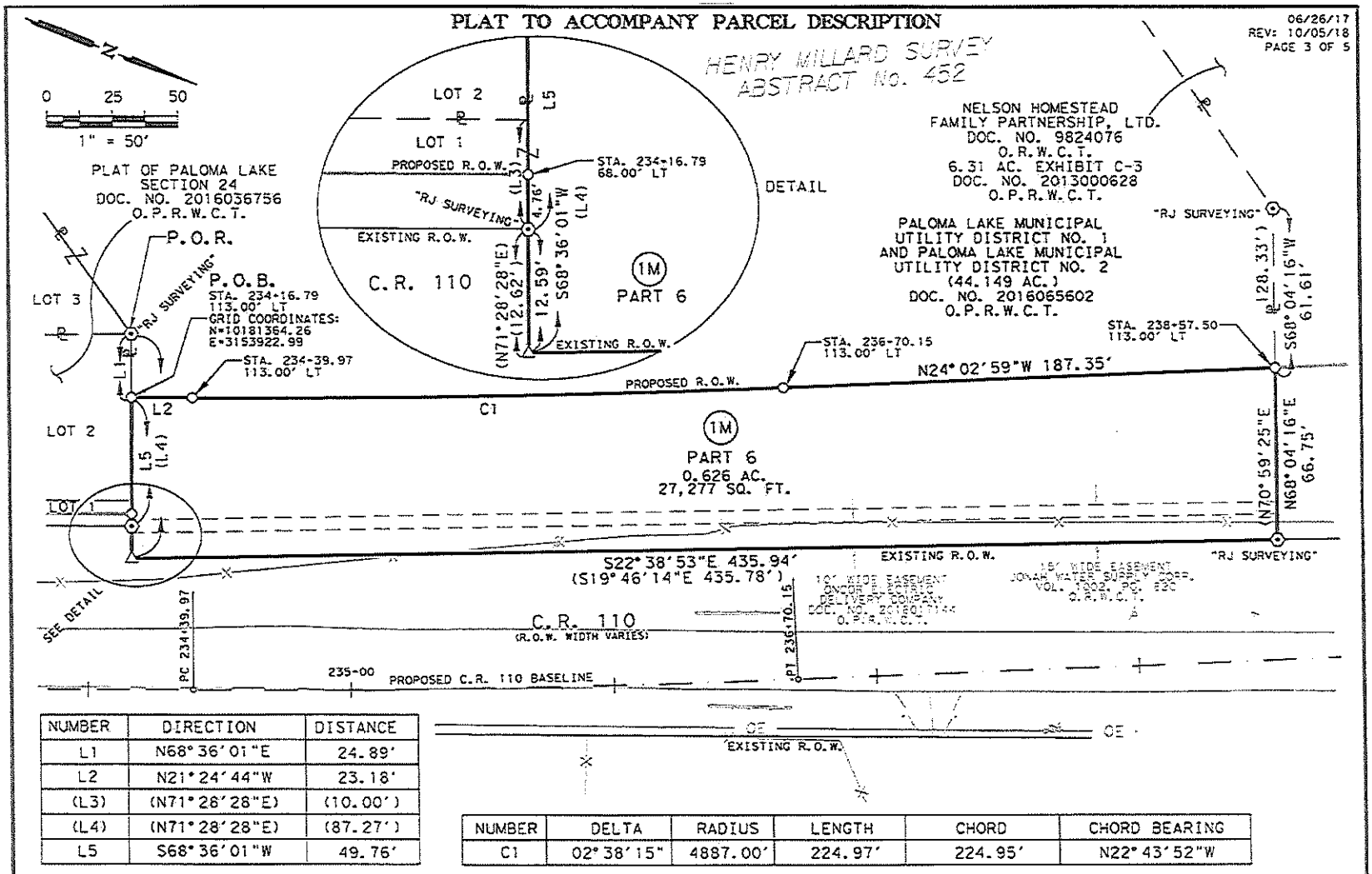
M. Stephen Truesdale
Registered Professional Land Surveyor No. 4933
Licensed State Land Surveyor
Inland Geodetics, LLC
Firm Registration No: 100591-00
1504 Chisholm Trail Road, Suite 103
Round Rock, TX 78681

STATE OF TEXAS
REGISTERED
M. STEPHEN TRUESDALE
4933
PROFESSIONAL
LAND SURVEYOR

S:_KIMLEY HORN\CR 110\PARCELS\PARCEL 1M-PALOMA\ROW PARCEL\PALOMA 1M PART 6\PALOMA LAKE DEVEL-PARCEL 1M Part 6-100510.doc

PLAT TO ACCOMPANY PARCEL DESCRIPTION

06/26/17
REV: 10/05/18
PAGE 3 OF 5



NUMBER	DIRECTION	DISTANCE
L1	N68° 36' 01"E	24.89'
L2	N21° 24' 44"W	23.18'
(L3)	(N71° 28' 28"E)	(10.00')
(L4)	(N71° 28' 28"E)	(87.27')
L5	S68° 36' 01"W	49.76'

NUMBER	DELTA	RADIUS	LENGTH	CHORD	CHORD BEARING
C1	02° 38' 15"	4887.00'	224.97'	224.95'	N22° 43' 52"W

INLAND GEODETICS
PROFESSIONAL LAND SURVEYORS
1504 CHISHOLM TRAIL RD. STE. 103
ROUND ROCK, TX. 78681
PH. (512) 238-1200, FAX (512) 238-1251
FIRM REGISTRATION NO. 100591-00

PARCEL PLAT SHOWING PROPERTY OF

PALOMA LAKE MUNICIPAL UTILITY DISTRICT NO. 1 AND PALOMA LAKE MUNICIPAL UTILITY DISTRICT NO. 2

SCALE	PROJECT	COUNTY
1" = 50'	CR 110	WILLIAMSON

PARCEL 1M
PART 6

S:*KIMLEY HORN\CR 110\PARCELS\PARCEL 1M-PALOMA\ROW PARCEL\PALOMA 1M PART 6\PALOMA-1M-PART 6-100418.dgn

PLAT TO ACCOMPANY PARCEL DESCRIPTION

09/12/16
REV: 10/05/18
PAGE 4 OF 5

LEGEND

■	TXDOT TYPE I CONCRETE MONUMENT FOUND	℄	CENTER LINE
✱	FENCE CORNER POST FOUND	℞	PROPERTY LINE
●	½" IRON ROD FOUND UNLESS NOTED	( )	RECORD INFORMATION
⊙	½" IRON ROD FOUND W/PLASTIC CAP	⊣⊢	LINE BREAK
◘	COTTON GIN SPINDLE FOUND	⊿	DENOTES COMMON OWNERSHIP
◉	½" IRON PIPE FOUND UNLESS NOTED	P.O.B.	POINT OF BEGINNING
X	X CUT FOUND	P.O.R.	POINT OF REFERENCE
▲	60/D NAIL FOUND	N.T.S.	NOT TO SCALE
△	CALCULATED POINT	D.R.W.C.T.	DEED RECORDS WILLIAMSON COUNTY, TEXAS
○	½" IRON ROD W/ ALUMINUM CAP STAMPED "WILCO-ROW" SET (UNLESS NOTED OTHERWISE)	O.R.W.C.T.	OFFICIAL RECORDS WILLIAMSON COUNTY, TEXAS
		O.P.R.W.C.T.	OFFICIAL PUBLIC RECORDS WILLIAMSON COUNTY, TEXAS
		P.R.W.C.T.	PLAT RECORDS WILLIAMSON COUNTY, TEXAS

1) All bearings shown hereon are based on grid bearing. All distances are surface distances. Coordinates are surface values based on the Texas State Plane Coordinate System, NAD 83, Central Zone using a combined surface adjustment factor of 1.00012.

THE SURVEY SHOWN HEREON WAS PREPARED IN CONJUNCTION WITH THAT COMMITMENT FOR TITLE INSURANCE GF NO. 1839886-KFO, ISSUED BY TITLE RESOURCES GUARANTY COMPANY, EFFECTIVE DATE SEPTEMBER 20, 2018, ISSUE DATE SEPTEMBER 28, 2018.

1. RESTRICTIVE COVENANTS: DOCUMENT NO. 2013000628, OF THE OFFICIAL PUBLIC RECORDS OF WILLIAMSON COUNTY, TEXAS, SUBJECT TO.

10G. INCLUSION WITHIN THE UPPER BRUSHY CREEK WCID NO. 1A, SUBJECT TO IF APPLICABLE.

H. INCLUSION WITHIN THE PALOMA LAKE MUD NO. 1 & 2, SUBJECT TO.

I. EASEMENT GRANTED TO LONE STAR GAS COMPANY BY INSTRUMENT IN VOLUME 238, PAGE 184, OF THE DEED RECORDS OF WILLIAMSON COUNTY, TEXAS, BLANKET EASEMENT AFFECTS.

J. EASEMENT GRANTED TO TEXAS POWER & LIGHT COMPANY BY INSTRUMENT IN VOLUME 304, PAGE 257, OF THE DEED RECORDS OF WILLIAMSON COUNTY, TEXAS, FROM ITS DESCRIPTION CANNOT BE LOCATED.

K. EASEMENT GRANTED TO TEXAS POWER & LIGHT COMPANY BY INSTRUMENT IN VOLUME 304, PAGE 258, OF THE DEED RECORDS OF WILLIAMSON COUNTY, TEXAS, DOES NOT AFFECT.

L. EASEMENT GRANTED TO THE BRUSHY CREEK WATER CONTROL & IMPROVEMENT DISTRICT NO. 1 BY INSTRUMENT RECORDED IN VOLUME 465, PAGE 450, OF THE DEED RECORDS OF WILLIAMSON COUNTY, TEXAS, DOES NOT AFFECT.

INLAND GEODETICS LLC
PROFESSIONAL LAND SURVEYORS
1504 CHISHOLM TRAIL RD. STE. 103
ROUND ROCK, TX. 78681
PH. (512) 238-1200, FAX (512) 238-1251
FIRM REGISTRATION NO. 100591-00

PARCEL PLAT SHOWING PROPERTY OF
PALOMA LAKE MUNICIPAL UTILITY DISTRICT NO. 1
AND PALOMA LAKE MUNICIPAL UTILITY DISTRICT NO. 2

SCALE	PROJECT	COUNTY
1" =50'	CR 110	WILLIAMSON

PARCEL 1M
PART 6

S:*KIMLEY HORN\CR 110\PARCELS\PARCEL 1M-PALOMA\ROW PARCEL\PALOMA 1M PART 6\PALOMA-1M-PART 6-100418.dgn

PLAT TO ACCOMPANY PARCEL DESCRIPTION

M. EASEMENT GRANTED TO TEXAS POWER & LIGHT COMPANY BY INSTRUMENT IN VOLUME 651, PAGE 33, OF THE DEED RECORDS OF WILLIAMSON COUNTY, TEXAS, FROM ITS DESCRIPTION CANNOT BE LOCATED.

N. EASEMENT GRANTED TO SEMINOLE PIPELINE COMPANY BY INSTRUMENT IN VOLUME 840, PAGE 699, DEED RECORDS OF WILLIAMSON COUNTY, TEXAS, AND AS FURTHER AFFECTED BY INSTRUMENTS RECORDED IN VOLUME 2169, PAGE 795, OF THE OFFICIAL RECORDS AND DOCUMENT NO(S) 2014064017 AND 2014103708, OF THE OFFICIAL PUBLIC RECORDS OF WILLIAMSON COUNTY, TEXAS, DO NOT AFFECT.

O. EASEMENT GRANTED TO JONAH WATER SUPPLY CORPORATION BY INSTRUMENT IN VOLUME 1002, PAGE 820, OF THE OFFICIAL RECORDS OF WILLIAMSON COUNTY, TEXAS, AFFECTS AS SHOWN.

P. EASEMENT GRANTED TO TEXAS POWER & LIGHT COMPANY BY INSTRUMENT IN VOLUME 1472, PAGE 9, OF THE OFFICIAL RECORDS OF WILLIAMSON COUNTY, TEXAS, DOES NOT AFFECT.

Q. EASEMENT GRANTED TO ONCOR ELECTRIC DELIVERY COMPANY LLC BY INSTRUMENT IN DOCUMENT NO. 2015065570, OF THE OFFICIAL PUBLIC RECORDS OF WILLIAMSON COUNTY, TEXAS, DOES NOT AFFECT.

R. EASEMENT GRANTED TO ONCOR ELECTRIC DELIVERY COMPANY LLC BY INSTRUMENT IN DOCUMENT NO. 2016017144, OF THE OFFICIAL PUBLIC RECORDS OF WILLIAMSON COUNTY, TEXAS, AFFECTS AS SHOWN.

S. TERMS, CONDITIONS AND STIPULATIONS OF THAT CERTAIN UTILITY CONSTRUCTION AGREEMENT AS EVIDENCED BY DEED RECORDED IN DOCUMENT NO. 2016065602, OF THE OFFICIAL PUBLIC RECORDS OF WILLIAMSON COUNTY, TEXAS, SUBJECT TO IF APPLICABLE.

STATE OF TEXAS
REGISTERED
M. STEPHEN TRUESDALE
4933
PROFESSIONAL
LAND SURVEYOR

M. Stephen Truesdale 10 OCT 2018

M. STEPHEN TRUESDALE DATE:
REGISTERED PROFESSIONAL LAND SURVEYOR NO. 4933
LICENSED STATE LAND SURVEYOR
INLAND GEODETICS, LLC
FIRM REGISTRATION NO. 100591-00
1504 CHISHOLM TRAIL ROAD, SUITE 103
ROUND ROCK, TX 78681

	ACRES	SQUARE FEET
ACQUISITION	0.626	27,277
CALC/DEED AREA	44.149	1,923,130
REMAINDER AREA	43.523	1,895,853

INLAND GEODETICS
PROFESSIONAL LAND SURVEYORS
1504 CHISHOLM TRAIL RD. STE. 103
ROUND ROCK, TX. 78681
PH. (512) 238-1200, FAX (512) 238-1251
FIRM REGISTRATION NO. 100591-00

PARCEL PLAT SHOWING PROPERTY OF
PALOMA LAKE MUNICIPAL UTILITY DISTRICT NO. 1
AND PALOMA LAKE MUNICIPAL UTILITY DISTRICT NO. 2

SCALE	PROJECT	COUNTY
1" =50'	CR 110	WILLIAMSON

PARCEL 1M
PART 6

S:*KIMLEY HORN\CR 110\PARCELS\PARCEL 1M-PALOMA\ROW PARCEL\PALOMA 1M PART 6\PALOMA-1M-PART 6-100418.dgn

EXHIBIT "B"

EXHIBIT "A"

EXHIBIT ____

County: Williamson
Parcel : 1M PART 6
Highway: County Road 110

PROPERTY DESCRIPTION FOR PARCEL 1M PART 6

DESCRIPTION OF A 0.626 ACRE (27,277 SQUARE FOOT) TRACT OF LAND SITUATED IN HENRY MILLARD SURVEY, ABSTRACT NO. 452 IN WILLIAMSON COUNTY, TEXAS, BEING A PORTION OF THAT CALLED 44.149 ACRE TRACT OF LAND IN WARRANTY DEED TO PALOMA LAKE MUNICIPAL UTILTY DISTRICT NO. 1 AND PALOMA LAKE MUNICIPAL UTILTY DISTRICT NO. 2 BY INSTRUMENT RECORDED IN DOCUMENT NO. 2016065602 OF THE OFFICIAL PUBLIC RECORDS OF WILLIAMSON COUNTY, TEXAS, SAID 0.626 ACRE (27,277 SQUARE FOOT) TRACT OF LAND BEING MORE PARTICULARLY DESCRIBED BY METES AND BOUNDS AS FOLLOWS:

BEGINNING FOR REFERENCE at a 1/2" iron rod with plastic surveyors cap stamped "RJ Surveying" found, being an angle point in the northwest corner of Lot 2 of the Plat of Paloma Lake Section 24 subdivision recorded in Document No. 2016036756 of the Official Public Records of Williamson County, Texas, same being the northeast corner of Lot 3 of said subdivision, also being an angle point in the southerly boundary line of said 44.149 acre tract;

THENCE, with the common boundary line of said Lot 2 and the southerly boundary line of said 44.149 acre tract, N 68°36'01" E for a distance of 24.89 feet to a 1/2" iron rod with aluminum cap stamped "WILCO ROW" (Grid Coordinates determined as N=10181364.26, E=3163922.99 (TxSPC Zone 4203) set 113.00 feet left of proposed County Road (C.R.) 110 Baseline Station 234+16.79, for the southwesterly corner and **POINT OF BEGINNING** of the herein described tract;

THENCE, departing said Lot 2, through the interior of said 44.149 acre tract, the following three (3) courses:

1) N 21°24'44" W for a distance of 23.18 feet to a 1/2" iron rod with aluminum cap stamped "WILCO ROW" set 113.00 feet left of proposed C.R. 110 Baseline Station 234+39.97, for a point of curvature to the left;

2) along said curve to the left, having a delta angle of 02°38'15", a radius of 4887.00 feet, an arc length of 224.97 feet and a chord which bears N 22°43'52" W for a distance of 224.95 feet to a 1/2" iron rod with aluminum cap stamped "WILCO ROW" set 113.00 feet left of proposed C.R. 110 Baseline Station 236+70.15, for a point of tangency;

3) N 24°02'59" W for a distance of 187.35 feet to a 1/2" iron rod with aluminum cap stamped "WILCO ROW" set 113.00 feet left of proposed C.R. 110 Baseline Station 238+57.50, being in the northerly boundary line of said 44.149 acre tract, also being in the southerly boundary line of that called 6.31 acre tract of land (Exhibit C-3) as described in instrument recorded in Document No. 2013000628 of the Official Public Records of Williamson County, Texas, conveyed to Nelson Homestead Family Partnership, LTD. by instrument recorded in Document No. 9824076 of the Official Records of Williamson County, Texas, for the northwesterly corner of the herein described tract, and from which a 1/2" iron rod with plastic surveyors cap stamped "RJ Surveying" found, for an angle point in said common boundary line bears S 68°04'16" W at a distance of 61.61 feet;

4) THENCE, with the common boundary line of said 44.149 acre tract and said 6.31 acre tract, N 68°04'16" E for a distance of 66.75 feet to a 1/2" iron rod with plastic surveyors cap stamped "RJ Surveying" found in the existing westerly Right-of-Way (ROW) line of C.R. 110 (variable width ROW), being the southeasterly corner of said 6.31 acre tract, same being the northeasterly corner of said 44.149 acre tract, for the northeasterly corner of the herein described tract;

THENCE, departing said 6.31 acre boundary line, with the easterly boundary line of said 44.149 acre tract and said existing westerly ROW line, the following two (2) courses:

5) S 22°38'53" E for a distance of 435.94 feet to a calculated angle point, for the southeast corner of the herein described tract;

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This property description is accompanied by a separate parcel plat.

All bearings recited herein are based on the Texas State Plane Coordinate System, Central Zone No. 4203, NAD 83.

THE STATE OF TEXAS §
§ KNOW ALL MEN BY THESE PRESENTS:
COUNTY OF WILLIAMSON §

That I, M. Stephen Truesdale, a Registered Professional Land Surveyor, do hereby certify 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 direct supervision.

WITNESS MY HAND AND SEAL, at Round Rock, Williamson County, Texas.

M. Stephen Truesdale — 10 OCT 2018
Date

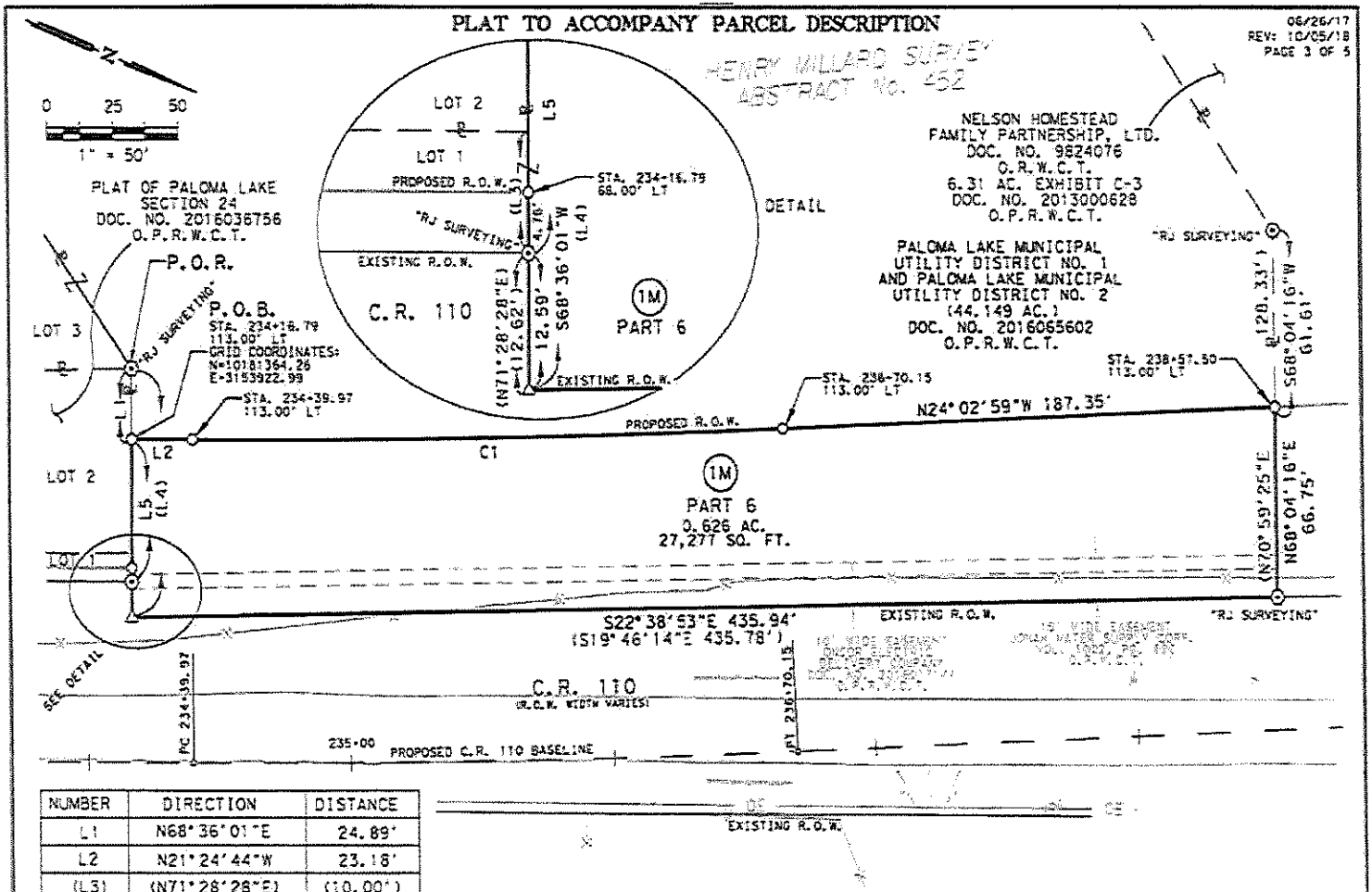
M. Stephen Truesdale
Registered Professional Land Surveyor No. 4933
Licensed State Land Surveyor
Inland Geodetics, LLC
Firm Registration No: 100591-00
1504 Chisholm Trail Road, Suite 103
Round Rock, TX 78681

STATE OF TEXAS
REGISTERED
M. STEPHEN TRUESDALE
4933
PROFESSIONAL
LAND SURVEYOR

S:_KIMLEY HORN\CR 110\PARCELS\PARCEL 1M-PALOMA\ROW PARCEL\PALOMA 1M PART 6\PALOMA LAKE DEVEL-PARCEL 1M Part 6-100518.doc

PLAT TO ACCOMPANY PARCEL DESCRIPTION

06/26/17
REV: 10/05/18
PAGE 3 OF 5



NUMBER	DIRECTION	DISTANCE
L1	N68°36'01"E	24.89'
L2	N21°24'44"W	23.18'
(L3)	(N71°28'28"E)	(10.00')
(L4)	(N71°28'28"E)	(87.27')
L5	S68°36'01"W	49.76'

NUMBER	DELTA	RADIUS	LENGTH	CHORD	CHORD BEARING
C1	02°38'15"	4887.00'	224.97'	224.95'	N22°43'52"W

INLAND GEODETICS, LLC
PROFESSIONAL LAND SURVEYORS
1504 CHISHOLM TRAIL RD. STE. 103
ROUND ROCK, TX. 78681
PH. (512) 238-1200, FAX (512) 238-1251
FIRM REGISTRATION NO. 100591-00

PARCEL PLAT SHOWING PROPERTY OF

PALOMA LAKE MUNICIPAL UTILITY DISTRICT NO. 1 AND PALOMA LAKE MUNICIPAL UTILITY DISTRICT NO. 2

SCALE	PROJECT	COUNTY
1" = 50'	CR 110	WILLIAMSON

PARCEL 1M PART 6

S:*KIMLEY HORN\CR 110\PARCELS\PARCEL 1M-PALOMA\ROW PARCEL\PALOMA 1M PART 6\PALOMA-1M-PART 6-100418.dgn

Exhibit "A" – Page 3 of 5

{Wo876731.1}

Exhibit "B" – Page 7 of 9

{W0873110.2}

PLAT TO ACCOMPANY PARCEL DESCRIPTION

09/12/16
REV: 10/05/18
PAGE 4 OF 5

LEGEND

■	TXDOT TYPE I CONCRETE MONUMENT FOUND	℄	CENTER LINE
✱	FENCE CORNER POST FOUND	℄	PROPERTY LINE
		( )	RECORD INFORMATION
●	½" IRON ROD FOUND UNLESS NOTED	⊣⊢	LINE BREAK
⊙	½" IRON ROD FOUND W/PLASTIC CAP	∠	DENOTES COMMON OWNERSHIP
○	COTTON GIN SPINDLE FOUND	P.O.B.	POINT OF BEGINNING
		P.O.R.	POINT OF REFERENCE
◉	½" IRON PIPE FOUND UNLESS NOTED	N.T.S.	NOT TO SCALE
×	X CUT FOUND	D.R.W.C.T.	DEED RECORDS WILLIAMSON COUNTY, TEXAS
▲	60/D NAIL FOUND	O.R.W.C.T.	OFFICIAL RECORDS WILLIAMSON COUNTY, TEXAS
△	CALCULATED POINT	O.P.R.W.C.T.	OFFICIAL PUBLIC RECORDS WILLIAMSON COUNTY, TEXAS
○	½" IRON ROD W/ ALUMINUM CAP STAMPED "WILCO-ROW" SET (UNLESS NOTED OTHERWISE)	P.R.W.C.T.	PLAT RECORDS WILLIAMSON COUNTY, TEXAS

1) All bearings shown hereon are based on grid bearing. All distances are surface distances. Coordinates are surface values based on the Texas State Plane Coordinate System, NAD 83, Central Zone using a combined surface adjustment factor of 1.00012.

THE SURVEY SHOWN HEREON WAS PREPARED IN CONJUNCTION WITH THAT COMMITMENT FOR TITLE INSURANCE GF NO. 1839886-KFO, ISSUED BY TITLE RESOURCES GUARANTY COMPANY, EFFECTIVE DATE SEPTEMBER 20, 2018, ISSUE DATE SEPTEMBER 28, 2018.

1. RESTRICTIVE COVENANTS: DOCUMENT NO. 2013000628, OF THE OFFICIAL PUBLIC RECORDS OF WILLIAMSON COUNTY, TEXAS, SUBJECT TO.

10G. INCLUSION WITHIN THE UPPER BRUSHY CREEK WCID NO. 1A, SUBJECT TO IF APPLICABLE.

H. INCLUSION WITHIN THE PALOMA LAKE MUD NO. 1 & 2, SUBJECT TO.

I. EASEMENT GRANTED TO LONE STAR GAS COMPANY BY INSTRUMENT IN VOLUME 238, PAGE 184, OF THE DEED RECORDS OF WILLIAMSON COUNTY, TEXAS, BLANKET EASEMENT AFFECTS.

J. EASEMENT GRANTED TO TEXAS POWER & LIGHT COMPANY BY INSTRUMENT IN VOLUME 304, PAGE 257, OF THE DEED RECORDS OF WILLIAMSON COUNTY, TEXAS, FROM ITS DESCRIPTION CANNOT BE LOCATED.

K. EASEMENT GRANTED TO TEXAS POWER & LIGHT COMPANY BY INSTRUMENT IN VOLUME 304, PAGE 258, OF THE DEED RECORDS OF WILLIAMSON COUNTY, TEXAS, DOES NOT AFFECT.

L. EASEMENT GRANTED TO THE BRUSHY CREEK WATER CONTROL & IMPROVEMENT DISTRICT NO. 1 BY INSTRUMENT RECORDED IN VOLUME 465, PAGE 450, OF THE DEED RECORDS OF WILLIAMSON COUNTY, TEXAS, DOES NOT AFFECT.

INLAND GEODETICS
PROFESSIONAL LAND SURVEYORS
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PH. (512) 238-1200, FAX (512) 238-1251
FIRM REGISTRATION NO. 100591-00

PARCEL PLAT SHOWING PROPERTY OF

PALOMA LAKE MUNICIPAL UTILITY DISTRICT NO. 1 AND PALOMA LAKE MUNICIPAL UTILITY DISTRICT NO. 2

SCALE	PROJECT	COUNTY
1" =50'	CR 110	WILLIAMSON

PARCEL 1M
PART 6

S:*KIMLEY HORN\CR 110\PARCELS\PARCEL 1M-PALOMA\ROW PARCEL\PALOMA 1M PART 6\PALOMA-1M-PART 6-100418.dgn

Exhibit "A" – Page 4 of 5

{W0876731.1}

Exhibit "B" – Page 8 of 9

{W0873110.2}

PLAT TO ACCOMPANY PARCEL DESCRIPTION

09/12/18
REV: 10/05/18
PAGE 5 OF 5

M. EASEMENT GRANTED TO TEXAS POWER & LIGHT COMPANY BY INSTRUMENT IN VOLUME 651, PAGE 33, OF THE DEED RECORDS OF WILLIAMSON COUNTY, TEXAS, FROM ITS DESCRIPTION CANNOT BE LOCATED.

N. EASEMENT GRANTED TO SEMINOLE PIPELINE COMPANY BY INSTRUMENT IN VOLUME 840, PAGE 699, DEED RECORDS OF WILLIAMSON COUNTY, TEXAS, AND AS FURTHER AFFECTED BY INSTRUMENTS RECORDED IN VOLUME 2169, PAGE 795, OF THE OFFICIAL RECORDS AND DOCUMENT NO(S) 2014064017 AND 2014103708, OF THE OFFICIAL PUBLIC RECORDS OF WILLIAMSON COUNTY, TEXAS, DO NOT AFFECT.

O. EASEMENT GRANTED TO JONAH WATER SUPPLY CORPORATION BY INSTRUMENT IN VOLUME 1002, PAGE 820, OF THE OFFICIAL RECORDS OF WILLIAMSON COUNTY, TEXAS, AFFECTS AS SHOWN.

P. EASEMENT GRANTED TO TEXAS POWER & LIGHT COMPANY BY INSTRUMENT IN VOLUME 1472, PAGE 9, OF THE OFFICIAL RECORDS OF WILLIAMSON COUNTY, TEXAS, DOES NOT AFFECT.

Q. EASEMENT GRANTED TO ONCOR ELECTRIC DELIVERY COMPANY LLC BY INSTRUMENT IN DOCUMENT NO. 2015065570, OF THE OFFICIAL PUBLIC RECORDS OF WILLIAMSON COUNTY, TEXAS, DOES NOT AFFECT.

R. EASEMENT GRANTED TO ONCOR ELECTRIC DELIVERY COMPANY LLC BY INSTRUMENT IN DOCUMENT NO. 2016017144, OF THE OFFICIAL PUBLIC RECORDS OF WILLIAMSON COUNTY, TEXAS, AFFECTS AS SHOWN.

S. TERMS, CONDITIONS AND STIPULATIONS OF THAT CERTAIN UTILITY CONSTRUCTION AGREEMENT AS EVIDENCED BY DEED RECORDED IN DOCUMENT NO. 2016065602, OF THE OFFICIAL PUBLIC RECORDS OF WILLIAMSON COUNTY, TEXAS, SUBJECT TO IF APPLICABLE.

M. Stephen Truesdale 10 OCT 2018

M. STEPHEN TRUESDALE DATE:
REGISTERED PROFESSIONAL LAND SURVEYOR NO. 4933
LICENSED STATE LAND SURVEYOR
INLAND GEODETICS, LLC
FIRM REGISTRATION NO. 100591-00
1504 CHISHOLM TRAIL ROAD, SUITE 103
ROUND ROCK, TX 78681

STATE OF TEXAS
REGISTERED
M. STEPHEN TRUESDALE
4933
PROFESSIONAL
LAND SURVEYOR

	ACRES	SQUARE FEET
ACQUISITION	0.626	27,277
CALC'/DEED AREA	44.149	1,923,130
REMAINDER AREA	43.523	1,895,853

INLAND GEODETICS
PROFESSIONAL LAND SURVEYORS
1504 CHISHOLM TRAIL RD. STE. 103
ROUND ROCK, TX. 78681
PH. (512) 238-1200, FAX (512) 238-1251
FIRM REGISTRATION NO. 100591-00

PARCEL PLAT SHOWING PROPERTY OF
PALOMA LAKE MUNICIPAL UTILITY DISTRICT NO. 1
AND PALOMA LAKE MUNICIPAL UTILITY DISTRICT NO. 2

SCALE	PROJECT	COUNTY
1" =50'	CR 110	WILLIAMSON

PARCEL 1M
PART 6

S:\=KIMLEY HORN\CR 110\PARCELS\PARCEL 1M-PALOMA\ROW PARCEL\PALOMA 1M PART 6\PALOMA-1M-PART 6-100418.dgn

Exhibit "A" – Page 5 of 5

{W0876731.1}

Exhibit "B" – Page 9 of 9

{W0873110.2}

Commissioners Court - Regular Session **37.**

Meeting Date: 04/23/2019

Cost Participation 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 Cost Participation Agreement with Morris Corners Collection, LTD. regarding the design and re-construction of the intersection of DB Wood and SH 29.

Background

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

Cost Participation Agreement

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Andrea Schiele	04/18/2019 10:24 AM
Form Started By: Charlie Crossfield		Started On: 04/18/2019 09:59 AM
Final Approval Date: 04/18/2019		

COST PARTICIPATION AGREEMENT

THE STATE OF TEXAS §
§ KNOW ALL BY THESE PRESENTS:
COUNTY OF WILLIAMSON §

THIS COST PARTICIPATION AGREEMENT (this "**Agreement**") is entered into between **WILLIAMSON COUNTY, TEXAS**, a Texas political subdivision (the "**County**") and **MORRIS CORNERS COLLECTION, LTD.**, its successors and assigns ("**Developer**"). In this Agreement, the County and Developer are sometimes individually referred to as "**Party**" and collectively referred to as the "**Parties**".

RECITALS

WHEREAS, the County and the Texas Department of Transportation ("TxDOT") have entered into an Agreement regarding the design and re-construction of the intersection of DB Wood Drive and SH 29 (the "Project") in Georgetown, Texas, wherein the County will design and TxDOT will construct, the Project; and

WHEREAS, the County and Developer desire to co-operate in the design of additional items (the "Additional Design") to be included in the final design and construction of the Project; and

WHEREAS, the Additional Design for the Project will be mutually beneficial to the County, the City of Georgetown, TxDOT and Developer; and

WHEREAS, the Parties wish to memorialize their respective agreements, duties and obligations with respect to the Project;

NOW, THEREFORE, in consideration of the foregoing premises and the mutual promises and agreements of the Parties contained in this Agreement, the Parties agree as follows:

I.

TERMS

A. **Recitals.** The Recitals above are incorporated herein.

B. **Project.** The Project is the re-design and construction of the widening of the intersection of DB Wood Drive and SH 29. The County will cause the plans and specifications for the Project, including the Additional Design, to be prepared in compliance with all applicable governmental rules and regulations, including environmental regulations, as well as good engineering and design practices. TxDOT will construct the Project based on said design and specifications.

C. **Additional Design of Project.** The Additional Design for the Project shall include

those items listed in Exhibit "A", attached hereto and incorporated herein.

D. **Developer Participation.** Developer agrees to pay all costs related to the Additional Design of the Project, with an estimated cost of FIFTY THOUSAND DOLLARS ($50,000) (the "**Developer Funding**"). The Developer Funding shall be due and owing to the County within ten days after receipt of written notice to Developer that such payment is due. Engineering invoices will be used as backup for invoice amounts.

E. **County Participation**. The County agrees to pay for all Design costs other than those described in Section D above. The Developer will have no responsibility to the County for any costs of the Project other than as described in Section D. above. County will also provide to Developer, at Developer's request, all current Project design files. TxDOT may require the Developer to participate in the construction costs related to the Additional Design.

II.

GENERAL PROVISIONS

A. **Severability.** The provisions of this Agreement are severable and, if any provision of this Agreement is held to be invalid for any reason by a court or agency of competent jurisdiction, the remainder of this Agreement shall not be affected and this Agreement shall be construed as if the invalid portion had never been contained herein.

B. **Cooperation.** The Parties agree to cooperate at all times in good faith to effectuate the purposes and intent of this Agreement.

C. **Entire Agreement.** This Agreement contains the entire agreement of the Parties regarding the sharing of costs for the Project and supersedes all prior or contemporaneous understandings or representations, whether oral or written, regarding the subject matter.

D. **Amendments.** Any amendment of this Agreement must be in writing and shall be effective if signed by the authorized representatives of both of the Parties.

E. **Assignment.** Developer may not assign its obligations under this Agreement to a third party without the express written consent of the County (which consent shall not be unreasonably withheld, conditioned, or denied).

F. **Termination.** If the County and/or TxDOT elect not to proceed with the Project as contemplated in the Agreement between the County and TxDOT, the County shall notify the Developer in writing of such election and return the Developer Funding to the Developer and, upon the refund of the Developer Funding, this Agreement and the obligations of both Parties hereunder will terminate and of no further force or effect.

G. **Applicable Law; Venue.** This Agreement shall be construed in accordance with Texas law. Venue for any action arising hereunder shall be in Williamson County, Texas.

H. **Force Majeure.** The Parties shall not be deemed in violation of this Agreement if they

prevented from performing any of their obligations hereunder by reasons of Force Majeure. As used herein, "Force Majeure" means any period of delay experienced by due to strikes, civil riots, war, invasion, fire or other casualty, Acts of God, unavailability of labor or materials, adverse weather conditions, act or failure to act of governmental authorities other than the County, defaults of the other party to this Agreement, or other causes beyond the reasonable control of the performing party, provided that the Party affected by such delay promptly gives notice of such event of Force Majeure to the other Party and uses due diligence to resume performance as soon as reasonably practicable.

.I. **Exhibit.** The following exhibit is attached to this Agreement and incorporated herein by reference:

Exhibit "A" - Additional Design Items

J. **Counterparts.** To facilitate execution, this Agreement may be executed in any number of counterparts, and it will not be necessary that the signatures of all Parties be contained on any one counterpart. Additionally, for purposes of facilitating the execution of this Agreement: (a) the signature pages taken from separate, individually executed counterparts of this Agreement may be combined to form multiple fully executed counterparts; and (b) a facsimile signature will be deemed to be an original signature for all purposes. All executed counterparts of this Agreement will be deemed to be originals, but all such counterparts, when taken together, will constitute one and the same instrument

K. **Authority**. Each Party represents and warrants that it has the full right, power and authority to execute this Agreement.

L. **Notices.** Notices provided hereunder shall be sufficient if forwarded to the other Party by hand-delivery or via U.S. Postal Service, postage prepaid, to the address of the other Party shown below:

THE COUNTY: Williamson County
Attn: County Judge
710 Main St., suite 101
Georgetown, TX 78628

DEVELOPER: _____
_____
_____
Attn: _____

M. **No Joint Venture**. It is acknowledged and agreed by the Parties that the terms hereof are not intended to and shall not be deemed to create any partnership or joint venture between the Parties.

N. **Interested Parties.** Developer acknowledges that Texas Government Code Section 2252.908 ("*Section 2252.908*") requires disclosure of certain matters by contractors

entering into a contract with a local government entity such as the County. Developer confirms that it has reviewed Section 2252.908 and will 1) complete FORM 1295, using the unique identification number specified on page 1 of this Agreement, and electronically file it with the Texas Ethics Commission ("*TEC*"); and 2) submit the signed Form 1295, including the certification of filing number of the Form 1295 with the TEC, to the County at the same time Developer executes and submits this Agreement to the County. Form 1295 is available at the TEC's website: https://www.ethics.state.tx.us/whatsnew/elf_info_form1295.htm. This Agreement is not effective until the requirements listed above are satisfied and any award of this Agreement by the County is expressly made contingent upon Developer' compliance with such requirements. **The signed Form 1295 may be submitted to the County in an electronic format.**

O. Conflicts of Interest. Developer acknowledges that Texas Local Government Code Chapter 176 ("*Chapter 176*") requires the disclosure of certain matters by contractors doing business with or proposing to do business with local government entities such as the County. Developer confirms that it has reviewed Chapter 176 and, if it is required to do so, will complete and return FORM CIQ promulgated by the TEC and available on the TEC website at https://www.ethics.state.tx.us/forms/CIQ-New-2015.pdf within seven days of the date of submitting this Agreement to the County or within seven days of becoming aware of a matter that requires disclosure under Chapter 176, whichever is applicable.

P. Verification Under Chapter 2270, Texas Government Code. For purposes of Chapter 2270 of the Texas Government Code, Developer represents and warrants that, at the time of execution and delivery of this Agreement, neither Developer, nor any wholly owned subsidiary, majority owned subsidiary, parent company, or affiliate of Developer, boycotts Israel. Developer agrees that, except to the extent otherwise required by applicable federal law, including, without limitation, 50 U.S.C. Section 4607, neither Developer, nor any wholly owned subsidiary, majority owned subsidiary, parent company, or affiliate of Developer, will boycott Israel during the term of this Agreement. The terms "boycotts Israel" and "boycott Israel" as used in this provision have the same meaning assigned to the term "boycott Israel" in Section 808.001 of the Texas Government Code.

Q. Verification Under Chapter 2252, Texas Government Code. For purposes of Subchapter F of Chapter 2252 of the Texas Government Code, Developer represents and warrants that, at the time of execution and delivery of this Agreement, neither Developer, nor any wholly owned subsidiary, majority owned subsidiary, parent company, or affiliate of Developer, (i) engages in business with Iran, Sudan, or any foreign terrorist organization as described in Chapters 806 or 807 of the Texas Government Code, or Subchapter F of Chapter 2252 of the Texas Government Code, or (ii) is a company listed by the Texas Comptroller under Sections 2270.0201 or 2252.153 of the Texas Government Code. The term "foreign terrorist organization" as used in this provision has the same meaning assigned to such term in Section 2252.151 of the Texas Government Code.

THE COUNTY:

WILLIAMSON COUNTY, TEXAS

By: _____
Bill Gravell Jr, County Judge

ATTEST:

_____
Nancy Rister, County Clerk

Date: _____

STATE OF TEXAS §
§
COUNTY OF WILLIAMSON §

On this ____ day of _____, 201__, before me, the undersigned notary public, personally appeared Judge Bill Gravell Jr, known to me to be the person whose name is subscribed to the within instrument and acknowledged that he executed the same for the purposes therein stated.

_____
Notary Public, State of Texas

MORRIS CORNERS COLLECTION, LTD.:

BY: Corners & Covers, LLC
Its General Partner

BY: Sharon K Morris
Sharon K. Morris
Its: Manager

Date: April 16, 2019

STATE OF TEXAS §

COUNTY OF HARRIS §

MICHAEL LEE BANKSTON
Notary Public, State of Texas
My Commission Expires
September 25, 2019

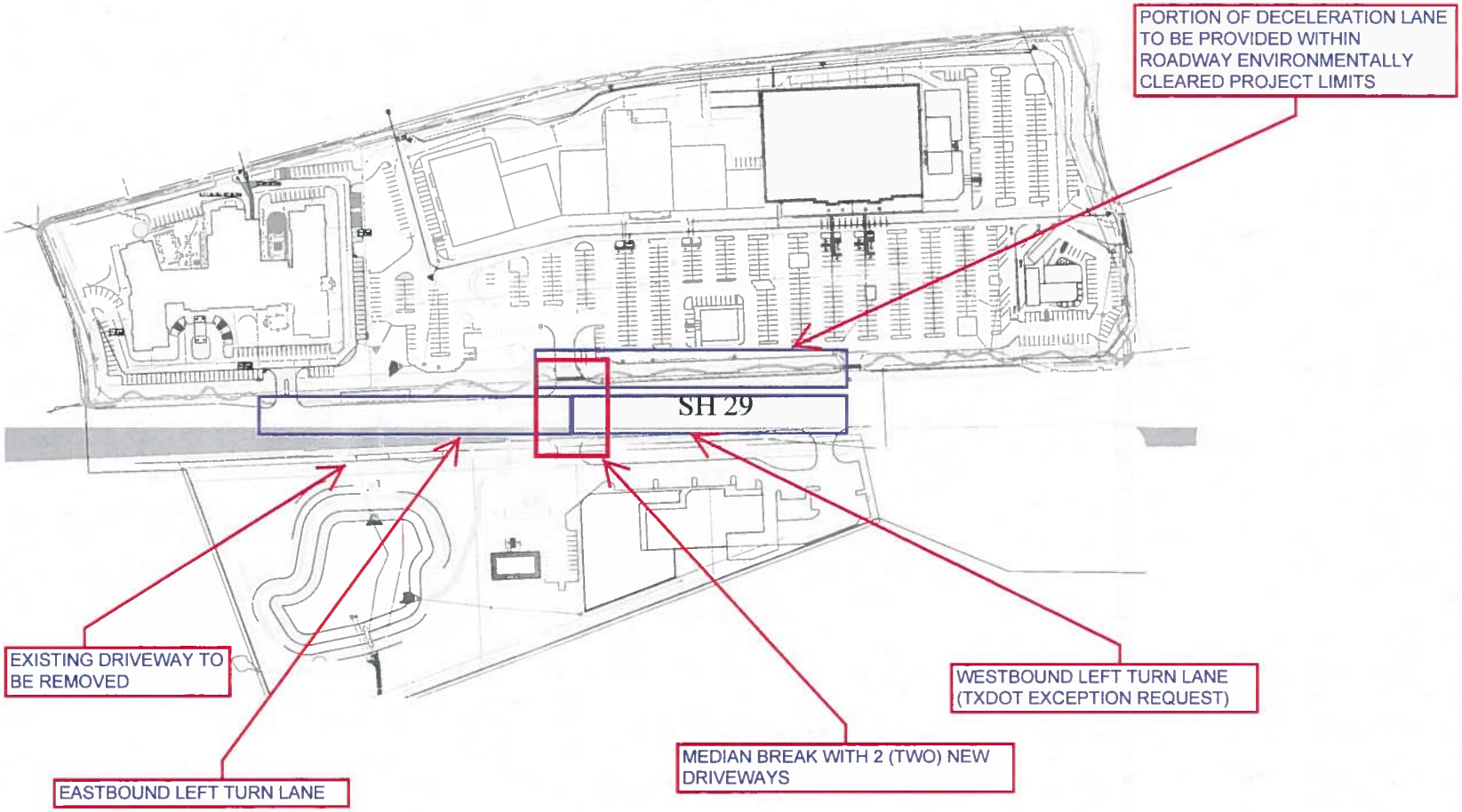
On this 16th day of April, 2019, before me, the undersigned notary public, personally appeared Sharon K. Morris, known to me to be the person whose name is subscribed to the within instrument and acknowledged that he executed the same for the purposes therein stated.

Michael S. Bankston
Notary Public, State of Texas

EXHIBIT "A"
Additional Design Items

- Two (2) new driveways, at the approximate locations as shown on Exhibit A-1, attached, will be added.
- One median opening with both the westbound and the eastbound left turn lane, as shown on Exhibit A-1, attached, will be added.
- Prepare and obtain approval of Exception request from TxDOT for left turn lane design.
- Add portion of deceleration lane within the Project limits as allowed under current Environmental clearance approval.

EXHIBIT A-1


PORTION OF DECELERATION LANE TO BE PROVIDED WITHIN ROADWAY ENVIRONMENTALLY CLEARED PROJECT LIMITS
SH 29
EXISTING DRIVEWAY TO BE REMOVED
EASTBOUND LEFT TURN LANE
MEDIAN BREAK WITH 2 (TWO) NEW DRIVEWAYS
WESTBOUND LEFT TURN LANE (TXDOT EXCEPTION REQUEST)

Commissioners Court - Regular Session **38.**

Meeting Date: 04/23/2019

TXDOT Resolution

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 Resolution for an Advance Funding Agreement with TXDOT regarding RM 2243 from 183A to IH-35.

Background

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

TXDOT Resolution

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Andrea Schiele	04/18/2019 10:27 AM
Form Started By: Charlie Crossfield		Started On: 04/18/2019 10:05 AM
Final Approval Date: 04/18/2019		

STATE OF TEXAS	*****	***THE COMMISSIONERS COURT OF***
COUNTY OF WILLIAMSON	*****	***WILLIAMSON COUNTY, TEXAS***

KNOW ALL MEN BY THESE PRESENT that on this, the 23rd day of April 2019, the Commissioners Court of Williamson County, Texas, met in duly called session at the Courthouse in Georgetown, Texas and at said meeting, among other business, the Court considered the following.

RESOLUTION:

WHEREAS, A Local Transportation Project Advance Funding Agreement with TXDOT which will authorize the County to undertake Preliminary Design and Environmental Clearance to upgrade RM 2243 from US 183A to IH-35 called "Project" which would benefit the citizens of Williamson County.

Now therefore, the Williamson County Commissioners Court does hereby enter into this agreement with the Texas Department of Transportation.

RESOLVED this ___ day of _____, 2019.

_____
Bill Gravell Jr., County Judge

Attest:

_____
Nancy E. Rister, County Clerk

Commissioners Court - Regular Session **39.**

Meeting Date: 04/23/2019

TXDOT Advance Funding 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 Local Transportation Project Advance Funding Agreement with TXDOT regarding design and environmental clearance for the RM 2243 from 183A to IH-35 Project.

Background

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

TXDOT AFA

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Andrea Schiele	04/18/2019 10:29 AM
Form Started By: Charlie Crossfield		Started On: 04/18/2019 10:07 AM
Final Approval Date: 04/18/2019		

CSJ #2103-01-038
District #14-AUS
Code Chart 64 #50246
Project: RM 2243 PE only
Federal Highway Administration
CFDA Title: Highway Planning and Construction
CFDA No.:20.205
Not Research and Development

STATE OF TEXAS §

COUNTY OF TRAVIS §

LOCAL TRANSPORTATION PROJECT ADVANCE FUNDING AGREEMENT For A Surface Transportation Block Grant Program (STBG) Preliminary Engineering and Environmental On-System Project

THIS Local Project Advance Funding Agreement (LPAFA) is made by and between the State of Texas, acting by and through the Texas Department of Transportation, called the "State", and the County of Williamson, acting by and through its duly authorized officials, called the "Local Government."

WITNESSETH

WHEREAS, a Master Agreement between the Local Government and the State has been adopted and states the general terms and conditions for transportation projects developed through this LPAFA; and,

WHEREAS, the Texas Transportation Commission passed Minute Order Number 115291 that provides for the development of, and funding for, the Project described herein; and,

WHEREAS, the Governing Body of the Local Government has approved entering into this LPAFA by resolution or ordinance dated _____, 20__, which is attached to and made a part of this agreement as Attachment A for the development of the Project. A map showing the Project location appears in Attachment B, which is attached to and made a part of this agreement; and,

WHEREAS, the Project is not currently listed and approved in the Unified Transportation Program (UTP), the Texas Transportation Commission has not authorized funding for the construction of the Project, and both parties intend that no costs for construction or other work elements of the Project, not specifically identified as reimbursable under this agreement will be requested or reimbursed.

NOW, THEREFORE, in consideration of the premises and of the mutual covenants and agreements of the parties, to be by them respectively kept and performed as hereinafter set forth, it is agreed as follows:

AGREEMENT

1. **Period of the Agreement**
   The period of this LPAFA is as stated in the Master Agreement, without exception.

2. **Termination of this LPAFA**
   Termination of this LPAFA shall be under the conditions as stated in the Master Agreement. This LPAFA may be terminated by the State if the Project is inactive for thirty-six (36) months or longer and no expenditures have been charged against federal funds.

3. **Amendments**
   Amendments to this LPAFA shall be made as described in the Master Agreement, without exception.

4. **Scope of Work**
   The scope of work for this LPAFA is described as Preliminary Design and Environmental Clearance to upgrade RM 2243 from US 183A to IH-35 called “Project”.

5. **Right of Way and Real Property**
   Right of way and real property shall be the responsibility of the Local Government as stated in the Master Agreement, without exception.

6. **Utilities**
   Adjustment of utilities will be provided by the Local Government as required and as stated in the Master Agreement, without exception.

7. **Environmental Assessment and Mitigation**
   Environmental assessment and mitigation will be carried out as stated in the Master Agreement. Additionally, before the advertisement for bids, the Local Government shall provide to the State written documentation from the appropriate regulatory agency or agencies that all environmental clearances have been obtained.

8. **Compliance with Accessibility Standards**
   All parties to this Agreement shall ensure that the plans for and the construction of all projects subject to this Agreement are in compliance with standards issued or approved by the Texas Department of Licensing and Regulation (TDLR) as meeting or consistent with minimum accessibility requirements of the Americans with Disabilities Act (P.L. 101-336) (ADA).

9. **Architectural and Engineering Services**
   Architectural and engineering services will be provided by the Local Government. The Local Government is responsible for performance of any required architectural or preliminary engineering work. For projects on the state highway system, the design shall, at a minimum conform to applicable State manuals. For projects not on the state highway system, the design shall, at a minimum, conform to applicable *American Association of State Highway and Transportation Officials* design standards. The State may review and comment on the work as required to accomplish the public purposes of the Local Government. The Local Government will cooperate fully with the State in accomplishing these local public purposes to the degree permitted by State and Federal law.

10. **Construction Responsibilities**
    Construction responsibilities will be carried out by the State as stated in the Master Agreement.

11. **Project Maintenance**
    Project maintenance will be undertaken as provided for in the Master Agreement, without exception.

12. Local Project Sources and Uses of Funds

A. A Project Budget Estimate is provided in Attachment C. The State and the Federal Government will not reimburse the Local Government for any work performed before the federal spending authority is formally obligated to the Project by the Federal Highway Administration. After federal funds have been obligated, the State will send to the Local Government a copy of the formal documentation showing the obligation of funds including federal award information. The Local Government is responsible for one hundred percent (100%) of the cost of any work performed under its direction or control before the Federal spending authority is formally obligated.

B. If the Local Government will perform any work under this contract for which reimbursement will be provided by or through the State, the Local Government must complete training before federal spending authority is obligated. Training is complete when at least one individual who is working actively and directly on the Project successfully completes and receives a certificate for the course entitled *Local Government Project Procedures and Qualification for the Texas Department of Transportation*. The Local Government shall provide the certificate of qualification to the State. The individual who receives the training certificate may be an employee of the Local Government or an employee of a firm that has been contracted by the Local Government to perform oversight of the Project. The State in its discretion may deny reimbursement if the Local Government has not designated a qualified individual to oversee the Project.

C. A Source of Funds estimate based on the Transportation Improvement Program (TIP) is also provided in Attachment C. Attachment C shows the percentage and estimated dollar amount to be contributed to the project by federal, state, and local sources. The parties agree that the LPAFA may be amended from time to time as required to meet the funding commitments based on revisions to the TIP, Federal Project Authorization and Agreement (FPAA), or other federal document.

D. The Local Government is responsible for all non-federal and non-state funding, unless otherwise provided for in this agreement or through amendment of this agreement. Where Special Approval has been granted by the State, the Local Government shall only in that instance be responsible for overruns in excess of the amount to be paid by the Local Government.

E. Prior to the performance of any engineering review work by the State, the Local Government will pay to the State the amount specified in Attachment C. At a minimum, this amount shall equal the Local Government's funding share for the estimated cost of preliminary engineering for the project. At least sixty (60) days prior to the date set for receipt of the construction bids, the Local Government shall remit its remaining financial share for the State’s estimated construction oversight and construction costs.

F. Whenever funds are paid by the Local Government to the State under this Agreement, the Local Government shall remit a check or warrant made payable to the "Texas Department of Transportation." The check or warrant shall be deposited by the State and managed by the State. Funds may only be applied by the State to the Project. If after final Project accounting any excess funds remain, those funds may be applied by the State to the Local Government's contractual obligations to the State under another advance funding agreement with approval by appropriate personnel of the Local Government.

G. If any existing or future local ordinances, commissioners court orders, rules, policies, or other directives, including but not limited to outdoor advertising billboards and storm water drainage

facility requirements, are more restrictive than State or Federal Regulations, or if any other locally proposed changes, including but not limited to plats or replats, result in increased costs, then any increased costs associated with the ordinances or changes will be paid by the Local Government. The cost of providing right of way acquired by the State shall mean the total expenses in acquiring the property interests either through negotiations or eminent domain proceedings, including but not limited to expenses related to relocation, removal, and adjustment of eligible utilities.

H. When Special Approval has been granted by the State so that the Local Government bears the responsibility for paying cost overruns, the Local Government shall make payment to the State within thirty (30) days from receipt of the State's written notification of those amounts.

I. The state auditor may conduct an audit or investigation of any entity receiving funds from the State directly under this contract or indirectly through a subcontract under this contract. Acceptance of funds directly under this contract or indirectly through a subcontract under this contract acts as acceptance of the authority of the state auditor, under the direction of the legislative audit committee, to conduct an audit or investigation in connection with those funds. Any entity that is the subject of an audit or investigation must provide the state auditor with access to any information the state auditor considers relevant to the investigation or audit.

J. Payment under this contract beyond the end of the current fiscal biennium is subject to availability of appropriated funds. If funds are not appropriated, this contract shall be terminated immediately with no liability to either party.

K. The Local Government is authorized to submit requests for reimbursement by submitting the original of an itemized invoice in a form and containing all items required by the State no more frequently than monthly and no later than ninety (90) days after costs are incurred. If the Local Government submits invoices more than ninety (90) days after the costs are incurred, and if federal funding is reduced as a result, the State shall have no responsibility to reimburse the Local Government for those costs.

13. Document and Information Exchange

The Local Government agrees to electronically deliver to the State all general notes, specifications, contract provision requirements, and related documentation in a Microsoft® Word or similar document. If requested by the State, the Local Government will use the State's document template. The Local Government shall also provide a detailed construction time estimate including types of activities and month in the format required by the State. This requirement applies whether the Local Government creates the documents with its own forces or by hiring a consultant or professional provider. At the request of the State, the Local Government shall submit any information required by the State in the format directed by the State.

14. Incorporation of Master Agreement Provisions

This LPAFA incorporates all of the governing provisions of the Master Agreement in effect on the date of final execution of this LPAFA, unless an exception has been made in this agreement.

15. Insurance

If this Agreement authorizes the Local Government or its contractor to perform any work on State right of way, before beginning work the entity performing the work shall provide the State with a fully executed copy of the State's Form 1560 Certificate of Insurance verifying the existence of coverage in the amounts and types specified on the Certificate of Insurance for all persons and

entities working on State right of way. This coverage shall be maintained until all work on the State right of way is complete. If coverage is not maintained, all work on State right of way shall cease immediately, and the State may recover damages and all costs of completing the work.

16. Debarment Certification

The parties are prohibited from making any award at any tier to any party that is debarred or suspended or otherwise excluded from or ineligible for participation in Federal Assistance Programs under Executive Order 12549, "Debarment and Suspension." By executing this Agreement, the Local Government certifies that it and its principals are not currently debarred, suspended, or otherwise excluded from or ineligible for participation in Federal Assistance Programs under Executive Order 12549 and further certifies that it will not do business with any party, to include principals, that is currently debarred, suspended, or otherwise excluded from or ineligible for participation in Federal Assistance Programs under Executive Order 12549. The parties to this contract shall require any party to a subcontract or purchase order awarded under this contract to certify its eligibility to receive federal funds and, when requested by the State, to furnish a copy of the certification.

17. Cost Principles and Office of Management and Budget (OMB) Audit Requirements

In order to be reimbursed with federal funds, the parties shall comply with the Cost Principles established in 2 CFR 200 that specify that all reimbursed costs are allowable, reasonable, and allocable to the Project.

18. Notices

All notices to either party shall be delivered personally or sent by certified or U.S. mail, postage prepaid, addressed to that party at the following address:

Local Government:	**State:**
Williamson County County Judge 710 Main Street, #201 Georgetown, TX 78626	Director of Contract Services Texas Department of Transportation 125 E. 11th Street Austin, Texas 78701

All notices shall be deemed given on the date delivered in person or deposited in the mail, unless otherwise provided by this agreement. Either party may change the above address by sending written notice of the change to the other party. Either party may request in writing that notices shall be delivered personally or by certified U.S. mail, and that request shall be carried out by the other party.

19. Civil Rights Compliance

A. Compliance with Regulations: The Local Government will comply with the Acts and the Regulations relative to Nondiscrimination in Federally-assisted programs of the U.S. Department of Transportation (USDOT), the Federal Highway Administration (FHWA), as they

may be amended from time to time, which are herein incorporated by reference and made part of this agreement.

B. Nondiscrimination: The Local Government, with regard to the work performed by it during the contract, will not discriminate on the grounds of race, color, or national origin in the selection and retention of subcontractors, including procurement of materials and leases of equipment. The Local Government will not participate directly or indirectly in the discrimination prohibited by the Acts and the Regulations, including employment practices when the contract covers any activity, project, or program set forth in Appendix B of 49 CFR Part 21.

C. Solicitations for Subcontracts, Including Procurement of Materials and Equipment: In all solicitations either by competitive bidding or negotiation made by the Local Government for work to be performed under a subcontract, including procurement of materials or leases of equipment, each potential subcontractor or supplier will be notified by the Local Government of the Local Government's obligations under this contract and the Acts and Regulations relative to Nondiscrimination on the grounds of race, color, or national origin.

D. Information and Reports: The Local Government will provide all information and reports required by the Acts, the Regulations, and directives issued pursuant thereto, and will permit access to its books, records, accounts, other sources of information, and facilities as may be determined by the State or the FHWA to be pertinent to ascertain compliance with such Acts, Regulations or directives. Where any information required of the Local Government is in the exclusive possession of another who fails or refuses to furnish this information, the Local Government will so certify to the State or the Federal Highway Administration, as appropriate, and will set forth what efforts it has made to obtain the information.

E. Sanctions for Noncompliance: In the event of the Local Government's noncompliance with the Nondiscrimination provisions of this contract, the State will impose such contract sanctions as it or the FHWA may determine to be appropriate, including, but not limited to:

a. withholding of payments to the Local Government under the contract until the Local Government complies and/or
b. cancelling, terminating, or suspending of the contract, in whole or in part.

F. Incorporation of Provisions: The Local Government will include the provisions of paragraphs (A) through (F) in every subcontract, including procurement of materials and leases of equipment, unless exempt by the Acts, the Regulations and directives issued pursuant thereto. The Local Government will take such action with respect to any subcontract or procurement as the State or the FHWA may direct as a means of enforcing such provisions including sanctions for noncompliance. Provided, that if the Local Government becomes involved in, or is threatened with, litigation with a subcontractor or supplier because of such direction, the Local Government may request the State to enter into such litigation to protect the interests of the State. In addition, the Local Government may request the United States to enter into such litigation to protect the interests of the United States.

20. Disadvantaged Business Enterprise (DBE) Program Requirements

A. The parties shall comply with the Disadvantaged Business Enterprise Program requirements established in 49 CFR Part 26.

B. The Local Government shall adopt, in its totality, the State's federally approved DBE program.

C. The Local Government shall set an appropriate DBE goal consistent with the State's DBE guidelines and in consideration of the local market, project size, and nature of the goods or

services to be acquired. The Local Government shall have final decision-making authority regarding the DBE goal and shall be responsible for documenting its actions.

D. The Local Government shall follow all other parts of the State's DBE program referenced in TxDOT Form 2395, Memorandum of Understanding Regarding the Adoption of the Texas Department of Transportation's Federally-Approved Disadvantaged Business Enterprise by Entity, and attachments found at web address http://ftp.dot.state.tx.us/pub/txdot-info/bop/dbe/mou/mou_attachments.pdf.

E. The Local Government shall not discriminate on the basis of race, color, national origin, or sex in the award and performance of any U.S. Department of Transportation (DOT)-assisted contract or in the administration of its DBE program or the requirements of 49 CFR Part 26. The Local Government shall take all necessary and reasonable steps under 49 CFR Part 26 to ensure non-discrimination in award and administration of DOT-assisted contracts. The State's DBE program, as required by 49 CFR Part 26 and as approved by DOT, is incorporated by reference in this agreement. Implementation of this program is a legal obligation and failure to carry out its terms shall be treated as a violation of this agreement. Upon notification to the Local Government of its failure to carry out its approved program, the State may impose sanctions as provided for under 49 CFR Part 26 and may, in appropriate cases, refer the matter for enforcement under 18 U.S.C. 1001 and the Program Fraud Civil Remedies Act of 1986 (31 U.S.C. 3801 et seq.).

F. Each contract the Local Government signs with a contractor (and each subcontract the prime contractor signs with a sub-contractor) must include the following assurance: *The contractor, sub-recipient, or sub-contractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of DOT-assisted contracts. Failure by the contractor to carry out these requirements is a material breach of this agreement, which may result in the termination of this agreement or such other remedy as the recipient deems appropriate*.

21. Federal Funding Accountability and Transparency Act Requirements

A. Any recipient of funds under this Agreement agrees to comply with the Federal Funding Accountability and Transparency Act (FFATA) and implementing regulations at 2 CFR Part 170, including Appendix A. This agreement is subject to the following award terms: http://www.gpo.gov/fdsys/pkg/FR-2010-09-14/pdf/2010-22705.pdf and http://www.gpo.gov/fdsys/pkg/FR-2010-09-14/pdf/2010-22706.pdf

B. The Local Government agrees that it shall:

1. Obtain and provide to the State a System for Award Management (SAM) number (Federal Acquisition Regulation, Part 4, Sub-part 4.11) if this award provides more than $25,000 in Federal funding. The SAM number may be obtained by visiting the SAM website whose address is: https://www.sam.gov/portal/public/SAM/
2. Obtain and provide to the State a Data Universal Numbering System (DUNS) number, a unique nine-character number that allows the Federal government to track the distribution of federal money. The DUNS number may be requested free of charge for all businesses and entities required to do so by visiting the Dun & Bradstreet (D&B) on-line registration website http://fedgov.dnb.com/webform; and
3. Report the total compensation and names of its top five (5) executives to the State if:

i. More than 80% of annual gross revenues are from the Federal government, and those revenues are greater than $25,000,000; and
ii. The compensation information is not already available through reporting to the U.S. Securities and Exchange Commission.

22. Single Audit Report

A. The parties shall comply with the requirements of the Single Audit Act of 1984, P.L. 98-502, ensuring that the single audit report includes the coverage stipulated in 2 CFR 200.

B. If threshold expenditures of $750,000 or more are met during the fiscal year, the Local Government must submit a Single Audit Report and Management Letter (if applicable) to TxDOT's Compliance Division, 125 East 11th Street, Austin, TX 78701 or contact TxDOT's Compliance Division at singleaudits@txdot.gov.

C. If expenditures are less than the threshold during the Local Government's fiscal year, the Local Government must submit a statement to TxDOT's Compliance Division as follows: "We did not meet the $_____ expenditure threshold and therefore, are not required to have a single audit performed for FY _____."

D. For each year the project remains open for federal funding expenditures, the Local Government will be responsible for filing a report or statement as described above. The required annual filing shall extend throughout the life of the agreement, unless otherwise amended or the project has been formally closed out and no charges have been incurred within the current fiscal year.

23. Pertinent Non-Discrimination Authorities

During the performance of this contract, the Local Government, for itself, its assignees, and successors in interest agree to comply with the following nondiscrimination statutes and authorities; including but not limited to:

A. Title VI of the Civil Rights Act of 1964 (42 U.S.C. § 2000d et seq., 78 stat. 252), (prohibits discrimination on the basis of race, color, national origin); and 49 CFR Part 21.

B. The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (42 U.S.C. § 4601), (prohibits unfair treatment of persons displaced or whose property has been acquired because of Federal or Federal-aid programs and projects).

C. Federal-Aid Highway Act of 1973, (23 U.S.C. § 324 et seq.), as amended, (prohibits discrimination on the basis of sex).

D. Section 504 of the Rehabilitation Act of 1973, (29 U.S.C. § 794 et seq.) as amended, (prohibits discrimination on the basis of disability); and 49 CFR Part 27.

E. The Age Discrimination Act of 1975, as amended, (42 U.S.C. § 6101 et seq.), (prohibits discrimination on the basis of age).

F. Airport and Airway Improvement Act of 1982, (49 U.S.C. Chapter 471, Section 47123), as amended, (prohibits discrimination based on race, creed, color, national origin, or sex).

G. The Civil Rights Restoration Act of 1987, (PL 100-209), (Broadened the scope, coverage and applicability of Title VI of the Civil Rights Act of 1964, The Age Discrimination Act of 1975 and Section 504 of the Rehabilitation Act of 1973, by expanding the definition of the terms "programs or activities" to include all of the programs or activities of the Federal-aid recipients, subrecipients and contractors, whether such programs or activities are Federally funded or not).

H. Titles II and III of the Americans with Disabilities Act, which prohibits discrimination on the basis of disability in the operation of public entities, public and private transportation systems, places of public accommodation, and certain testing entities (42 U.S.C. §§ 12131-12189) as implemented by Department of Transportation regulations at 49 C.F.R. parts 37 and 38.

I. The Federal Aviation Administration's Nondiscrimination statute (49 U.S.C. § 47123) (prohibits discrimination on the basis of race, color, national origin, and sex).

J. Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations, which ensures nondiscrimination against minority populations by discouraging programs, policies, and activities with disproportionately high and adverse human health or environmental effects on minority and low-income populations.

K. Executive Order 13166, Improving Access to Services for Persons with Limited English Proficiency, and resulting agency guidance, national origin discrimination includes discrimination because of limited English proficiency (LEP). To ensure compliance with Title VI, the parties must take reasonable steps to ensure that LEP persons have meaningful access to the programs (70 Fed. Reg. at 74087 to 74100).

L. Title IX of the Education Amendments of 1972, as amended, which prohibits the parties from discriminating because of sex in education programs or activities (20 U.S.C. 1681 et seq.).

24. Signatory Warranty

Each signatory warrants that the signatory has necessary authority to execute this agreement on behalf of the entity represented.

THIS AGREEMENT IS EXECUTED by the State and the Local Government in duplicate.

THE LOCAL GOVERNMENT

_____
Bill Gravell Jr.
Williamson County Judge

_____
Date

THE STATE OF TEXAS

_____
Kenneth Stewart
Director of Contract Services
Texas Department of Transportation

_____
Date

CSJ #2103-01-038
District #14-AUS
Code Chart 64 #50246
Project: RM 2243 PE only
Federal Highway Administration
CFDA Title: Highway Planning and Construction
CFDA No.:20.205
Not Research and Development

ATTACHMENT A
RESOLUTION OR ORDINANCE

STATE OF TEXAS	*****	***THE COMMISSIONERS COURT OF***
COUNTY OF WILLIAMSON	*****	***WILLIAMSON COUNTY, TEXAS***

KNOW ALL MEN BY THESE PRESENT that on this, the 23rd day of April 2019, the Commissioners Court of Williamson County, Texas, met in duly called session at the Courthouse in Georgetown, Texas and at said meeting, among other business, the Court considered the following.

RESOLUTION:

WHEREAS, A Local Transportation Project Advance Funding Agreement with TXDOT which will authorize the County to undertake Preliminary Design and Environmental Clearance to upgrade RM 2243 from US 183A to IH-35 called "Project" which would benefit the citizens of Williamson County.

Now therefore, the Williamson County Commissioners Court does hereby enter into this agreement with the Texas Department of Transportation.

RESOLVED this ___ day of _____, 2019.

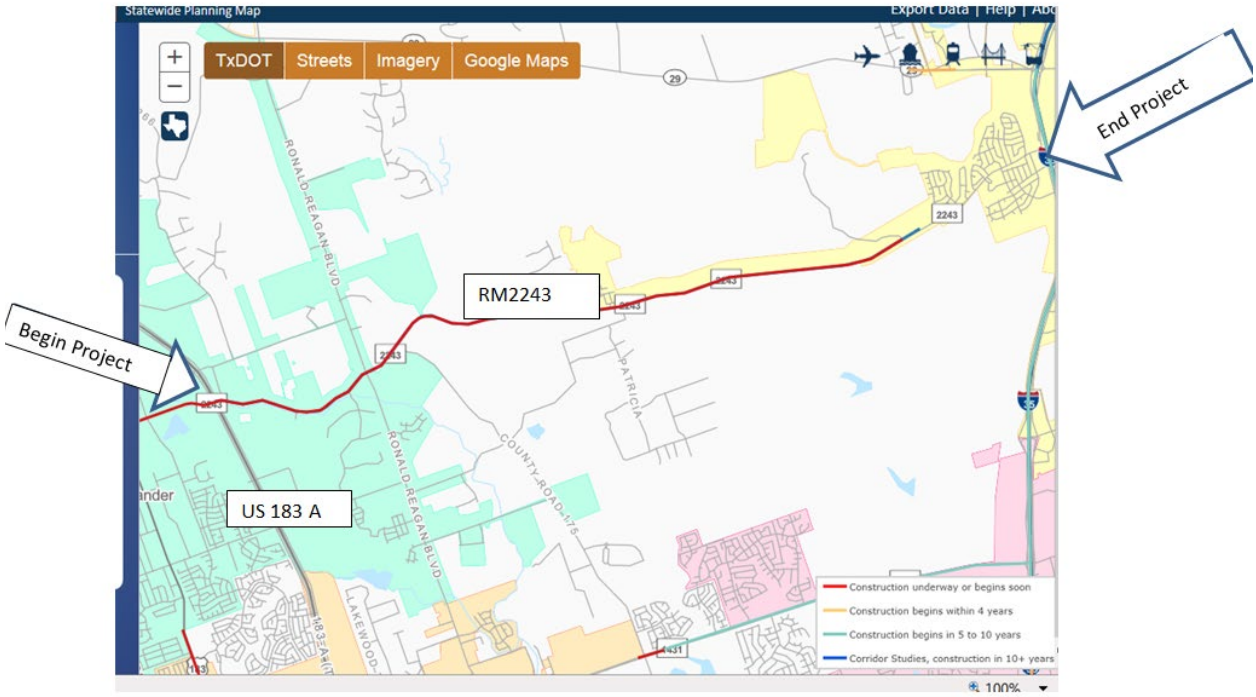
_____
Bill Gravell Jr., County Judge

Attest:

_____
Nancy E. Rister, County Clerk

CSJ #2103-01-038
District #14-AUS
Code Chart 64 #50246
Project: RM 2243 PE only
Federal Highway Administration
CFDA Title: Highway Planning and Construction
CFDA No.:20.205
Not Research and Development

ATTACHMENT B
PROJECT LOCATION MAP



CSJ #2103-01-038
District #14-AUS
Code Chart 64 #50246
Project: RM 2243 PE only
Federal Highway Administration
CFDA Title: Highway Planning and Construction
CFDA No.:20.205
Not Research and Development

ATTACHMENT C
PROJECT BUDGET ESTIMATE AND SOURCE OF FUNDS

Costs will be allocated based on 100% Federal funding and 0% Local Government funding until the federal funding reaches the maximum obligated amount. The Local Government will then be responsible for 100% of the costs.

Description	Total Estimated Cost	Federal Participation		State Participation		Local Participation	
		%	Cost	%	Cost	%	Cost
Environmental (by Local)	$1,800,000	100%	$1,800,000	0%	$0	TDC*)	450,000
Engineering (by Local)	$7,100,000	100%	$7,100,000	0%	$0	TDC*)	1,775,000
Subtotal	$8,900,000		$8,900,000		$0	TDC*)	2,225,000
Environmental Direct State Costs	$80,250	0%	$0	100%	$80,250	0%	$0
Right of Way Direct State Costs	$40,125	0%	$0	100%	$40,125	0%	$0
Engineering Direct State Costs	$374,500	0%	$0	100%	$374,500	0%	$0
Utility Direct State Costs	$40,125	0%	$0	100%	$40,125	0%	$0
Construction Direct State Costs	$0	0%	$0		$0	0%	$0
Indirect State Costs (5.33%)	$570,310	0%	$0	100%	$570,310	0%	$0
TOTAL	$10,005,310		$8,900,000		$1,105,310		$0

*) The Local Government is using a 25% match with 2,225,000 Transportation Development Credits (TDCs). 450,000 TDCs for Environmental and 1,775,000 TDCs for Engineering are being used instead of cash funds.
Initial payment by the Local Government to the State: $0.00.
Payment by the Local Government to the State before construction: $0.00
Estimated total payment by the Local Government to the State $0.00. This is an estimate.
The final amount of Local Government participation will be based on actual costs.

Commissioners Court - Regular Session **40.**

Meeting Date: 04/23/2019

Exeuctive 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 SW 183 and SH 29 Loop.
b) Discuss the acquisition of real property for CR 176 at RM 2243
c) Discuss the acquisition of real property: CR 101
d) Discuss the acquisition of real property: CR 200
e) Discuss the acquisition of real property for County Facilities.
f) Discuss the acquisition of real property for Seward Junction SE and SW Loop.
g) Discuss the acquisition of real property for SH 29 @ DB Wood.
h) Discuss the acquisition of real property for Hairy Man Rd.
i) Discuss the acquisition of real property for SW Bypass.
j) Discuss Somerset Road Districts No. 3 & 4 reimbursements for acquisition & construction of Reagan Blvd.
k) Discuss the acquisition of real property for CR 111.
l) Discuss the acquisition of real property for Corridor H
m) Discuss the acquisition of drainage easements on the Forest North Drainage Project.
n) Discuss the acquisition of real property for the expansion of Ronald Reagan at IH 35.
o) Discuss the acquisition of right-of-way for Corridor C.
p) Discuss the acquisition of right-of-way for Corridor F.
q) Discuss the acquisition of right-of-way for Corridor D.
r) Discuss the acquisition of right-of-way for Southeast Corridor.
s) Discuss the acquisition of right-of-way for Reagan extension.
t) Discuss the acquisition of property near the County landfill.
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 possible sale of +/- 10 acres located on Chandler Road near the County Sheriff's Office Training Facility
c) Potential governmental uses for 8th Street downtown parking lot
d) Discuss possible uses of property owned by Williamson County on Main St. between 3rd and 4th Streets. (formerly occupied by WCCHD)
e) Discuss property usage at Longhorn Junction
f) Discuss sale of excess 183A right of way to abutting property owner.
g) Discuss the sale of excess ROW at San Gabriel Parkway and Mel Mathis Ave.
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 Williamson County Reimbursement Agreement for Construction of San Gabriel Blvd. and New Hope Road with the City of Leander and TIRZ #1

Background

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

No file(s) attached.

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Andrea Schiele	04/18/2019 10:37 AM
Form Started By: Charlie Crossfield		Started On: 04/18/2019 10:09 AM
Final Approval Date: 04/18/2019		

Commissioners Court - Regular Session **41.**

Meeting Date: 04/23/2019

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) Wolf Lakes
c) Flint Hill Resources-Taylor Fuel Storage Terminal on CR 366
d) Project Deliver
e) Project Advantage
f) Project Cedar
g) Project Expansion

Background

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

No file(s) attached.

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Andrea Schiele	04/18/2019 10:39 AM
Form Started By: Charlie Crossfield		Started On: 04/18/2019 10:10 AM
Final Approval Date: 04/18/2019		