NOTICE TO THE PUBLIC
WILLIAMSON COUNTY COMMISSIONERS COURT
March 16, 2021
9:30 A.M.

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

1. Review and approval of minutes.

2. 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.

3. Public Comment Period. The Commissioners Court will conduct a Public Comment Period to allow members of the public to address the Court regarding matters pertaining to or affecting Williamson County but that do not appear as an Agenda Item on a meeting's Agenda. During such Public Comment Period, speakers shall be limited to a maximum of two (2) minutes to make his/her remarks and the maximum overall discussion time allowed for the Public Comment Period, regardless of the number of members of the public wishing to address the Court during such period, shall be limited to ten (10) minutes. Speaking time, to the extent possible, will be evenly allocated among speakers should more than five (5) speakers desire to speak during the Public Comment Period. Please 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 4 – 19)

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

Fiscal Impact

From/To	Acct No.	Description	Amount
From	0100.0576.003011	Computer Software	4,200.00
To	0100.0576.003010	Computer Equipment	4,200.00

5. Discuss, consider, and take appropriate action on authorizing the disposal of various county vehicles(s) and equipment assets through Auction including One (1) 2014 Chevy Tahoe and One (1) 2012 Parker Pressure Washer Trailer, pursuant to Tx. Local Gov't Code 263.152.

6. Discuss, consider, and take appropriate action on approving property tax refunds over $2,500.00 thru 03/102021 for the Williamson County Tax Assessor/Collector.

7. Discuss, consider, and take appropriate action on approving property tax collections for the month of February 2021 for the Williamson County Tax Assessor/Collector.

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 to approve Justice of the Peace, Pct. 4, January 2021 Monthly Report in compliance with Code of Crim. Proc. § 103.005.

10. Discuss, consider and take appropriate action on the 2020 Racial Profiling and Comprehensive Analysis Report from Williamson County Constable Pct. 1.

11. Discuss, consider and take appropriate action on appointing Ranjit (Randy) Chhabra to the Williamson County Child Welfare Board.

12. Discuss, consider, and take appropriate action on approving a new lease agreement between Pitney Bowes, Inc. and Williamson County for a new postage meter in the amount of $60.63 per month, pursuant to Sourcewell (formerly NJPA) Contract #041917-PIT, and authorizing the execution of the lease.

13. Discuss, consider, and take appropriate action on approving the lease agreements between Williamson County and Sharp Electronics Corp. for three (3) copiers in the amount of $54.47 per month per copier, pursuant to DIR contract #DIR-CPO-4433.

14. Discuss, consider and take appropriate action on approving the renewal of Smartnet with Presidio Networked Solutions Group in the amount of $70,699.47 per the terms of DIR Contract #DIR-TSO-4167 and authorizing execution of the quote.

15. Discuss, consider, and take appropriate action on accepting a report on the Williamson County Inner Loop Annex Project (P434); Vaughn Construction Change Order #41 in the amount of $24,773.00. This change order is being funded by owner's contingency from within the original project budget.

16. Discuss, consider and take appropriate action on Contract Amendment No 1 under Williamson County Contract for Engineering Services between Doucet & Associates and Williamson County dated July 16, 2019 for Engineering Services Smith Branch Flood Control near Juvenile Justice Center. Funding source: P519.

17. Discuss, consider and take appropriate action on an Oncor Power Distribution Line Easement between Williamson County and Oncor Electric Delivery Company, LLC relating to an easement that is necessary for operations at the Williamson County Landfill.

18. Discuss, consider and take appropriate action on approval of the preliminary plat for the Cher Acres subdivision – Precinct 3.

19. Discuss, consider and take appropriate action on approval of the revised preliminary plat for the Cool Water subdivision – Precinct 3.

REGULAR AGENDA

20. Discuss, consider, and take appropriate action on Interlocal Agreement for Fire Code and Investigations between the City of Bartlett and Williamson County.

21. Discuss, consider, and take appropriate action on Interlocal Agreement for Fire Code and Investigations between the City of Florence and Williamson County.

22. Discuss, consider, and take appropriate action on Interlocal Agreement for Fire Code and Investigations between the City of Granger and Williamson County.

23. Discuss, consider, and take appropriate action on Interlocal Agreement for Fire Code and Investigations between the City of Thrall and Williamson County.

24. Discuss, consider and take appropriate action on approving a blanket purchase order for fuel to Fuelman in the amount of $150,000 pursuant to Omnia Partners contract #R161501.

25. Discuss, consider and take appropriate action on allowing the Williamson County Sheriff's Office to use the vacant DPS building located at 515 Pine St., Georgetown for training purposes March 22-26, 2021.

26. Discuss, consider, and take appropriate action on approving the renewal between Clarity Ventures and Williamson County for DNN Evoq Content on production license with a Platinum Support Plan in the amount of $25,730.00 for one (1) year to support the operations of the Williamson County IT Department for the wilco.org website and authorizing the execution of the agreement.

27. Discuss, consider, and take appropriate action on a Line Item Transfer between Pretrial Services and the District Courts.

Fiscal Impact

From/To	Acct No.	Description	Amount
From	0100-0591-001107	Pretrial/Temp Labor	$29,671
To	0100-0435-001107	All Dist Cts/Temp Labor	$29,671
From	0100-0591-002010	Pretrial/FICA	$2,269.83
To	0100-0435-002010	All Dist Cts/FICA	$2,269.83

28. 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 Debt Services Fund.

Fiscal Impact

From/To	Acct No.	Description	Amount
	0600.0600.004098	Pymt to Refunding Escrow Agent	$194,864,476.55

29. 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 revenue for the Debt Service Fund.

Fiscal Impact

From/To	Acct No.	Description	Amount
	0600.0000.370400	Proceeds Fm Bond/CO Issuances	$193,430,000.00
	0600.0000.370401	Premium Fm Bond/CO Issuances	$1,434,476.55

30. Discuss and consider approving a line item transfer for the Debt Service Fund.

Fiscal Impact

From/To	Acct No.	Description	Amount
From	0600.0600.006631	Series 11 LTD Tax Refund-Int	$182,125.00
From	0600.0600.006632	Series 11 Pass-Thru Toll-Int	$126,656.75
From	0600.0600.006633	Series 12 LTD Tax Refund-Int	$1,707,381.75
From	0600.0600.006635	Series 13 LTD Tax Refund-Int	$1,060,700.00
From	0600.0600.006636	Series 13 Pass-Thru Toll-Int	$194,400.00
From	0600.0600.006637	Series 14 UNL Tax Road-Int	$688,597.80
To	0600.0600.004098	Pymt to Refunding Escrow Agent	$1,299,414.86
To	0600.0600.004099	Bond Issuance Costs	$1,579,584.54
To	0600.0600.006651	Series 21 Tx Refund-Int	$221,214.44
To	0600.0600.006652	Series 21 LTD Taxable Ref-Int	$859,647.46

31. Discuss, consider and take appropriate action on approving the transfer of $850,000 from P457 (LTP ROW) General Fund to P583 (Flood Infrastructure Fund) Grant Match.

32. Discuss, consider and take appropriate action on approving a 2020 Capital Improvement Program budget transfer to move $21,057.76 from P556 (Champion Park Restroom) to P557 (Regional Park Restroom).

33. Discuss and hear presentation from Human Resources about the 6th Edition of the Analytics Guide.

34. Discuss, consider and take appropriate action on a Resolution to support legislative efforts in the 87th Legislative Session to extend the timeline for the tax revenue program granted by Chapter 351 of the Texas Tax Code, for the Kalahari Resorts and Convention Center Project.

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

36. Receive the March 2021 Construction Summary Report and PowerPoint Presentation.

37. Discuss, consider, and take appropriate action regarding Change Order No. 5 in the amount of $-11,737.85 for CR 110 Middle (James Construction), a Road Bond project in Commissioner Pct. 4. P: 261 Funding Source: Road Bond

38. Discuss, consider, and take appropriate action regarding Change Order No. 7 in the amount of $6,519.31 for CR 110 Middle (James Construction), a Road Bond project in Commissioner Pct. 4. P: 261 Funding Source: Road Bond

39. Discuss, consider, and take appropriate action regarding Change Order #8 in the amount of $233,343.80 for CR 110 Middle (James Construction Group), a Road Bond project in Commissioner Pct. 4. P: 261 Funding Source: Road Bond

40. Discuss, consider, and take appropriate action on awarding IFB #T3082 Southeast Loop at Lakeside Demo - Phase 2 to HCS Inc. Commercial General Contractors and authorizing the execution of the agreement. Funding source is Project P463.

41. Discuss, consider and take appropriate action on awarding RFQ T1852 Anderson Mill Road (FM734/Palmer Ln to Loop 1), to American Structurepoint, Inc. for Engineering Services and authorizing the execution of the agreement. Funding source: P337

42. Discuss, consider and take appropriate action on awarding RFQ T1852 RM 620/SH 45 Intersection to McNeil Road HDR Engineering to HDR Engineering, Inc. for Engineering Services and authorizing the execution of the agreement.

43. Discuss, consider, and take appropriate action regarding Change Order #6 in the amount of $25,200.00 for Forest North Drainage Phase 3 (DeNucci Constructors, LLC), a Road Bond project in Commissioner Pct. 1. P: 225 Funding Source: Road Bond

44. Discuss, consider and take appropriate action on 3 Relocation Claims for Payment with Christopher and Amanda Robinson related to the right of way acquisition on the SE Loop project (Parcel 19). Funding Source: Road Bonds P463

45. Discuss, consider and take appropriate action on funding matters relating to Coronavirus Aid, Relief, and Economic Security (CARES) Act to include, but not be limited to hearing an update on the Wilco Forward grant program, setting budget priorities in relation to remaining CARES Act funds and possible future funding and allocation plans in relation to CARES Act funds.

46. Discuss, consider and take appropriate action on a Grant Administration Services Agreement between Williamson County and McCreary, Veselka, Bragg and Allen, P.C. for administration of CARES Act funding in relation to the Wilco Forward Small Business Grant Program Phase II; and exempt the purchase and procurement of such services from the competitive bidding requirement as per Texas Local Government Code Section 262.024(a)(1) [being items purchased in a case of public calamity since it was necessary to make the purchase promptly to relieve the necessity of the citizens or to preserve the property of the county].

47. Discuss, consider and take appropriate action on matters relating to Coronavirus (COVID-19) vaccinations in Williamson County, to include, but not be limited to hearing an update on administration of vaccines in Williamson County, coordination and programming of vaccination sites, locations and/or clinics, amending vaccination administration agreements with vaccination service providers Curative Medical Associates PA and Family Emergency Room, LLC and communication and outreach efforts regarding vaccinations.

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)."

48. 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 278
d) Discuss the acquisition of real property for County Facilities.
e) Discuss the acquisition of real property for Seward Junction SE and SW Loop.
f) Discuss the acquisition of real property for SH 29 @ DB Wood.
g) Discuss the acquisition of real property for CR 366.
h) Discuss the acquisition of real property for N. Mays.
i) Discuss Somerset Road Districts No. 3 & 4 reimbursements for acquisition & construction of Reagan Blvd.
j) Discuss the acquisition of real property for CR 111.
k) Discuss the acquisition of real property for Corridor H
l) Discuss the acquisition of real property for future SH 29 corridor.
m) Discuss the acquisition of real property for the expansion of Ronald Reagan at IH 35.

n) Discuss the acquisition of right-of-way for Corridor C.
o) Discuss the acquisition of right-of-way for Corridor F.
p) Discuss the acquisition of right-of-way for Corridor D.
q) Discuss the acquisition of right-of-way for SE Loop/Corridor A.
r) Discuss the acquisition of right-of-way for Reagan extension.
s) Discuss the acquisition of real property for the Brushy Creek Trail Project.
t) Discuss the acquisition of real property in conjunction with WCCF for potential parkland/bird habitat.
u) Discuss the acquisition of drainage/detention easements for real property North of WMCO Juvenile Detention Center
v) Discuss the acquisition of the MKT Right of Way

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) Potential governmental uses for 8th Street downtown parking lot
c) Discuss possible uses of property owned by Williamson County on Main St. between 3rd and 4th Streets. (formerly occupied by WCCHD)
d) Discuss property usage at Longhorn Junction
e) Discuss the sale of excess ROW at San Gabriel Parkway and Mel Mathis Ave.
f) Discuss county owned property located at Ed Schmidt Boulevard Hutto, Texas
g) Discuss the sale of property located at 900 S Main St., Taylor, 76574

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

49. Discussion regarding economic development negotiations pursuant to Texas Government Code, Section 551.087:

a) Business prospect(s) that may locate or expand within Williamson County.
b) 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
h) Project Arcos
i) Project Woods
j) Project Co-Op
k) Project Liberty
l) Project Long Haul
m) Project Bon Jovi
n) Project Crystal
o) Project Link
p) Project Winston

50. 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. 1:18-CV-49, Troy Mansfield v. Williamson County, In The United States District Court for the Western District of Texas, Austin Division.
f) Cause No. 19-0850-C368; County of Williamson vs. Purdue Pharma, LP et al., In the District Court of Williamson County, Texas.
g) 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.
h) 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
i) D-1-GN-19-005511; Brian Johns v. Williamson County, Texas; In the 53rd Judicial District Court of Travis County, Texas
j) Civil Action No. 1:19-CV-1163; Amanda McCoy v. Williamson County, Texas et al., In the United States District Court for the Western District of Texas Austin Division.
k) Claim of Regina Wright.
l) Cause No. 19-0406-C368; Anthony Garcia and Victoria Garcia et al. v. Stephen Wade Freeman et al. v. Wayne Finch et al.; In the 368th District Court of Williamson County, Texas.
m) Case: 1:20-CV-255-LY; Jay Kreper v. Williamson County et al.; In the United States District Court for the Western District of Texas, Austin Division.
n) Case Number 1:20-cv-01068-LY*; Javier Ambler, Sr., et al. v. Williamson County, Texas*, , In the United States District Court for the Western District of Texas, Austin Division.
o) Case 1:20-cv-00927-LY; Heather Vargas v. Williamson County, Texas; In The United States District Court for the Western District Of Texas Austin Division.
p) Case No. 1:20-CV-00842; SonWest Co. v. J. TERRON EVERSTON, in his official capacity as Williamson County Engineer, et al.; In the United States District Court for the Western District of Texas, Austin Division.
q) Civil Action No. 1:20-cv-836; Elizabeth Firey v. Williamson County, In The United States District Court for the Western District Of Texas Austin Division.
r) Legal matters relating to Bailey Park Subdivision, Jarrell, Texas.
s) Potential legal claims, demands and/or litigation against The Travelers Indemnity Company (Travelers).
t) Claim of the Estate of Okey Floyd Jones, Sr.
u) Claim, of Ramsey Mitchell.
v) Legal matters pertaining to TENEX Software Solutions, Inc.
w) Civil Action No. 1:21-CV-74; Scott Phillip Lewis v. Williamson County, Texas; In the United States District Court for the Western District Of Texas, Austin Division.
x) Shamona Harris - EEOC Charge #451-2021-00812.

y) Legal matters and claims relating to the City of Austin purchasing property in Williamson County for purposes of operating temporary or permanent housing of homeless in Williamson County.
z) Notice of Charge of Discrimination - Bhavani Madisetti-Vemireddy TWCCRD Charge No.: 1A21443/EEOC Charge No.: 31C-2021-00348C.
aa) Civil Action No. 1:21-cv-00172-LY; Charles William Thornburg v. Williamson County, Texas; Robert Chody, et al.; In the United States District Court for the Western District Of Texas, Austin Division.
bb) Cause No. D-1-Gn-21-000215; Mohammad Mahmood v. Williamson County Constable Office; In the 353rd Judicial District of Travis County, Texas.
cc) Damage claim by Oncor Electric Delivery regarding alleged damage to regular control equipment at CR 347, Taylor, Texas (Oncor Claim #T4329213).

51. 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)

52. Discuss and take appropriate action concerning economic development.

53. Discuss and take appropriate action concerning real estate.

54. Discuss, consider and take appropriate action on pending or contemplated litigation, settlement matters and other 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. 1:18-CV-49, Troy Mansfield v. Williamson County, In The United States District Court for the Western District of Texas, Austin Division.
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g) 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.
h) 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
i) D-1-GN-19-005511; Brian Johns v. Williamson County, Texas; In the 53rd Judicial District Court of Travis County, Texas
j) Civil Action No. 1:19-CV-1163; Amanda McCoy v. Williamson County, Texas et

al., In the United States District Court for the Western District of Texas Austin Division.
k) Claim of Regina Wright.
l) Cause No. 19-0406-C368; Anthony Garcia and Victoria Garcia et al. v. Stephen Wade Freeman et al. v. Wayne Finch et al.; In the 368th District Court of Williamson County, Texas.
m) Case: 1:20-CV-255-LY; Jay Kreper v. Williamson County et al.; In the United States District Court for the Western District of Texas, Austin Division.
n) Case Number 1:20-cv-01068-LY*; Javier Ambler, Sr., et al. v. Williamson County, Texas*, , In the United States District Court for the Western District of Texas, Austin Division.
o) Case 1:20-cv-00927-LY; Heather Vargas v. Williamson County, Texas; In The United States District Court for the Western District Of Texas Austin Division.
p) Case No. 1:20-CV-00842; SonWest Co. v. J. TERRON EVERSTON, in his official capacity as Williamson County Engineer, et al.; In the United States District Court for the Western District of Texas, Austin Division.
q) Civil Action No. 1:20-cv-836; Elizabeth Firey v. Williamson County, In The United States District Court for the Western District Of Texas Austin Division.
r) Legal matters relating to Bailey Park Subdivision, Jarrell, Texas.
s) Potential legal claims, demands and/or litigation against The Travelers Indemnity Company (Travelers).
t) Claim of the Estate of Okey Floyd Jones, Sr.
u) Claim, of Ramsey Mitchell.
v) Legal matters pertaining to TENEX Software Solutions, Inc.
w) Civil Action No. 1:21-CV-74; Scott Phillip Lewis v. Williamson County, Texas; In the United States District Court for the Western District Of Texas, Austin Division.
x) Shamona Harris - EEOC Charge #451-2021-00812.
y) Legal matters and claims relating to the City of Austin purchasing property in Williamson County for purposes of operating temporary or permanent housing of homeless in Williamson County.
z) Notice of Charge of Discrimination - Bhavani Madisetti-Vemireddy TWCCRD Charge No.: 1A21443/EEOC Charge No.: 31C-2021-00348C.
aa) Civil Action No. 1:21-cv-00172-LY; Charles William Thornburg v. Williamson County, Texas; Robert Chody, et al.; In the United States District Court for the Western District Of Texas, Austin Division.
bb) Cause No. D-1-Gn-21-000215; Mohammad Mahmood v. Williamson County Constable Office; In the 353rd Judicial District of Travis County, Texas.
cc) Damage claim by Oncor Electric Delivery regarding alleged damage to regular control equipment at CR 347, Taylor, Texas (Oncor Claim #T4329213).

55. 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.

56. 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 12th day of March 2021 at 5:00 PM and remained posted for at least 72 continuous hours preceding the scheduled time of said meeting.

Commissioners Court - Regular Session **4.**

Meeting Date: 03/16/2021

Transfer for Juvenile Services

Submitted By: Denise Carlson, Juvenile Services

Department: Juvenile Services

Agenda Category: Consent

Information

Agenda Item

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

Background

Juvenile Services is requesting a BLI transfer from Computer Software into Computer Equipment in the amount of $4,200.00. This transfer would allow for the purchase of three laptop computers and three docking stations to replace old/outdated equipment.

Fiscal Impact

From/To	Acct No.	Description	Amount
From	0100.0576.003011	Computer Software	4,200.00
To	0100.0576.003010	Computer Equipment	4,200.00

Attachments

No file(s) attached.

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Andrea Schiele	03/10/2021 04:45 PM
Budget Office	Ashlie Koenig	03/10/2021 04:46 PM
Form Started By: Denise Carlson		Started On: 03/10/2021 09:25 AM
Final Approval Date: 03/10/2021		

Commissioners Court - Regular Session **5.**

Meeting Date: 03/16/2021

V/E Assets for Auction 3.16.21

Submitted For: Joy Simonton **Submitted By:** Mary Watson, Purchasing

Department: Purchasing

Agenda Category: Consent

Information

Agenda Item

Discuss, consider, and take appropriate action on authorizing the disposal of various county vehicles(s) and equipment assets through Auction including One (1) 2014 Chevy Tahoe and One (1) 2012 Parker Pressure Washer Trailer, pursuant to Tx. Local Gov't Code 263.152.

Background

Please see attached list.

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

V/E Assets for Auction 3.16.21

Form Review

Inbox	Reviewed By	Date
Purchasing (Originator)	Joy Simonton	03/11/2021 09:48 AM
County Judge Exec Asst.	Andrea Schiele	03/11/2021 09:51 AM
Form Started By: Mary Watson		Started On: 03/09/2021 03:42 PM
Final Approval Date: 03/11/2021		

Vehicle Status Change

Reason for Status Change	REACHED OPERATIONAL LIFE EXPECTANCY
Department	560 - Sheriffs Office
County VIN/Serial Number	1GNLC2E02ER148489
Equipment/Door Number	SB1448
License Plate	CXC7096
Year	2014
Make	Chevrolet
Model	Tahoe
Comments (mileage, mechanical issues, other info)	124,576 mi.
Elected Official/Department Head/Authorized Staff Digital Signature	✔ Pat Erickson 3/5/2021 11:31 AM
Receiving Department Signature	✘
Method of Status change: This vehicle is to be considered for: (select one)	Sale at the earliest auction
Authorized Fleet Staff Digital Signature	✔ Kevin Teller 3/4/2021 4:01 PM
The listed vehicle was involved in an accident. No pending litigation has been confirmed.	N/A
Authorizing HR Employee Digital Signature	✔ Malea Schmitt 3/2/2021 3:40 PM
Title Approved for (Audit)	No change needed; current title is still valid
Auditor's Authorized Employee Digital Signature	✔ Anabel Macias 3/3/2021 3:49 PM
Purchasing Department Signature Acknowledgement	✔ Mary Watson 3/9/2021 2:38 PM

Vehicle Status Change

Reason for Status Change	REACHED OPERATIONAL LIFE EXPECTANCY
Department	210 - Unified Road Systems
County VIN/Serial Number	13ZLA1224C1001787
Equipment/Door Number	UF1246
License Plate	9054574
Year	2012
Make	Parker
Model	LA7712 Pressure Washer Trailer
Elected Official/Department Head/Authorized Staff Digital Signature	✔ Jeff Ivey 3/8/2021 7:31 AM
Receiving Department Signature	✘
Method of Status change: This vehicle is to be considered for: (select one)	Sale at the earliest auction
Fleet Comments	To be sold with pressure washer UPW1243 that is mounted on this trailer
Authorized Fleet Staff Digital Signature	✔ Kevin Teller 3/8/2021 8:07 AM
The listed vehicle was involved in an accident. No pending litigation has been confirmed.	N/A
Authorizing HR Employee Digital Signature	✔ Malea Schmitt 3/8/2021 9:23 AM
Title Approved for (Audit)	No change needed; current title is still valid
Auditor's Authorized Employee Digital Signature	✔ Anabel Macias 3/9/2021 9:00 AM
Purchasing Department Signature Acknowledgement	✔ Mary Watson 3/9/2021 2:29 PM

Commissioners Court - Regular Session **6.**

Meeting Date: 03/16/2021

Property Tax Refunds – Over 2500 – Thru 03/10/2021

Submitted For: Larry Gaddes **Submitted By:** Renee Clark, County Tax Assessor Collector

Department: County Tax Assessor Collector

Agenda Category: Consent

Information

Agenda Item

Discuss, consider, and take appropriate action on approving property tax refunds over $2,500.00 thru 03/102021 for the Williamson County Tax Assessor/Collector.

Background

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

022521-031021 Refunds Over 2500

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Andrea Schiele	03/11/2021 11:47 AM
Form Started By: Renee Clark		Started On: 03/11/2021 11:36 AM
Final Approval Date: 03/11/2021		

Larry Gaddes PCAC, C T A
Tax Assessor/Collector

Date: March 10, 2021

To: Members of the Commissioners Court

From: Larry Gaddes PCAC, CTA

Subject: Property Tax Refunds

In accordance with Section 31.11 of the Property Tax Code, the court needs to approve all refunds in excess of $2,500.00. We are presenting the attached list which includes these property tax refunds for your approval.

Please contact me at (512) 943-1954, if you have any questions.

Thank you.

Main Office and Mailing Address:
904 South Main Street
Georgetown, Texas 78626
Motor Vehicle Telephone: 512.943.1602
Property Tax Telephone: 512.943.1603
www.wilco.org/tax

Annex Locations:

1801 E. Old Settler's Blvd., Ste 115
Round Rock, Texas 78664
Telephone: 512.244.8644

350 Discovery Blvd., Ste. 101
Cedar Park, Texas 78613
Telephone: 512.260.4290

412 Vance St., Ste. 1
Taylor, Texas 76574
Telephone: 512.352.4140

Property Tax
Account QuickReport
As of March 10, 2021

Type	Date	Num	Name	Memo	Amount
Refunds Payable - Taxpayers					
Check	03/10/2021	79034	AUSTIN TITLE COMPANY	R041602 - Overpayment	-4,321.22
Total Refunds Payable - Taxpayers					-4,321.22
TOTAL					**-4,321.22**

Commissioners Court - Regular Session **7.**

Meeting Date: 03/16/2021

Property Tax Collections – February 2021

Submitted For: Larry Gaddes **Submitted By:** Renee Clark, County Tax Assessor Collector

Department: County Tax Assessor Collector

Agenda Category: Consent

Information

Agenda Item

Discuss, consider, and take appropriate action on approving property tax collections for the month of February 2021 for the Williamson County Tax Assessor/Collector.

Background

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

020121-022821 GWI-RFM

020121-022821 GWI-RFM Graph

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Andrea Schiele	03/11/2021 11:47 AM
Form Started By: Renee Clark		Started On: 03/11/2021 11:41 AM
Final Approval Date: 03/11/2021		

YEAR TO DATE - COLLECTION REPORT
Williamson County - GWI/RFM Property Taxes
February 28, 2021

Williamson County General Fund	Tax Roll	Adjustments	Adjusted Tax Roll	Current Tax Collected	Penalty & Interest Collected	Variance	Uncollected Balance	YTD Collected	YTD Percent Collected	YTD Percent Collected w/P & I	YTD Percent Collected w/P & I & Prior Years
2020	$308,158,968.52	($192,930.47)	$307,966,038.05	$3,408,560.91	$166,826.16	($102,842.56)	$8,336,951.31	$299,629,086.74	97.29%	97.35%	97.61%
2019 & Prior	$2,639,554.36	($111,982.65)	$2,527,571.71	$32,110.16	$13,064.33	$39,580.89	$2,120,521.39	$407,050.32	16.10%	20.42%	
Rollbacks	$205,016.50	$248,358.20	$453,374.70	$18,415.39	$26.88	$0.00	$145,125.04	$308,249.66	67.99%	68.00%	
Total All	$311,003,539.38	($56,554.92)	$310,946,984.46	$3,459,086.46	$179,917.37	($63,261.67)	$10,602,597.74	$300,344,386.72	96.59%	96.68%	

Williamson County RFM	Tax Roll	Adjustments	Adjusted Tax Roll	Current Tax Collected	Penalty & Interest Collected	Variance	Uncollected Balance	YTD Collected	YTD Percent Collected	YTD Percent Collected w/P & I	YTD Percent Collected w/P & I & Prior Years
2020	$29,324,429.26	($13,715.33)	$29,310,713.93	$325,183.61	$15,869.25	($9,824.52)	$786,933.93	$28,523,780.00	97.32%	97.37%	97.64%
2019 & Prior	$236,694.34	($9,389.25)	$227,305.09	$2,807.66	$1,055.04	$3,182.38	$188,387.18	$38,917.91	17.12%	21.58%	
Rollbacks	$19,357.23	$23,518.61	$42,875.84	$1,757.60	$2.49	$0.00	$13,779.82	$29,096.02	67.86%	67.87%	
Total All	$29,580,480.83	$414.03	$29,580,894.86	$329,748.87	$16,926.78	($6,642.14)	$989,100.93	$28,591,793.93	96.66%	96.74%	

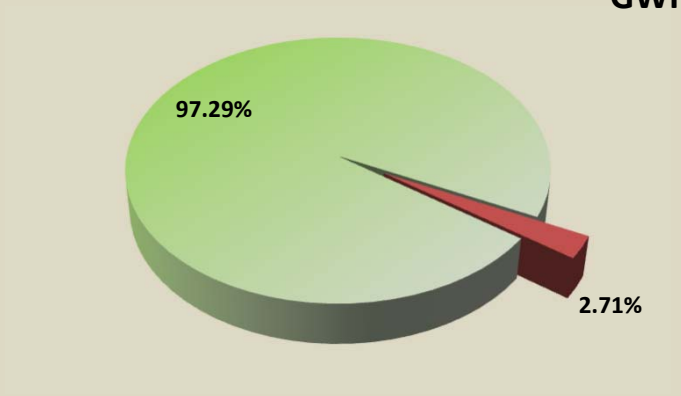
2020 COMBINED MONTHLY BREAKDOWN

Oct-20	$340,584,020.21	$48,576.33	$340,632,596.54	$13,001,526.10	$34,211.86	$4,307.92	$327,626,762.52	$13,005,834.02
Nov-20	$340,632,596.54	($59,194.11)	$340,573,402.43	$20,672,503.84	$23,708.08	$4,391.67	$306,890,672.90	$33,682,729.53
Dec-20	$340,573,402.43	($2,584.05)	$340,570,818.38	$178,144,338.83	$26,270.02	($0.05)	$128,743,750.07	$211,827,068.31
Jan-21	$340,570,818.38	($72,663.42)	$340,498,154.96	$113,388,008.11	$20,791.57	$2,172.71	$15,280,905.83	$325,217,249.13
Feb-21	$340,498,154.96	$29,724.36	$340,527,879.32	$3,788,835.33	$196,844.15	($69,903.81)	$11,591,698.67	$328,936,180.65

Year to Date Collection Report
Thru February 28, 2021

YTD Collected YTD Uncollected

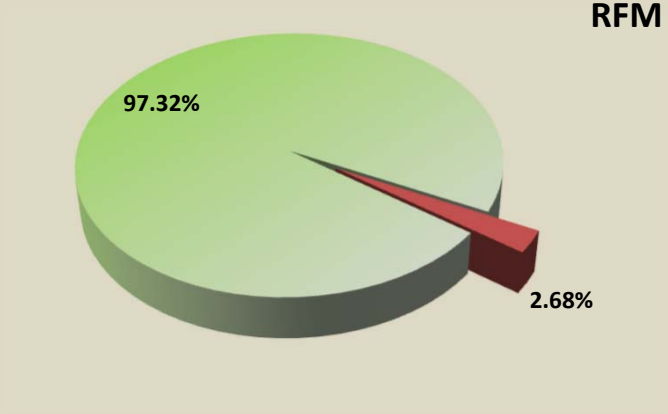
GWI



Year to Date Collection Report
Thru February 28, 2021

YTD Collected YTD Uncollected

RFM



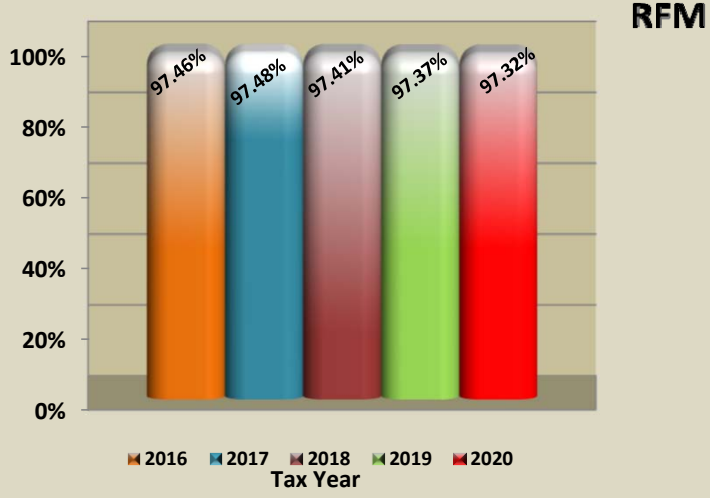
Percent of Roll Collected Comparison
2016-2020

GWI



Percent of Roll Collected Comparison
2016-2020

RFM



Commissioners Court - Regular Session **8.**

Meeting Date: 03/16/2021

Compensation Items

Submitted By: Kayla Marek, 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

Position Changes

Form Review

Inbox	Reviewed By	Date
Human Resources (Originator)	Rebecca Clemons	03/11/2021 08:47 AM
County Judge Exec Asst.	Andrea Schiele	03/11/2021 09:44 AM
Form Started By: Kayla Marek		Started On: 03/10/2021 04:50 PM
Final Approval Date: 03/11/2021		

Department	Position	Emp Num	Current Annual Salary	Merit%	Lumpsum Merit	Pay Proposal Reason	Effective Date of Change
911 Addressing Grant	IT Specialist I.0114.001100.Y	12546	$53,831.23	0.37%	$200.00	MERIT	19-Mar-21
Information Systems	System Administrator II.0950.001100.Y	13805	$64,421.76	0.31%	$200.00	MERIT	19-Mar-21
Information Systems	IT Manager.0088.001100.Y	1358	$76,042.72	0.26%	$200.00	MERIT	19-Mar-21
Information Systems	Lead Warehouse Coord.0726.001100.	11832	$49,410.73	1.75%	$864.69	MERIT	19-Mar-21
Information Systems	Network Engineer.0955.001100.Y	13592	$88,081.24	0.23%	$200.00	MERIT	19-Mar-21
Information Systems	Database Engineer.1757.001100.	12067	$82,816.76	0.18%	$150.00	MERIT	19-Mar-21
Information Systems	System Administrator II.1682.001100.	2752	$62,701.08	0.32%	$200.00	MERIT	19-Mar-21
Information Systems	IT Manager.1756.001100.	4524	$93,017.60	0.54%	$500.00	MERIT	19-Mar-21
Information Systems	Analyst I.1808.001100.Y	15425	$65,552.76	0.31%	$200.00	MERIT	19-Mar-21
Information Systems	IT Manager II.0957.001100.	10409	$107,411.98	0.19%	$200.00	MERIT	19-Mar-21
Information Systems	Senior Coordinator.0958.001100.	14572	$45,760.00	0.44%	$200.00	MERIT	19-Mar-21
Information Systems	IT Manager.0951.001100.Y	12158	$75,676.90	0.26%	$200.00	MERIT	19-Mar-21
Information Systems	IT Manager II.1809.001100.	12835	$80,583.36	0.25%	$200.00	MERIT	19-Mar-21
Information Systems	IT Manager.0967.001100.Y	10352	$79,539.46	0.25%	$200.00	MERIT	19-Mar-21
Information Systems	System Administrator II.1629.001100.Y	13339	$64,000.04	0.31%	$200.00	MERIT	19-Mar-21
Information Systems	Systems Engineer.0966.001100.	12415	$70,012.80	0.71%	$500.00	MERIT	19-Mar-21
Information Systems	Analyst II.0949.001100.	1826	$72,453.94	0.28%	$200.00	MERIT	19-Mar-21
Information Systems	Deputy CIO.0954.001100.	4732	$127,056.54	0.16%	$200.00	MERIT	19-Mar-21

				(TO)	(FROM)	
entity	fund	dept	object	dr	cr	
01	0100	0503	001100	4624.69		
01	0100	0503	001130		4624.69	
01	0571	0571	001101	200		Corr 3.9.21 between 1100 & 1101
01	0571	0571	001100		200	Corr 3.9.21 between 1100 & 1101

Department Number and Name	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
440 District Attorney	0079	13437	$35,548.47	N/A	$35,548.47	N/A	N/A	N/A	Reclass-Title and Grade Change Only: Receptionist (B17) to Legal Specialist (B19)	3/19/2021
210 Unified Road Systems	1502	Vacant	N/A	N/A	$64,946.44	$85,000.00	N/A	$20,053.56	Conversion-Title and Grade Change: Planner III (B.32) to Engineer III (B.36). Reallocation of position budget to facilitate external hire. Surplus salary from PCN 1607, 1605, 1514, 1586, 1673, 1655.	3/19/2021
210 Unified Road Systems	1607	Vacant	N/A	N/A	$69,789.31	$64,392.87	$5,396.44	N/A	Conversion-Title and Grade Change: Planner III (B.32) to Engineer III (B.36). Reallocation of position budget to facilitate external hire. Surplus salary to PCN 1502.	3/19/2021
210 Unified Road Systems	1605	13389	$69,464.14	$69,464.14	$78,498.94	$69,464.14	$9,034.80	N/A	Conversion-Title and Grade Change: Planner III (B.32) to Engineer III (B.36). Reallocation of position budget to facilitate external hire. Surplus salary to PCN 1502.	3/19/2021
210 Unified Road Systems	1514	15442	$36,899.99	$36,899.99	$38,354.20	$36,899.99	$1,454.21	N/A	Conversion-Title and Grade Change: Planner III (B.32) to Engineer III (B.36). Reallocation of position budget to facilitate external hire. Surplus salary to PCN 1502.	3/19/2021

Department Number and Name	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
210 Unified Road Systems	1586	Vacant	N/A	N/A	$43,050.01	$41,490.12	$1,559.89	N/A	Conversion-Title and Grade Change: Planner III (B.32) to Engineer III (B.36). Reallocation of position budget to facilitate external hire. Surplus salary to PCN 1502.	3/19/2021
210 Unified Road Systems	1673	Vacant	N/A	N/A	$38,440.54	$36,920.00	$1,520.54	N/A	Conversion-Title and Grade Change: Planner III (B.32) to Engineer III (B.36). Reallocation of position budget to facilitate external hire. Surplus salary to PCN 1502.	3/19/2021
210 Unified Road Systems	1655	Vacant	N/A	N/A	$38,007.68	$36,920.00	$1,087.68	N/A	Conversion-Title and Grade Change: Planner III (B.32) to Engineer III (B.36). Reallocation of position budget to facilitate external hire. Surplus salary to PCN 1502.	3/19/2021

*Amount may vary slightly due to Oracle rounding

Commissioners Court - Regular Session **9.**

Meeting Date: 03/16/2021

Justice of the Peace 4 January 2021 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, January 2021 Monthly Report in compliance with Code of Crim. Proc. § 103.005.

Background

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

JP4 EOM JAN 2021

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Andrea Schiele	03/10/2021 05:30 PM
Form Started By: Veronica Bolander		Started On: 03/10/2021 05:18 PM
Final Approval Date: 03/10/2021		

IN COMPLIANCE WITH ARTICLE 103
CODE OF CRIMINAL PROCEDURE

THE STATE OF TEXAS
COUNTY OF WILLIAMSON

I, Stacy Hackenberg, Justice of the Peace, Precinct 4, Williamson County, on my oath, state that the attached report of money collected is a true and correct report for the month of January 2021.

S Hackenberg

STACY HACKENBERG
JUSTICE OF THE PEACE
PRECINCT FOUR

Payment Report - Transaction/Adjustment Detail

TXWILLIAMSONPROD

Transaction Date: 01/01/2021 - 01/31/2021 Case Categories: All
Locations: JP4

Final Totals		Fee Totals	Transaction Totals
Total Payments		**18,894.27**	**18,894.27**
Total Adjustments Impacting Payments		**0.00**	**0.00**
Final Fee Code Totals		**18,894.27**	**18,894.27**
Tender Method Summary			
Tender Types	Cashier's Check	232.00	232.00
	Certified Payments Credit Card	6,306.77	6,306.77
	Check	438.00	438.00
	E-File Credit Card	10,394.50	10,394.50
	Money Order	1,523.00	1,523.00

Detailed report is available through the Auditor's Office.

Payment Report - G/L and Fund Summary

TXWILLIAMSONPROD

Transaction Date: 01/01/2021 - 01/31/2021 Case Categories: All
Locations: JP4

G/L Account	G/L Account Number	Fee Totals
0100 - General Fund		
01-0100-0000-209700 - JP COURTS-REFUNDS	L-004-4-01-0100-0000-209700: 01-0100-0000-209700 - JP Courts Refunds	21.90
01-0100-0000-341804 - FEES OF OFFICE, JP PCT-4	L-004-4-01-0100-0000-341804: 01-0100-0000-341804 - Fees of Office, JP Pct. #4	4,733.44
01-0100-0000-341904 - CIVIL FEES/OFFICE, CONST 4	L-004-4-01-0100-0000-341904: 01-0100-0000-341904 - Fees of Office, Const. PCT #4	3,370.00
01-0100-0000-341914 - CRIMINAL FEES/OFFICE, CONST 4	L-004-4-01-0100-0000-341914: 01-0100-0000-341914 - Fees of Office, Crim. Const PCT #4	20.00
01-0100-0000-342860 -Time Payment Fee County 2.50	L-004-4-01-0100-0000-342860: 01-0100-0000-342860 - Time Payment Fee County 2.50	45.00
01-0100-0000-351304 - FINES, JP PCT-4	L-004-4-01-0100-0000-351304: 01-0100-0000-351304 - FINES, JP PCT #4	2,228.80
01-0399-0000-208354 - Judicial/Court Train Fee Due to State	L-004-4-01-0399-0000-208354: 01-0399-0000-208354 - Judicial/Court Train Fee Due to State	875.00
99-9999-9999-000003 - LOCAL Consolidated CC-Misd C	L-004-4-99-9999-9999-000003: 99-9999-9999-000003 - LOCAL Consolidated CC-MISD C	514.15
	0100 - General Fund Total:	**11,808.29**
0361 - JP Security Fund		
01-0361-0000-341154 - JP 4 SECURITY FEES	L-004-4-01-0361-0000-341154: 01-0361-0000-341154 - JP 4 SECURITY FEES	4.69
	0361 - JP Security Fund Total:	**4.69**
0369 - JP-4 Truancy Program Fund		
01-0369-0000-370000 - JP-4 Truancy Program Fees	L-004-4-01-0369-0000-370000: 01-0369-0000-370000 - JP-4 Truancy Program Fee	5.88
	0369 - JP-4 Truancy Program Fund Total:	**5.88**
0372 - Justice Court Technology Fund		
01-0372-0000-341144 - JP 4 TECHNOLOGY FEES	L-004-4-01-0372-0000-341144: 01-0372-0000-341144 - JP #4 TECHNOLOGY FEES	4.70
	0372 - Justice Court Technology Fund Total:	**4.70**

Payment Report - G/L and Fund Summary

TXWILLIAMSONPROD

Transaction Date: 01/01/2021 - 01/31/2021 Case Categories: All
Locations: JP4

G/L Account	G/L Account Number	Fee Totals
0399 - State Agency Fund		
01-0399-0000-208022 - Justice Courts Civil Electronic Filing	L-004-4-01-0399-0000-208022: 01-0399-0000-208022 - JP Ct. Civil Electronic Filing Fee	1,750.00
01-0399-0000-208034 - JP 4 Truancy Prev/Diversion - State	L-004-4-01-0399-0000-208034: 01-0399-0000-208034 - JP 4 Truancy Prev/Diversion - State	2.35
01-0399-0000-208160 - CCC FEES DUE TO STATE COMP	L-004-3-01-0399-0000-208160: 01-0399-0000-208160 - Consolidated Court Costs	47.02
01-0399-0000-208165 - CCC 01.2020 Fee's Due to State	L-004-4-01-0399-0000-208165: 01-0399-0000-208165 - State Con Court Cost LGC 133.102(a)(3	2,276.99
01-0399-0000-208235 - JURY SERVICE FEES DUE TO STATE	L-004-4-01-0399-0000-208235: 01-0399-0000-208235 - Jury Service Fee	4.70
01-0399-0000-208352 - CRIMINAL JUDICIAL SUPPORT DUE	L-004-4-01-0399-0000-208352: 01-0399-0000-208352 - Support of the Judiciary Fund	7.05
01-0399-0000-208400 - DPS ARREST FEES DUE TO STATE	L-004-4-01-0399-0000-208400: 01-0399-0000-208400 - Texas Highway Patrol Arrest Fees	132.38
01-0399-0000-208415 - MOVING VIOLATION FEE DUE TO ST	L-004-4-01-0399-0000-208415: 01-0399-0000-208415 - Moving Violation Fee Due to State	0.10
01-0399-0000-208425 - ST TRAFFIC FEES DUE TO STATE	L-004-4-01-0399-0000-208425: 01-0399-0000-208425 - State Traffic Fee	30.00
01-0399-0000-208426 - State Traffic Fine Due To State	L-004-4-01-0399-0000-208426: 01-0399-0000-208426 - State Traffic Fine Due To State	1,566.29
01-0399-0000-208703 - INDIGENT DEF FEES - DUE TO ST	L-004-4-01-0399-0000-208703: 01-0399-0000-208703 - Indigent Defense Fee	2.35
01-0399-0000-208822 - JP CIVIL LEGAL FEE FOR INDIGEN	L-004-4-01-0399-0000-208822: 01-0399-0000-208822 - JP Civil Legal Fee for Indigent	1,050.00
01-0399-0000-208850 - WEIGHT VIOLATION FINES DUE TO	L-004-4-01-0399-0000-208850: 01-0399-0000-208850 - Weight Violation Fines	197.10
01-0399-0000-208860 - TIME PYMT FEES DUE TO STATE	L-004-4-01-0399-0000-208860: 01-0399-0000-208860 - Time Payment	4.38
	0399 - State Agency Fund Total:	**7,070.71**
	Fee Totals for All Funds:	**18,894.27**

Payment Report - Fee Code Summary

TXWILLIAMSONPROD

Transaction Date: 01/01/2021 - 01/31/2021 Case Categories: All
Locations: JP4

Fee Code Summary

Code Word	Description	Gross		Positive Adjustments		Negative Adjustments		Net	
		Amount	Number	Amount	Number	Amount	Number	Amount	Number
2020AFC4	Arrest Fee - Constable 4 CCP 102.011(a)(1), 102.011(e)	20.00	6	0.00	0	0.00	0	20.00	6
2020AFDPS	Arrest Fee - DPS CCP 102.011.(a)(1), 102.011(e)	127.38	28	0.00	0	0.00	0	127.38	28
2020AFSO	Arrest Fee - Sheriff's Office 102.011(a)(1), 102.011(e)	36.25	9	0.00	0	0.00	0	36.25	9
2020CCC	State Cons Court Cost LGC 133.102(a)(3)	2,276.99	43	0.00	0	0.00	0	2,276.99	43
2020CDF	Compliance Dismissal Fine	10.00	1	0.00	0	0.00	0	10.00	1
2020DSCM	Driving Safety Course Mandatory CCP 45. 0511(f)(1)	132.09	16	0.00	0	0.00	0	132.09	16
2020LCCC-C	LOCAL Consolidated Court Cost LGC 134.103(a)	514.15	43	0.00	0	0.00	0	514.15	43
2020LTF	Local Traffic Fine (TC 542.403)	93.97	35	0.00	0	0.00	0	93.97	35
2020STF	State Traffic Fine (TC 542.4031)	1,566.29	35	0.00	0	0.00	0	1,566.29	35
2020TPF	Time Payment Fee CCP 102.030	45.00	3	0.00	0	0.00	0	45.00	3
AB	Abstract	5.00	1	0.00	0	0.00	0	5.00	1
AFDPS	Arrest Fee - DPS (CCP 102.011)	5.00	1	0.00	0	0.00	0	5.00	1
AFSO	Arrest Fee - Sheriff's Office (CCP 102.011)	0.88	1	0.00	0	0.00	0	0.88	1
CCC	Consolidated Court Costs [Loc. Gov't Code, 133.102]	47.02	2	0.00	0	0.00	0	47.02	2
CCOP	Civil Copies	4.50	2	0.00	0	0.00	0	4.50	2
CERT	Certified Copy	22.75	4	0.00	0	0.00	0	22.75	4
CFINE	County Fine	2,228.80	23	0.00	0	0.00	0	2,228.80	23
CHS	Courthouse Security Fee (CCP 102.017)	3.52	2	0.00	0	0.00	0	3.52	2
CHSJC	JP Security Fee (CCP 102.017)	1.17	2	0.00	0	0.00	0	1.17	2
CJS	Criminal Judicial Support Fee (LGC 103.105)	7.05	2	0.00	0	0.00	0	7.05	2
CONT4	Constable Service Fee Pct #4	2,170.00	23	0.00	0	0.00	0	2,170.00	23
CRFEEOVER	Criminal Overpayment Fee	21.90	3	0.00	0	0.00	0	21.90	3
DDF	Deferred Disposition Fee	10.00	1	0.00	0	0.00	0	10.00	1
EFF	Electronic Filing Fee	1,750.00	175	0.00	0	0.00	0	1,750.00	175
IDF	Indigent Defense Fee (LGC 133.107)	2.35	2	0.00	0	0.00	0	2.35	2
ISF	Indigent Legal Services Fee	1,050.00	175	0.00	0	0.00	0	1,050.00	175
JCF	Civil Filing Fee	4,325.00	173	0.00	0	0.00	0	4,325.00	173
JCTF	Judicial/Court Training Fee Due to State	875.00	175	0.00	0	0.00	0	875.00	175
JCTF	Justice Court Technology Fee (CCP 102.0173)	4.70	2	0.00	0	0.00	0	4.70	2

Payment Report - Fee Code Summary

TXWILLIAMSONPROD

Transaction Date: 01/01/2021 - 01/31/2021 Case Categories: All
Locations: JP4

Fee Code Summary									
Code Word	Description	Gross		Positive Adjustments		Negative Adjustments		Net	
		Amount	Number	Amount	Number	Amount	Number	Amount	Number
JFR	Jury Reimbursement Fee (CCP 102.0045)	4.70	2	0.00	0	0.00	0	4.70	2
JTP	Juvenile Truancy Program (CCP 102.0174)	5.88	2	0.00	0	0.00	0	5.88	2
MVF	Moving Violation Fee (CCP 102.022)	0.10	1	0.00	0	0.00	0	0.10	1
SCFF	Small Claims Filing Fee	50.00	2	0.00	0	0.00	0	50.00	2
SFMCWV	State Fine - Motor Carrier Weight Violation	197.10	1	0.00	0	0.00	0	197.10	1
STF	State Traffic Fee (TC 542.4031)	30.00	1	0.00	0	0.00	0	30.00	1
TFC	Traffic	3.00	1	0.00	0	0.00	0	3.00	1
TP	Time Payment Fee	4.38	1	0.00	0	0.00	0	4.38	1
TPDF	Truancy Prevention and Diversion Fund - JP4 eDoc Conversion	2.35	2	0.00	0	0.00	0	2.35	2
WPOSS	Writ of Possession	40.00	8	0.00	0	0.00	0	40.00	8
WSF4	JP4 - Writ Service Fee	1,200.00	8	0.00	0	0.00	0	1,200.00	8
Fee Code Summary Totals		Gross		Positive Adjustments		Negative Adjustments		Net	
		Amount	Number	Amount	Number	Amount	Number	Amount	Number
		18,894.27	1,017	0.00	0	0.00	0	18,894.27	1,017

Justice of the Peace 4
Consolidated Court Cost Calculation Sheet

Deposit Date: 01/01/2021-01/31/2021

	DR	CR	GL Code	GL Description	ALLOCATION %
Local CCC-Class C		$514.15	99-9999-9999-000003	Local CCC-Class C Due to County	
Court Security Fee	$179.95		01.0361.0000.341154	COURTHOUSE SECURITY FEES	35.000000%
Local Truancy Prevention & Diversion Fund Fee	$183.63		01.0369.0000.370000	Local Truancy Prevention & Diversion Fund Fee	35.714300%
Justice Court Technology Fund	$146.90		01.0372.0000.341144	Justice Court Technology Fund	28.571400%
County Jury Fund Fee	$3.67		01.0100.0000.342853	County Jury Fund Fee	0.714300%
Percentage Distribution Total:	$514.15	$514.15			100.000000%
Collected	$514.15				

Commissioners Court - Regular Session **10.**

Meeting Date: 03/16/2021

Constable Pct. 1 2020 Racial Profiling & Comprehensive Analysis Report

Submitted By: Mickey Chance, Constable Pct. #1

Department: Constable Pct. #1

Agenda Category: Consent

Information

Agenda Item

Discuss, consider and take appropriate action on the 2020 Racial Profiling and Comprehensive Analysis Report from Williamson County Constable Pct. 1.

Background

The Texas Code of Criminal Procedure requires that each year every law enforcement agency in Texas shall submit a report containing the racial profiling incident based statistical data compiled during the previous calendar year to the Texas Commission on Law Enforcement and to the governing body served by the agency.

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

Racial Profiling Report

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Andrea Schiele	03/08/2021 09:38 AM
Constable Pct. 1 (Originator)	Mickey Chance	03/08/2021 10:53 AM
County Judge Exec Asst.	Andrea Schiele	03/08/2021 10:55 AM
Form Started By: Mickey Chance		Started On: 03/08/2021 07:28 AM
Final Approval Date: 03/08/2021		

Racial Profiling Report | Full

Agency Name: WILLIAMSON CO. CONST. PCT. 1
Reporting Date: 02/08/2021
TCOLE Agency Number: 491101

Chief Administrator: MICKEY W. CHANCE

Agency Contact Information:
Phone: (512) 244-8650
Email: mickey.chance@wilco.org

Mailing Address:
1801 E. Old Settler's Blvd. Ste. 105
ROUND ROCK, TX 78664

This Agency filed a full report

WILLIAMSON CO. CONST. PCT. 1 has adopted a detailed written policy on racial profiling. Our policy:

1) clearly defines acts constituting racial profiling;

2) strictly prohibits peace officers employed by the WILLIAMSON CO. CONST. PCT. 1 from engaging in racial profiling;

3) implements a process by which an individual may file a complaint with the WILLIAMSON CO. CONST. PCT. 1 if the individual believes that a peace officer employed by the WILLIAMSON CO. CONST. PCT. 1 has engaged in racial profiling with respect to the individual;

4) provides public education relating to the agency's complaint process;

5) requires appropriate corrective action to be taken against a peace officer employed by the WILLIAMSON CO. CONST. PCT. 1 who, after an investigation, is shown to have engaged in racial profiling in violation of the WILLIAMSON CO. CONST. PCT. 1 policy;

6) requires collection of information relating to motor vehicle stops in which a warning or citation is issued and to arrests made as a result of those stops, including information relating to:
a. the race or ethnicity of the individual detained;
b. whether a search was conducted and, if so, whether the individual detained consented to the search;
c. whether the peace officer knew the race or ethnicity of the individual detained before detaining that individual;
d. whether the peace officer used physical force that resulted in bodily injury during the stop;
e. the location of the stop;
f. the reason for the stop.

7) requires the chief administrator of the agency, regardless of whether the administrator is elected, employed, or appointed, to submit an annual report of the information collected under Subdivision (6) to:
a. the Commission on Law Enforcement; and
b. the governing body of each county or municipality served by the agency, if the agency is an agency of a county, municipality, or other political subdivision of the state.

The WILLIAMSON CO. CONST. PCT. 1 has satisfied the statutory data audit requirements as prescribed in Article

2.133(c), Code of Criminal Procedure during the reporting period.

Executed by: PATRICK K. YOUNGREN
SGT

Date: 02/08/2021

Total stops: 1230

Street address or approximate location of the stop	
City street	246
US highway	569
County road	375
State highway	22
Private property or other	18
Was race or ethnicity known prior to stop?	
Yes	22
No	1208
Race / Ethnicity	
Alaska Native / American Indian	8
Asian / Pacific Islander	46
Black	159
White	851
Hispanic / Latino	166
Gender	
Female	**508**
Alaska Native / American Indian	2
Asian / Pacific Islander	18
Black	60
White	365
Hispanic / Latino	63
Male	**722**
Alaska Native / American Indian	6
Asian / Pacific Islander	28
Black	99
White	486
Hispanic / Latino	103
Reason for stop?	
Violation of law	**102**
Alaska Native / American Indian	0
Asian / Pacific Islander	2
Black	7
White	68

Hispanic / Latino	25
Preexisting knowledge	**519**
Alaska Native / American Indian	1
Asian / Pacific Islander	7
Black	67
White	406
Hispanic / Latino	38
Moving traffic violation	**378**
Alaska Native / American Indian	5
Asian / Pacific Islander	32
Black	48
White	235
Hispanic / Latino	58
Vehicle traffic violation	**227**
Alaska Native / American Indian	2
Asian / Pacific Islander	5
Black	45
White	175
Hispanic / Latino	4

Was a search conducted?

Yes	**6**
Alaska Native / American Indian	0
Asian / Pacific Islander	0
Black	3
White	3
Hispanic / Latino	0
No	**1224**
Alaska Native / American Indian	8
Asian / Pacific Islander	46
Black	156
White	848
Hispanic / Latino	166

Reason for Search?

Consent	**2**
Alaska Native / American Indian	0
Asian / Pacific Islander	0
Black	0
White	1

Hispanic / Latino	1
Contraband	**0**
Alaska Native / American Indian	0
Asian / Pacific Islander	0
Black	0
White	0
Hispanic / Latino	0
Probable	**2**
Alaska Native / American Indian	0
Asian / Pacific Islander	0
Black	1
White	1
Hispanic / Latino	0
Inventory	**1**
Alaska Native / American Indian	0
Asian / Pacific Islander	0
Black	0
White	1
Hispanic / Latino	0
Incident to arrest	**1**
Alaska Native / American Indian	0
Asian / Pacific Islander	0
Black	1
White	0
Hispanic / Latino	0

Was Contraband discovered?

		Did the finding result in arrest? (total should equal previous column)	
Yes	**1**		
Alaska Native / American Indian	0	Yes 0	No 0
Asian / Pacific Islander	0	Yes 0	No 0
Black	2	Yes 0	No 2
White	3	Yes 1	No 2
Hispanic / Latino	0	Yes 0	No 0
No	**1**		
Alaska Native / American Indian	0		
Asian / Pacific Islander	0		
Black	1		
White	0		
Hispanic / Latino	0		

Description of contraband	
Drugs	**2**
Alaska Native / American Indian	0
Asian / Pacific Islander	0
Black	1
White	1
Hispanic / Latino	0
Weapons	**1**
Alaska Native / American Indian	0
Asian / Pacific Islander	0
Black	1
White	0
Hispanic / Latino	0
Currency	**0**
Alaska Native / American Indian	0
Asian / Pacific Islander	0
Black	0
White	0
Hispanic / Latino	0
Alcohol	**0**
Alaska Native / American Indian	0
Asian / Pacific Islander	0
Black	0
White	0
Hispanic / Latino	0
Stolen property	**1**
Alaska Native / American Indian	0
Asian / Pacific Islander	0
Black	0
White	1
Hispanic / Latino	0
Other	**0**
Alaska Native / American Indian	0
Asian / Pacific Islander	0
Black	0
White	0
Hispanic / Latino	0
Result of the stop	
Verbal warning	**336**

Alaska Native / American Indian	7
Asian / Pacific Islander	27
Black	38
White	219
Hispanic / Latino	45
Written warning	**818**
Alaska Native / American Indian	1
Asian / Pacific Islander	16
Black	111
White	580
Hispanic / Latino	110
Citation	**87**
Alaska Native / American Indian	0
Asian / Pacific Islander	3
Black	11
White	60
Hispanic / Latino	13
Written warning and arrest	**0**
Alaska Native / American Indian	0
Asian / Pacific Islander	0
Black	0
White	0
Hispanic / Latino	0
Citation and arrest	**0**
Alaska Native / American Indian	0
Asian / Pacific Islander	0
Black	0
White	0
Hispanic / Latino	0
Arrest	**0**
Alaska Native / American Indian	0
Asian / Pacific Islander	0
Black	0
White	0
Hispanic / Latino	0

Arrest based on

Violation of Penal Code	**1**
Alaska Native / American Indian	0
Asian / Pacific Islander	0

Black	0
White	1
Hispanic / Latino	0
Violation of Traffic Law	**0**
Alaska Native / American Indian	0
Asian / Pacific Islander	0
Black	0
White	0
Hispanic / Latino	0
Violation of City Ordinance	**0**
Alaska Native / American Indian	0
Asian / Pacific Islander	0
Black	0
White	0
Hispanic / Latino	0
Outstanding Warrant	**0**
Alaska Native / American Indian	0
Asian / Pacific Islander	0
Black	0
White	0
Hispanic / Latino	0

Was physical force resulting in bodily injury used during stop?

Yes	**0**
Alaska Native / American Indian	0
Asian / Pacific Islander	0
Black	0
White	0
Hispanic / Latino	0
No	**1230**
Alaska Native / American Indian	8
Asian / Pacific Islander	46
Black	159
White	851
Hispanic / Latino	168

Number of complaints of racial profiling

Total	**0**
Resulted in disciplinary action	**0**
Did not result in disciplinary action	**0**

Submitted electronically to the



The Texas Commission on Law Enforcement

Commissioners Court - Regular Session **11.**

Meeting Date: 03/16/2021

Appointment to Williamson County Child Welfare 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 on appointing Ranjit (Randy) Chhabra to the Williamson County Child Welfare Board.

Background

The term for Mr. Chhabra will fill a vacant position whose term will end in October 2021. His term will run through fiscal year 2021.

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

Request for Board Appointment

Volunteer Application

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst. (Originator)	Andrea Schiele	03/08/2021 01:57 PM
Form Started By: Andrea Schiele		Started On: 03/08/2021 01:47 PM
Final Approval Date: 03/08/2021		

February 23, 2021

Judge Bill Gravell
Williamson County Courthouse
710 Main Street, Suite 101
Georgetown, TX 78626

The Honorable Judge Bill Gravell and Williamson County Commissioners,

I am requesting the Commissioner's Court approve the appointment of a new board member, Ranjit (Randy) Chhabra of Round Rock, to the Williamson County Child Welfare Board. If appointed, Mr. Chhabra will be filling a vacant position whose term will end in October 2021, therefore his initial term would run through fiscal year 2021. I have included his application for your review.

Please place this request for approval of Mr. Chhabra to the WCCWB on your agenda at your earliest convenience.

Please do not hesitate to contact me if you have any questions. Thank you for your continued support, enabling the board to partner with Williamson County and Child Protective Services to serve the children in foster care from Williamson County!

Sincerely,
Kim

Kim Gibbons
WCCWB President
kimlgibbons@gmail.com
512-415-9609

Form C-105-0250
Revised March 2017

VOLUNTEER APPLICATION

Purpose: Use this form to apply to become a volunteer with the Department of Family and Protective Services (DFPS).
Directions: Complete this form and submit it to a DFPS community engagement specialist in person or via mail or email.
Note: To complete this form, a Social Security number is required.

VOLUNTEER INFORMATION

Full Legal Name (Last, First, Middle):	Preferred Name:	Date of Birth:
Chhabra, Ranjit, S	Randy	11/08/1977

Place of Birth (City, State):
Montreal, Quebec, Canada

Other Names Used/Known By (aliases, maiden name, previous married name, etc.):

Current Address (Street, City, State, Zip Code):	County:
[redacted]	Williamson

Have you had any other residences in Texas in the past 5 years? ☐ Yes ☒ No
If "yes," list them below (street address, city and county, and zip code — use an additional sheet if needed):

Number of Years as a Texas Resident:	Driver License State and Number:	Social Security Number:
28	[redacted]	[redacted]

Alternate ID #:	Type of Alternate ID: ☐ Canadian SIN ☐ Military ID ☐ Passport ☒ Permanent Residency Card ☐ State Photo ID
[redacted]	

Home Telephone:	Cellular Telephone:	Email Address:
[redacted]	[redacted]	randychhabra@yahoo.com

Gender:	Race (check all applicable):	Ethnicity:
☒ Male ☐ Female	☒ Asian ☐ American Indian/Alaskan Native ☐ Native Hawaiian/Pacific Islander ☐ Black ☐ White ☐ Unable to Determine (or none of the above)	☐ Hispanic ☒ Not Hispanic ☐ Unable to Determine

Organization Represented (if applicable):	Who referred you to DFPS? Kim Gibbons

Why do you want to volunteer for DFPS?
I am wanting to volunteer on the Williamson County Child Welfare Board to work alongside the already great people who are on the Board to serve children across Williamson County. I believe my experience on other Boards, both locally and on the National level, as well as my position leading our community programming at Austin-Travis County EMS will be a valuable asset for the Williamson County Child Welfare Board. Having worked with various local organizations will also bring value as collaboration is important to expand the Boards footprint and impact.

Applicable skills:
I am Captain with Austin-Travis County EMS and have lead our community programming since 2008. During that timeframe, I have worked within various Boards including Texas Alive Team, Safe Kids Austin, the National Child Passenger Safety Board and Success by 6 Leadership Team.

Type of volunteer services preferred:
Volunteer on the Williamson County Child Welfare Board.

Are you willing to receive training for another assignment? ☐ Yes ☒ No

EDUCATION (CHECK HIGHEST LEVEL COMPLETED)

☐ Elementary School ☐ Middle School ☐ High School ☐ Vocational Training
☐ Some College ☒ College ☐ Graduate School

Interns: ☐ Some College ☐ Undergraduate ☐ Graduate ☐ Post Graduate

University:	Date of Undergraduate Degree:	Date of Graduate Degree:
Iowa State University	Bachelor of Science--Genetics	05/01/2000

ADDITIONAL LANGUAGES

Language	Speak	Read	Write
French	☒ Fair ☐ Good ☐ Excellent	☐ Fair ☒ Good ☐ Excellent	☒ Fair ☐ Good ☐ Excellent
	☐ Fair ☐ Good ☐ Excellent	☐ Fair ☐ Good ☐ Excellent	☐ Fair ☐ Good ☐ Excellent

American Sign Language: ☐ Fair ☐ Good ☐ Excellent ☒ N/A

PREVIOUS VOLUNTEER EXPERIENCE

Organization	Position	Responsibilities

DATE(S) AND TIME(S) AVAILABLE

Days per week: 5	Hours per week: 15

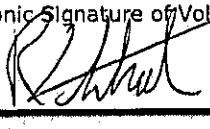
Comments:

ELECTRONIC SIGNATURE VOLUNTEER AGREEMENT

☑ I understand that I am requesting volunteer placement requiring criminal history and central registry checks and authorize DFPS to complete these checks.

☑ I understand that background checks are conducted on an annual basis for DFPS volunteers. I authorize DFPS to conduct a criminal history and central registry check each year that I volunteer with DFPS.

☑ I understand that by signing this Electronic Signature Acknowledgement form, it is equivalent to my handwritten signature and legally binding. Whenever I execute an electronic signature, it has the same validity and meaning as my handwritten signature. I will not, at any time in the future, repudiate the meaning of my electronic signature or claim that my electronic signature is not legally binding. I acknowledge and warrant the truthfulness of the information provided in this document.

Electronic Signature of Volunteer:	Date Signed:
X 	01/16/2021

RETURN RESULTS TO (FOR DPFS USE ONLY)

Full Name:	Contact Phone:	Mail Code:
Program (APS, CPS, CCL), Unit, and Location:		
Check box to indicate applicant's involvement: ☐ Volunteer ☐ Intern (non-paid) ☐ PCG ☐ Board Member		

CHECKLIST FOR VOLUNTEER'S SUPERVISOR

For all volunteers:

- ☐ Complete volunteer application form/enter information in tracking system.
- ☐ Check personal references using telephone or mail reference check forms.
- ☐ Review Volunteer and Community Engagement Policy Handbook, Sections 4000-8000.
- ☐ Select job placement with volunteer. If appropriate, complete background check.
- ☐ Complete Transportation Form 250c (if transporting or performing essential driving duties as an official part job description).
- ☐ Review job duties with volunteer.
- ☐ Review DFPS Volunteer Guidebook and Work Rules and Standards of Conduct.
- ☐ Review and sign Confidentiality Agreement (Form 251).
- ☐ Complete and sign ID Card when appropriate (see Sec. 670 of VCE Handbook).
- ☐ Arrange on-the-job and formal training, when appropriate.
- ☐ Provide volunteer with instructions for entering volunteer hours on automated tracking systems. (Reporting Form 260 can be used if volunteer cannot enter hours directly on tracking system.)

For volunteers with direct client contact or access:

- ☐ Conduct criminal history and central registry check.
- ☐ Volunteer transporters/essentials drivers: check auto insurance, valid driver's license, and driving record, in accordance with Sec. 8600 of VCE Handbook.

For volunteers selected for computer access (see Sec. 5800 of VCE Handbook):

- ☐ Completed Non-DFPS Staff Computer Security Agreement (Form 4047).
- ☐ Schedule volunteer for appropriate computer training.
- ☐ Complete Move/Add/Change (eMac).

SUPERVISOR AND/OR VOLUNTEER COORDINATOR INFORMATION

Supervisor Name:	Unit/Location:
Volunteer Coordinator Name:	Unit/Location:

Commissioners Court - Regular Session **12.**

Meeting Date: 03/16/2021

DA's Office Pitney Bowes Postage Meter Lease

Submitted By: Mary Watson, Purchasing

Department: Purchasing

Agenda Category: Consent

Information

Agenda Item

Discuss, consider, and take appropriate action on approving a new lease agreement between Pitney Bowes, Inc. and Williamson County for a new postage meter in the amount of $60.63 per month, pursuant to Sourcewell (formerly NJPA) Contract #041917-PIT, and authorizing the execution of the lease.

Background

Approval of this new lease agreement will support the operations of the Williamson County District Attorney's Office to replace their outdated machine. The lease agreement is for 60 months at a monthly rate of $60.63 and billed quarterly at $181.89. Legal and Contract Audit have reviewed the lease. This expenditure will be charged to line item 01-0100-0440-004216. The Department contact is Grace Frias.

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

DA's Office Pitney Bowes Lease Agreement

Form Review

Inbox	Reviewed By	Date
Purchasing (Originator)	Joy Simonton	03/10/2021 03:46 PM
County Judge Exec Asst.	Andrea Schiele	03/10/2021 04:38 PM
Form Started By: Mary Watson		Started On: 03/05/2021 11:05 AM
Final Approval Date: 03/10/2021		

pitney bowes

Sourcewell (formerly known as NJPA) State & Local FMV Lease

Agreement Number

Your Business Information

Full Legal Name of Lessee / DBA Name of Lessee

WILLIAMSON COUNTY DISTRICT ATTORNEY

Tax ID # (FEIN/TIN)

746000978

Sold-To: Address

405 MARTIN LUTHER KING STSTE 265, GEORGETOWN, TX, 78626-4901, US

Sold-To: Contact Name	Sold-To: Contact Phone #	Sold-To: Account #
Grace Frias	(512) 943-1234	0016662863

Bill-To: Address

405 MARTIN LUTHER KING STSTE 265, GEORGETOWN, TX, 78626-4901, US

Bill-To: Contact Name	Bill-To: Contact Phone #	Bill-To: Account #	Bill-To: Email
Grace Frias	(512) 943-1234	0016662863	gfrias@wilco.org

Ship-To: Address

405 MARTIN LUTHER KING STSTE 265, GEORGETOWN, TX, 78626-4901, US

Ship-To: Contact Name	Ship-To: Contact Phone #	Ship-To: Account #
Grace Frias	(512) 943-1234	0016662863

PO #

Your Business Needs

Qty	Item	Business Solution Description
1	SENDPROCSERIES4	SendPro C Series - Version 4
1	1FXA	Interface to InView Dashboard
1	7H00	C Series IMI Meter
1	8H00	C Series IMI Base
1	APAC	Connect+ Accounting Weight Break Reports
1	APAX	Cost Acctg Accounts Level (100)
1	APB2	Cost Accounting Devices (10)
1	APKN	Account List Import/Export
1	C200	SendPro C200
1	CAAB	Basic Cost Accounting
1	DM1RKL	Return Kit for DM100/125 - Large
1	F9PG2	PowerGuard LE Service Package
	F9S2	SendPro C Install Training with Shipping
1	HZ80001	SendPro C Series Drop Stacker

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See Pitney Bowes Terms for additional terms and conditions
Pitney Bowes Confidential Information

1	ME1A	Meter Equipment - C Series
1	MP81	C Series Integrated Scale
1	PAB1	C Series Premium App Bundle
1	SJS1	C200 SoftGuard
1	STDSLA	Standard SLA-Equipment Service Agreement (for SendPro C Series - Version 4)
1	ZH24	Manual Weight Entry
1	ZH26	HZ02 50 LPM Speed
1	ZHD5	USPS Rates with Metered Letter
1	ZHD7	E Conf Services for Metered LTR. BDL
1	ZHWL	5lb/3kg Weighing Option for MP81

Your Payment Plan

Initial Term: 60 months	**Initial Payment Amount:**	
Number of Months	**Monthly Amount**	**Billed Quarterly at***
60	**$ 60.63**	**$ 181.89**

**Does not include any applicable sales, use, or property taxes which will be billed separately.*

( ) Tax Exempt Certificate Attached
( ) Tax Exempt Certificate Not Required

( ) Purchase Power® transaction fees included
(X) Purchase Power® transaction fees extra

Your Signature Below

Non-Appropriations. You warrant that you have funds available to make all payments until the end of your current fiscal period, and shall use your best efforts to obtain funds to make all payments in each subsequent fiscal period through the end of your lease term. If your appropriation request to your legislative body, or funding authority ("Governing Body") for funds to make the payments is denied, you may terminate this lease on the last day of the fiscal period for which funds have been appropriated, upon (i) submission of documentation reasonably satisfactory to us evidencing the Governing Body's denial of an appropriation sufficient to continue this lease for the next succeeding fiscal period, and (ii) satisfaction of all charges and obligations under this lease incurred through the end of the fiscal period for which funds have been appropriated, including the return of the equipment at your expense.

By signing below, you agree to be bound by all the terms and conditions of this Agreement, including the NJPA Contract Number 041917-PIT, effective date May 17, 2017 and the State and Local Fair Market Value Lease Terms (including the Pitney Bowes Terms) (Version 2/20) which is available at http://www.pb.com/states/njpa and is incorporated by reference (the "Agreement"). You acknowledge that, except for non-appropriation, you may not cancel this lease for any reason and that all payment obligations are unconditional. This lease will be binding on us after we have completed our credit and documentation approval process and have signed below. This lease requires you to either provide proof of insurance or participate in the ValueMAX® requirement protection program (see Section 6 of the State and Local Fair Market Value Lease Terms) for an additional fee. If software is included in the Order, additional terms apply which are available by clicking on the hyperlink for that software located at http://www.pitneybowes.com/us/license-terms-of-use/software-and-subscription-terms-and-conditions.html. Those additional terms are incorporated by reference.

Not Applicable
State/Entity's Contract#

X
Lessee Signature

X
Print Name

X
Title

X
Date

X
Email Address

Roger Donohue
Pitney Bowes Signature

Roger Donohue
Print Name

Operations Manager
Title

March 4, 2021
Date

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Pitney Bowes Confidential Information

Sales Information

Account Rep Name	Email Address	PBGFS Acceptance
Boyd Hering	boyd.hering@pb.com	

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Pitney Bowes Confidential Information

Commissioners Court - Regular Session **13.**

Meeting Date: 03/16/2021

County DA's Sharp Copiers Lease Agreement

Submitted By: Mary Watson, Purchasing

Department: Purchasing

Agenda Category: Consent

Information

Agenda Item

Discuss, consider, and take appropriate action on approving the lease agreements between Williamson County and Sharp Electronics Corp. for three (3) copiers in the amount of $54.47 per month per copier, pursuant to DIR contract #DIR-CPO-4433.

Background

Approval of these leases will support the operations of the Williamson County District Attorney's office. The new lease terms are for 48 months effective 4/1/2021. This includes three (3) Sharp MX-B476 copiers, delivery, installation, training, professional services, parts, labor, and toner. This also includes 1000 copies per month per copier with overages being charged at a rate of $0.009 per copy per machine. The monthly rate per copier is $54.47 for a total of $163.41 per month. The expenditure will be charged to line item 01.0100.0440.004216. The Department contact is Grace Frias.

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

Wilco DA Sharp Copier Lease

Form Review

Inbox	Reviewed By	Date
Purchasing (Originator)	Joy Simonton	03/10/2021 03:46 PM
County Judge Exec Asst.	Andrea Schiele	03/10/2021 04:40 PM
Form Started By: Mary Watson		Started On: 03/08/2021 03:04 PM
Final Approval Date: 03/10/2021		

SHARP
STATE OF TEXAS DIR-CPO-4433 QUOTE

Vendor Name:	SHARP Electronics Corp., C/O SHARP Business Systems
Address:	100 Paragon Drive Box Q
City, State Zip	Montvale, NJ 07645

Date: 01/13/21

Customer Name/Invoice Address:	Delivery Address:
Williamson County District Attorney	Williamson County District Attorney, 26th District Court
WC Courthouse Annex	WC Courthouse Annex
405 S. MLK - Box 1	405 S. MLK
Georgetown TX 78626	Georgetown TX 78626

Contact Name	Grace Frias	Phone:	512-943-1234
		E-Mail:	gfrias@wilco.org
Sharp Business Systems, M.D. Leonard		Quoting Dealer:	Sharp Business Systems, 2600 Longhorn Blvd., Ste 102 Austin, Texas 78758 512-835-1000 **MDL**
Dealer Authorized Signature MLeonard 01/13/21		Installing Dealer:	Sharp Business Systems, 2600 Longhorn Blvd., Ste 102 Austin, Texas 78758 512-835-1000 **MDL**

Item	Description			Unit Price / Mo.
1	Sharp MX-B476W; 47 ppm Networked Digital Copier 100 Sheet Single Pass Doc. Feed. and (1) X 500 Sheet Paper Drawer MX-CS14N, 600 Sheet Paper Drawer MX-CS14N, 600 Sheet Paper Drawer MX-DS23N, Low Stand **INCLUDES: 1,000 Copies/mo.; 1,001+ @ $0.009 ea.** **Delivery, Intallation, Training, Professional Services, Parts, Labor, and Toner** **State of Texas DIR-CPO-4433 48 Month Lease**			$54.47
			Monthly Total	**$54.47**

SHARP
STATE OF TEXAS DIR-CPO-4433 QUOTE

Vendor Name:	SHARP Electronics Corp., C/O SHARP Business Systems
Address:	100 Paragon Drive Box Q
City, State Zip	Montvale, NJ 07645

Date: 01/13/21

Customer Name/Invoice Address:	Delivery Address:
Williamson County District Attorney	Williamson County District Attorney, 277th District Court
WC Courthouse Annex	WC Courthouse Annex
405 S. MLK - Box 1	405 S. MLK
Georgetown TX 78626	Georgetown TX 78626

Contact Name	Grace Frias	Phone:	512-943-1234
		E-Mail:	gfrias@wilco.org
Sharp Business Systems, M.D. Leonard		Quoting Dealer:	Sharp Business Systems, 2600 Longhorn Blvd., Ste 102 Austin, Texas 78758 512-835-1000 MDL
Dealer Authorized Signature MLeonard 01/13/21		Installing Dealer:	Sharp Business Systems, 2600 Longhorn Blvd., Ste 102 Austin, Texas 78758 512-835-1000 MDL

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			Monthly Total	**$54.47**

SHARP
STATE OF TEXAS DIR-CPO-4433 QUOTE

Vendor Name:	SHARP Electronics Corp., C/O SHARP Business Systems
Address:	100 Paragon Drive Box Q
City, State Zip	Montvale, NJ 07645

Date: 01/13/21

Customer Name/Invoice Address:	Delivery Address:
Williamson County District Attorney	Williamson County District Attorney, 368th District Court
WC Courthouse Annex	WC Courthouse Annex
405 S. MLK - Box 1	405 S. MLK
Georgetown TX 78626	Georgetown TX 78626

Contact Name	Grace Frias	Phone:	512-943-1234
		E-Mail:	gfrias@wilco.org
Sharp Business Systems, M.D. Leonard		Quoting Dealer:	Sharp Business Systems, 2600 Longhorn Blvd., Ste 102 Austin, Texas 78758 512-835-1000 MDL
Dealer Authorized Signature M Leonard 01/13/21		Installing Dealer:	Sharp Business Systems, 2600 Longhorn Blvd., Ste 102 Austin, Texas 78758 512-835-1000 MDL

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			Monthly Total	**$54.47**

SAMPLE PO

P.O. NUMBER:

DATE:

VENDOR:
SHARP ELECTRONICS CORPORATION
C/O SHARP BUINESS SYSTEMS
100 PARAGON DRIVE BOX Q
MONTVALE, NJ 07495

REQUESTED BY: FRIAS, GRACE
512.943.1234

SHIP TO:
WILLIAMSON COUNTY DISTRICT ATTORNEY
26th DISTRICT COURT
405 S. MLK
GEORGETOWN, TX 78626

BILL TO:
WILLIAMSON COUNTY DISTRICT ATTORNEY
405 S. MLK - BOX 1
GEORGETOWN, TX 78626

Description	Price	Per	Amount
SHARP MX-B476W, MX-CS14N, MX-CS14N, MX-DS23N INCLUDES 1,000 COPIES PER MONTH EXCESS COPIES @ $0.0090 EA.	54.47	6	326.82

NOTES TO SUPPLIER:

FROM 04/01/21 THRU 09/30/21
48 MONTH DIR-CPO-4433 LEASE

Total 326.82

AUTHORIZED BY:

SAMPLE PO

P.O. NUMBER:

DATE:

VENDOR:
SHARP ELECTRONICS CORPORATION
C/O SHARP BUINESS SYSTEMS
100 PARAGON DRIVE BOX Q
MONTVALE, NJ 07495

REQUESTED BY: FRIAS, GRACE
512.943.1234

SHIP TO:
WILLIAMSON COUNTY DISTRICT ATTORNEY
277th DISTRICT COURT
405 S. MLK
GEORGETOWN, TX 78626

BILL TO:
WILLIAMSON COUNTY DISTRICT ATTORNEY
405 S. MLK - BOX 1
GEORGETOWN, TX 78626

Description	Price	Per	Amount
SHARP MX-B476W, MX-CS14N, MX-CS14N, MX-DS23N INCLUDES 1,000 COPIES PER MONTH EXCESS COPIES @ $0.0090 EA.	54.47	6	326.82

NOTES TO SUPPLIER:

FROM 04/01/21 THRU 09/30/21
48 MONTH DIR-CPO-4433 LEASE

Total 326.82

AUTHORIZED BY:

SAMPLE PO

P.O. NUMBER:

DATE:

VENDOR:
SHARP ELECTRONICS CORPORATION
C/O SHARP BUINESS SYSTEMS
100 PARAGON DRIVE BOX Q
MONTVALE, NJ 07495

REQUESTED BY: FRIAS, GRACE
512.943.1234

SHIP TO:
WILLIAMSON COUNTY DISTRICT ATTORNEY
368th DISTRICT COURT
405 S. MLK
GEORGETOWN, TX 78626

BILL TO:
WILLIAMSON COUNTY DISTRICT ATTORNEY
405 S. MLK - BOX 1
GEORGETOWN, TX 78626

Description	Price	Per	Amount
SHARP MX-B476W, MX-CS14N, MX-CS14N, MX-DS23N INCLUDES 1,000 COPIES PER MONTH EXCESS COPIES @ $0.0090 EA.	54.47	6	326.82

NOTES TO SUPPLIER:

FROM 04/01/21 THRU 09/30/21
48 MONTH DIR-CPO-4433 LEASE

Total 326.82

AUTHORIZED BY:

Commissioners Court - Regular Session **14.**

Meeting Date: 03/16/2021

Approving Presidio Smartnet FY21

Submitted For: Joy Simonton **Submitted By:** Andrew Portillo, Purchasing

Department: Purchasing

Agenda Category: Consent

Information

Agenda Item

Discuss, consider and take appropriate action on approving the renewal of Smartnet with Presidio Networked Solutions Group in the amount of $70,699.47 per the terms of DIR Contract #DIR-TSO-4167 and authorizing execution of the quote.

Background

This purchase is for the annual renewal of the Smartnet service with Presidio.
Smartnet provides maintenance services on the County's Cisco hardware. This service contract renewal allows staff to contact technical support as well as receive updates to our equipment. Department point of contact is Richard Semple. Funding source 01.0100.0503.004500.

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

quote

Form Review

Inbox	Reviewed By	Date
Purchasing (Originator)	Joy Simonton	03/10/2021 03:54 PM
County Judge Exec Asst.	Andrea Schiele	03/10/2021 04:43 PM
Form Started By: Andrew Portillo		Started On: 03/09/2021 12:10 PM
Final Approval Date: 03/10/2021		

PRESIDIO

QUOTE: 2003221100708-02

DATE: 01/15/2021

TO:

Williamson County
Thomas Gillespie
301 SE Inner Loop Suite 106
Georgetown, TX 78626

thomas.gillespie@wilco.org
(p) 512-943-1108

FROM:

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

dguzman@presidio.com
(p) 512.795.7146

BILL TO:

Williamson County

301 SE Inner Loop-Suite 105
Info Technology Srvs
Georgetown, TX 78626

SHIP TO:

Williamson County

301 SE Inner Loop
Suite 105
Georgetown, TX 78626

Customer#: WILLI035
Account Manager: Daniel Guzman
Inside Sales Rep: Greg Hubbard
Title: Williamson County SMARTnet Renewal 2021
Comments: * If purchasing off of the Texas State Contract, please ensure the PO has the following information stated:
Texas DIR-TSO-4167 CISCO Branded Product and Related Services

Contract Vehicle: Texas DIR-TSO-4167 Cisco

#	Part #	Description	List Price	Unit Price	Qty	Ext List Price	Ext Price
1	CON-SMARTNET RENEWAL	CON-SMARTNET RENEWAL	$97,809.87	$70,699.47	1	$97,809.87	$70,699.47

Total List Price:	**$97,809.87**
Sub Total:	**$70,699.47**
Grand Total:	**$70,699.47**

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 **15.**

Meeting Date: 03/16/2021

Inner Loop Annex (P434) - Vaughn Change Order #41

Submitted For: Dale Butler **Submitted By:** Wendy Danzoy, Building Maintenance

Department: Building Maintenance

Agenda Category: Consent

Information

Agenda Item

Discuss, consider, and take appropriate action on accepting a report on the Williamson County Inner Loop Annex Project (P434); Vaughn Construction Change Order #41 in the amount of $24,773.00. This change order is being funded by owner's contingency from within the original project budget.

Background

This change order is to provide labor and materials for a Reception 110 Window Counter Extension, weekend labor to replace Opening #100 (per Owner's request), replacement of 2 Pendant Lights and to provide layout changes to Room 609. There is a time extension of 60 days. On January 7, 2020, the Williamson County Commissioners Court granted Dwayne Gossett, Williamson County Facilities Project Manager, with general authority to approve change orders up to $30,000 in relation to Williamson County Inner Loop Annex Project, pursuant to Local Government Code 262.031. This report is being provided for purposes of notifying the court of such change order and to place it in the minutes of the Commissioners Court.

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

Inner Loop Annex (P434) Vaughn Change Order #41

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Andrea Schiele	03/09/2021 03:44 PM
Building Maintenance (Originator)	Wendy Danzoy	03/10/2021 11:13 AM
County Judge Exec Asst.	Andrea Schiele	03/10/2021 04:44 PM

Form Started By: Wendy Danzoy Started On: 03/09/2021 02:03 PM

Final Approval Date: 03/10/2021

AIA® Document G701™ – 2017

Change Order

PROJECT: *(Name and address)*	CONTRACT INFORMATION:	CHANGE ORDER INFORMATION:
J.Williamson County Annex Renovation 301 SE Inner Loop Georgetown, TX 78626	Contract For: General Construction Date: 1/13/20	Change Order Number: 041 Date: 1/18/2021

OWNER: *(Name and address)*	ARCHITECT: *(Name and address)*	CONTRACTOR: *(Name and address)*
Williamson County, Texas 710 Main Street, Suite 101 Georgetown, TX 78626	KGA Architecture 1701 Directors Boulevard, Ste. 770 Austin, Tx 78744	J.T. Vaughn Construction, LLC 10355 Westpark Drive Houston, TX 77042

THE CONTRACT IS CHANGED AS FOLLOWS:

(Insert a detailed description of the change and, if applicable, attach or reference specific exhibits. Also include agreed upon adjustments attributable to executed Construction Change Directives.)

Change Order No. 041 includes the Change Proposals 42, 44, 45 and 46 for Vaughn Project No. 2791-01.
CP-42 - Provide Reception 110 window counter extension
CP-44 - Weekend labor to replace Opening #100 per Owner's request
CP-45 - Replacement of two (2) pendant lights
CP-46 - Provide layout changes to Room 609 per ASI #06

The original Contract Sum was	$	3,761,000.00
The net change by previously authorized Change Orders	$	103,412.00
The Contract Sum prior to this Change Order was	$	3,864,412.00
The Contract Sum will be increased by this Change Order in the amount of	$	24,773.00
The new Contract Sum including this Change Order will be	$	3,889,185.00

The Contract Time will be increased by Sixty (60) days.
The new date of Substantial Completion will be 06/24/2021

NOTE: This Change Order does not include adjustments to the Contract Sum or Guaranteed Maximum Price, or the Contract Time, that have been authorized by Construction Change Directive until the cost and time have been agreed upon by both the Owner and Contractor, in which case a Change Order is executed to supersede the Construction Change Directive.

NOT VALID UNTIL SIGNED BY THE ARCHITECT, CONTRACTOR AND OWNER.

ARCHITECT *(Firm name)*	CONTRACTOR *(Firm name)*	OWNER *(Firm name)*
KGA Architecture	J.T. Vaughn Contruction LLC	Williamson County, Texas
-See attached digital signatures page-	-See attached digital signatures page-	Dwayne Gossett
SIGNATURE	SIGNATURE	SIGNATURE
James C Lord II	Mike Simpson	DWAYNE GOSSETT
PRINTED NAME AND TITLE	PRINTED NAME AND TITLE	PRINTED NAME AND TITLE
		2-4-2021
DATE	DATE	DATE

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User Notes: (3B9ADA40)

Digital Signatures Page

Mike Simpson

Digitally signed by Mike Simpson
DN: C=US, E=msimpson@vaughnconstruction.com, O="J.T. Vaughn COnstruction, LLC", CN=Mike Simpson
Date: 2021.01.22 10:18:32-06'00'

James C. Lord II

Digitally signed by James C. Lord II
Date: 2021.02.02 13:40:36 -08'00'

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User Notes: (3B9ADA40)

VAUGHN
CONSTRUCTION
301 SE Inner Loop
Georgetown, TX
78626

T: (210) 328-0193

November 03, 2020

Dwayne Gossett
Williamson County
710 Main Street, Ste 101
Georgetown, TX 78626

Re: Annex Renovation
Job No: 279101

Subj: Change Proposal No. 279101-0042

Dear Sir or Madam:

We respectfully submit our proposal for an increase to our contract in the amount of $1,699 (one thousand six hundred ninety-nine) dollars to provide Reception 110 window counter extension for the above referenced project.

Our price is valid for Ten (10) days

Please indicate your acceptance of this change proposal by signing and returning one copy of the attached Form B breakdown of our cost.

Very truly yours,
VAUGHN CONSTRUCTION

Doug Boram

Attachments: Form B and Backup

CC:

FORM B

PROJECT: Annex Renovation

CHANGE PROPOSAL NO: 279101-0042

QUOTATION :

Item	Labor	Materials	Subs	Total
Reception 110 window counter extension	$0.00	$0.00	$1,525.00	$1,525.00
Totals	$0.00	$0.00	$1,525.00	$1,525.00
	Insurance, Tax, Benefits on Labor			$0.00
	Overhead			$0.00
	Fee on Subs			$152.50
	Fee on JTV			$0.00
	Bond			$21.23
	Remodel Tax			$0.00
	TOTAL			**$1,698.73**

TIME EXTENSION TO CONTRACT: 0 Days

Submitted Date: 11/3/2020

Accepted

By: _____

Date _____

VAUGHN CONSTRUCTION

By: _____
Doug Boram

Proposal Valid for 10 Days

BUDA

Request For Pricing (RFP)

RFP Number: 1

Project: WARS — Williamson County Inner Loop Annex Renovation

Detail Ref: Per Request

Work Description: Reception 110 window counter extension with deal trays

Author: Dan Dunivan x

Architect: KGA Architecture

Gen Cont: Vaughn Construction

GC Contact: (None)

Date Sent: 6/10/2020

Cost Impact? ☑

	Item Description	Qty	Materials	Labor	OH&P	Tax	QCP ☑	Bond ☐	Sub Total
1	Material & labor	1	1,350.00	1,450.00	420.00		64.40		3284.40
2	Remove Deal trays from change order	1	-800.00	-700.00	-225.00		-34.50		-1759.50
3			0.00	0.00	0.00		0.00		0.00
4			0.00	0.00	0.00		0.00		0.00
5			0.00	0.00	0.00		0.00		0.00
6			0.00	0.00	0.00		0.00		0.00
7			0.00	0.00	0.00		0.00		0.00
8			0.00	0.00	0.00		0.00		0.00
9			0.00	0.00	0.00		0.00		0.00
10			0.00	0.00	0.00		0.00		0.00
11			0.00	0.00	0.00		0.00		0.00
12			0.00	0.00	0.00		0.00		0.00
	RFP Totals:		$550.00	$750.00	$195.00	0.00	29.90		1524.90

Comments:

Buda Woodworks, LLC. is proceeding with change(s) referenced in your communication below, based upon the scope and pricing provided in BWW's referenced RFP. This action presumes that your communication satisfies all contractual requirements for change approval. This includes the right to receive compensation for this change or file lien, whether or not the Owner has, or has not, approved this change, or whether Owner does, or does not, pay for the referenced change. If this is not consistent with your intent in providing this direction to proceed, please advise me immediately so that work can be stopped until adequate approval is obtained.

VAUGHN
CONSTRUCTION
301 SE Inner Loop
Georgetown, TX
78626

T: (210) 328-0193

November 03, 2020

Dwayne Gossett
Williamson County
710 Main Street, Ste 101
Georgetown, TX 78626

Re: Annex Renovation
Job No: 279101

Subj: Change Proposal No. 279101-0044

Dear Sir or Madam:

We respectfully submit our proposal for an increase to our contract in the amount of $897 (eight hundred ninety-seven) dollars to provide per owner's request, this is the additional labor for demo and replace door pair #100 as weekend work for the above referenced project.

Our price is valid for Ten (10) days

Please indicate your acceptance of this change proposal by signing and returning one copy of the attached Form B breakdown of our cost.

Very truly yours,
VAUGHN CONSTRUCTION

Doug Boram

Attachments: Form B and Backup

CC:

FORM B

PROJECT: Annex Renovation

CHANGE PROPOSAL NO: 279101-0044

QUOTATION :

Item	Labor	Materials	Subs	Total
per owner's request, this is the additional labor for demo and replace door pair #100 as weekend work	$0.00	$0.00	$805.00	$805.00
Totals	$0.00	$0.00	$805.00	$805.00
	Insurance, Tax, Benefits on Labor			$0.00
	Overhead			$0.00
	Fee on Subs			$80.50
	Fee on JTV			$0.00
	Bond			$11.21
	Remodel Tax			$0.00
	TOTAL			**$896.71**

TIME EXTENSION TO CONTRACT: 0 Days

Submitted Date: 11/3/2020

Accepted

By: Dwayne Donley

Date

VAUGHN CONSTRUCTION

By: Doug Boram

Doug Boram

Proposal Valid for 10 Days

ARROW
GLASS AND MIRROR
9201 Brown Lane #280 * Austin, Texas 78754
T. 512-336-0400 * F. 512-336-0408
www.glassgang.com

Change Order Request

To: Vaughan Construction **Number:**

Att: Thomas Morrill **Date: 10/14/2020**

Job: Wilco Inner Loop Remodel

Description: Per owner's request, this is the additional labor for demo and replace door Pair #100 as weekend work.
4 men, 10 hrs each at overtime rate of $52.50 = $2,100.00
Deduct straight time 40 man hours at $35.00 = <$1,400.00>
Total ADD to contract: $ 700.00 + 15% = $805.00
(eight hundred five dollars).

Please contact me with any questions regarding this request. Also, if you can let us know which Saturday is acceptable for installation of these doors; we will try to work it into our schedule. Thank you.

Rob Watts
Project Manager

Submitted by: Arrow Glass & Mirror, Inc.

Approved by:_____
Date:_____

VAUGHN
CONSTRUCTION
301 SE Inner Loop
Georgetown, TX
78626

T: (210) 328-0193

November 18, 2020

Luma Jaffar
KGA Architecture
1701 Directors Blvd., Ste. 770
Austin, TX 78744

Re: Annex Renovation
Job No: 279101

Subj: Change Proposal No. 279101-0045

Dear Sir or Madam:

We respectfully submit our proposal for an increase to our contract in the amount of $1,693 (one thousand six hundred ninety-three) dollars to provide demo of (2) Pendant Lights, and installation of (2) new Pendant Lights. for the above referenced project.

Our price is valid for Ten (10) days

Please indicate your acceptance of this change proposal by signing and returning one copy of the attached Form B breakdown of our cost.

Very truly yours,
VAUGHN CONSTRUCTION

Doug Boram

Attachments: Form B and Backup

CC:

FORM B

PROJECT: Annex Renovation

CHANGE PROPOSAL NO: 279101-0045

QUOTATION :

Item	Labor	Materials	Subs	Total
demo of (2) Pendant Lights, and installation of (2) new Pendant Lights.	$0.00	$0.00	$1,520.00	$1,520.00
Totals	$0.00	$0.00	$1,520.00	$1,520.00
	Insurance, Tax, Benefits on Labor			$0.00
	Overhead			$0.00
	Fee on Subs			$152.00
	Fee on JTV			$0.00
	Bond			$21.16
	Remodel Tax			$0.00
	TOTAL			**$1,693.16**

TIME EXTENSION TO CONTRACT: 0 Days

Submitted Date: 11/18/2020

Accepted

By: Dwayne Howell

Date

VAUGHN CONSTRUCTION

By: Doug Boram

Proposal Valid for 10 Days

Doyle Electric, LLC
917 Sixth St
Marble Falls, Texas 78654
Phone: 512-743-5534

Request for Change Order

09/17/2020

TO:
Vaughn Construction
Doug Boram
Houston, Texas 77042

JOB:
Project: Annex Renovation
301 SE Inner Loop #109
Georgetown, TX 78626

Change Order Number: 552 – 35

CHANGE ORDER INFORMATION: Includes changes from Vaughn RFI – 122

WORK DESCRIPTION: Includes the demo of (2) Pendant Lights, and installation of (2) new Pendant Lights.

The total amount of this Change Order is: **$1,520.00**

Total Number of Working Days: **1**

Exclusions:

- **Overtime**
- **Tax**
- **Sheetrock Cutting, or Repair**
- **Paint**
- **Grid Repair**
- **Schedule Delays**

Sincerely,

Dustin Doyle

Dustin Doyle
Doyle Electric, LLC
512-743-5534

Item#	Description	Qty	Price	Price Unit	Ext Price	Labor	Labor Unit	Ext Labor
T0001	Demo Pendant Fixture	2.00	0.00		0.00	0.50	E	1.00
T0002	Install Pendant Fixture	2.00	0.00		0.00	1.00	E	2.00
T0003	Pendant Fixture Quote	1.00	950.00	E	950.00	0.00		0.00
					950.00			3.00

Change Order Summary	
Material Total	$950.00
Material Subtotal	**$950.00**
Electrician Hours	1.50
Electrician per Hour with Burden	$35.03
Overtime Electrician Hours	
OT Electrician per Hour with Burden	N/A
Superintendent Hours	1.50
Superintendent per Hour with Burden	$59.85
OT Superintendent Hours	
OT Superintendent per Hour with Burden	N/A
Labor Subtotal	***$142.32***
Consumables (6% of material)	*$57.00*
Project Management (5% of labor)	*$7.12*
Safety ($0.50 per labor hour)	*$1.50*
Equipment	*$125.00*
Subcontractors	*$0.00*
Direct Costs Subtotals	***$190.62***
Total Costs Subtotal	$1,282.94
Overhead & Profit (15%)	$192.44
Bond (3%)	$44.26
CHANGE ORDER TOTAL	**$1,520**

ELLIOTT ELECTRIC SUPPLY

"We Deliver... Lower Cost, Quality Products and Personal Service"

QUOTATION

JOB:	WILCO ANNEX	TO:	DOYLE ELECTRIC
DATE:	9/10/2020	ATTN:	TRAVIS
BY:	ROBYN PACKARD	QUOTE #	

Qty.	Type	Description	Unit Price	Extended Price
2	A	PREXT12GV55L35KDS10XHMAT1 44"/DF12/PT		$0.00
				$0.00
NOTES	SHIPPING & TAX NOT INCLUDED		**TOTAL PRICE**	$950.00

PRICING BASED ON MATERIAL LISTED AND OR INCLUDED / ATTACHED BILLS OF MATERIAL.
ANY CHANGES TO THE ABOVE OR ATTACHED BILLS OF MATERIAL WILL REQUIRE A REQUOTE.
PRICING IS GOOD FOR 30 DAYS UNLESS NOTED OTHERWISE.
SPARES NOT INCLUDED UNLESS NOTED OTHERWISE

REQUEST FOR INFORMATION

VAUGHN CONSTRUCTION
301 SE Inner Loop
Georgetown, TX
78626

T: (210) 328-0193

RFI NO: 122

To: Dwayne Gossett
Williamson County
710 Main Street, Ste 101
Georgetown, TX 78626
Phone: (512) 943-1611
Fax:

From: Thomas Morrill

Date: 09/02/2020

Required By: 09/09/2020

Owner: Williamson County, Texas

Job No : 279101

Project: Annex Renovation
301 SE Inner Loop #109
Georgetown, TX 78626

Re: Pendant Lights in Open Office 200

Spec. Section:

Drawing Number: E1.02, E2.02

Other Reference: Pendant Lights in Open Office 200

Question:
There are two existing pendant lights in Open Office 200 (see attached picture) that are not shown on the demo sheet E1.02 or new lighting plan E2.02. Please advise if these pendants are to be demoed or replaced with new fixtures.

Proposed Answer:
Pendant lights will be demoed.

Answer:

Our recommendation is to replace those two pendant lights with type A fixtures to match the replaced fixtures along the exterior wall.

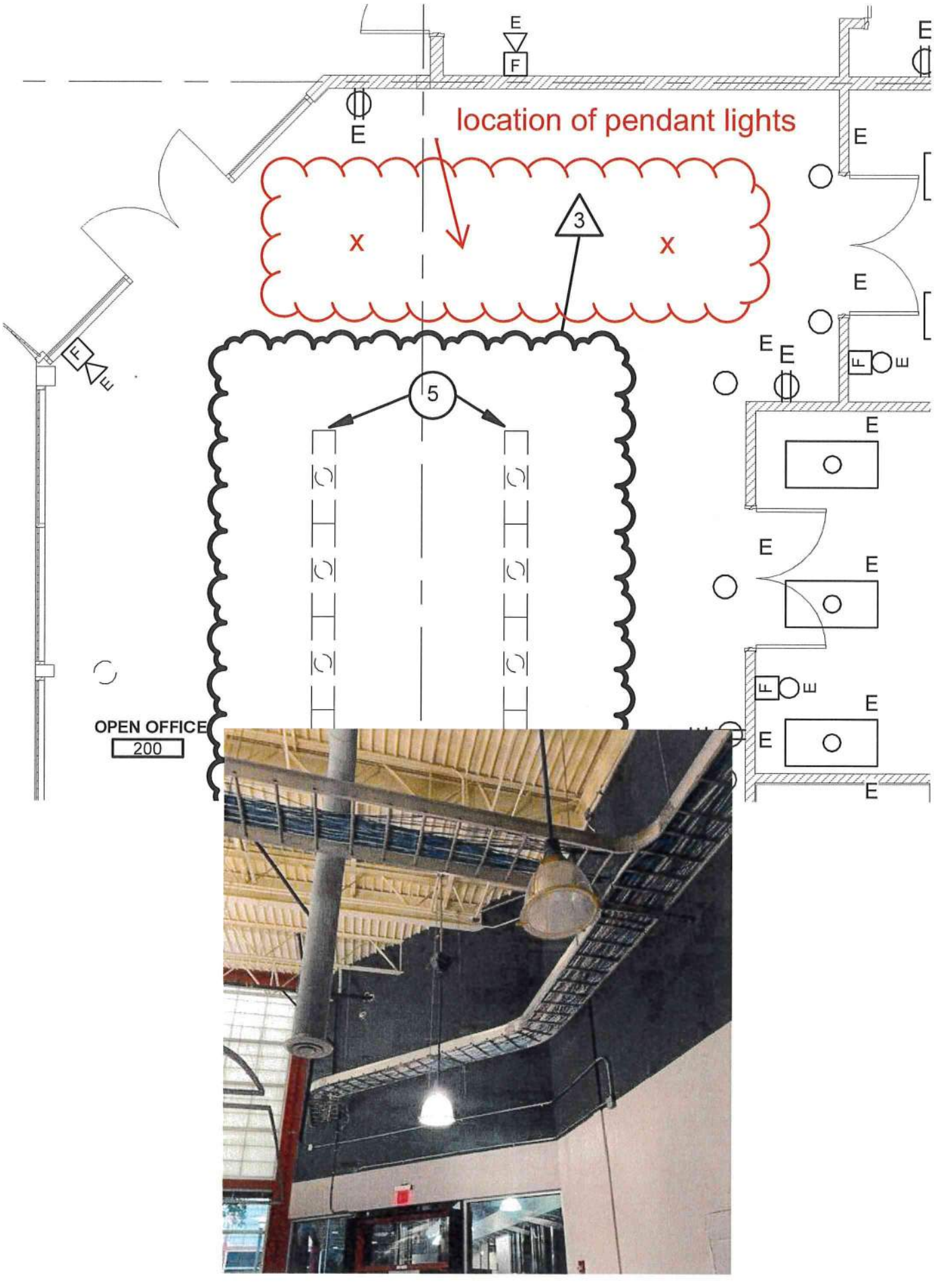
Donald Smith, P.E.
Agnew Associates (F-1005)

Very truly yours,

VAUGHN CONSTRUCTION

Attachments:

CC:


location of pendant lights
x
x
3
5
E
F
OPEN OFFICE
200

VAUGHN
CONSTRUCTION
301 SE Inner Loop
Georgetown, TX
78626

T: (210) 328-0193

December 14, 2020

Dwayne Gossett
Williamson County
710 Main Street, Ste 101
Georgetown, TX 78626

Re: Annex Renovation
Job No: 279101

Subj: Change Proposal No. 279101-0046

Dear Sir or Madam:

We respectfully submit our proposal for an increase to our contract in the amount of $20,484 (twenty thousand four hundred eighty-four) dollars to provide layout changes to Room 609 in accordance with ASI #06 dated 11/17/2020 for the above referenced project.

Our price is valid for Fourteen (14) days

Please indicate your acceptance of this change proposal by signing and returning one copy of the attached Form B breakdown of our cost.

Very truly yours,
VAUGHN CONSTRUCTION

Doug Boram

Attachments:

CC:

FORM B

PROJECT: Annex Renovation

CHANGE PROPOSAL NO: 279101-0046

QUOTATION :

Item	Labor	Materials	Subs	Total
Buda Woodworks	$0.00	$0.00	$3,574.00	$3,574.00
Doyle Electric	$0.00	$0.00	$3,928.00	$3,928.00
Intertech Flooring	$0.00	$0.00	$890.00	$890.00
LaForce	$0.00	$0.00	$2,463.00	$2,463.00
Standard Drywall	$0.00	$0.00	$825.00	$825.00
Slater	$0.00	$0.00	$931.00	$931.00
Stellar Plumbing	$0.00	$0.00	$4,429.00	$4,429.00
Flooring Solutions - Tile	$0.00	$0.00	$841.00	$841.00
Labor - Demo	$550.00	$0.00	$0.00	$550.00
Totals	$550.00	$0.00	$17,881.00	$18,431.00
	Insurance, Tax, Benefits on Labor			$8.42
	Overhead			$0.00
	Fee on Subs			$1,788.10
	Fee on JTV			$0.00
	Bond			$256.00
	Remodel Tax			$0.00
	TOTAL			**$20,483.52**

TIME EXTENSION TO CONTRACT: 60 Days

Submitted Date: 12/14/2020

Accepted

By: Dwayne Jones

Date 12-23-2020

VAUGHN CONSTRUCTION

By:

Doug Boram

Proposal Valid for 14 Days

BUDA

Request For Pricing (RFP)

RFP Number: 2

Project:	WARS	Williamson County Inner Loop Annex Renovation	Author:	Dan Dunivan	Date Sent: 12/3/2020
Detail Ref:	ASI 06 7/A5.02		Architect:	KGA Architecture	
Work Description:	Furnish and install 608 Staff Break		Gen Cont:	Vaughn Construction	Cost Impact? ☒
			GC Contact:		

	Item Description	Qty	Materials	Labor	OH&P	Tax	QCP ☐	Bond ☒	Sub Total
1		1	$2,453.00	$575.00	$454.20	$0.00		$92.00	$3,574.20
2			$0.00	$0.00	$0.00	$0.00		$0.00	$0.00
3			$0.00	$0.00	$0.00	$0.00		$0.00	$0.00
4			$0.00	$0.00	$0.00	$0.00		$0.00	$0.00
5			$0.00	$0.00	$0.00	$0.00		$0.00	$0.00
6			$0.00	$0.00	$0.00	$0.00		$0.00	$0.00
7			$0.00	$0.00	$0.00	$0.00		$0.00	$0.00
8			$0.00	$0.00	$0.00	$0.00		$0.00	$0.00
9			$0.00	$0.00	$0.00	$0.00		$0.00	$0.00
10			$0.00	$0.00	$0.00	$0.00		$0.00	$0.00
11			$0.00	$0.00	$0.00	$0.00		$0.00	$0.00
12			$0.00	$0.00	$0.00	$0.00		$0.00	$0.00
	RFP Totals:		$2,453.00	$575.00	$454.20	$0.00		$92.00	$3,574.20

Comments:

Please find the attached RFP. Because of the possible chonges, the scope of work affected is on hold until we receive written communication of the approval or rejection of this chonge. If opprovl is not received timely, this may impoct BWW's ability to complete on schedule.

Doyle Electric, LLC
917 Sixth St
Marble Falls, Texas 78654
Phone: 512-743-5534

Request for Change Order

12/14/2020

TO:
Vaughn Construction
Doug Boram
Houston, Texas 77042

JOB:
Project: Annex Renovation
301 SE Inner Loop #109
Georgetown, TX 78626

Change Order Number: 552 – 51

CHANGE ORDER INFORMATION: Includes change associated with ASI - 6

WORK DESCRIPTION: Includes the demo, relocation, new installation of fixtures, outlets, switches, (2) outlets in Storage closet and associated materials. Priced as service mount toggle switch in storage room 609.

The total amount of this Change Order is: **$3,928.00**

Total Number of Working Days: **4**

Exclusions:

- **Overtime**
- **Tax**
- **Sheetrock Cutting, or Repair**
- **Paint**
- **Grid Repair**
- **Schedule Delays**

Sincerely,

Dustin Doyle

Dustin Doyle
Doyle Electric, LLC
512-743-5534

Item#	Description	Qty	Price	Price Unit	Ext Price	Labor	Labor Unit	Ext Labor
1001	3/4" EMT	110.00	139.54	C	153.49	5.00	C	5.50
10173	Demo 20A Receptacle	6.00	0.00	E	0.00	0.36	E	2.16
10218	Demo Toggle Switch	1.00	0.00	E	0.00	0.50	E	0.50
1445	3/4" Set Screw Steel Conn	32.00	381.23	C	121.99	0.10	E	3.20
1545	3/4" Set Screw Steel Cplg	9.00	368.95	C	33.21	0.12	E	1.08
2339	3/4" 1-Hole Strap	21.00	48.21	C	10.12	4.00	C	0.84
2423	3/4" Metal Stud Conduit Clip	10.00	166.33	C	16.63	10.00	C	1.00
2472	4" Square x 2-1/8" Deep Box w/brkt (1/2&3/4 KO's)	13.00	5.95	C	77.35	0.30	E	3.90
2660	#12 THHN CU Stranded Wire	638.00	204.23	M	129.46	6.00	M	3.83
4409	#14-12-10 Wire Termination Labor	54.00	0.00	E	0.00	0.18	E	9.72
4648	20A Spec Grade SP Switch	2.00	404.50	C	8.09	0.25	E	0.50
4703	20A/125V Spec Grade Dup Rcpt (5-20R)	4.00	4.44	E	17.76	0.30	E	1.20
4712	20A/125V Spec Grade GFI (5-20R)	1.00	19.48	E	19.48	0.35	E	0.35
4897	4" Square-1G Plaster Ring-5/8"D	4.00	2.10	E	8.40	0.15	E	0.60
5003	4" Square 1G Ind Switch Cover	1.00	3.12	E	3.12	0.15	E	0.15
5000	4" Square 1G Ind Dup Rcpt Cover	2.00	3.15	E	6.29	0.15	E	0.30
5079	4" Square Flat Blank Cover	11.00	1.02	C	11.22	0.12	E	1.32
6133	Red Wirenuts	70.00	145.79	M	10.21	3.50	C	2.45
7114	Ground Screw with Bare Pigtail	15.00	265.76	C	39.86	2.00	C	0.30
9945	Remove #12 wire (per foot)	126.00	0.00	E	0.00	0.40	C	0.50
T0001	Demo Pendant Fixtures	4.00	0.00		0.00	1.00	E	4.00
T0002	Install Pendant Fixtures	4.00	0.00		0.00	1.00	E	4.00
					666.69			47.40

Change Order Summary	
Material Total	$666.69
Material Subtotal	**$666.69**
Electrician Hours	23.70
Electrician per Hour with Burden	$35.03
Overtime Electrician Hours	
OT Electrician per Hour with Burden	N/A
Superintendent Hours	23.70
Superintendent per Hour with Burden	$59.85
OT Superintendent Hours	
OT Superintendent per Hour with Burden	N/A
Labor Subtotal	***$2,248.56***
Consumables (6% of material)	*$40.00*
Project Monogement (5% of labor)	*$112.43*
Safety ($0.50 per labor hour)	*$23.70*
Equipment	*$225.00*
Subcontractors	*$0.00*
Direct Costs Subtotals	***$401.13***
Total Costs Subtotal	$3,316.38
Overhead & Profit (15%)	$497.46
Bond (3%)	$114.42
CHANGE ORDER TOTAL	**$3,928**

Jarvis Brawley

From: Billy Chrzan <bchrzan@IntertechFlooring.com>
Sent: Thursday, December 3, 2020 8:43 AM
To: Jarvis Brawley
Subject: RE: Wilco Annex Attic Stock

– External Email –

I have attic stock here...when do you need it?

ASI06 is only the few of feet of new lvt and a box of base where they move that wall back correct? $890.00

Thanks,

Billy Chrzan
512-312-7216 Direct
512-771-1880 Cell

From: Jarvis Brawley <JBrawley@vaughnconstruction.com>
Sent: Wednesday, December 2, 2020 15:03
To: Billy Chrzan <bchrzan@IntertechFlooring.com>
Subject: RE: Wilco Annex Attic Stock

Billy,

We have some stuff here but some of it has been used to perform punch work I'd assume.

I counted 2 unopened boxes of carpet, 1 box of carpet that has been opened. There is 1 unopened box of the LVT, and 1 box that has been opened. There was only an empty box of what should've been base.

I also need a transmittal for attic stock.

One more thing, have you sent over pricing for ASI 6? Sorry if it slipped by me.

Thank you,
Jarvis Brawley
Project Engineer
Mobile: (713) 262-5955 | E-Mail: jbrawley@vaughnconstruction.com

VAUGHN
CONSTRUCTION
www.vaughnconstruction.com

From: Billy Chrzan <bchrzan@IntertechFlooring.com>
Sent: Tuesday, November 24, 2020 10:52 AM
To: Jarvis Brawley <JBrawley@vaughnconstruction.com>

Cc: Carmen Gust <CGust@vaughnconstruction.com>; Jacob Chrzan <jchrzan@intertechflooring.com>
Subject: RE: Wilco Annex Attic Stock

– External Email –

Good morning Jarvis,
Please tell me how many boxes of each are still onsite...that is supposed to be our attic stock.

Thanks,

Billy Chrzan
512-312-7216 Direct
512-771-1880 Cell

From: Jarvis Brawley <JBrawley@vaughnconstruction.com>
Sent: Tuesday, November 24, 2020 10:17
To: Billy Chrzan <bchrzan@IntertechFlooring.com>
Cc: Carmen Gust <CGust@vaughnconstruction.com>
Subject: Wilco Annex Attic Stock

Billy,

Can you take a look at this list as it pertains to attic stock. Let me know when we can get these items or if they have already been set aside for us.

RESILIENT BASE AND ACCESSORIES: SECTION 096513

Furnish not less than 10 linear feet (3 linear m) for every 500 linear feet (150 linear m) or fraction thereof, of each type, color, pattern, and size of resilient product installed

RESILIENT TILE FLOORING: SECTION 096519

Floor Tile: Furnish one box for every 50 boxes or fraction thereof, of each type, color, and pattern of floor tile installed.

TILE CARPETING: SECTION 096813

Carpet Tile: Full-size units equal to 7 percent of amount installed for each type indicated, but not less than 10 sq. yd. (8.3 sq. m).

Thank you,
Jarvis Brawley
Project Engineer
Mobile: (713) 262-5955 | E-Mail: jbrawley@vaughnconstruction.com

VAUGHN
CONSTRUCTION
www.vaughnconstruction.com

LAFORCE INC

ELECTRONIC SECURITY SYSTEMS powered by LAFORCE

Email Quote

Date: November 25, 2020
To: Shawn Baggett
Company: Vaughn Construction

Total Pages: 1
From: Jenna Dworak
Phone: (800) 236-8858
(800) 672-6795 ext.
E-mail: JLD@laforceinc.com

Re: Change Order Request #4 - ASI 06
Wilco Annex Renovation

LaForce Job#: 177-6885

Please add $2,463.00 for the material listed below for opening 609 and the install of the door and hardware.

(1) Hollow metal frame
(1) Wood Door
(3) Hinges
(1) Storeroom Lockset
(1) Wall Stop

Authorized by: _____

Company name: _____

Date: _____

Standard Drywall, Inc.

4304-A Burch Drive Del Valle, TX 78617

Change Order Proposal

TO:	Doug Boram Vaughn Construction 10355 Westpark Dr. Houston, TX 77042	DATE:	November 23, 2020
		JOB NAME:	Wilco Inner Loop Radio Annex
PHONE:	-		
FAX:	blank	JOB NUMBER:	TX7290 -22

Description: ASI 6 - Added walls and door frame for Storage Room 609

DETAILS OF WORK	Unit	Quantity	Unit Cost		Total
Materials					
see attached			$ -	$	172.00
			$ -	$	-
			$ -	$	-
			$ -	$	-
			$ -	$	-
			$ -	$	-
			$ -	$	-
			$ -	$	-
			$ -	$	-
		TAX	0.00%	$	-
			Material Subtotal	$	172.00
Equipment					
			$ -	$	-
			$ -	$	-
			$ -	$	-
			$ -	$	-
			$ -	$	-
		TAX	8.25%	$	-
			Equipment Subtotal	$	-
Labor					
see attached				$	545.00
				$	-
				$	-
				$	-
			Labor Subtotal	$	545.00
			Subtotal	$	717.00
		OH&P	15.00%	$	107.55
			TOTAL AMOUNT OF CHANGE:	**$**	**825**
			ADDITIONAL DAYS REQUESTED:		

QUALIFICATIONS:
Cost Includes material and labor to add walls and door frame for Storage room 609 per ASI 6. No other additional work included.

ACCEPTED BY:

Doug Boram — Date

SUBMITTED BY:

Jeremy Riddle — November 23, 2020 — Date

Revised: 9/17/2004

Section Markup

Wilco Inner Loop Anex/Radio Shop

ASI 6

Bid No. 11

		Material		Labor		Subs		Equipment		Other		Total
Net Totals		**168.62**		**476.76**		**0.00**		**0.00**		**0.00**		**645.37**
Stock		0.00		19.65		–		–		–		19.65
Cleanup		0.00		19.65		–		–		–		19.65
Supervision		–		29.40		–		–		–		29.40
Sub Totals		**168.62**		**545.46**		**0.00**		**0.00**		**0.00**		**714.08**
Escalation	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00
Tax/Burden	2.00%	3.37	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.47%	3.37
PerDiem		–		0.00		–		–		–		0.00
Sub Total		**171.99**		**545.46**		**0.00**		**0.00**		**0.00**		**717.45**
Overhead	15.00%	25.80	17.16%	81.82	0.00%	0.00	0.00%	0.00	0.00%	0.00	15.00%	107.62
Profit	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00
Bid total		**197.79**		**627.28**		**0.00**		**0.00**		**0.00**		**825.07**

Grand Total: **825.07**

Slater Painting

11/24/2020

Doug Boram
Vaughn Construction
6604 N. Lamar
Austin, TX 78712

Re: Wilco Annex

Dear Doug :

We have reviewed proposal request for ASI # 6 and the add for this work is $ 931.00.

Attached for your review is our cost breakdown. Please advise if this change proposal is accepted.

Sincerely,

Brad Jackson
Project Manager

9607 Gray Blvd Austin, TX 78758 Phone:512-451-4246 Fax:

ASI # 6

ESTIMATE RECAP

PROJECT: WILCO ANNEX
BID DATE: 11/24/20

DESCRIPTION	QNTY	UNIT	LABOR M.H.UNIT	MAN HOUR	$25.11 TOTAL	MATERIAL: UNIT	TOTAL	PROJECT F TOTALS
T/F WALLS	490	SF	0.030	14.70	369.12	0.100	49.00	418.12
PATCH EXISTING WALLS	243	SF	0.005	1.22	30.51	0.010	2.43	33
PRIME WALLS	490	SF	0.010	4.90	123.04	0.040	19.60	142.64
PAINT WALLS- 1ST COAT	490	SF	0.008	3.92	98.43	0.060	29.40	127.83
PAINT WALLS- 2ND COAT	490	SF	0.008	3.92	98.43	0.060	29.40	127.83
SPOT PRIME WALLS	243	SF	0.003	0.73	18.31	0.010	2.43	20.74
PAINT WALLS- 1ST COAT	243	SF	0.008	1.94	48.81	0.060	14.58	63.39
PAINT WALLS- 2ND COAT	243	SF	0.008	1.94	48.81	0.060	14.58	63.39
PAINT HM DOORFRAME	1	EA	2.000	2.00	50.22	40.000	40.00	90
PROTECTION & CLEAN UP	1	LS	8.000	8.00	200.88	100.000	100.00	300.88
SUBTOTAL				43.27	1086.56		301.42	1387.98
BURDEN	40.00 %				434.62			434.62
SALES TAX	0.00 %						0.00	0.00
SUBTOTAL					1521.18		301.42	1822.60
						O & P	0.15	273.39
						TOTAL		931.00

Stellar Plumbing, Inc.
807 Tradesmens Park Loop, Suite C
Hutto, Texas 78634
Phone: (512) 642-6447
RMP M-37633

Proposed Change Order

To:	Vaughn Construction 6604 N. Lamar Austin, Texas 78752	Date:	December 3, 2020
		Stellar Plumbing PC No.:	**8**
Attention:	Thomas Morrill	P.C. Description:	ASI 06
Phone:	(210) 328-0193		
Fax:	tmorrill@vaughnconstruction.com	Project No.:	19112
		Project:	Wilco Annex 301 SE Inner Loop Georgetown, Texas 78626
G.C. Ref. No.:	ASI 06		
Arch. Ref. No.:	ASI 06		

We propose to furnish all the labor and material required to install the Plumbing changes on the above project in accordance with the following description:

DEMO SINK, WASTE, VENT AND WATER LINES IN ROOM 609
ROUGH IN AND INSTALL WASTE, VENT, HOT & COLD WATER LINES
ABOVE SLAB, FURNISH AND INSTALL (1) BREAKROOM SINK AND FAUCET

Drawings Affected	Dated
A1.00	11/17/2020

Total cost of proposed change to contract — ADD **$** **4,429**

Change to completion date of contract from date of release

Our pricing reflects changes only as indicated by above description. All exclusions and qualifications of the original contract remain the same. This price is subject to change if not released within thirty (30) days or if trades proceed with further construction that may hinder our normal installation.

Please, notify us in writing if we are to proceed with the proposed change.

Sincerely,
STELLAR PLUMBING, INC.

Richard Chapman

Richard Chapman
Estimator/Project Manager

P.C. No.
8

Project Name	Project No.
Wilco Annex	19112

Pricing Summary

Labor		$	1,933
Subcontractors		$	-
Jobsite Expenses		$	-
Materials & Equipment		$	1,826
Sub-Total		**$**	**3,759**
Warranty Percentage	2.0%	$	75
Sub-Total		**$**	**3,835**
Overhead Percentage	10%	$	383
Sub-Total		**$**	**4,218**
Fee Percentage	5%	$	211
Sub-Total		**$**	**4,429**
Texas State Remodel Tax	0.00%	$	-
Sub-Total		**$**	**4,429**
Bond Percentage	0%	$	-
Total P. C. Pricing		**$**	**4,429**

STELLAR PLUMBING, INC.
Proposed Change Order Form

P.C. No.
8

Project Name	Project No.
Wilco Annex	19112

Cost Code	Description								Amount
	Labor								
4000	Plumbing Piping Labor	0% O.T.	32.4	HRS @	$ 49.50 /HR	-	HRS @	$ 74.25 /HR	$ 1,603.80
		0% O.T.	-	HRS @	$ 49.50 /HR	-	HRS @	$ 74.25 /HR	$ -
7970	Plumbing / Piping Foreman	0% O.T.	-	HRS @	$ 59.60 /HR	-	HRS @	$ 89.40 /HR	$ -
		0% O.T.	-	HRS @	$ 49.50 /HR	-	HRS @	$ 74.25 /HR	$ -
7600	Project Manager Labor		1.0	HRS @	$ 81.95 /HR				$ 81.95
7620	Detailing Labor	0% O.T.	1.0	HRS @	$ 48.70 /HR	-	HRS @	$ 73.05 /HR	$ 48.70
7610	Project Engineer Labor		-	HRS @	$ 52.86 /HR				$ -
7970	Roll Out and Clean Up	0% O.T.	2.0	HRS @	$ 49.50 /HR	-	HRS @	$ 74.25 /HR	$ 99.00
								Total Labor	**$ 1,932.45**
	Subcontractors								
6510	SHEET METAL SUB								$ -
6520	INSULATION SUB								$ -
6530	TEMPERATURE CONTROLS SUB								$ -
6540	TAB SUB								$ -
6550	PLUMBING SUB								$ -
6560	CERTIFICATION/TESTING SUB								$ -
6570	FIRE PROTECTION SUB								$ -
6580	SITE UTILITIES SUB								$ -
6610	ELECTRICAL SUB								$ -
6620	HEAT TRACE SUB								$ -
6630	FIRE STOP SUB								$ -
6640	WATER TREATMENT SUB								$ -
6650	HOT TAP SUB								$ -
6710	HOISTING & RIGGING SUB								$ -
6720	CONCRETE CORE/CUT SUB								$ -
6721	CONCRETE POUR BACK SUB								$ -
6725	SLAB X-RAY/SCANNING SUB								$ -
6730	EXCAVATION SUB								$ -
6740	WELDING SUB								$ -
6750	GENERAL CONTRACTING SUB								$ -
6760	ROOFING SUB								$ -
6770	PAINTING SUB								$ -
6810	SERVICE SUB								$ -
6860	ENGINEERING SUB								$ -
	OTHER SUB								$ -
								Total Subcontractors	**$ -**
	Jobsite Expenses								
7310	PERMIT AND FEES								$ -
7350	SITE FACILITIES								$ -
7090	TRAVEL EXPENSE								$ -
7040	EQUIPMENT RENTAL								$ -
7120	PARKING								$ -
7510	FIELD OFFICE SUPPLIES								$ -
7550	JOBSITE STORAGE								$ -
7200	DOCUMENT REPRODUCTION								$ -
								Total Jobsite Expenses	**$ -**

STELLAR PLUMBING, INC.
Proposed Change Order Form

P.C. No. **8**

Project Name: Wilco Annex

Project No. **19112**

Cost Code	Description		Amount
	Materials		
1500	Plumbing Fixtures & Equipment		$ 1,105
1000	Plumbing Materials		$ 634
			$ -
			$ 0
			$ -
	Materials Sub-Total		$ 1,739
	Consumables Percentage	5%	$ 87
	Equipment		
			$ -
			$ -
			$ -

Date: 12/10/2020

To: Doug Boram

Customer PO:
279101-0007

Flooring SOLUTIONS INC
605 W HOWARD LANE SUITE 200
Austin , TX 78753
Phone : (512) 335-8089 / Fax: (512) 258-2581

Change Order Request

Job No: 14095
Request #: 1
CO #: 0

Invoice To:
Vaughn Construction
10355 Westpark
Houston, Tx 77042

Project:
WILLIAMSON COUNTY INNER LOOP ANNEX (TILE)
301 SE INNER LOOP
GEORGETOWN, TX 78626

DOUG BORAM
Phone: (512) 321-5393
Fax: (512) 321-5820

From:	*Project Manager:*	*Estimator:*
Adam Roy		

Description of Change Order Request:

AR: ASI #6

AR: ASI #6

ADD

	Manufacturer / *Style*	*Color Name:* / *Color Number:*	*Ft Wide:* / *Ft Long:*	*Quantity:*	*UOM:*
1	**PT-01 CERAMIC WALL TILE - BREAKROOM**				
	DAL-TILE	MATTE BLACK	0.00	15.00	SF
	MODERN DIMENSIONS 4" X 8"	K711	0.00		
2	**PT-02 CERAMIC WALLTILE - BREAKROOM**				
	DAL-TILE	GLOSS BLACK	0.00	10.00	SF
	MODERN DIMENSIONS 4" X 8"	K111	0.00		
3	**METAL SUPPLIED AND INSTALLED**				
	SCHLUTER® SYSTEMS	10MM- 3/8"	0.00	2.00	EA
	SCHEINE AE-100 SATIN ANODIZED ALUMINUM	AE 100	0.00		
4	**GRT-2 SUPPLIED AND INSTALLED- PT03**				
	CUSTOM	NATURAL GRAY	0.00	1.00	EA
	POLYBLEND SANDED GROUT	09	0.00		
5	**THINSET LATEX MODIFIED SUPPLIED AND INSTALLED**				
	LATICRETE ®	3.5 GALLON	0.00	1.00	EA
	15 PREMIUM MASTIC		0.00		

Total ADD **$841.00**

$841.00

SALESMAN'S SIGNATURE _____ ***Approximate Installation Start Date:***

CUSTOMER'S AUTHORIZATION _____

Williamson County Annex Renovation
Form B

Change in Work - Cost Analysis Form

(To Be Completed All Subcontractors, Suppliers & Contractors Associated with the Change Proposal)

Project No. & Name: 2791-01 Wilco Annex Renovation DATE 12/10/2020

Contractor Name: Vaughn Construction Change No.

Description of Change: Additional demo and specialties installation in accordance with ASI #06

Means Code	Description	Quantity	Unit	Unit Cost	Labor	Material & Equipment	Subcontract
	Labor (2 guys, 1 days)	16.0		$ 26.54	$424.64	$ -	$ -
	Labor (2 guys, 1 hr)	2.0		$ 26.54	$53.08	$ -	$ -
						$ -	
				SUBTOTAL	$ 477.72	$ -	$ -
				BOND			$ -

Work preformed by the Contractor's own employees		**SUBTOTAL**	$ 477.72
Work up to $10,000.00, add...	15.0%		$ 71.66
Work between $10,000.01 and $20,000.00, add...	10.0%		$ -
Work greater than $20,000.00, add...	7.5%		$ -

Managing subcontracted work		**SUBTOTAL**	$ -
Work up to $10,000.00, add...	10.0%		$ -
Work between $10,000.01 and $20,000.00, add...	7.5%		$ -
Work greater than $20,000.00, add...	5.0%		$ -

Sales Tax 8.25% $ -

TOTAL FOR THIS CHANGE PROPOSAL $ 549.38

kga

ASI # 6

Owner Requested Revisions

Date: 11/17/2020

Project: Williamson County – Inner Loop Annex & Radio Shack Buildings Renovation
18459.01

Williamson County – Inner Loop Annex & Radio Shack Buildings Renovation documents, dated May 10, 2019 issued for the project are modified and revised. The information contained in this document modifies, supplements, clarifies, or replaces information contained on Drawings and is made part of the Construction Documents.

If any cost/time impact will occur due to this information, the Contractor shall notify the Architect within 3 working days and prior to commencement of any work. Issuance of this Architect's Supplemental Instruction is not authorization for additional work. Any work performed prior to a change order approval is at the Contractor's risk.

1. AD1.00 – Inner Loop Building Demolition
    a. Room 609 walls updated to demolition of countertop, millwork, and plumbing updated to be demo.

2. AD1.01– Inner Loop Plan Demolition A
    a. Room 609 walls updated to demolition of countertop, millwork, and plumbing updated to be demo.

3. AD2.00 – Inner Loop Reflected Ceiling Plan Demolition
    a. Room 609 ceiling and lights updated per demo changes.

4. AD2.01 – Inner Loop Reflected Ceiling Plan Demolition A
    a. Room 609 ceiling and lights updated per demo changes.

5. A1.00 – Inner Loop Overall Floor Plan
    a. Room 609 layout changes with new walls added. Staff break counter new configuration.

6. A1.01 – Inner Loop Enlarged Floor Plan A
    a. Room 609 layout changes with new walls added. Staff break counter new configuration.

7. A1.10 – Inner Loop Enlarged Floor Plans
    a. Addition of Plan 7/A1.10 Corridor Staff Break Counter. New enlarged plan provides dimensions, notes, and callouts for updated room 609 and staff break counter.

8. A2.01 – Inner Loop Finish Floor Plan A
    a. Layout for Room 609 updated per changes listed above. Floor finish edges and outlines updated per new walls layout.

9. A2.11 - Door Schedule & Door Details
    a. Added Door 609 to the Door schedule per the changes to Room 609.

10. A3.00 – Overall Reflected Ceiling Plan
    a. Ceiling Layout at Room 609 updated per changes to wall layout. Light layout in this area updated.

11. A3.01 - Enlarged Area A Reflected Ceiling Plan
    a. Ceiling Layout at Room 609 updated per changes to wall layout. Light layout in this area updated.

12. A5.02 – Inner Loop Interior Elevations
    a. Addition of 7/A5.02, interior elevation of the updated counter layout. Notes, dimensions, and callouts for the counter layout are detailed.

Attachments
Drawings: AD1.00, AD1.01, AD2.00, AD2.01, A1.00, A1.01, A1.10, A2.01, A2.11, A3.00, A3.01, A5.02

Commissioners Court - Regular Session **16.**

Meeting Date: 03/16/2021

Doucet 1903-303 Contract Amendment No 1 - Rates

Submitted For: Robert Daigh **Submitted By:** Vicky Edwards, Infrastructure

Department: Infrastructure

Agenda Category: Consent

Information

Agenda Item

Discuss, consider and take appropriate action on Contract Amendment No 1 under Williamson County Contract for Engineering Services between Doucet & Associates and Williamson County dated July 16, 2019 for Engineering Services Smith Branch Flood Control near Juvenile Justice Center. Funding source: P519.

Background

This Contract Amendment No 1 is to update Doucet & Associates rates.

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

Doucet 1903-303 Contract Amendment No 1 - Rates

Form Review

Inbox	Reviewed By	Date
Hal Hawes	Hal Hawes	03/10/2021 10:25 AM
County Judge Exec Asst.	Andrea Schiele	03/10/2021 04:46 PM
Form Started By: Vicky Edwards		Started On: 03/10/2021 09:54 AM
Final Approval Date: 03/10/2021		

CONTRACT AMENDMENT NO. __1___
TO
WILLIAMSON COUNTY CONTRACT FOR ENGINEERING SERVICES

This Contract Amendment No. __1__ to Williamson County Contract for Engineering Services ("Amendment No. __1__") is by and between Williamson County, Texas, a political subdivision of the State of Texas, (the "County") and Doucet & Associates (the "Engineer").

RECITALS

WHEREAS, the County and the Engineer previously executed that certain Contract for Engineering Services (the "Contract"), being dated effective July 16, 2019, wherein Engineer agreed to perform certain professional engineering services in connection with the Engineering Services Smith Branch Flood Control near Juvenile Justice Center 1903-303 ("Project");

WHEREAS, it has become necessary to supplement, modify and amend the Contract in accordance with the provisions thereof.

AGREEMENT

NOW, THEREFORE, premises considered, the County and the Engineer agree that the Contract is supplemented, amended and modified as follows:

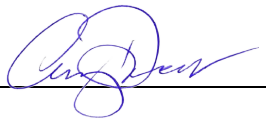
I. Amendment to Exhibit __D____ - Rate Schedule

Pursuant to the CPI Rate Adjustments provisions set forth in the original Rate Schedule of the Contract, County and Engineer hereby agree the Rate Schedule attached hereto as Attachment 1 shall supplant and replace the current Rate Schedule and become effective as of the last party's execution below.

II. Terms of Contract Control and Extent of Amendment No. _____

All other terms of the Contract and any prior amendments thereto which have not been specifically amended herein shall remain the same and shall continue in full force and effect.

III. IN WITNESS WHEREOF, the County and the Engineer have executed this Amendment No. __1___, in duplicate, to be effective as of the date of the last party's execution below.

Engineer:	**COUNTY:**
Doucet & Associates, Inc.	**Williamson County, Texas**
By: 	By: _____
Printed Name: Amy Doucet	Printed Name: _Bill Gravell, Jr.___
Title: Principal	Title: __County Judge_____
Date: March 8, 2021	Date: _____ ____, 2021

Attachment 1

Please see next page.

DOUCET
& ASSOCIATES

7401B Highway 71 West, Suite 160
Austin, TX 78735
Office: 512.583.2600
Fax: 512.583.2601

DoucetandAssociates.com

Attachment 1

Doucet & Associates 2020 Fee Schedule (effective 3/30/2020)

Personnel	Hourly Fee		Personnel	Hourly Fee
Principal Engineer (PE)	$250.00		Principal Surveyor (RPLS)	$250.00
Senior Project Manager	$230.00		Project Manager (RPLS)	$210.00
Project Manager	$200.00		Project Coordinator	$140.00
Senior Project Engineer (PE)	$185.00		Survey Specialist	$130.00
Project Engineer III	$170.00		Survey Technician	$105.00
Project Engineer II	$160.00		GIS Specialist	$130.00
Project Engineer I	$145.00		GIS Technician	$100.00
Engineer Associate II	$130.00		LiDAR Specialist	$130.00
Engineer Associate I	$115.00		LiDAR Technician	$100.00
Sr. Construction Manager	$150.00		Aerial Mapping Specialist	$130.00
Construction Manager	$110.00		Aerial Mapping Technician	$100.00
Program Manager	$110.00		Utility Specialist	$130.00
Sr. Civil Technician	$140.00		Utility Technician	$100.00
Civil Technician	$125.00		Field Coordinator	$140.00
Assistant Civil Technician	$115.00		Field Specialist	$110.00
			Crew of 1	$115.00
Senior Planner (AICP)	$170.00		Crew of 2	$160.00
Project Planner	$155.00		Crew of 3	$210.00
Staff Planner	$115.00		Division Administrator	$100.00
Planning Technician	$105.00		LiDAR Scanner	$100.00/hr
			Drone	$600.00/hr
Sr. Operations Assistant	$100.00		Ground Targets	$25/ea
Operations Assistant	$ 75.00		Concrete Monuments	$250/ea
			ATV/Boat/Sonar	$100/day
Expert Witness	$525.00		Mileage	Current IRS rate

D&A reserves the right to periodically adjust our fee schedule.

Commissioners Court - Regular Session **17.**

Meeting Date: 03/16/2021

Williamson County Landfill Oncor Power Easement

Submitted For: Robert Daigh **Submitted By:** Vicky Edwards, Infrastructure

Department: Infrastructure

Agenda Category: Consent

Information

Agenda Item

Discuss, consider and take appropriate action on an Oncor Power Distribution Line Easement between Williamson County and Oncor Electric Delivery Company, LLC relating to an easement that is necessary for operations at the Williamson County Landfill.

Background

Waste Management, the operator of the Williamson County Landfill, requires a power line easement to power the water pumps at the landfill. The easement will be temporary and will be abandoned when the power line is removed. The easement holder will be Oncor Electric. The easement will start at County Road 130 and run southeast to Chandler Rd and then along Chandler Rd. Please see attached Exhibit A.

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

Easement and Right of Way

Exhibit A

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Andrea Schiele	03/10/2021 04:48 PM
Form Started By: Vicky Edwards		Started On: 03/10/2021 03:52 PM
Final Approval Date: 03/10/2021		

PT# _____
District: KRT/TAY
WR#: 3527318
ER#: _____

EASEMENT AND RIGHT OF WAY

STATE OF TEXAS §
§ KNOW ALL MEN BY THESE PRESENTS:
COUNTY OF WILLIAMSON §

That, **Williamson County, Texas,** hereinafter called "Grantor", whether one or more, for and in consideration of Ten Dollars ($10.00) and other valuable consideration to Grantor in hand paid by **Oncor Electric Delivery Company LLC, a Delaware limited liability company**, 1616 Woodall Rodgers Freeway, Dallas, Texas 75202-1234. hereinafter referred to as "Grantee", has granted, sold and conveyed and by these presents does grant, sell and convey unto said Grantee, its successors and assigns, an easement and right-of-way for overhead and/or underground electric supply and communications facilities, consisting of a variable number of wires and cables, supporting structures, surface mounted equipment, conduits and all necessary or desirable appurtenances over, under, through, across and upon Grantor's land described as follows:

SEE EXHIBIT "A" (ATTACHED)

Grantor recognizes that the general course of said lines, or the metes and bounds as described above, is based on preliminary surveys only, and Grantor hereby agrees that the easement and right-of-way and its general dimensions hereby granted shall apply to the actual location of said lines when constructed.

Together with the right of ingress and egress along and upon said easement and right-of-way and over and across Grantor's adjoining properties for the purpose of and with the right to construct, maintain, operate, repair, remove, replace, reconstruct, abandon in place, and to change the size and capacity of said facilities; the right to relocate said facilities in the same relative direction of said facilities; the right to relocate said facilities in the same relative position to any adjacent road if and as such is widened in the future; the right to lease wire space for the purpose of permitting others to string or lay wire or cable along said facilities; the right to prevent excavation within the easement area; the right to prevent construction of, within the easement area, any and all buildings, structures or other obstructions which, in the sole judgment of Grantee, may endanger or interfere with the efficiency, safety, and/or convenient operation of said facilities and their appurtenances and the right to trim or remove trees or shrubbery within, but not limited to, said easement area, including by use of herbicides or other similar chemicals approved by the U.S. Environmental Protection Agency, to the extent in the sole judgment of Grantee, as may be necessary to prevent possible interference with the operation of said facilities or to remove possible hazard thereto. Grantor shall not make changes in grade, elevation or contour of the land or impound water within the easement area as described above without prior written consent of Grantee.

Grantor reserves the right to use the land within the above described easement area for

purposes not inconsistent with Grantee's use of such property, provided such use shall not, in the sole judgment of Grantee, interfere with the exercise by Grantee of the rights hereby granted.

TO HAVE AND TO HOLD the above described easement and right-of-way unto the said Grantee, its successors and assigns, until all of said electric lines and facilities shall be abandoned, and in that event said easement and right-of-way shall cease and all rights herein granted shall terminate and revert to Grantor or Grantor's heirs, successors or assigns, and legal representatives, to warrant and forever defend the above described easement and right-of-way unto Grantee, its successors and assigns, against every person whomsoever lawfully claiming or to claim the same or any part thereof.

EXECUTED this _____ day of _____, 2021.

By: **Williamson County, Texas**

By: _____
Bill Gravell Jr., County Judge

STATE OF TEXAS §
§
COUNTY OF _____ §

BEFORE ME, the undersigned authority, on this day personally appeared **Bill Gravell Jr., County Judge of Williamson County, Texas,** known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same for the purposes and consideration therein expressed, in the capacity therein stated and he is authorized to do so.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this _____ day of _____, A.D. 2021.

_____
Notary Public in and for the State of Texas

EXHIBIT "A"
PROPOSED 25 FOOT WIDE ELECTRIC EASEMENT

BEING A METES AND BOUNDS DESCRIPTION FOR A PROPOSED TWENTY-FIVE FOOT (25') WIDE ELECTRIC EASEMENT LOCATED IN THE JOHN DYKES SURVEY, ABSTRACT NO. 186, WILLIAMSON COUNTY, TEXAS AND BEING PART OF A CALLED 201.54 ACRE TRACT OF LAND TO WILLIAMSON COUNTY IN CONDEMNATION CASE NO. 97-012-C277, WILLIAMSON COUNTY, TEXAS (NO OFFICIAL PUBLIC RECORDING INFORMATION AVAILABLE) AND A PART OF A CALLED 60.594 ACRE TRACT OF LAND (TRACT 1) TO WILLIAMSON COUNTY, DESCRIBED IN VOLUME 862, PAGE 732, DEED RECORDS, WILLIAMSON COUNTY, TEXAS; SAID PROPOSED ELECTRIC EASEMENT BEING MORE PARTICULARLY DESCRIBED BY METES AND BOUNDS AS FOLLOWS:

COMMENCING at a 5/8-inch iron rod found in the east margin of County Road 130 (Variable Width R.O.W.), being the northwest corner of a called 120.161 acre tract of land to Williamson County, described in Document No. 9707182, Official Records, Williamson County, Texas, same being the southwest corner of said 60.594 acre tract;

THENCE, North 68°32'58" East, leaving the east margin of said County Road 130, along the north line of said 120.161 acre tract, same being the south line of said 60.594 acre tract, a distance of 1,247.09 feet to a calculated point, for the **POINT OF BEGINNING**, and southwest corner of the herein described proposed electric easement;

THENCE, leaving the north line of said 120.161 acre tract, over and across said 60.594 acre tract, the following three (3) courses and distances:

1) North 41°49'03" West, a distance of 103.85 feet to a calculated point;

2) North 69°53'55" West, a distance of 343.53 feet to a calculated point;

3) North 80°37'26" West, a distance of 1,113.34 feet to a calculated point in the east margin of said County Road 130, being the west line of said 60.594 acre tract, for an angle point, from which the aforementioned 5/8-inch iron rod found (Point of Commencement) at the southwest corner of said 60.594 acre tract bears South 21°35'25" East, a distance 895.75 feet;

THENCE, North 21°35'25" West, along the east margin of said County Road 130, being the west line of said 60.594 acre tract, a distance of 29.16 feet to a calculated point, for the northwest corner of the herein described proposed electric easement, from which a wood fence post found at an angle point in the west line of a called 60.594 acre tract (Tract 2) to Williamson County, described in Volume 862, Page 732, Deed Records, Williamson County, Texas, same being on the east margin of said County Road 130 bears North 21°35'25" West, a distance of 2,103.78 feet;

THENCE, leaving the east margin of said County Road 130, over and across said 60.594 acre tract (Tract 1), and said 201.54 acre tract, the following seven (7) courses and distances:

1) South 80°37'26" East, a distance of 1,130.69 feet to a calculated point;

2) South 69°53'55" East, a distance of 352.13 feet to a calculated point;

3) South 41°49'03" East, a distance of 92.72 feet to a calculated point;

4) North 68°32'58" East, a distance of 439.85 feet to a calculated point;

5) North 69°32'15" East, a distance of 826.91 feet to a calculated point;

6) North 68°24'38" East, a distance of 673.11 feet to a calculated point, for the northeast corner of the herein described proposed electric easement;

EXHIBIT "A"

7) South 21°35'22" East, a distance of 25.00 feet to a calculated point in the north line of a called (Net) 163.89 acre tract of land to Richard H. Kruger and wife, Frances M. Kruger, described in Volume 491, Page 547, Deed Records, Williamson County, Texas, same being the south line of said 201.54 acre tract, for the southeast corner of the herein described proposed electric easement, from which a 1-inch iron pipe found at the northwest corner of a called 15.382 acre tract of land to M. Reyna Trucking LLC, described in Document No. 2019104976, Official Public Records, Williamson County, Texas, being the northeast corner of said (Net) 163.89 acre tract, same being in the south line of said 201.54 acre tract bears North 68°24'38" East, a distance of 763.26 feet;

THENCE, South 68°24'38" West, along the north line of said (Net) 163.89 acre tract, same being the south line of said 201.54 acre tract, a distance of 673.36 feet to a 1-inch iron pipe found at the northeast corner of a called 15.05 acre tract of land to Frances M. Kruger, Rickey D. Kruger, Brenda K. Sladek and Timothy R. Kruger, described in Document No. 2016117671, Official Public Records, Williamson County, Texas, being the northwest corner of said (Net) 163.89 acre tract, same being in the south line of said 201.54 acre tract;

THENCE, South 69°32'15" West, along the north line of said 15.05 acre tract, same being the south line of said 201.54 acre tract, a distance of 826.67 feet to a 1/2-inch iron rod found at the northwest corner of said 15.05 acre tract, being the southwest corner of said 201.54 acre tract, same being the southeast corner of said 60.594 acre tract (Tract 1), and also being the northeast corner of said 120.161 acre tract;

THENCE, South 68°32'58" West, along the north line of said 120.161 acre tract, same being the south line of said 60.594 acre tract (Tract 1), a distance of 457.29 feet to the **POINT OF BEGINNING** of the herein described proposed electric easement containing 2.018 acres (87,926 Sq. Ft.) of land, more or less.

NOTES:

1) FOR ADDITIONAL INFORMATION, SEE ATTACHED PLAT (EXHIBIT "A") MADE IN CONJUNCTION WITH AND CONSIDERED AN INTEGRAL PART OF THE ABOVE DESCRIBED METES AND BOUNDS.
2) BEARINGS SHOWN HEREON ARE GRID BEARINGS OF THE TEXAS STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE (4203), NAD83, US SURVEY FEET. DISTANCES SHOWN HEREON ARE GRID.
3) THIS DESCRIPTION AND THE ATTACHED EASEMENT PLAT (EXHIBIT "A") WERE PREPARED FOR THE PURPOSES OF CREATING AN EASEMENT AND ARE NOT INTENDED FOR USE AS A BOUNDARY SURVEY.
4) RECORD INFORMATION SHOWN HEREON IS BASED UPON A PUBLIC RECORDS SEARCH PERFORMED BY SURVEY AND MAPPING, LLC. OWNER NAME SHOWN AS PROVIDED. RECORD VOLUME AND PAGE NOTED PER VESTING DOCUMENT PROVIDED.
5) DATE OF SURVEY: 11/17/2020

**PRELIMINARY,
THIS DOCUMENT SHALL NOT BE RECORDED FOR ANY PURPOSE AND SHALL NOT BE USED OR VIEWED OR RELIED UPON AS A FINAL BOUNDARY DOCUMENT.**

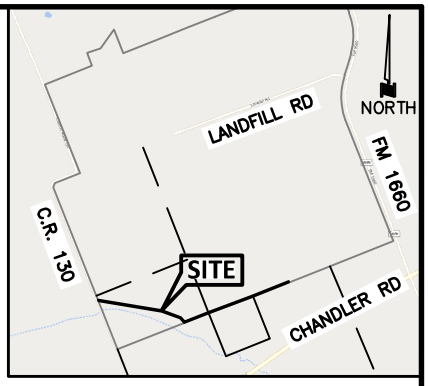
_____

MARK A. MERCADO
TEXAS REGISTERED PROFESSIONAL
LAND SURVEYOR NUMBER 6350
SURVEYING AND MAPPING, LLC.
TEXAS FIRM REGISTRATION NO. 10064300

DATE: January 21, 2021

EXHIBIT "A"

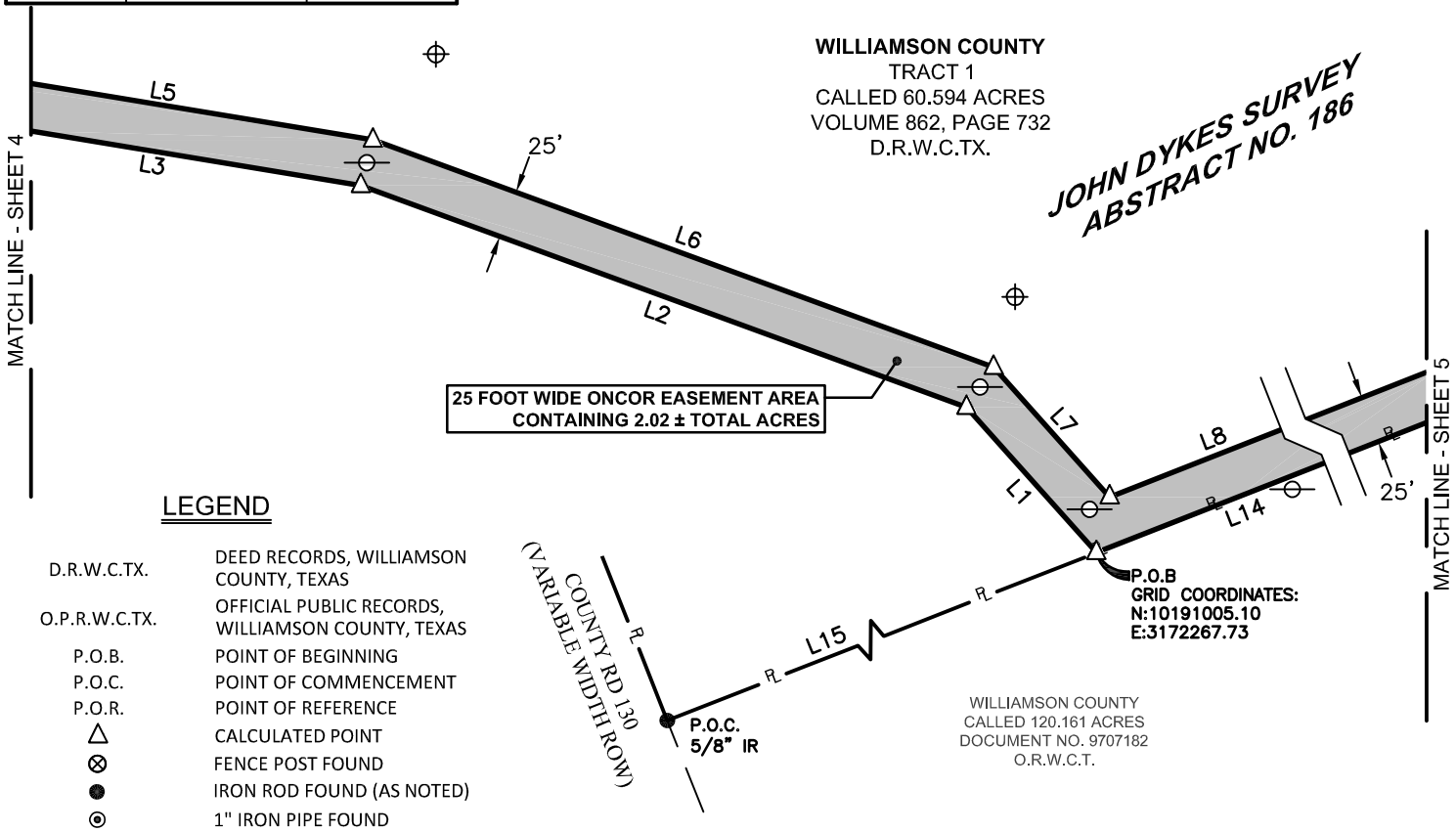
LINE TABLE		
NUMBER	BEARING	DISTANCE
L1	N41°49'03"W	103.85'
L2	N69°53'55"W	343.53'
L3	N80°37'26"W	1,113.34'
L5	S80°37'26"E	1,130.69'
L6	S69°53'55"E	352.13'
L7	S41°49'03"E	92.72'
L8	N68°32'58"E	439.85'
L14	S68°32'58"W	457.29'
L15	N68°32'58"E	1,247.09'



VICINITY MAP
NOT TO SCALE

0 100' 200'

GRAPHIC SCALE
1" = 100'



LEGEND

D.R.W.C.TX.	DEED RECORDS, WILLIAMSON COUNTY, TEXAS
O.P.R.W.C.TX.	OFFICIAL PUBLIC RECORDS, WILLIAMSON COUNTY, TEXAS
P.O.B.	POINT OF BEGINNING
P.O.C.	POINT OF COMMENCEMENT
P.O.R.	POINT OF REFERENCE
△	CALCULATED POINT
⊗	FENCE POST FOUND
●	IRON ROD FOUND (AS NOTED)
⊙	1" IRON PIPE FOUND
⊸	EXISTING POWER POLE (WOOD)
⊕	EXISTING HALF POLE WITH METER
▭	EASEMENT AREA
PL	PARCEL LIMITS
— — —	ADJOINER PROPERTY

NOTES:

1. ALL BEARINGS SHOWN HEREON ARE GRID BEARINGS AND ARE BASED UPON THE TEXAS COORDINATE SYSTEM OF 1983, CENTRAL ZONE (4203), U.S. SURVEY FEET. ALL DISTANCES ARE REPRESENTED AS GRID VALUES, MEASURED IN U.S. SURVEY FEET, AND ARE BASED UPON SAID HORIZONTAL DATUM.
2. RECORD INFORMATION SHOWN HEREON IS BASED UPON A PUBLIC RECORDS SEARCH PERFORMED BY SURVEYING AND MAPPING, LLC.
3. FOR ADDITIONAL INFORMATION, SEE ATTACHED LEGAL DESCRIPTION MADE IN CONJUNCTION WITH AND CONSIDERED AN INTEGRAL PART OF THIS PLAT.
4. THIS EXHIBIT WAS PREPARED FOR THE PURPOSES OF CREATING AN EASEMENT AND IS NOT INTENDED FOR USE AS A BOUNDARY SURVEY.

PRELIMINARY, THIS DOCUMENT SHALL NOT BE RECORDED FOR ANY PURPOSE AND SHALL NOT BE USED OR VIEWED OR RELIED UPON AS A FINAL BOUNDARY DOCUMENT.

MARK A. MERCADO DATE
REGISTERED PROFESSIONAL
LAND SURVEYOR NO. 6350, STATE OF TEXAS
TEXAS FIRM NO. 10064300

SURV. PROJ. NUMBER: 1019052912

SAM™
4801 SOUTHWEST PARKWAY
BUILDING TWO, SUITE 100, AUSTIN, TEXAS
Ph: (512) 447-0575 Fax: (512) 326-3029
EMAIL: INFO@SAM.BIZ
TX FIRM NO. 10064300

ONCOR ELECTRIC DELIVERY

25 FOOT WIDE ONCOR EASEMENT ACROSS THE LANDS OF
WILLIAMSON COUNTY
CONTAINING 2.02 ± ACRES

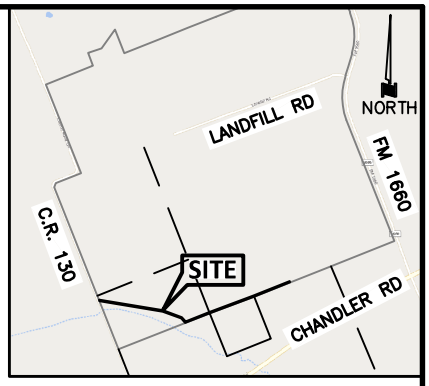
JOHN DYKES SURVEY
ABSTRACT NO. 186, WILLIAMSON COUNTY, TEXAS

SCALE: 1"=100'	DATE: 12/21/2020	DRAWN: MB	SHEET: 3 OF 5

\\SAMINC\AUS\PROJECTS\1019052912\100\SURVEY\03EXHIBITS\ONCOR_EASEMENT\52912-ONCOR-EASEMENT-EX.DWG

EXHIBIT "A"

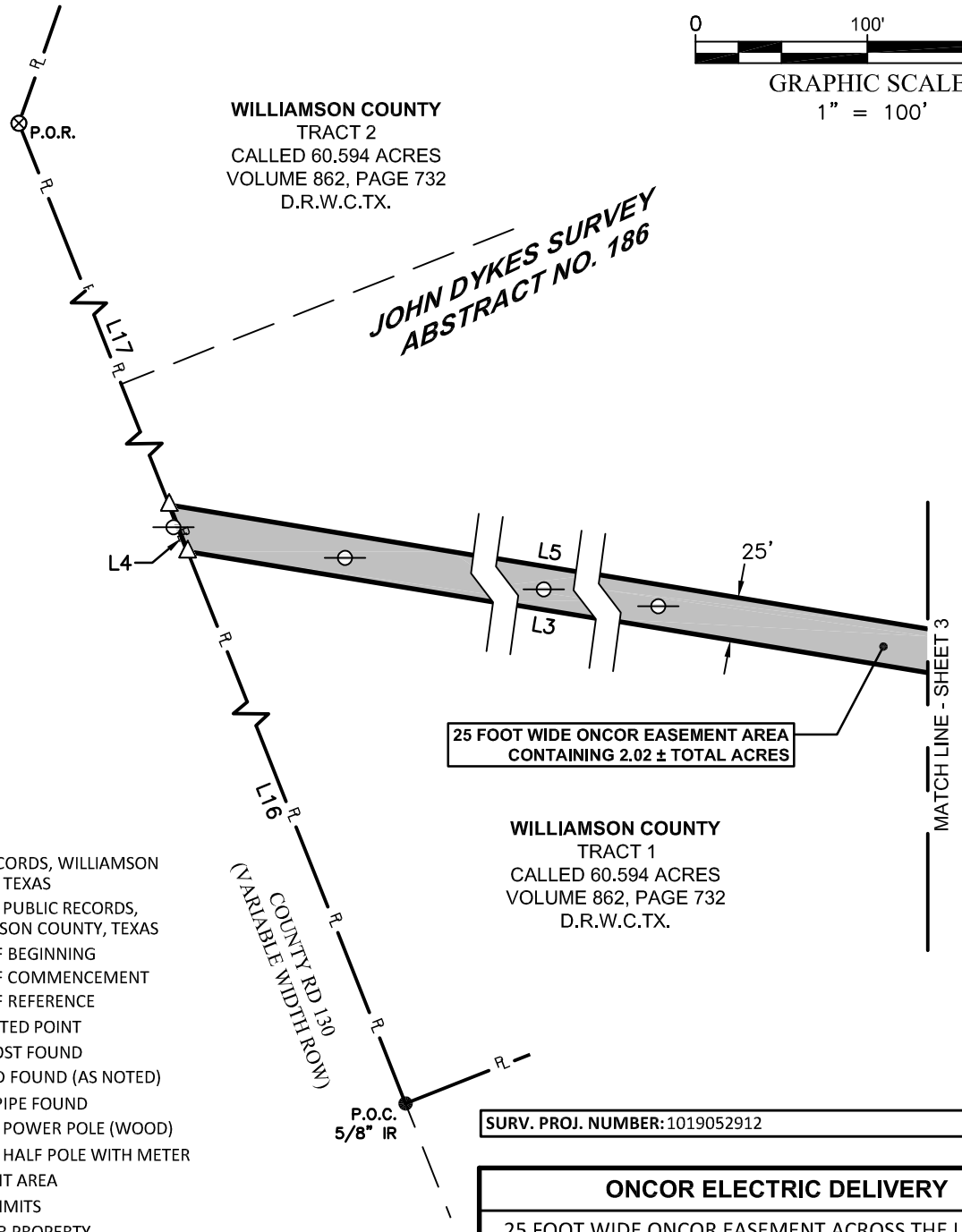
LINE TABLE		
NUMBER	BEARING	DISTANCE
L3	N80°37'26"W	1,113.34'
L4	N21°35'25"W	29.16'
L5	S80°37'26"E	1,130.69'
L16	S21°35'25"E	895.75'
L17	N21°35'25"W	2,103.78'



VICINITY MAP
NOT TO SCALE

0 100' 200'

GRAPHIC SCALE
1" = 100'



LEGEND

D.R.W.C.TX.	DEED RECORDS, WILLIAMSON COUNTY, TEXAS
O.P.R.W.C.TX.	OFFICIAL PUBLIC RECORDS, WILLIAMSON COUNTY, TEXAS
P.O.B.	POINT OF BEGINNING
P.O.C.	POINT OF COMMENCEMENT
P.O.R.	POINT OF REFERENCE
△	CALCULATED POINT
⊗	FENCE POST FOUND
●	IRON ROD FOUND (AS NOTED)
⊙	1" IRON PIPE FOUND
—○—	EXISTING POWER POLE (WOOD)
—⊕—	EXISTING HALF POLE WITH METER
▭	EASEMENT AREA
PL	PARCEL LIMITS
— — —	ADJOINER PROPERTY

SURV. PROJ. NUMBER: 1019052912

ONCOR ELECTRIC DELIVERY

25 FOOT WIDE ONCOR EASEMENT ACROSS THE LANDS OF
WILLIAMSON COUNTY
CONTAINING 2.02 ± ACRES

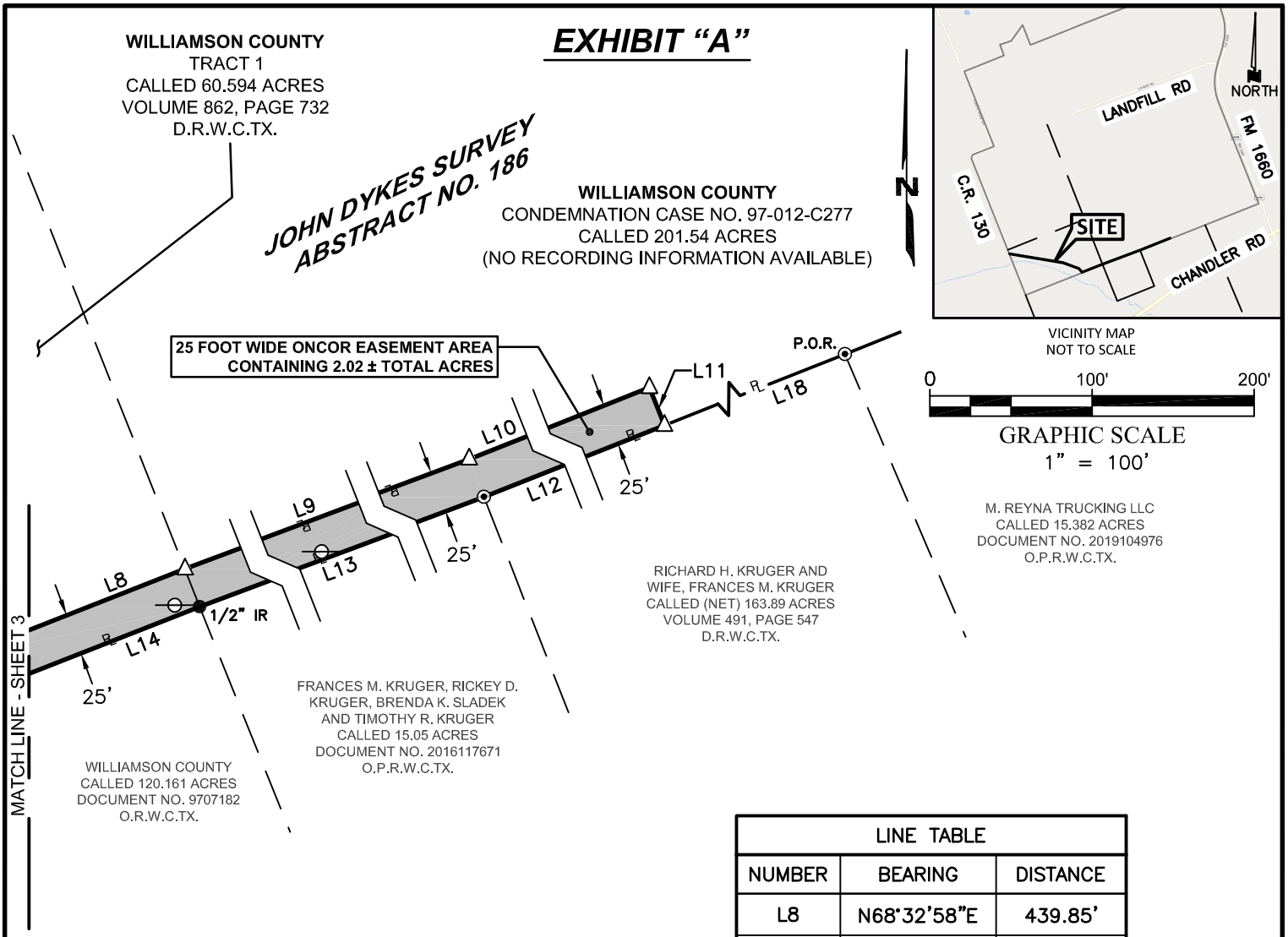
JOHN DYKES SURVEY
ABSTRACT NO. 186, WILLIAMSON COUNTY, TEXAS

SCALE: 1"=100'	DATE: 12/21/2020	DRAWN: MB	SHEET: 4 OF 5

SAM™
4801 SOUTHWEST PARKWAY
BUILDING TWO, SUITE 100, AUSTIN, TEXAS
Ph: (512) 447-0575 Fax: (512) 326-3029
EMAIL: INFO@SAM.BIZ
TX FIRM NO. 10064300

\\SAMINC\AUS\PROJECTS\1019052912\100\SURVEY\03EXHIBITS\ONCOR_EASEMENT\52912-ONCOR-EASEMENT-EX.DWG

EXHIBIT "A"



LINE TABLE		
NUMBER	BEARING	DISTANCE
L8	N68°32'58"E	439.85'
L9	N69°32'15"E	826.91'
L10	N68°24'38"E	673.11'
L11	S21°35'22"E	25.00'
L12	S68°24'38"W	673.36'
L13	S69°32'15"W	826.67'
L14	S68°32'58"W	457.29'
L18	N68°24'38"E	763.26'

LEGEND

D.R.W.C.TX.	DEED RECORDS, WILLIAMSON COUNTY, TEXAS
O.P.R.W.C.TX.	OFFICIAL PUBLIC RECORDS, WILLIAMSON COUNTY, TEXAS
P.O.B.	POINT OF BEGINNING
P.O.C.	POINT OF COMMENCEMENT
P.O.R.	POINT OF REFERENCE
△	CALCULATED POINT
⊗	FENCE POST FOUND
●	IRON ROD FOUND (AS NOTED)
⊙	1" IRON PIPE FOUND
—⊖—	EXISTING POWER POLE (WOOD)
—⊕—	EXISTING HALF POLE WITH METER
▭	EASEMENT AREA
℄	PARCEL LIMITS
— — —	ADJOINER PROPERTY

SURV. PROJ. NUMBER: 1019052912

ONCOR ELECTRIC DELIVERY

25 FOOT WIDE ONCOR EASEMENT ACROSS THE LANDS OF
WILLIAMSON COUNTY
CONTAINING 2.02 ± ACRES

JOHN DYKES SURVEY
ABSTRACT NO. 186, WILLIAMSON COUNTY, TEXAS

SCALE: 1"=100'	DATE: 12/21/2020	DRAWN: MB	SHEET: 5 OF 5

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4801 SOUTHWEST PARKWAY
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\\SAMINC\AUS\PROJECTS\1019052912\100\SURVEY\03EXHIBITS\ONCOR_EASEMENT\52912-ONCOR-EASEMENT-EX.DWG

Commissioners Court - Regular Session **18.**

Meeting Date: 03/16/2021

Preliminary plat for the Cher Acres subdivision – Pct 3

Submitted For: Terron Evertson **Submitted By:** Adam Boatright, Infrastructure

Department: Infrastructure **Division:** Road & Bridge

Agenda Category: Consent

Information

Agenda Item

Discuss, consider and take appropriate action on approval of the preliminary plat for the Cher Acres subdivision – Precinct 3.

Background

This proposed subdivision consists of 1 commercial lot and no new public roads.

Timeline

2021-01-13 – initial submittal of the preliminary plat
2021-02-21 – 1st review complete with comments
2021-03-01 – 2nd submittal of preliminary plat
2021-03-10 – 2nd review complete with minor comments
2021-03-10 – 3rd submittal of preliminary plat
2021-03-10 – 3rd review complete with comments cleared
2021-03-11 – preliminary plat placed on the March 16, 2021 Commissioners Court agenda for consideration

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

Preliminary Plat - Cher Acres

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Andrea Schiele	03/11/2021 11:09 AM
Form Started By: Adam Boatright		Started On: 03/10/2021 11:26 PM
Final Approval Date: 03/11/2021		

CHER ACRES PRELIMINARY PLAT

LEGAL DESCRIPTION: 6.790 ACRES OF LAND SITUATED IN WILLIAMSON COUNTY, TEXAS, OUT OF THE A.A. LEWIS SURVEY, ABSTRACT NO. 384, BEING A PORTION OF THAT CERTAIN 35.387 ACRE TRACT OF LAND DESCRIBED IN A DEED OF RECORD TO FRED ALLAN GOTTSCHALK UNDER DOCUMENT NO. 9534184, OFFICIAL RECORDS OF WILLIAMSON COUNTY, TEXAS

SUBMITTAL DATE:JANUARY 13, 2021



SITE LOCATION MAP
NOT TO SCALE

0 60 120
SCALE : 1" = 60'

OWNER/SUBDIVIDER: CHERCO INVESTMENTS, LLC
BLAKE HENDERSON
15609 RANCH RD 620
AUSTIN, TEXAS 78717
blakehenderson98@gmail.com
PHONE" 512-567-5321

ENGINEER: 2P CONSULTANTS, LLC
203 E. MAIN STREET, STE. 204
ROUND ROCK, TX 78664
DAVID URBAN
EMAIL: DURBAN@2PCONSULTANTS.COM
PHONE: 512-344-9664

SURVEYOR: G & R SURVEYING, LLC
1805 OUIDA DR.
AUSTIN, TX 78728
PHILLIP L. MCLAUGHLIN
EMAIL: PMCLAUGHLIN@GRSURVEYING.COM
PHONE: 512-267-7430

LEGAL DESCRIPTION: 6.790 ACRES OF LAND SITUATED IN WILLIAMSON COUNTY, TEXAS, OUT OF THE A.A. LEWIS SURVEY, ABSTRACT NO. 384, BEING A PORTION OF THAT CERTAIN 35.387 ACRE TRACT OF LAND DESCRIBED IN A DEED OF RECORD TO FRED ALLAN GOTTSCHALK UNDER DOCUMENT NO. 9534184, OFFICIAL RECORDS OF WILLIAMSON COUNTY, TEXAS

BENCHMARKS: CHISLED SQUARE SET IN CONCRETE
N: 10,256,967.6650'
E: 3,156,818.5560'
ELEV: 807.87'

TOTAL NUMBER OF BLOCKS: 1

TOTAL NUMBER OF LOTS: 1
LOT 1 (6.79 ACRES)
ROW Dedication (0.00 ACRES, 204 SF)

TOTAL ACREAGE: 6.790

SITE ADDRESS: 2436 COUNTY RD 311, JARRELL, TX 76537

WATER SERVICE PROVIDER; JARREL SCHWERTNER WATER SUPPLY CORPORATION

LEGEND

EXISTING SYMBOLS

- 1/2" IRON ROD WITH CAP FOUND AS LABELED
- 1/2" REBAR FOUND (OR AS NOTED)
- "X" ON CONCRETE FOUND
- WATER METER
- WATER VALVE
- WATER MANHOLE
- FIRE HYDRANT
- SPRINKLER CONTROL VALVE
- UTILITY POLE
- GUY WIRE
- ELEC. MANHOLE
- LIGHT POLE
- ELEC. UTILITY JUNCTION BOX
- UNDERGROUND TELEPHONE MARKER
- TELEPHONE MANHOLE
- TELEPHONE BOX
- WASTEWATER MANHOLE
- STORM SEWER MANHOLE
- SIGN
- BENCHMARK LOCATION
- EDGE OF ASPHALT
- CURB INLET I.D.
- CLEAN OUT
- FIBER OPTIC CABLE
- PULL BOX
- (17) KEYNOTES
- (6) PARKING COUNT

TREES

- TREE TO BE SAVED (1811)
- TREE TO BE REMOVED (1811)

1. IT IS THE RESPONSIBILITY OF THE OWNER, NOT THE COUNTY, TO ASSURE COMPLIANCE WITH THE PROVISIONS OF ALL APPLICABLE STATE, FEDERAL, AND LOCAL LAWS AND REGULATIONS RELATING TO THE PLATTING AND DEVELOPMENT OF THIS PROPERTY.

   THE COUNTY ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF REPRESENTATIONS BY OTHER PARTIES IN THIS PLAT. FLOODPLAIN DATA, IN PARTICULAR, MAY CHANGE. IT IS FURTHER UNDERSTOOD THAT THE OWNERS OF THE TRACT OF LAND COVERED BY THIS PLAT MUST INSTALL AT THEIR OWN EXPENSE ALL TRAFFIC CONTROL DEVICES AND SIGNAGE THAT MAY BE REQUIRED BEFORE THE ROADS IN THE SUBDIVISION HAVE FINALLY BEEN ACCEPTED FOR MAINTENANCE BY THE COUNTY.

2. RURAL MAILBOXES SHALL BE SET THREE FEET FROM THE EDGE OF THE PAVEMENT OR BEHIND CURBS, WHEN USED. ALL MAILBOXES WITHIN COUNTY ARTERIAL RIGHT-OF-WAY SHALL MEET THE CURRENT TXDOT STANDARDS. ANY MAILBOX THAT DOES NOT MEET THIS REQUIREMENT MAY BE REMOVED BY WILLIAMSON COUNTY.

3. NO STRUCTURE OR LAND WITHIN THIS PLAT SHALL HEREAFTER BE LOCATED OR ALTERED WITHOUT FIRST OBTAINING A DEVELOPMENT PERMIT FROM THE WILLIAMSON COUNTY FLOODPLAIN ADMINISTRATOR.

   THE MINIMUM LOWEST FINISHED FLOOR ELEVATION SHALL BE ONE FOOT HIGHER THAN THE HIGHEST SPOT ELEVATION THAT IS LOCATED WITHIN FIVE FEET OUTSIDE THE PERIMETER OF THE BUILDING, OR ONE FOOT ABOVE THE BFE, WHICHEVER IS HIGHER.

4. LOT 1 MAY NOT BE FURTHER SUBDIVIDED

5. THIS DEVELOPMENT IS CONSIDERED EXEMPT FROM ON-SITE STORMWATER DETENTION CONTROLS BASED ON WILLIAMSON COUNTY SUBDIVISION REGULATION B11.1.1.

6. NO CONSTRUCTION IN THE SUBDIVISION MAY BEGIN UNTIL THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY (TCEQ) HAS APPROVED THE WATER POLLUTION ABATEMENT PLAN (WPAP) IN WRITING.

7. ON SITE SEWAGE FACILITIES MUST BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER OR REGISTERED SANITARIAN.

8. WATER SERVICE FOR THIS SUBDIVISION WILL BE PROVIDED BY JARRELL-SCHWERTNER WSC. SEWER SERVICE FOR THIS SUBDIVISION WILL BE PROVIDED BY ON-SITE SEWAGE FACILITIES (OSSF).

THAT I, PHILLIP L. MCLAUGHLIN, DO HEREBY CERTIFY THAT I PREPARED THIS PLAN FROM AN ACTUAL AND ACCURATE ON-THE-GROUND SURVEY OF THE LAND, AND THAT THE CORNER MONUMENTS SHOWN THEREON MARKING THE BOUNDARY OF THE PROPOSED SUBDIVISION, BUT NOT INTERIOR LOT LINES, WERE PROPERLY PLACED UNDER MY PERSONAL SUPERVISION, IN ACCORDANCE WITH ALL CITY OF PFLUGERVILLE, TEXAS CODES AND ORDINANCES AND THAT ALL KNOWN EASEMENTS WITHIN THE BOUNDARY OF THE PLAT ARE SHOWN HEREON.

PHILLIP L. MCLAUGHLIN, R.P.L.S.
REGISTERED PROFESSIONAL LAND SURVEYOR NO. 6500
G & R SURVEYING, LLC
FIRM REGISTRATION NO. 10032000

STATE OF TEXAS · REGISTERED · PHILLIP L. MCLAUGHLIN 3 · 6500 · PROFESSIONAL · LAND SURVEYOR

03/10/2021

THIS PROPERTY LIES WITHIN ZONE X, "AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN" AS IDENTIFIED ON FEMA MAP PANEL NO. 48491 CO 150E, EFFECTIVE DECEMBER 20, 2019.

DAVID URBAN, P.E.
REGISTERED PROFESSIONAL ENGINEER NO. 82783
2P CONSULTANTS

STATE OF TEXAS · DAVID URBAN · 82783 · LICENSED · PROFESSIONAL ENGINEER

3/10/2021

NO.	DATE	REVISIONS	RECOMD

2P CONSULTANTS
203 E. MAIN STREET, SUITE 204
ROUND ROCK, TEXAS 78664
512-344-9664
TBPE FIRM #F-19351

DESIGNED: XXXXX DRAWN: XXXXX REVIEWED:VALUE

IMAGES: * CHA-SURVEY.dwg
XREFS: * x-base-dwg1.dwg, x-base-dwg2.dwg, x-base-dwg3.dwg, x-base-dwg4.dwg, x-base-dwg5.dwg, x-base-dwg6.dwg, x-base-dwg7.dwg, x-base-dwg8.dwg, x-base-dwg9.dwg, x-base-dwg10.dwg, x-base-dwg11.dwg, x-base-dwg12.dwg, x-base-dwg13.dwg, x-base-dwg14.dwg, x-base-dwg15.dwg, x-base-dwg16.dwg, x-base-dwg17.dwg, x-base-dwg18.dwg, x-base-dwg19.dwg, x-base-dwg20.dwg, x-base-dwg21.dwg, x-base-dwg22.dwg, x-base-dwg23.dwg, x-base-dwg24.dwg, x-base-dwg25.dwg, x-base-dwg26.dwg, x-base-dwg27.dwg, x-base-dwg28.dwg, x-base-dwg29.dwg, x-base-dwg30.dwg, x-base-dwg31.dwg, x-base-dwg32.dwg, x-base-dwg33.dwg, x-base-dwg34.dwg, x-base-dwg35.dwg, x-base-dwg36.dwg, x-base-dwg37.dwg, x-base-dwg38.dwg, x-base-dwg39.dwg, x-base-dwg40.dwg,

Commissioners Court - Regular Session **19.**

Meeting Date: 03/16/2021

Revised preliminary plat for the Cool Water subdivision – Pct 3

Submitted For: Terron Evertson **Submitted By:** Adam Boatright, Infrastructure

Department: Infrastructure **Division:** Road & Bridge

Agenda Category: Consent

Information

Agenda Item

Discuss, consider and take appropriate action on approval of the revised preliminary plat for the Cool Water subdivision – Precinct 3.

Background

This is a revision to the preliminary plat of the Cool Water subdivision that was previously approved on September 10, 2019. Since the last approval, the developer has requested changes to the roadway and lot layout within the development. This revision consists of the addition of 496 linear feet of a new public road, an increase in 11 single-family lots and a decrease of 2.14 acres in the area of drainage/open spaces. With this revision, the proposed Cool Water subdivision consists of 1,557 single family lots, 5 drainage/open space lots, 1 open space lot, 5 right-of-way reserves, 16 landscape lots and 46,833 linear feet of new public roads.

Timeline

2021-02-03 – Initial submittal of the revised preliminary plat
2021-03-02 – 1st review complete with comments
2021-03-05 – 2nd submittal of preliminary plat
2021-03-10 – 2nd review complete with comments cleared
2021-03-11 – revised preliminary plat placed on the March 16, 2021 Commissioners Court agenda for consideration

Fiscal Impact

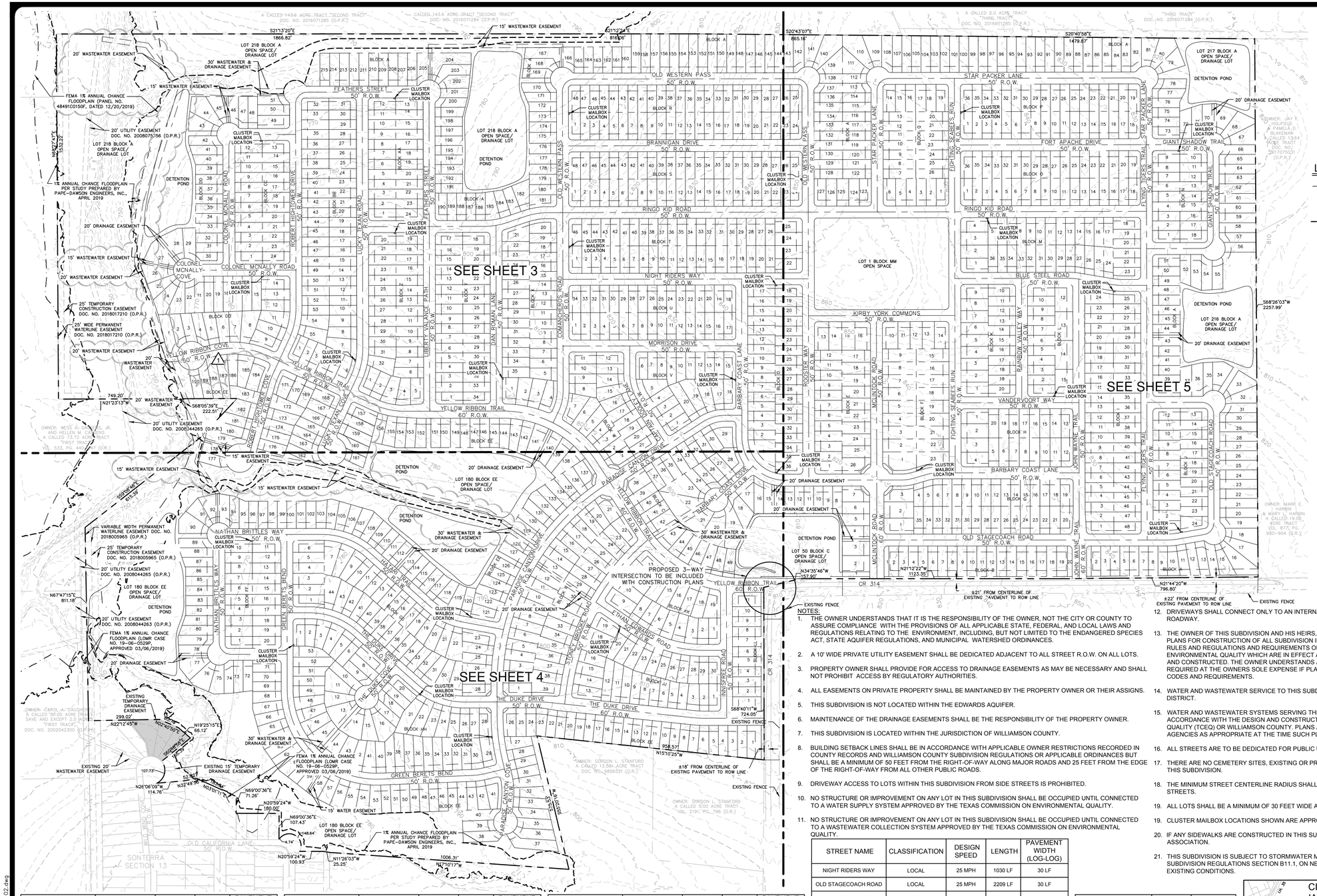
From/To	Acct No.	Description	Amount

Attachments

Preliminary Plat - Cool Water

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Andrea Schiele	03/11/2021 09:45 AM
Form Started By: Adam Boatright		Started On: 03/10/2021 11:39 PM
Final Approval Date: 03/11/2021		



LEGEND

- FEMA FLOODPLAIN ZONE "A" DEFINED AS: AREAS SUBJECT TO THE 1% ANNUAL CHANCE FLOOD EVENT (PANEL NO. 48491C0150F, DATED 12/20/2019 & LOMR CASE NO. 19-06-0529P, APPROVED 03/06/2019)
- 1% ANNUAL CHANCE FLOODPLAIN (DEVELOPED CONDITIONS) PER STUDY PREPARED BY PAPE-DAWSON ENGINEERS, INC., APRIL 2019

LEGAL DESCRIPTION:

316.87 ACRES OUT OF THE
G. SCHNEIDER SURVEY, ABSTRACT #580,
THE WILLIAM BRYAN SURVEY, SECTION #13,
ABSTRACT #108, AND THE WILLIAM ADAMS
SURVEY, SECTION #18, ABSTRACT #34
WILLIAMSON COUNTY, TEXAS

OWNER / SUBDIVIDER:

RVEST LP/ COOL WATER PARTNERS, LP
3939 BEE CAVE RD.
BUILDING C-100
AUSTIN, TEXAS 78746
PHONE: (512) 368-4000
EMAIL: ATBILGER@ICLOUD.COM

ENGINEER:

PAPE-DAWSON ENGINEERS, INC.
10801 N. MOPAC EXPY
BUILDING 3, SUITE 200
AUSTIN, TEXAS 78759
PHONE: (512) 454-8711
FAX: (512) 459-8867
EMAIL: MFISHER@PAPE-DAWSON.COM

SURVEYOR:

PAPE-DAWSON ENGINEERS, INC.
10801 N. MOPAC EXPY
BUILDING 3, SUITE 200
AUSTIN, TEXAS 78759
PHONE (512) 454-8711

NOTES:

1. THE OWNER UNDERSTANDS THAT IT IS THE RESPONSIBILITY OF THE OWNER, NOT THE CITY OR COUNTY TO ASSURE COMPLIANCE WITH THE PROVISIONS OF ALL APPLICABLE STATE, FEDERAL, AND LOCAL LAWS AND REGULATIONS RELATING TO THE ENVIRONMENT, INCLUDING, BUT NOT LIMITED TO THE ENDANGERED SPECIES ACT, STATE AQUIFER REGULATIONS, AND MUNICIPAL WATERSHED ORDINANCES.
2. A 10' WIDE PRIVATE UTILITY EASEMENT SHALL BE DEDICATED ADJACENT TO ALL STREET R.O.W. ON ALL LOTS.
3. PROPERTY OWNER SHALL PROVIDE FOR ACCESS TO DRAINAGE EASEMENTS AS MAY BE NECESSARY AND SHALL NOT PROHIBIT ACCESS BY REGULATORY AUTHORITIES.
4. ALL EASEMENTS ON PRIVATE PROPERTY SHALL BE MAINTAINED BY THE PROPERTY OWNER OR THEIR ASSIGNS.
5. THIS SUBDIVISION IS NOT LOCATED WITHIN THE EDWARDS AQUIFER.
6. MAINTENANCE OF THE DRAINAGE EASEMENTS SHALL BE THE RESPONSIBILITY OF THE PROPERTY OWNER.
7. THIS SUBDIVISION IS LOCATED WITHIN THE JURISDICTION OF WILLIAMSON COUNTY.
8. BUILDING SETBACK LINES SHALL BE IN ACCORDANCE WITH APPLICABLE OWNER RESTRICTIONS RECORDED IN COUNTY RECORDS AND WILLIAMSON COUNTY SUBDIVISION REGULATIONS OR APPLICABLE ORDINANCES BUT SHALL BE A MINIMUM OF 50 FEET FROM THE RIGHT-OF-WAY ALONG MAJOR ROADS AND 25 FEET FROM THE EDGE OF THE RIGHT-OF-WAY FROM ALL OTHER PUBLIC ROADS.
9. DRIVEWAY ACCESS TO LOTS WITHIN THIS SUBDIVISION FROM SIDE STREETS IS PROHIBITED.
10. NO STRUCTURE OR IMPROVEMENT ON ANY LOT IN THIS SUBDIVISION SHALL BE OCCUPIED UNTIL CONNECTED TO A WATER SUPPLY SYSTEM APPROVED BY THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY.
11. NO STRUCTURE OR IMPROVEMENT ON ANY LOT IN THIS SUBDIVISION SHALL BE OCCUPIED UNTIL CONNECTED TO A WASTEWATER COLLECTION SYSTEM APPROVED BY THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY.
12. DRIVEWAYS SHALL CONNECT ONLY TO AN INTERNAL PLATTED ROAD AND NOT TO CR 314 OR FUTURE ARTERIAL ROADWAY.
13. THE OWNER OF THIS SUBDIVISION AND HIS HEIRS, SUCCESSORS AND ASSIGNS ASSUMES THE RESPONSIBILITY FOR PLANS FOR CONSTRUCTION OF ALL SUBDIVISION IMPROVEMENTS WHICH SHALL COMPLY WITH APPLICABLE CODES, RULES AND REGULATIONS AND REQUIREMENTS OF WILLIAMSON COUNTY, TEXAS AND THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WHICH ARE IN EFFECT AND APPLICABLE AT THE TIME THE IMPROVEMENTS ARE DESIGNED AND CONSTRUCTED. THE OWNER UNDERSTANDS AND AGREES THAT PLAT VACATION AND REPLATTING MAY BE REQUIRED AT THE OWNERS SOLE EXPENSE IF PLANS TO CONSTRUCT THIS SUBDIVISION DO NOT COMPLY WITH SUCH CODES AND REQUIREMENTS.
14. WATER AND WASTEWATER SERVICE TO THIS SUBDIVISION WILL BE PROVIDED BY THE SONTERRA MUNICIPAL UTILITY DISTRICT.
15. WATER AND WASTEWATER SYSTEMS SERVING THIS SUBDIVISION SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH THE DESIGN AND CONSTRUCTION STANDARDS OF THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY (TCEQ) OR WILLIAMSON COUNTY. PLANS AND SPECIFICATIONS SHALL BE SUBMITTED TO TCEQ AND OTHER AGENCIES AS APPROPRIATE AT THE TIME SUCH PLANS ARE PREPARED.
16. ALL STREETS ARE TO BE DEDICATED FOR PUBLIC USE.
17. THERE ARE NO CEMETERY SITES, EXISTING OR PROPOSED SCHOOL SITES OR OTHER PUBLIC SITES PROPOSED WITHIN THIS SUBDIVISION.
18. THE MINIMUM STREET CENTERLINE RADIUS SHALL BE 180 FEET FOR LOCAL STREETS AND 450 FEET FOR COLLECTOR STREETS.
19. ALL LOTS SHALL BE A MINIMUM OF 30 FEET WIDE AS MEASURED 25 FEET FROM THE FRONT PROPERTY LINE.
19. CLUSTER MAILBOX LOCATIONS SHOWN ARE APPROXIMATE AND ARE SUBJECT TO CHANGE.
20. IF ANY SIDEWALKS ARE CONSTRUCTED IN THIS SUBDIVISION, THEY WILL BE MAINTAINED BY THE HOMEOWNER'S ASSOCIATION.
21. THIS SUBDIVISION IS SUBJECT TO STORMWATER MANAGEMENT CONTROLS AS REQUIRED BY WILLIAMSON COUNTY SUBDIVISION REGULATIONS SECTION B11.1, ON NEW DEVELOPMENT THAT WOULD EVOKE SUCH CONTROLS BEYOND EXISTING CONDITIONS.

STREET NAME	CLASSIFICATION	DESIGN SPEED	LENGTH	PAVEMENT WIDTH (LOG-LOG)
YELLOW RIBBON TRAIL	MAJOR COLLECTOR	35 MPH	835 LF	45 LF
THE DUKE DRIVE	COLLECTOR	35 MPH	840 LF	37 LF
JOHN WAYNE TRAIL	COLLECTOR	35 MPH	161 LF	37 LF
MCLINTOCK ROAD	COLLECTOR	35 MPH	414 LF	37 LF
YELLOW RIBBON TRAIL	COLLECTOR	35 MPH	875 LF	37 LF
BARBARY COAST LANE	LOCAL	25 MPH	2186 LF	30 LF
BARBARY COAST COVE	LOCAL	25 MPH	210 LF	30 LF
BLUE STEEL ROAD	LOCAL	25 MPH	807 LF	30 LF
BRANNIGAN DRIVE	LOCAL	25 MPH	1030 LF	30 LF
CAPTAIN DOOLEY LANE	LOCAL	25 MPH	459 LF	30 LF
COLONEL MCNALLY COVE	LOCAL	25 MPH	184 LF	30 LF

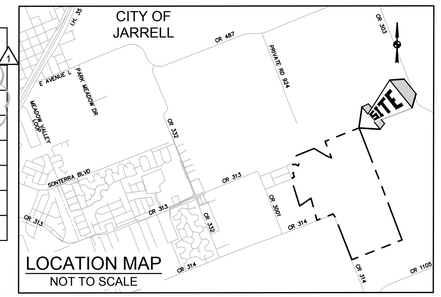
STREET NAME	CLASSIFICATION	DESIGN SPEED	LENGTH	PAVEMENT WIDTH (LOG-LOG)
COLONEL MCNALLY ROAD	LOCAL	25 MPH	1108 LF	30 LF
COMANCHEROS ROAD	LOCAL	25 MPH	890 LF	30 LF
DAN ROMAN LANE	LOCAL	25 MPH	779 LF	30 LF
THE DUKE COVE	LOCAL	25 MPH	190 LF	30 LF
THE DUKE DRIVE	LOCAL	25 MPH	1287 LF	30 LF
ETHAN EDWARDS ROAD	LOCAL	25 MPH	601 LF	30 LF
FEATHERS STREET	LOCAL	25 MPH	1260 LF	30 LF
FIGHTING SEABEES RUN	LOCAL	25 MPH	1656 LF	30 LF
FLYING TIGERS TRAIL	LOCAL	25 MPH	1659 LF	30 LF
FORT APACHE DRIVE	LOCAL	25 MPH	805 LF	30 LF
GIANT SHADOW TRAIL	LOCAL	25 MPH	453 LF	30 LF

STREET NAME	CLASSIFICATION	DESIGN SPEED	LENGTH	PAVEMENT WIDTH (LOG-LOG)
GREEN BERETS BEND	LOCAL	25 MPH	1781 LF	30 LF
HATARI TRAIL	LOCAL	25 MPH	1033 LF	30 LF
INNISFREE ROAD	LOCAL	25 MPH	561 LF	30 LF
JOHN WAYNE TRAIL	LOCAL	25 MPH	1096 LF	30 LF
KIRBY YORK COMMONS	LOCAL	25 MPH	614 LF	30 LF
LIBERTY VALANCE PATH	LOCAL	25 MPH	775 LF	30 LF
LUCKY TEXAN COVE	LOCAL	25 MPH	286 LF	30 LF
LUCKY TEXAN ROAD	LOCAL	25 MPH	1275 LF	30 LF
MCLINTOCK ROAD	LOCAL	25 MPH	690 LF	37 LF
MORRISON DRIVE	LOCAL	25 MPH	750 LF	30 LF
NATHAN BRITTLES WAY	LOCAL	25 MPH	1030 LF	30 LF

STREET NAME	CLASSIFICATION	DESIGN SPEED	LENGTH	PAVEMENT WIDTH (LOG-LOG)
NIGHT RIDERS WAY	LOCAL	25 MPH	1030 LF	30 LF
OLD STAGECOACH ROAD	LOCAL	25 MPH	2209 LF	30 LF
OLD WESTERN PASS	LOCAL	25 MPH	2108 LF	30 LF
PARADISE CANYON COVE	LOCAL	25 MPH	225 LF	30 LF
PARADISE CANYON DRIVE	LOCAL	25 MPH	2005 LF	30 LF
RAINBOW VALLEY WAY	LOCAL	25 MPH	522 LF	30 LF
RINGO KID ROAD	LOCAL	25 MPH	3297 LF	30 LF
ROBERT HIGHTOWER DRIVE	LOCAL	25 MPH	964 LF	30 LF
ROBERT HIGHTOWER COVE	LOCAL	25 MPH	472 LF	30 LF
ROOSTER WAY	LOCAL	25 MPH	1129 LF	30 LF
STAR PACKER LANE	LOCAL	25 MPH	1927 LF	30 LF
STONEY BROOK ROAD	LOCAL	25 MPH	793 LF	30 LF
VANDERVOORT WAY	LOCAL	25 MPH	520 LF	30 LF
YELLOW RIBBON COVE	LOCAL	25 MPH	379 LF	30 LF
YELLOW RIBBON TRAIL	LOCAL	25 MPH	677 LF	30 LF

LAND USE SUMMARY	LOTS	ACRES
SINGLE FAMILY LOTS	1557 LOTS	192.59 AC
RIGHT-OF-WAY	-	56.32 AC
DRAINAGE/OPEN SPACE	5 LOTS	62.06 AC
OPEN SPACE	1 LOT	4.98 AC
LANDSCAPE	16 LOTS	0.41AC
ROW RESERVE	5 LOTS	0.51 AC
TOTAL	-	316.87 AC

NOTE: ALL STREETS ARE CLASSIFIED AS PUBLIC AND URBAN.



NO.	REVISION	DATE
1	ADDED ROBERT HIGHTOWER COVE, UPDATED WW ESMT	01/06/21

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PAPE-DAWSON ENGINEERS

AUSTIN | SAN ANTONIO | HOUSTON | FORT WORTH | DALLAS
10801 N MOPAC EXPY, BLDG 3, STE 200 | AUSTIN, TX 78759 | 512-454-8711
TBPE FIRM REGISTRATION #470 | TBPLS FIRM REGISTRATION #10028801

COOL WATER
WILLIAMSON COUNTY, TEXAS

PRELIMINARY PLAT OVERALL
SHEET 1 OF 4

CITY NO. _____
JOB NO. 51006-02
DATE APR 2019
DESIGNER EV,SW
CHECKED JF DRAWN EV,SW
SHEET 1 OF 4

Date: Mar 05, 2021, 3:04pm User ID: SWilson
File: H:\Projects\510\06\02\212 Preliminary\Civil\PP51006-02.dwg

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NO.	REVISION	DATE
1	ADDED ROBERT HIGHTOWER COVE, UPDATED WW ESMT	01/26/21

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PAPE-DAWSON ENGINEERS

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TBPE FIRM REGISTRATION #470 | TBPLS FIRM REGISTRATION #10028801

COOL WATER

WILLIAMSON COUNTY, TEXAS

PRELIMINARY PLAT

SHEET 2 OF 4

OWNER: LOUIS STRAKA, JR. & LOUISE STRAKA (67%)
A CALLED 143.6 ACRE TRACT "SECOND TRACT"
DOC. NO. 2016071285 (O.P.R.)

OWNER: ANNIE STRAKA HYZAK (33%) A CALLED 143.6 ACRE TRACT "SECOND TRACT"
DOC. NO. 2016071284 (O.P.R.)

15' WASTEWATER EASEMENT

LOT 218 BLOCK A OPEN SPACE/ DRAINAGE LOT

20' WASTEWATER EASEMENT

30' WASTEWATER & DRAINAGE EASEMENT

20' UTILITY EASEMENT DOC. NO. 2008075756 (O.P.R.)

15' WASTEWATER EASEMENT

LOT 218 BLOCK A OPEN SPACE/ DRAINAGE LOT

DETENTION POND

1% ANNUAL CHANCE FLOODPLAIN (DEVELOPED CONDITIONS) PER STUDY PREPARED BY PAPE-DAWSON ENGINEERS, INC., APRIL 2019

20' DRAINAGE EASEMENT

20' WASTEWATER EASEMENT

15' WASTEWATER EASEMENT

25' WIDE PERMANENT WATERLINE EASEMENT DOC. NO. 2018017210 (O.P.R.)

25' TEMPORARY CONSTRUCTION EASEMENT DOC. NO. 2018017210 (O.P.R.)

FEMA 1% ANNUAL CHANCE FLOODPLAIN (PANEL NO. 48491C0150F, DATED 12/20/2019)

20' WASTEWATER EASEMENT

20' WASTEWATER EASEMENT

15' WASTEWATER EASEMENT

20' UTILITY EASEMENT DOC. NO. 2008044265 (O.P.R.)

OWNER: JESS A. OWENS, JR. AND HELEN M. OWENS A CALLED 0.2 ACRE TRACT "FIRST TRACT" VOL. 533, PG. 447 (D.R.)

BLOCK A

BLOCK AA

BLOCK BB

BLOCK CC

BLOCK DD

BLOCK EE

BLOCK Z

BLOCK Y

BLOCK X

BLOCK R

BLOCK S

BLOCK T

BLOCK U

BLOCK V

BLOCK W

FEATHERS STREET

ROBERT HIGHTOWER DRIVE

COLONEL MCNALLY ROAD

COLONEL MCNALLY COVE

LUCKY TEXAN ROAD

YELLOW RIBBON COVE

YELLOW RIBBON TRAIL

LIBERTY VALANCE PATH

DAN ROMAN LANE

OLD WESTERN PASS

BRANNIGAN DRIVE

RINGO KID ROAD

NIGHT RIDERS WAY

MORRISON DRIVE

COMANCHEROS ROAD

CHEYENNE COAST LANE

BARBARY COAST LANE

CLUSTER MAILBOX LOCATION

MATCHLINE - SEE SHEET 3

MATCHLINE - SEE SHEET 4

CURVE TABLE					
CURVE #	RADIUS	DELTA	CHORD BEARING	CHORD	LENGTH
C1	50.00'	090°00'00"	S66°19'49"E	70.71'	78.54'
C2	50.00'	090°00'00"	S66°19'49"E	70.71'	78.54'
C3	50.00'	090°00'00"	S23°40'11"W	70.71'	78.54'
C4	300.00'	018°29'28"	S30°34'33"E	96.40'	96.82'
C5	300.00'	018°29'28"	S30°34'33"E	96.40'	96.82'
C6	50.00'	090°00'00"	N66°19'49"W	70.71'	78.54'
C7	350.00'	037°51'39"	N15°23'30"W	227.09'	231.28'

CURVE TABLE					
CURVE #	RADIUS	DELTA	CHORD BEARING	CHORD	LENGTH
C8	300.00'	024°52'09"	N81°06'16"E	129.19'	130.21'
C9	300.00'	025°07'16"	N81°13'49"E	130.48'	131.53'
C10	300.00'	024°52'09"	S08°53'44"E	129.19'	130.21'
C11	470.00'	057°08'43"	N07°14'33"E	449.58'	468.77'
C12	200.00'	025°53'49"	N81°37'05"E	89.63'	90.40'
C13	200.00'	032°51'17"	S52°14'33"W	113.12'	114.68'
C14	180.00'	032°51'17"	N37°45'27"W	101.81'	103.22'
C44	300.00'	009°02'13"	S89°01'13"W	47.27'	47.32'

SCALE: 1"= 100'

0' 100' 200' 300'

LEGEND

FEMA FLOODPLAIN ZONE "A" DEFINED AS: AREAS SUBJECT TO THE 1% ANNUAL CHANCE FLOOD EVENT (PANEL NO. 48491C0150F, DATED 12/20/2019 & LOMR CASE NO. 19-06-0529P, APPROVED 03/06/2019)

1% ANNUAL CHANCE FLOODPLAIN (DEVELOPED CONDITIONS) PER STUDY PREPARED BY PAPE-DAWSON ENGINEERS, INC., APRIL 2019

CITY NO. _____

JOB NO. 51006-02

DATE APR 2019

DESIGNER EV,SW

CHECKED JF DRAWN EV,SW

SHEET 2 OF 4

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MATCHLINE - SEE SHEET 2

MATCHLINE - SEE SHEET 4

FEMA 1% ANNUAL CHANCE FLOODPLAIN (PANEL NO. 48491C0150F, DATED 12/20/2019)

15' WASTEWATER EASEMENT

VARIABLE WIDTH PERMANENT WATERLINE EASEMENT DOC. NO. 2018005965 (O.P.R.)

25' TEMPORARY CONSTRUCTION EASEMENT DOC. NO. 2018005965 (O.P.R.)

20' UTILITY EASEMENT DOC. NO. 2008044265 (O.P.R.)

LOT 180 BLOCK EE OPEN SPACE/ DRAINAGE LOT

DETENTION POND

20' UTILITY EASEMENT DOC. NO. 2008044263 (O.P.R.)

FEMA 1% ANNUAL CHANCE FLOODPLAIN (LOMR CASE NO. 19-06-0529P, APPROVED 03/06/2019)

20' DRAINAGE EASEMENT

EXISTING TEMPORARY DRAINAGE EASEMENT

EXISTING 20' WASTEWATER EASEMENT

EXISTING 15' TEMPORARY DRAINAGE EASEMENT

FEMA 1% ANNUAL CHANCE FLOODPLAIN (LOMR CASE NO. 19-06-0529P, APPROVED 03/06/2019)

15' WATER EASEMENT

LOT 180 BLOCK EE OPEN SPACE/ DRAINAGE LOT

1% ANNUAL CHANCE FLOODPLAIN (DEVELOPED CONDITIONS) PER STUDY PREPARED BY PAPE-DAWSON ENGINEERS, INC., APRIL 2019

DETENTION POND

15' WASTEWATER EASEMENT

LOT 180 BLOCK EE OPEN SPACE/ DRAINAGE LOT

20' DRAINAGE EASEMENT

30' WASTEWATER & DRAINAGE EASEMENT

20' DRAINAGE EASEMENT

30' WASTEWATER & DRAINAGE EASEMENT

20' DRAINAGE EASEMENT

PROPOSED 3-WAY INTERSECTION TO BE INCLUDED WITH CONSTRUCTION PLANS

EXISTING FENCE

LOT 12 BLOCK M ROW RESERVE

EXISTING FENCE

LOT 181 BLOCK FF ROW RESERVE

±18' FROM CENTERLINE OF EXISTING PAVEMENT TO ROW LINE

OWNER: GORDON L. STANFORD A CALLED 5.581 ACRE TRACT DOC. NO. 9856521 (O.R.)

OWNER: GORDON L. STANFORD A CALLED 5.420 ACRE TRACT VOL. 2191, PG. 796 (D.R.)

OWNER: CAROL A. DAUGHERTY A CALLED 50.00 ACRE TRACT SAVE AND EXCEPT 2.0 ACRES "FIRST TRACT" DOC. NO. 2002043306 (O.P.R.)

SONTERRA SECTION 13

NATHAN BRITTLES WAY — 50' R.O.W.

GREEN BERETS BEND — 50' R.O.W.

THE DUKE DRIVE — 50' R.O.W.

THE DUKE COVE — 50' R.O.W.

WILD WIND COVE — 50' R.O.W.

OLD CALIFORNIA LANE — 50' R.O.W.

NATARI TRAIL — 50' R.O.W.

PARADISE CANYON DRIVE — 50' R.O.W.

SYDNEY BRIDGE DRIVE — 50' R.O.W.

ETHAN EDWARDS ROAD — 60' R.O.W.

YELLOW RIBBON TRAIL — 60' R.O.W.

BARBARY COAST COVE — 50' R.O.W.

INNISFREE ROAD — 50' R.O.W.

CR 314

BLOCK FF, BLOCK GG, BLOCK HH, BLOCK EE, BLOCK C, BLOCK KK, BLOCK JJ, BLOCK LL

LANDSCAPE LOT

CLUSTER MAILBOX LOCATION

CURVE TABLE					
CURVE #	RADIUS	DELTA	CHORD BEARING	CHORD	LENGTH
C15	1000.00'	057°08'43"	N82°45'27"W	956.55'	997.37'
C16	500.00'	057°08'43"	S07°14'33"W	478.27'	498.69'
C17	500.00'	034°21'15"	S04°09'12"E	295.33'	299.80'
C18	500.00'	006°09'24"	S18°15'07"E	53.70'	53.73'
C19	1000.00'	043°30'32"	N83°25'09"W	741.26'	759.37'
C20	500.00'	006°09'24"	N18°15'07"W	53.70'	53.73'
C21	300.00'	018°31'59"	N64°36'15"E	96.62'	97.04'
C22	800.00'	013°19'55"	S62°00'13"W	185.73'	186.15'
C23	300.00'	041°47'18"	S00°26'10"E	213.99'	218.80'
C24	300.00'	031°07'08"	S04°53'55"W	160.94'	162.94'
C25	300.00'	011°10'40"	N29°04'24"W	58.43'	58.53'
C26	375.00'	092°09'15"	N22°35'34"E	540.21'	603.15'
C27	300.00'	041°47'18"	S00°26'10"E	213.99'	218.80'
C28	300.00'	041°47'18"	S00°26'10"E	213.99'	218.80'
C29	50.00'	090°00'00"	N23°40'11"E	70.71'	78.54'
C30	50.00'	090°00'00"	S66°19'49"E	70.71'	78.54'
C31	180.00'	090°00'00"	S23°40'11"W	254.56'	282.74'

SCALE: 1"= 100'

0' 100' 200' 300'

LEGEND

FEMA FLOODPLAIN ZONE "A" DEFINED AS: AREAS SUBJECT TO THE 1% ANNUAL CHANCE FLOOD EVENT (PANEL NO. 48491C0150F, DATED 12/20/2019 & LOMR CASE NO. 19-06-0529P, APPROVED 03/06/2019)

1% ANNUAL CHANCE FLOODPLAIN (DEVELOPED CONDITIONS) PER STUDY PREPARED BY PAPE-DAWSON ENGINEERS, INC., APRIL 2019

NO.	REVISION	DATE
1	ADDED ROBERT HIGHTOWER COVE, UPDATED WW ESMT	01/26/21

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TBPE FIRM REGISTRATION #470 | TBPLS FIRM REGISTRATION #10028801

COOL WATER
WILLIAMSON COUNTY, TEXAS

PRELIMINARY PLAT
SHEET 3 OF 4

CITY NO. ____
JOB NO. 51006-02
DATE APR 2019
DESIGNER EV,SW
CHECKED JF DRAWN EV,SW
SHEET 3 OF 4

Date: Mar 05, 2021, 3:04pm User ID: SWilson
File: H:\Projects\510\06\02\212 Preliminary\Civil\VP51006-02.dwg

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MATCHLINE - SEE SHEET 3

MATCHLINE - SEE SHEET 2

LOT 50 BLOCK C OPEN SPACE/ DRAINAGE LOT

DETENTION POND

20' DRAINAGE EASEMENT

LOT 1 BLOCK C LANDSCAPE

LOT 51 BLOCK C ROW RESERVE

EXISTING FENCE

LOT 1 BLOCK B LANDSCAPE

±21' FROM CENTERLINE OF EXISTING PAVEMENT TO ROW LINE

LOT 21 BLOCK B ROW RESERVE

LOT 20 BLOCK B LANDSCAPE

LOT 1 BLOCK A LANDSCAPE

LOT 219 BLOCK A ROW RESERVE

±22' FROM CENTERLINE OF EXISTING PAVEMENT TO ROW LINE

EXISTING FENCE

LOT 1 BLOCK MM OPEN SPACE

LOT 216 BLOCK A OPEN SPACE/ DRAINAGE LOT

LOT 217 BLOCK A OPEN SPACE/ DRAINAGE LOT

ROOSTER WAY

MCLINTOCK ROAD

LANDSCAPE LOT

KIRBY YORK COMMONS

FIGHTING SEABEES RUN

OLD STAGECOACH ROAD

BARBARY COAST LANE

VANDERVOORT WAY

RAINBOW VALLEY WAY

RIDGE ROAD

BLUE STEEL ROAD

JOHN WAYNE TRAIL

FLYING TIGERS TRAIL

OLD WESTERN PASS

STAR PACKER LANE

FORT APACHE DRIVE

GIANT SHADOW TRAIL

CLUSTER MAILBOX LOCATION

OWNER: LOUIS STRAKA, JR. & LOUISE STRAKA (6.7%) A CALLED 163.6 ACRE TRACT "SECOND TRACT" DOC. NO. 2016071285 (O.P.R.)

OWNER: ANNIE STRAKA HYZAK (3.3%) A CALLED 163.6 ACRE TRACT "SECOND TRACT" DOC. NO. 2016071284 (O.P.R.)

OWNER: LOUIS STRAKA, JR. & LOUISE STRAKA (6.7%) A CALLED 2.0 ACRE TRACT "THIRD TRACT" DOC. NO. 2016071285 (O.P.R.)

OWNER: ANNIE STRAKA HYZAK (3.3%) A CALLED 2.0 ACRE TRACT "THIRD TRACT" DOC. NO. 2016071284 (O.P.R.)

OWNER: MARK E. HARBIN & MARY L. HARBIN A CALLED 19.00 ACRE TRACT VOL. 877, PG. 900-904 (D.R.)

OWNER: JAY F. HOLIFIELD & PAMELA D. BLANCHARD A CALLED 13.68 ACRE TRACT DOC. NO. 2007075031 (O.P.R.)

CURVE TABLE					
CURVE #	RADIUS	DELTA	CHORD BEARING	CHORD	LENGTH
C32	50.00'	090°00'00"	N23°40'11"E	70.71'	78.54'
C33	50.00'	090°00'00"	N66°19'49"W	70.71'	78.54'
C34	50.00'	090°00'00"	N23°40'11"E	70.71'	78.54'
C35	50.00'	090°00'00"	S23°40'11"W	70.71'	78.54'
C36	50.00'	090°00'00"	N66°19'49"W	70.71'	78.54'
C37	300.00'	009°35'31"	N16°32'04"W	50.16'	50.22'
C38	300.00'	009°35'31"	N16°32'04"W	50.16'	50.22'
C39	50.00'	090°00'00"	S23°40'11"W	70.71'	78.54'
C40	50.00'	080°17'38"	N71°11'00"W	64.47'	70.07'
C41	300.00'	009°49'50"	N26°07'16"W	51.41'	51.47'
C42	180.00'	016°02'41"	S29°21'09"E	50.24'	50.41'
C43	180.00'	016°10'08"	N29°17'26"W	50.63'	50.80'

SCALE: 1"= 100'

0' 100' 200' 300'

LEGEND

FEMA FLOODPLAIN ZONE "A" DEFINED AS: AREAS SUBJECT TO THE 1% ANNUAL CHANCE FLOOD EVENT (PANEL NO. 48491C0150F, DATED 12/20/2019 & LOMR CASE NO. 19-06-0529P, APPROVED 03/06/2019)

1% ANNUAL CHANCE FLOODPLAIN (DEVELOPED CONDITIONS) PER STUDY PREPARED BY PAPE-DAWSON ENGINEERS, INC., APRIL 2019

NO.	REVISION	DATE
1	SHEET NUMBERS UPDATED	01/26/21

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TBPE FIRM REGISTRATION #470 I TBPLS FIRM REGISTRATION #10028801

COOL WATER
WILLIAMSON COUNTY, TEXAS

PRELIMINARY PLAT
SHEET 4 OF 4

CITY NO. ____
JOB NO. 51006-02
DATE APR 2019
DESIGNER EV,SW
CHECKED JF DRAWN EV,SW
SHEET 4 OF 4

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Commissioners Court - Regular Session **20.**

Meeting Date: 03/16/2021

Interlocal Agreement for Fire Code and Investigations between the City of Bartlett and Williamson County

Submitted For: Hank Jones **Submitted By:** Hank Jones, Fire Marshal Special Operations

Department: Fire Marshal Special Operations

Agenda Category: Regular Agenda Items

Information

Agenda Item

Discuss, consider, and take appropriate action on Interlocal Agreement for Fire Code and Investigations between the City of Bartlett and Williamson County.

Background

This Interlocal Agreement will allow the Williamson County Fire Marshal's office to provide fire code review and fire investigations pursuant to the Interlocal Cooperation Act, Chapter 791 of Texas Government Code and Section 352.019 of the Texas Local Government Code. This agreement has been reviewed by Williamson County legal and all fees are paid by third parties. Paragraph 3 contains a 10-day termination for convenience.

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

ILA City of Bartlett

Form Review

Inbox	Reviewed By	Date
Hal Hawes	Hal Hawes	03/05/2021 03:56 PM
County Judge Exec Asst.	Andrea Schiele	03/08/2021 09:40 AM
Form Started By: Hank Jones		Started On: 03/05/2021 03:17 PM
Final Approval Date: 03/08/2021		

STATE OF TEXAS §

§ KNOW ALL MEN BY THESE PRESENTS:

COUNTY OF WILLIAMSON §

INTERLOCAL AGREEMENT FOR FIRE CODE AND INVESTIGATIONS BETWEEN THE CITY OF BARTLETT AND WILLIAMSON COUNTY

This Interlocal ("Interlocal"), is made and entered into pursuant to the Interlocal Cooperation Act, Chapter 791 of the Texas Government Code and Section 352.019 of the Texas Local Government Code, between Williamson County ("COUNTY"), a political subdivision of the State of Texas, acting by and through the Commissioners Court of Williamson County, and the City of Bartlett ("LOCAL GOVERNMENT") a county, municipality, special district, or other political subdivision (including a corporate or political Local Government organized under State law), acting by and through its City Council,

In consideration of the foregoing and further consideration of the mutual promises, covenants, and conditions herein, the parties herby agree as follows:

I.
BASIC TERMS

COUNTY, by and through the Commissioners Court, herby affirmatively finds that the Project serves a public purpose.

COUNTY, by and through the Commissioners Court, herby affirmatively finds that COUNTY is specifically authorized by law to individually and independently undertake the Project on its own, with consent of LOCAL GOVERNMENT, as provided in this Interlocal.

LOCAL GOVERNMENT, by and through its City Council, herby affirmatively finds that LOCAL GOVERNMENT is specifically authorized by law to individually and independently undertake the Project on its own.

COUNTY and LOCAL GOVERNMENT, agree that, in performing the governmental functions contemplated in this Interlocal or in paying for the performance of those governmental functions, each party will make that performance or those payments from current revenues legally available to that party.

COUNTY and LOCAL GOVERNMENT affirmatively find that the performance of this Interlocal is in the common interest of both parties, that undertaking this Interlocal will benefit the public and that the division of costs associated with the Project fairly and adequately compensate the performing party for its services or functions performed under this Interlocal.

Neither COUNTY nor LOCAL GOVERNMENT intends for any third party to obtain a right by virtue of this Interlocal.

LOCAL GOVERNMENT agrees that COUNTY shall not be required to perform this Interlocal within any time limit.

COUNTY and LOCAL GOVERNMENT understand and agree that COUNTY is an Independent Contractor and that at no time will COUNTY's employees, agents or assignees be deemed for any purpose to be employees or agents of LOCAL GOVERNMENT,

COUNTY and LOCAL GOVERNMENT understand and agree that LOCAL GOVERNMENT is an Independent Contractor and that at no time will LOCAL GOVERNMENT's employees, agents or assignees be deemed for any purpose to be employees or agents of COUNTY.

COUNTY and LOCAL GOVERNMENT intend that the COUNTY Fire Marshal may enforce orders and decrees within the LOCAL GOVERNMENT as specifically required to do so by this Interlocal and that the COUNTY Fire Marshal may act in a cooperative and advisory capacity as provided in this Interlocal.

II.
PURPOSE

The purpose of this Project is to provide for fire code premise inspection services and fire investigation services within LOCAL GOVERNMENT's city limits that are also inside COUNTY.

III.
TERM

The term of this Interlocal will be from the date of execution by the last party hereto until midnight on November 30, 2021, and automatically renewing each December 1 for a one-year term. Either party may terminate this Interlocal, with or without cause, by giving at least ten(10) days written notice to the other party.

IV.
PROJECT DESCRIPTION

A. Fire Code Premise Inspection Services
   1. Fire Code Premise Inspection Services shall not begin until the following have all occurred:
      a. The LOCAL GOVERNMENT has adopted the same local fire code as currently adopted by COUNTY; and
      b. The LOCAL GOVERNMENT has adopted the same fee schedule for permits and inspections that apply to the unincorporated portions of the COUNTY.
   2. Upon compliance with Section IV, (A) (1), LOCAL GOVERNMENT will identify premises that should comply with the current local fire code and will cause the owner or applicant to send plans, specifications and other data to the COUNTY Fire Marshal,
   3. The COUNTY Fire Marshal will review, comment, issue permits, inspect and require corrections, follow-ups, etc., substantially the same way that the Fire Marshal does for premises outside City limits, and
   4. The COUNTY will assess and collect, directly from the owner or applicant, the same fees for permits and inspections that apply in the unincorporated portions of the

COUNTY. The COUNTY is not responsible for filing or prosecuting enforcement proceedings.

5. It is understood that neither the current local fire code nor this Interlocal will apply to one-or two-family residential buildings.

B. Fire Investigation Services

1. COUNTY shall enforce all state and county regulations that relate to fires, explosions, or damages of any kind caused by a fire or explosion.
2. COUNTY shall work with the various firefighting and fire prevention units in the county, which includes assisting LOCAL GOVERNMENT to accomplish its powers and duties.
3. The COUNTY Fire Marshal shall conduct fire investigations and enforce orders/decrees within the municipality as provided in Texas Local Government Code Section 352.109.

V.
PROJECT LOCATION

The location of the Project is within the city limits of LOCAL GOVERNMENT.

SCOPE OF WORK

COUNTY'S RESPONSIBILITIES:

COUNTY will make its Fire Marshal and staff available for the purposes of the Project.

LOCAL GOVERNMENT'S RESPONSIBILITIES

LOCAL GOVERNMENT will be responsible for identifying premises which must comply with the current local fire code, causing the owner or applicant to send plans, specifications and other data to the COUNTY and filing or prosecuting enforcement proceedings. LOCAL GOVERNMENT shall also be responsible for contacting the County Fire Marshal to request Fire Investigation Services, when needed.

At LOCAL GOVERNMENT's sole expense, LOCAL GOVERNMENT will furnish the labor, equipment and materials necessary to perform its responsibilities under this Interlocal. LOCAL GOVERNMENT will provide all appropriate supervisory personnel necessary to coordinate the efforts of COUNTY and LOCAL GOVERNMENT personnel.

VI.
MISCELLANEOUS

By entering into the Interlocal, the parties do not intend to create any obligations, express or implied, other than those specifically set out in this Interlocal.

Nothing in this Interlocal shall create any rights or obligations in any party who is not a signatory to this Interlocal.

Nothing in this Interlocal will be deemed to constitute a waiver of sovereign immunity or powers of LOCAL GOVERNMENT, The County, the Williamson County Commissioners Court, or the Williamson County Judge.

This is the complete Interlocal by and between the Parties on the subject matter of the Interlocal. It supersedes any other agreement or understanding between the Parties, written or oral, and any other commitments, promises, undertakings, understandings, proposals or representations of the Parties to each other, written or oral, concerning the subject matter of this Interlocal.

This Interlocal may be modified only by a writing duly executed by each of the Parties. Neither any representation or promise made after the execution of this Interlocal, nor any modification or amendment of this Interlocal, shall be binding on the Parties unless made in writing and duly executed by each of the Parties.

In case any one or more of the provisions contained in this Interlocal shall for any reason be held to be invalid, illegal, or unenforceable in any respect, such invalidity, illegality, or unenforceability shall not affect any other provision in this Interlocal and this Interlocal shall be construed as if such invalid, illegal, or unenforceable provision had never been contained in it.

The Parties mutually agree to act in good faith in the performance of this Interlocal.

Venue of this contract shall be Williamson County, Texas, and the law of the State of Texas shall govern.

This Interlocal may not be assigned.

LOCAL GOVERNMENT agrees and understands that: by law, the Williamson County Attorney's Office may only advise or approve contracts or legal documents on behalf of its clients; the Williamson County Attorney's Office may not advise or approve a contract or other legal document on behalf of any other party not its client; the Williamson County Attorney's Offices has reviewed this document solely from the legal perspective of its client; the approval of this document by the Williamson County Attorney's Office was offered solely to benefit its client; LOCAL GOVERNMENT and other parties should not rely on this approval and should seek review and approval by their own respective legal counsel.

It is expressly understood and agreed that this Interlocal will have no force or effect until duly executed by all parties and that it replaces any prior agreements, discussions, representations, warranties and/or covenants.

Notices, correspondence, and all other communications shall be address as follows:

If to COUNTY: Williamson County
Attn: County Judge
710 S Main Street, Ste. 101
Georgetown, Texas 78626

If to LOCAL GOVERNMENT: City of Bartlett

ATTN: Chad Ma
Mayor

140 W Clark St.
Address

BARTLETT, TX 76511

IN WITNESS WHEREOF, the parties have executed this Interlocal on the dates indicated.

WILLIAMSON COUNTY:

Bill Gravell Jr., Williamson County Judge

Date: _____

Attest:

Nancy E. Rister, Williamson County Clerk

Reviewed:

Fire Marshal

City of Bartlett

Chad Ma
Mayor

Date: 11/9/2020

Attest:

Joseph Rosenbaum
City Secretary

Commissioners Court - Regular Session **21.**

Meeting Date: 03/16/2021

Interlocal Agreement for Fire Code and Investigations between the City of Florence and Williamson County

Submitted For: Hank Jones **Submitted By:** Hank Jones, Fire Marshal Special Operations

Department: Fire Marshal Special Operations

Agenda Category: Regular Agenda Items

Information

Agenda Item

Discuss, consider, and take appropriate action on Interlocal Agreement for Fire Code and Investigations between the City of Florence and Williamson County.

Background

This Interlocal Agreement will allow the Williamson County Fire Marshal's office to provide fire code review and fire investigations pursuant to the Interlocal Cooperation Act, Chapter 791 of Texas Government Code and Section 352.019 of the Texas Local Government Code. This agreement has been reviewed by Williamson County legal and all fees are paid by third parties. Paragraph 3 contains a 10-day termination for convenience.

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

ILA City of Florence

Form Review

Inbox	Reviewed By	Date
Hal Hawes	Hal Hawes	03/05/2021 04:08 PM
County Judge Exec Asst.	Andrea Schiele	03/08/2021 09:42 AM
Form Started By: Hank Jones		Started On: 03/05/2021 03:52 PM
Final Approval Date: 03/08/2021		

STATE OF TEXAS §

§ KNOW ALL MEN BY THESE PRESENTS:

COUNTY OF WILLIAMSON §

INTERLOCAL AGREEMENT FOR FIRE CODE AND INVESTIGATIONS BETWEEN THE CITY OF FLORENCE AND WILLIAMSON COUNTY

This Interlocal ("Interlocal"), is made and entered into pursuant to the Interlocal Cooperation Act, Chapter 791 of the Texas Government Code and Section 352.019 of the Texas Local Government Code, between Williamson County ("COUNTY"), a political subdivision of the State of Texas, acting by and through the Commissioners Court of Williamson County, and the City of Florence ("LOCAL GOVERNMENT") a county, municipality, special district, or other political subdivision (including a corporate or political Local Government organized under State law), acting by and through its City Council,

In consideration of the foregoing and further consideration of the mutual promises, covenants, and conditions herein, the parties herby agree as follows:

I.

BASIC TERMS

COUNTY, by and through the Commissioners Court, herby affirmatively finds that the Project serves a public purpose.

COUNTY, by and through the Commissioners Court, herby affirmatively finds that COUNTY is specifically authorized by law to individually and independently undertake the Project on its own, with consent of LOCAL GOVERNMENT, as provided in this Interlocal.

LOCAL GOVERNMENT, by and through its City Council, herby affirmatively finds that LOCAL GOVERNMENT is specifically authorized by law to individually and independently undertake the Project on its own.

COUNTY and LOCAL GOVERNMENT, agree that, in performing the governmental functions contemplated in this Interlocal or in paying for the performance of those governmental functions, each party will make that performance or those payments from current revenues legally available to that party.

COUNTY and LOCAL GOVERNMENT affirmatively find that the performance of this Interlocal is in the common interest of both parties, that undertaking this Interlocal will benefit the public and that the division of costs associated with the Project fairly and adequately compensate the performing party for its services or functions performed under this Interlocal.

Neither COUNTY nor LOCAL GOVERNMENT intends for any third party to obtain a right by virtue of this Interlocal.

LOCAL GOVERNMENT agrees that COUNTY shall not be required to perform this Interlocal within any time limit.

COUNTY and LOCAL GOVERNMENT understand and agree that COUNTY is an Independent Contractor and that at no time will COUNTY's employees, agents or assignees be deemed for any purpose to be employees or agents of LOCAL GOVERNMENT,

COUNTY and LOCAL GOVERNMENT understand and agree that LOCAL GOVERNMENT is an Independent Contractor and that at no time will LOCAL GOVERNMENT's employees, agents or assignees be deemed for any purpose to be employees or agents of COUNTY.

COUNTY and LOCAL GOVERNMENT intend that the COUNTY Fire Marshal may enforce orders and decrees within the LOCAL GOVERNMENT as specifically required to do so by this Interlocal and that the COUNTY Fire Marshal may act in a cooperative and advisory capacity as provided in this Interlocal.

II.
PURPOSE

The purpose of this Project is to provide for fire code premise inspection services and fire investigation services within LOCAL GOVERNMENT's city limits that are also inside COUNTY.

III.
TERM

The term of this Interlocal will be from the date of execution by the last party hereto until midnight on November 30, 2021, and automatically renewing each December 1 for a one-year term. Either party may terminate this Interlocal, with or without cause, by giving at least ten(10) days written notice to the other party.

IV.
PROJECT DESCRIPTION

A. Fire Code Premise Inspection Services
   1. Fire Code Premise Inspection Services shall not begin until the following have all occurred:
      a. The LOCAL GOVERNMENT has adopted the same local fire code as currently adopted by COUNTY; and
      b. The LOCAL GOVERNMENT has adopted the same fee schedule for permits and inspections that apply to the unincorporated portions of the COUNTY.
   2. Upon compliance with Section IV, (A) (1), LOCAL GOVERNMENT will identify premises that should comply with the current local fire code and will cause the owner or applicant to send plans, specifications and other data to the COUNTY Fire Marshal,
   3. The COUNTY Fire Marshal will review, comment, issue permits, inspect and require corrections, follow-ups, etc., substantially the same way that the Fire Marshal does for premises outside City limits, and
   4. The COUNTY will assess and collect, directly from the owner or applicant, the same fees for permits and inspections that apply in the unincorporated portions of the

COUNTY. The COUNTY is not responsible for filing or prosecuting enforcement proceedings.

5. It is understood that neither the current local fire code nor this Interlocal will apply to one-or two-family residential buildings.

B. Fire Investigation Services

1. COUNTY shall enforce all state and county regulations that relate to fires, explosions, or damages of any kind caused by a fire or explosion.
2. COUNTY shall work with the various firefighting and fire prevention units in the county, which includes assisting LOCAL GOVERNMENT to accomplish its powers and duties.
3. The COUNTY Fire Marshal shall conduct fire investigations and enforce orders/decrees within the municipality as provided in Texas Local Government Code Section 352.109.

V.
PROJECT LOCATION

The location of the Project is within the city limits of LOCAL GOVERNMENT.

SCOPE OF WORK

COUNTY'S RESPONSIBILITIES:

COUNTY will make its Fire Marshal and staff available for the purposes of the Project.

LOCAL GOVERNMENT'S RESPONSIBILITIES

LOCAL GOVERNMENT will be responsible for identifying premises which must comply with the current local fire code, causing the owner or applicant to send plans, specifications and other data to the COUNTY and filing or prosecuting enforcement proceedings. LOCAL GOVERNMENT shall also be responsible for contacting the County Fire Marshal to request Fire Investigation Services, when needed.

At LOCAL GOVERNMENT's sole expense, LOCAL GOVERNMENT will furnish the labor, equipment and materials necessary to perform its responsibilities under this Interlocal. LOCAL GOVERNMENT will provide all appropriate supervisory personnel necessary to coordinate the efforts of COUNTY and LOCAL GOVERNMENT personnel.

VI.
MISCELLANEOUS

By entering into the Interlocal, the parties do not intend to create any obligations, express or implied, other than those specifically set out in this Interlocal.

Nothing in this Interlocal shall create any rights or obligations in any party who is not a signatory to this Interlocal.

Nothing in this Interlocal will be deemed to constitute a waiver of sovereign immunity or powers of LOCAL GOVERNMENT, The County, the Williamson County Commissioners Court, or the Williamson County Judge.

This is the complete Interlocal by and between the Parties on the subject matter of the Interlocal. It supersedes any other agreement or understanding between the Parties, written or oral, and any other commitments, promises, undertakings, understandings, proposals or representations of the Parties to each other, written or oral, concerning the subject matter of this Interlocal.

This Interlocal may be modified only by a writing duly executed by each of the Parties. Neither any representation or promise made after the execution of this Interlocal, nor any modification or amendment of this Interlocal, shall be binding on the Parties unless made in writing and duly executed by each of the Parties.

In case any one or more of the provisions contained in this Interlocal shall for any reason be held to be invalid, illegal, or unenforceable in any respect, such invalidity, illegality, or unenforceability shall not affect any other provision in this Interlocal and this Interlocal shall be construed as if such invalid, illegal, or unenforceable provision had never been contained in it.

The Parties mutually agree to act in good faith in the performance of this Interlocal.

Venue of this contract shall be Williamson County, Texas, and the law of the State of Texas shall govern.

This Interlocal may not be assigned.

LOCAL GOVERNMENT agrees and understands that: by law, the Williamson County Attorney's Office may only advise or approve contracts or legal documents on behalf of its clients; the Williamson County Attorney's Office may not advise or approve a contract or other legal document on behalf of any other party not its client; the Williamson County Attorney's Offices has reviewed this document solely from the legal perspective of its client; the approval of this document by the Williamson County Attorney's Office was offered solely to benefit its client; LOCAL GOVERNMENT and other parties should not rely on this approval and should seek review and approval by their own respective legal counsel.

It is expressly understood and agreed that this Interlocal will have no force or effect until duly executed by all parties and that it replaces any prior agreements, discussions, representations, warranties and/or covenants.

Notices, correspondence, and all other communications shall be address as follows:

If to COUNTY: Williamson County
Attn: County Judge
710 S Main Street, Ste. 101
Georgetown, Texas 78626

If to LOCAL GOVERNMENT: City of Florence

ATTN: Mary Condon
Mayor

PO Box 430
Address

Florence, Tx 76527

IN WITNESS WHEREOF, the parties have executed this Interlocal on the dates indicated.

WILLIAMSON COUNTY:

Bill Gravell Jr., Williamson County Judge

Date: _____

Attest:

Nancy E. Rister, Williamson County Clerk

Reviewed:

Fire Marshal

City of Florence

Mary Condon
Mayor

Date: 12-1-2020

Attest:

Amy L Crane
City Secretary

Commissioners Court - Regular Session **22.**

Meeting Date: 03/16/2021

Interlocal Agreement for Fire Code and Investigations between the City of Granger and Williamson County

Submitted For: Hank Jones **Submitted By:** Hank Jones, Fire Marshal Special Operations

Department: Fire Marshal Special Operations

Agenda Category: Regular Agenda Items

Information

Agenda Item

Discuss, consider, and take appropriate action on Interlocal Agreement for Fire Code and Investigations between the City of Granger and Williamson County.

Background

This Interlocal Agreement will allow the Williamson County Fire Marshal's office to provide fire code review and fire investigations pursuant to the Interlocal Cooperation Act, Chapter 791 of Texas Government Code and Section 352.019 of the Texas Local Government Code. This agreement has been reviewed by Williamson County legal and all fees are paid by third parties. Paragraph 3 contains a 10-day termination for convenience.

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

ILA City of Granger

Form Review

Inbox	Reviewed By	Date
Hal Hawes	Hal Hawes	03/05/2021 04:08 PM
County Judge Exec Asst.	Andrea Schiele	03/08/2021 09:43 AM
Form Started By: Hank Jones		Started On: 03/05/2021 03:58 PM
Final Approval Date: 03/08/2021		

STATE OF TEXAS §

§ KNOW ALL MEN BY THESE PRESENTS:

COUNTY OF WILLIAMSON §

INTERLOCAL AGREEMENT FOR FIRE CODE AND INVESTIGATIONS BETWEEN THE CITY OF GRANGER AND WILLIAMSON COUNTY

This Interlocal ("Interlocal"), is made and entered into pursuant to the Interlocal Cooperation Act, Chapter 791 of the Texas Government Code and Section 352.019 of the Texas Local Government Code, between Williamson County ("COUNTY"), a political subdivision of the State of Texas, acting by and through the Commissioners Court of Williamson County, and the City of Granger ("LOCAL GOVERNMENT") a county, municipality, special district, or other political subdivision (including a corporate or political Local Government organized under State law), acting by and through its City Council,

In consideration of the foregoing and further consideration of the mutual promises, covenants, and conditions herein, the parties herby agree as follows:

I.
BASIC TERMS

COUNTY, by and through the Commissioners Court, herby affirmatively finds that the Project serves a public purpose.

COUNTY, by and through the Commissioners Court, herby affirmatively finds that COUNTY is specifically authorized by law to individually and independently undertake the Project on its own, with consent of LOCAL GOVERNMENT, as provided in this Interlocal.

LOCAL GOVERNMENT, by and through its City Council, herby affirmatively finds that LOCAL GOVERNMENT is specifically authorized by law to individually and independently undertake the Project on its own.

COUNTY and LOCAL GOVERNMENT, agree that, in performing the governmental functions contemplated in this Interlocal or in paying for the performance of those governmental functions, each party will make that performance or those payments from current revenues legally available to that party.

COUNTY and LOCAL GOVERNMENT affirmatively find that the performance of this Interlocal is in the common interest of both parties, that undertaking this Interlocal will benefit the public and that the division of costs associated with the Project fairly and adequately compensate the performing party for its services or functions performed under this Interlocal.

Neither COUNTY nor LOCAL GOVERNMENT intends for any third party to obtain a right by virtue of this Interlocal.

LOCAL GOVERNMENT agrees that COUNTY shall not be required to perform this Interlocal within any time limit.

COUNTY and LOCAL GOVERNMENT understand and agree that COUNTY is an Independent Contractor and that at no time will COUNTY's employees, agents or assignees be deemed for any purpose to be employees or agents of LOCAL GOVERNMENT,

COUNTY and LOCAL GOVERNMENT understand and agree that LOCAL GOVERNMENT is an Independent Contractor and that at no time will LOCAL GOVERNMENT's employees, agents or assignees be deemed for any purpose to be employees or agents of COUNTY.

COUNTY and LOCAL GOVERNMENT intend that the COUNTY Fire Marshal may enforce orders and decrees within the LOCAL GOVERNMENT as specifically required to do so by this Interlocal and that the COUNTY Fire Marshal may act in a cooperative and advisory capacity as provided in this Interlocal.

II.
PURPOSE

The purpose of this Project is to provide for fire code premise inspection services and fire investigation services within LOCAL GOVERNMENT's city limits that are also inside COUNTY.

III.
TERM

The term of this Interlocal will be from the date of execution by the last party hereto until midnight on November 30, 2021, and automatically renewing each December 1 for a one-year term. Either party may terminate this Interlocal, with or without cause, by giving at least ten(10) days written notice to the other party.

IV.
PROJECT DESCRIPTION

A. Fire Code Premise Inspection Services
   1. Fire Code Premise Inspection Services shall not begin until the following have all occurred:
      a. The LOCAL GOVERNMENT has adopted the same local fire code as currently adopted by COUNTY; and
      b. The LOCAL GOVERNMENT has adopted the same fee schedule for permits and inspections that apply to the unincorporated portions of the COUNTY.
   2. Upon compliance with Section IV, (A) (1), LOCAL GOVERNMENT will identify premises that should comply with the current local fire code and will cause the owner or applicant to send plans, specifications and other data to the COUNTY Fire Marshal,
   3. The COUNTY Fire Marshal will review, comment, issue permits, inspect and require corrections, follow-ups, etc., substantially the same way that the Fire Marshal does for premises outside City limits, and
   4. The COUNTY will assess and collect, directly from the owner or applicant, the same fees for permits and inspections that apply in the unincorporated portions of the

COUNTY. The COUNTY is not responsible for filing or prosecuting enforcement proceedings.

5. It is understood that neither the current local fire code nor this Interlocal will apply to one-or two-family residential buildings.

B. Fire Investigation Services

1. COUNTY shall enforce all state and county regulations that relate to fires, explosions, or damages of any kind caused by a fire or explosion.
2. COUNTY shall work with the various firefighting and fire prevention units in the county, which includes assisting LOCAL GOVERNMENT to accomplish its powers and duties.
3. The COUNTY Fire Marshal shall conduct fire investigations and enforce orders/decrees within the municipality as provided in Texas Local Government Code Section 352.109.

V.
PROJECT LOCATION

The location of the Project is within the city limits of LOCAL GOVERNMENT.

SCOPE OF WORK

COUNTY'S RESPONSIBILITIES:

COUNTY will make its Fire Marshal and staff available for the purposes of the Project.

LOCAL GOVERNMENT'S RESPONSIBILITIES

LOCAL GOVERNMENT will be responsible for identifying premises which must comply with the current local fire code, causing the owner or applicant to send plans, specifications and other data to the COUNTY and filing or prosecuting enforcement proceedings. LOCAL GOVERNMENT shall also be responsible for contacting the County Fire Marshal to request Fire Investigation Services, when needed.

At LOCAL GOVERNMENT's sole expense, LOCAL GOVERNMENT will furnish the labor, equipment and materials necessary to perform its responsibilities under this Interlocal. LOCAL GOVERNMENT will provide all appropriate supervisory personnel necessary to coordinate the efforts of COUNTY and LOCAL GOVERNMENT personnel.

VI.
MISCELLANEOUS

By entering into the Interlocal, the parties do not intend to create any obligations, express or implied, other than those specifically set out in this Interlocal.

Nothing in this Interlocal shall create any rights or obligations in any party who is not a signatory to this Interlocal.

Nothing in this Interlocal will be deemed to constitute a waiver of sovereign immunity or powers of LOCAL GOVERNMENT, The County, the Williamson County Commissioners Court, or the Williamson County Judge.

This is the complete Interlocal by and between the Parties on the subject matter of the Interlocal. It supersedes any other agreement or understanding between the Parties, written or oral, and any other commitments, promises, undertakings, understandings, proposals or representations of the Parties to each other, written or oral, concerning the subject matter of this Interlocal.

This Interlocal may be modified only by a writing duly executed by each of the Parties. Neither any representation or promise made after the execution of this Interlocal, nor any modification or amendment of this Interlocal, shall be binding on the Parties unless made in writing and duly executed by each of the Parties.

In case any one or more of the provisions contained in this Interlocal shall for any reason be held to be invalid, illegal, or unenforceable in any respect, such invalidity, illegality, or unenforceability shall not affect any other provision in this Interlocal and this Interlocal shall be construed as if such invalid, illegal, or unenforceable provision had never been contained in it.

The Parties mutually agree to act in good faith in the performance of this Interlocal.

Venue of this contract shall be Williamson County, Texas, and the law of the State of Texas shall govern.

This Interlocal may not be assigned.

LOCAL GOVERNMENT agrees and understands that: by law, the Williamson County Attorney's Office may only advise or approve contracts or legal documents on behalf of its clients; the Williamson County Attorney's Office may not advise or approve a contract or other legal document on behalf of any other party not its client; the Williamson County Attorney's Offices has reviewed this document solely from the legal perspective of its client; the approval of this document by the Williamson County Attorney's Office was offered solely to benefit its client; LOCAL GOVERNMENT and other parties should not rely on this approval and should seek review and approval by their own respective legal counsel.

It is expressly understood and agreed that this Interlocal will have no force or effect until duly executed by all parties and that it replaces any prior agreements, discussions, representations, warranties and/or covenants.

Notices, correspondence, and all other communications shall be address as follows:

If to COUNTY: Williamson County
Attn: County Judge
710 S Main Street, Ste. 101
Georgetown, Texas 78626

If to LOCAL GOVERNMENT: City of Granger

ATTN: Trevor Cheatheam
Mayor

119 E Davilla
Address

Granger TX,

76530

IN WITNESS WHEREOF, the parties have executed this Interlocal on the dates indicated.

WILLIAMSON COUNTY:

_____
Bill Gravell Jr., Williamson County Judge

Date: _____

Attest:

_____
Nancy E. Rister, Williamson County Clerk

Reviewed:

_____
Fire Marshal

City of Granger

Mayor

Date: 1/28/2021

Attest:

City Secretary

Commissioners Court - Regular Session **23.**

Meeting Date: 03/16/2021

Interlocal Agreement for Fire Code and Investigations between the City of Thrall and Williamson County

Submitted For: Hank Jones **Submitted By:** Hank Jones, Fire Marshal Special Operations

Department: Fire Marshal Special Operations

Agenda Category: Regular Agenda Items

Information

Agenda Item

Discuss, consider, and take appropriate action on Interlocal Agreement for Fire Code and Investigations between the City of Thrall and Williamson County.

Background

This Interlocal Agreement will allow the Williamson County Fire Marshal's office to provide fire code review and fire investigations pursuant to the Interlocal Cooperation Act, Chapter 791 of Texas Government Code and Section 352.019 of the Texas Local Government Code. This agreement has been reviewed by Williamson County legal and all fees are paid by third parties. Paragraph 3 contains a 10-day termination for convenience.

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

ILA City of Thrall

Form Review

Inbox	Reviewed By	Date
Hal Hawes	Hal Hawes	03/05/2021 04:08 PM
County Judge Exec Asst.	Andrea Schiele	03/08/2021 09:44 AM
Form Started By: Hank Jones		Started On: 03/05/2021 04:02 PM
Final Approval Date: 03/08/2021		

STATE OF TEXAS §

§ KNOW ALL MEN BY THESE PRESENTS:

COUNTY OF WILLIAMSON §

INTERLOCAL AGREEMENT FOR FIRE CODE AND INVESTIGATIONS BETWEEN THE CITY OF THRALL AND WILLIAMSON COUNTY

This Interlocal ("Interlocal"), is made and entered into pursuant to the Interlocal Cooperation Act, Chapter 791 of the Texas Government Code and Section 352.019 of the Texas Local Government Code, between Williamson County ("COUNTY"), a political subdivision of the State of Texas, acting by and through the Commissioners Court of Williamson County, and the City of Thrall ("LOCAL GOVERNMENT") a county, municipality, special district, or other political subdivision (including a corporate or political Local Government organized under State law), acting by and through its City Council,

In consideration of the foregoing and further consideration of the mutual promises, covenants, and conditions herein, the parties herby agree as follows:

I.

BASIC TERMS

COUNTY, by and through the Commissioners Court, herby affirmatively finds that the Project serves a public purpose.

COUNTY, by and through the Commissioners Court, herby affirmatively finds that COUNTY is specifically authorized by law to individually and independently undertake the Project on its own, with consent of LOCAL GOVERNMENT, as provided in this Interlocal.

LOCAL GOVERNMENT, by and through its City Council, herby affirmatively finds that LOCAL GOVERNMENT is specifically authorized by law to individually and independently undertake the Project on its own.

COUNTY and LOCAL GOVERNMENT, agree that, in performing the governmental functions contemplated in this Interlocal or in paying for the performance of those governmental functions, each party will make that performance or those payments from current revenues legally available to that party.

COUNTY and LOCAL GOVERNMENT affirmatively find that the performance of this Interlocal is in the common interest of both parties, that undertaking this Interlocal will benefit the public and that the division of costs associated with the Project fairly and adequately compensate the performing party for its services or functions performed under this Interlocal.

Neither COUNTY nor LOCAL GOVERNMENT intends for any third party to obtain a right by virtue of this Interlocal.

LOCAL GOVERNMENT agrees that COUNTY shall not be required to perform this Interlocal within any time limit.

COUNTY and LOCAL GOVERNMENT understand and agree that COUNTY is an Independent Contractor and that at no time will COUNTY's employees, agents or assignees be deemed for any purpose to be employees or agents of LOCAL GOVERNMENT,

COUNTY and LOCAL GOVERNMENT understand and agree that LOCAL GOVERNMENT is an Independent Contractor and that at no time will LOCAL GOVERNMENT's employees, agents or assignees be deemed for any purpose to be employees or agents of COUNTY.

COUNTY and LOCAL GOVERNMENT intend that the COUNTY Fire Marshal may enforce orders and decrees within the LOCAL GOVERNMENT as specifically required to do so by this Interlocal and that the COUNTY Fire Marshal may act in a cooperative and advisory capacity as provided in this Interlocal.

II.
PURPOSE

The purpose of this Project is to provide for fire code premise inspection services and fire investigation services within LOCAL GOVERNMENT's city limits that are also inside COUNTY.

III.
TERM

The term of this Interlocal will be from the date of execution by the last party hereto until midnight on November 30, 2021, and automatically renewing each December 1 for a one-year term. Either party may terminate this Interlocal, with or without cause, by giving at least ten(10) days written notice to the other party.

IV.
PROJECT DESCRIPTION

A. Fire Code Premise Inspection Services
   1. Fire Code Premise Inspection Services shall not begin until the following have all occurred:
      a. The LOCAL GOVERNMENT has adopted the same local fire code as currently adopted by COUNTY; and
      b. The LOCAL GOVERNMENT has adopted the same fee schedule for permits and inspections that apply to the unincorporated portions of the COUNTY.
   2. Upon compliance with Section IV, (A) (1), LOCAL GOVERNMENT will identify premises that should comply with the current local fire code and will cause the owner or applicant to send plans, specifications and other data to the COUNTY Fire Marshal,
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   4. The COUNTY will assess and collect, directly from the owner or applicant, the same fees for permits and inspections that apply in the unincorporated portions of the

COUNTY. The COUNTY is not responsible for filing or prosecuting enforcement proceedings.

5. It is understood that neither the current local fire code nor this Interlocal will apply to one-or two-family residential buildings.

B. Fire Investigation Services

1. COUNTY shall enforce all state and county regulations that relate to fires, explosions, or damages of any kind caused by a fire or explosion.
2. COUNTY shall work with the various firefighting and fire prevention units in the county, which includes assisting LOCAL GOVERNMENT to accomplish its powers and duties.
3. The COUNTY Fire Marshal shall conduct fire investigations and enforce orders/decrees within the municipality as provided in Texas Local Government Code Section 352.109.

V.
PROJECT LOCATION

The location of the Project is within the city limits of LOCAL GOVERNMENT.

SCOPE OF WORK

COUNTY'S RESPONSIBILITIES:

COUNTY will make its Fire Marshal and staff available for the purposes of the Project.

LOCAL GOVERNMENT'S RESPONSIBILITIES

LOCAL GOVERNMENT will be responsible for identifying premises which must comply with the current local fire code, causing the owner or applicant to send plans, specifications and other data to the COUNTY and filing or prosecuting enforcement proceedings. LOCAL GOVERNMENT shall also be responsible for contacting the County Fire Marshal to request Fire Investigation Services, when needed.

At LOCAL GOVERNMENT's sole expense, LOCAL GOVERNMENT will furnish the labor, equipment and materials necessary to perform its responsibilities under this Interlocal. LOCAL GOVERNMENT will provide all appropriate supervisory personnel necessary to coordinate the efforts of COUNTY and LOCAL GOVERNMENT personnel.

VI.
MISCELLANEOUS

By entering into the Interlocal, the parties do not intend to create any obligations, express or implied, other than those specifically set out in this Interlocal.

Nothing in this Interlocal shall create any rights or obligations in any party who is not a signatory to this Interlocal.

Nothing in this Interlocal will be deemed to constitute a waiver of sovereign immunity or powers of LOCAL GOVERNMENT, The County, the Williamson County Commissioners Court, or the Williamson County Judge.

This is the complete Interlocal by and between the Parties on the subject matter of the Interlocal. It supersedes any other agreement or understanding between the Parties, written or oral, and any other commitments, promises, undertakings, understandings, proposals or representations of the Parties to each other, written or oral, concerning the subject matter of this Interlocal.

This Interlocal may be modified only by a writing duly executed by each of the Parties. Neither any representation or promise made after the execution of this Interlocal, nor any modification or amendment of this Interlocal, shall be binding on the Parties unless made in writing and duly executed by each of the Parties.

In case any one or more of the provisions contained in this Interlocal shall for any reason be held to be invalid, illegal, or unenforceable in any respect, such invalidity, illegality, or unenforceability shall not affect any other provision in this Interlocal and this Interlocal shall be construed as if such invalid, illegal, or unenforceable provision had never been contained in it.

The Parties mutually agree to act in good faith in the performance of this Interlocal.

Venue of this contract shall be Williamson County, Texas, and the law of the State of Texas shall govern.

This Interlocal may not be assigned.

LOCAL GOVERNMENT agrees and understands that: by law, the Williamson County Attorney's Office may only advise or approve contracts or legal documents on behalf of its clients; the Williamson County Attorney's Office may not advise or approve a contract or other legal document on behalf of any other party not its client; the Williamson County Attorney's Offices has reviewed this document solely from the legal perspective of its client; the approval of this document by the Williamson County Attorney's Office was offered solely to benefit its client; LOCAL GOVERNMENT and other parties should not rely on this approval and should seek review and approval by their own respective legal counsel.

It is expressly understood and agreed that this Interlocal will have no force or effect until duly executed by all parties and that it replaces any prior agreements, discussions, representations, warranties and/or covenants.

Notices, correspondence, and all other communications shall be address as follows:

If to COUNTY: Williamson County
Attn: County Judge
710 S Main Street, Ste. 101
Georgetown, Texas 78626

If to LOCAL GOVERNMENT: City of Thrall

ATTN: Troy Marx
Mayor

City of Thrall
Address

P.O. Box 346

Thrall, Tx 76578

IN WITNESS WHEREOF, the parties have executed this Interlocal on the dates indicated.

WILLIAMSON COUNTY:

_____
Bill Gravell Jr., Williamson County Judge

Date: _____

Attest:

_____
Nancy E. Rister, Williamson County Clerk

Reviewed:

_____
Fire Marshal

City of Thrall

_____
Mayor

Date: 11-18-2020

Attest:

_____
City Secretary

Commissioners Court - Regular Session **24.**

Meeting Date: 03/16/2021

Sheriff"s Office Fuel Blanket

Submitted For: Joy Simonton **Submitted By:** Erica Smith, Purchasing

Department: Purchasing

Agenda Category: Regular Agenda Items

Information

Agenda Item

Discuss, consider and take appropriate action on approving a blanket purchase order for fuel to Fuelman in the amount of $150,000 pursuant to Omnia Partners contract #R161501.

Background

Approval of this item will support the operations of the Williamson County Sheriff's Office. The blanket purchase order will encumber funds for the second quarter of the fiscal year. There is no attachment for this item as it is for the approval of a blanket purchase order. This expenditure will be charged to 01.0100.0560.003301. Department contact is Kurt Showalter.

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

No file(s) attached.

Form Review

Inbox	Reviewed By	Date
Purchasing (Originator)	Joy Simonton	03/11/2021 11:03 AM
County Judge Exec Asst.	Andrea Schiele	03/11/2021 11:08 AM
Form Started By: Erica Smith		Started On: 03/10/2021 03:53 PM
Final Approval Date: 03/11/2021		

Commissioners Court - Regular Session **25.**

Meeting Date: 03/16/2021

Request to use vacant DPS building for Sheriff's Office training

Submitted For: Mike Gleason **Submitted By:** Starla Hall, Sheriff

Department: Sheriff

Agenda Category: Regular Agenda Items

Information

Agenda Item

Discuss, consider and take appropriate action on allowing the Williamson County Sheriff's Office to use the vacant DPS building located at 515 Pine St., Georgetown for training purposes March 22-26, 2021.

Background

The Sheriff's Office respectfully request for consideration the use of the vacant DPS building to conduct training for Drone Building Clearing, Interagency Warrant Service and Low light training for the week of March 22nd thru 26th.

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	03/08/2021 09:57 AM
Form Started By: Starla Hall		Started On: 03/05/2021 05:13 PM
Final Approval Date: 03/08/2021		

Commissioners Court - Regular Session **26.**

Meeting Date: 03/16/2021

Approving the quote for DNN License Renewals

Submitted For: Joy Simonton **Submitted By:** Andrew Portillo, Purchasing

Department: Purchasing

Agenda Category: Regular Agenda Items

Information

Agenda Item

Discuss, consider, and take appropriate action on approving the renewal between Clarity Ventures and Williamson County for DNN Evoq Content on production license with a Platinum Support Plan in the amount of $25,730.00 for one (1) year to support the operations of the Williamson County IT Department for the wilco.org website and authorizing the execution of the agreement.

Background

This contract provides for the annual website maintenance and support for wilco.org. DNN Support Packages are available for both DNN Platform and Evoq customers to help keep the county's website running smoothly. If something goes wrong, DNN's qualified experts will solve the problem. This service also includes updates to the site and a direct support line. Clarity Ventures, as the current support provider, is considered at captive vendor at this time. IT staff has not been able to revisit scoping and soliciting this service contract due to the additional COVID 19 workload issues that have been experienced this year. However, the Purchasing Department will be supporting the IT Department and issuing a Request for Proposal (RFP) for a multi-year support agreement later this year for these services. Department Contact: Richard Semple. Funding is approved in FY21. Funding Source: 01.0100.0503.004505.

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

Clarity Ventures Price Proposal

Form Review

Inbox	Reviewed By	Date
Purchasing (Originator)	Joy Simonton	03/11/2021 09:47 AM
County Judge Exec Asst.	Andrea Schiele	03/11/2021 09:50 AM
Purchasing (Originator)	Joy Simonton	03/11/2021 10:52 AM
Form Started By: Andrew Portillo		Started On: 03/09/2021 12:19 PM
Final Approval Date: 03/11/2021		

Quote for DNN License

Prepared for Williamson County
301 SE Inner Loop, Suite 105
Georgetown, TX. 78626

Clarity Ventures
5114 Balcones Woods Dr.
Suite 307
Austin, TX 78759
Ph: 800-928-8160

Contact: Philip Ganoe
Email: Philip.ganoe@claritymis.com

Date Prepared: 02/22/2021

Quote Line Items

DNN EVOQ Content OnPrem Production License
w/ Platinum Support

Term Start Date: 3/21/2021
Term End Date: 3/20/2022

Payment Terms: Due Upon Receipt

DNN Evoq License Quote

SERVICE ITEM	ESTIMATE		DESCRIPTION
	Hours	Cost	
Website Services			
CMS License			
DNN Evoq Content On-Premise Production License – Platinum Plan (12 mos)	-	$25,730.00	This is for one year on an Evoq Content on-premise production license with the Platinum Support Plan. (*The license can be purchased for up to 5 years, which will still be paid annually, however it will lock the annual pricing in during that period.) DNN helps organizations build and manage content-rich websites, social intranets, and online communities. It is the most widely adopted Web Content Management Platform for Microsoft .Net, powering over 750,000 production web sites worldwide. The powerful web application development platform allows businesses to easily customize and extend their desktop and mobile websites. As your business grows, DNN grows with you. DNN includes features for page and module caching to speed the delivery of web pages and provide visitors with a more satisfying experience. DNN provides web farm support to increase performance and guaranteed content delivery.
QUOTE SUMMARY			
Total	-	**$25,730.00***	*'Single production license for 12 months – (*Up to 5 years available to lock in pricing, with amount still paid annually.)*

The undersigned has created this proposal using the latest pricing from DNN for the Williamson County account.

Clarity Ventures, Inc.:

By: 

Printed: Chris Reddick

Position: CEO

Date: 2/22/2021

Commissioners Court - Regular Session **27.**

Meeting Date: 03/16/2021

Line Item Transfer between Pretrial Services and the District Courts

Submitted By: Ronald Morgan, All District Courts

Department: All District Courts

Agenda Category: Regular Agenda Items

Information

Agenda Item

Discuss, consider, and take appropriate action on a Line Item Transfer between Pretrial Services and the District Courts.

Background

In the Fiscal Year 2021 Budget, Pretrial Services was approved $29,671 in Temp Labor funds in order to backfill for an employee who was scheduled to be on military leave for an undetermined period of time in FY2021. The employee returned from military leave status unexpectedly early, and Pretrial Services has not needed to utilize those funds.

The District Courts are working to address the case backlog that has resulted from the change in operations necessitated by COVID-19. The Courts are utilizing several techniques to address this backlog, including aggressive case screening and scheduling for virtual hearings, and exploring other techniques, including use of visiting judges. Each District Court has 1 administrative staff member, which limits the administrative capacity of each Court, as the Judges are heavily reliant on Court Administrators to perform administrative functions that allow them to focus on judicial duties.

This request seeks to provide resources to the District Courts to increase administrative support, and, through interdepartmental cooperation, does so by utilizing already-allocated funds that would go unused in FY21 by transferring Temp. Labor funds from Pretrial Services (0591) to District Courts (0435).

Fiscal Impact

From/To	Acct No.	Description	Amount
From	0100-0591-001107	Pretrial/Temp Labor	$29,671
To	0100-0435-001107	All Dist Cts/Temp Labor	$29,671
From	0100-0591-002010	Pretrial/FICA	$2,269.83
To	0100-0435-002010	All Dist Cts/FICA	$2,269.83

Attachments

No file(s) attached.

Form Review

Inbox **Reviewed By** **Date**

County Judge Exec Asst.	Andrea Schiele	03/09/2021 12:54 PM
Budget Office	Ashlie Koenig	03/09/2021 01:52 PM

Form Started By: Ronald Morgan Started On: 03/09/2021 10:05 AM

Final Approval Date: 03/09/2021

Commissioners Court - Regular Session **28.**

Meeting Date: 03/16/2021

Debt Service 2021 Refundings BA Exp 03.16.21

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 Debt Services Fund.

Background

To recognize the debt service related proceeds and the associated expenditures for the 2021 Limited Tax Refunding Bonds and the 2021 Limited Taxable Refunding Bonds.

Fiscal Impact

From/To	Acct No.	Description	Amount
	0600.0600.004098	Pymt to Refunding Escrow Agent	$194,864,476.55

Attachments

No file(s) attached.

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Andrea Schiele	03/08/2021 10:55 AM
Form Started By: Melanie Denny		Started On: 02/25/2021 02:28 PM
Final Approval Date: 03/08/2021		

Commissioners Court - Regular Session **29.**

Meeting Date: 03/16/2021

Debt Service 2021 Refundings BA Rev 03.16.21

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 revenue for the Debt Service Fund.

Background

To recognize the debt service related proceeds and the associated expenditures for the 2021 Limited Tax Refunding Bonds and the 2021 Limited Taxable Refunding Bonds.

Fiscal Impact

From/To	Acct No.	Description	Amount
	0600.0000.370400	Proceeds Fm Bond/CO Issuances	$193,430,000.00
	0600.0000.370401	Premium Fm Bond/CO Issuances	$1,434,476.55

Attachments

No file(s) attached.

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Andrea Schiele	03/08/2021 10:56 AM
Form Started By: Melanie Denny		Started On: 02/25/2021 02:29 PM
Final Approval Date: 03/08/2021		

Commissioners Court - Regular Session **30.**

Meeting Date: 03/16/2021

Debt Serivce 2021 Refundings LIT Rev 03.16.21

Submitted For: Melanie Denny **Submitted By:** Melanie Denny, County Auditor

Department: County Auditor

Agenda Category: Regular Agenda Items

Information

Agenda Item

Discuss and consider approving a line item transfer for the Debt Service Fund.

Background

To recognize the debt service related proceeds and the associated expenditures for the 2021 Limited Tax Refunding Bonds and the 2021 Limited Taxable Refunding Bonds.

Fiscal Impact

From/To	Acct No.	Description	Amount
From	0600.0600.006631	Series 11 LTD Tax Refund-Int	$182,125.00
From	0600.0600.006632	Series 11 Pass-Thru Toll-Int	$126,656.75
From	0600.0600.006633	Series 12 LTD Tax Refund-Int	$1,707,381.75
From	0600.0600.006635	Series 13 LTD Tax Refund-Int	$1,060,700.00
From	0600.0600.006636	Series 13 Pass-Thru Toll-Int	$194,400.00
From	0600.0600.006637	Series 14 UNL Tax Road-Int	$688,597.80
To	0600.0600.004098	Pymt to Refunding Escrow Agent	$1,299,414.86
To	0600.0600.004099	Bond Issuance Costs	$1,579,584.54
To	0600.0600.006651	Series 21 Tx Refund-Int	$221,214.44
To	0600.0600.006652	Series 21 LTD Taxable Ref-Int	$859,647.46

Attachments

No file(s) attached.

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Andrea Schiele	03/08/2021 10:56 AM
Form Started By: Melanie Denny		Started On: 02/25/2021 02:30 PM
Final Approval Date: 03/08/2021		

Commissioners Court - Regular Session **31.**

Meeting Date: 03/16/2021

FY21 Corridor Budget Transfer

Submitted By: Tomika Lynce, County Auditor

Department: County Auditor

Agenda Category: Regular Agenda Items

Information

Agenda Item

Discuss, consider and take appropriate action on approving the transfer of $850,000 from P457 (LTP ROW) General Fund to P583 (Flood Infrastructure Fund) Grant Match.

Background

Based on the Commissioners Court action to fund the Flood Infrastructure Grant on September 22, 2020, with $850,000 from CIP and LTP, it has now become necessary to modify the FY21 Transportation Corridor Budget that was approved on January 26, 2021.

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

FY21 Corridor Budget

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Andrea Schiele	03/11/2021 09:47 AM
Form Started By: Tomika Lynce		Started On: 03/11/2021 08:50 AM
Final Approval Date: 03/11/2021		

HNTB Corporation
Engineers Architects Planners

101 E Old Settlers Blvd
Suite 100
Round Rock, TX 78664

Telephone (512) 744-9082
www.hntb.com

Ms. Tomika Lynce
Williamson County Auditor's Office
Historic County Courthouse
710 Main Street, Ste. 301
Georgetown, TX 78626

March 3, 2021

Re: FY 2021 Transportation Corridor Budgets

Dear Ms. Lynce,

Based on Commissioners Court action to fund the Flood Infrastructure Fund Grant on September 22, 2020 with $850,000.00 from CIP and LTP it has now become necessary to modify the FY2021 Transportation Corridor Budgets. Please find below a budget allocation transfer to fund this grant.

- Move $850,000.00 from P457 LTP Right-of-Way (ROW) to a new P# (P583) for TWDB Flood Infrastructure Fund (FIF) Grant match

If you have any questions, please let me know.

Thank you.

Michael J. Weaver

Cc: Pam Navarrette, Williamson County Auditor's Office
Robert B. Daigh, P.E., Williamson County Senior Director of Infrastructure
J. Terron Evertson, P.E., Williamson County Engineer
Charlie Crossfield, Sheets & Crossfield, LP
Christen Eschberger, P.E., HNTB
Kate Wilder, P.E., HNTB
Marie Walters, HNTB

Commissioners Court - Regular Session **32.**

Meeting Date: 03/16/2021

2020 Capital Improvement Program Budget Transfer

Submitted By: Tomika Lynce, County Auditor

Department: County Auditor

Agenda Category: Regular Agenda Items

Information

Agenda Item

Discuss, consider and take appropriate action on approving a 2020 Capital Improvement Program budget transfer to move $21,057.76 from P556 (Champion Park Restroom) to P557 (Regional Park Restroom).

Background

This transfer is necessary to make additional funds available for the Regional Park Restroom portion of the construction contract that was approved on 2/23/2021.

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	03/04/2021 01:53 PM
Form Started By: Tomika Lynce		Started On: 03/01/2021 01:40 PM
Final Approval Date: 03/04/2021		

Commissioners Court - Regular Session **33.**

Meeting Date: 03/16/2021

analytics

Submitted For: Rebecca Clemons **Submitted By:** Rebecca Clemons, Human Resources

Department: Human Resources

Agenda Category: Regular Agenda Items

Information

Agenda Item

Discuss and hear presentation from Human Resources about the 6th Edition of the Analytics Guide.

Background

The full guide is attached for the record. We will cover a few new additions and key items during Court.

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

HRguide

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Andrea Schiele	03/09/2021 03:45 PM

Form Started By: Rebecca Clemons Started On: 03/09/2021 03:25 PM

Final Approval Date: 03/09/2021

WILLIAMSON COUNTY HUMAN RESOURCES

EMPLOYEE ANALYTICS GUIDE



SIXTH EDITION

ABOUT THIS GUIDE

The annual *Williamson County Human Resources (HR) Analytics Guide* is provided as a comprehensive tool to assist members of the Commissioners Court and Leadership as we approach a new budget year. It is our hope that the included data and analysis provide a valuable look at where we have been, where we are currently, and where we may go from here.

New selections include data through Fiscal Year 2020 (FY20), unless otherwise noted. Statistical data is as reflected in Oracle, Managers Portal, NeoGov, ServiceNow, external market survey, or verified informational resource. Data is considered accurate as of the date collected. Unless noted otherwise, data comparisons are for full-time (FT), regular Williamson County (WilCo) employees. Comparison municipalities are used due to similar demographics, size, geographical location, and/or salary study market participation.

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18 RISK MANAGEMENT

24 TURNOVER & RETENTION

34 BENEFITS

44 HR HIGHLIGHTS

DEMOGRAPHICS

Williamson County is supported by a dedicated and diverse population of employees. Though constantly changing, the following representation is an overview of the statistical make-up of the employee population. This edition includes an added comparison of the race/ethnicity of employees, applicants, and the local population, as well as an expanded look into the retirement eligibility of the employee population.

WILLIAMSON COUNTY WORKFORCE

Demographic statistics listed below are specific to FY20. Notable deviations from FY19 include a 1% decrease in WilCo residence, Age – 50-59, Years of Service – <1 and 9-12 years, and Gender – Female, as well as a 1% increase in employee representation in the following categories: Gender – Male, City of Residence – Georgetown, Age – 18-29, Years of Service – 5-8 and 13-16 years.

↑ **56%**

GENDER: MALE

↓ **44%**

GENDER: FEMALE

2019 estimates from the U.S. Census Bureau show 49.3% of WilCo residents identify as Male and 50.7% identify as Female

↓ **76%**

COUNTY OF RESIDENCE: WILLIAMSON

↑ **30%**

CITY WITH HIGHEST EMPLOYEE RESIDENCE: GEORGETOWN

43

AVERAGE EMPLOYEE AGE

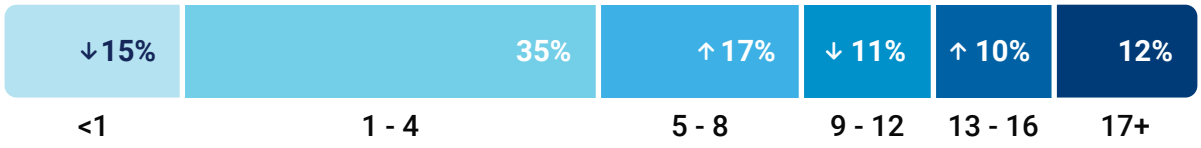
7

AVERAGE YEARS OF SERVICE

AGE DISTRIBUTION

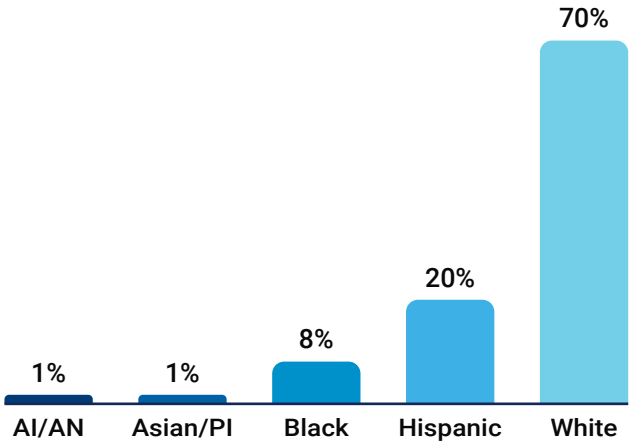


YEARS OF SERVICE DISTRIBUTION



RACE & ETHNICITY

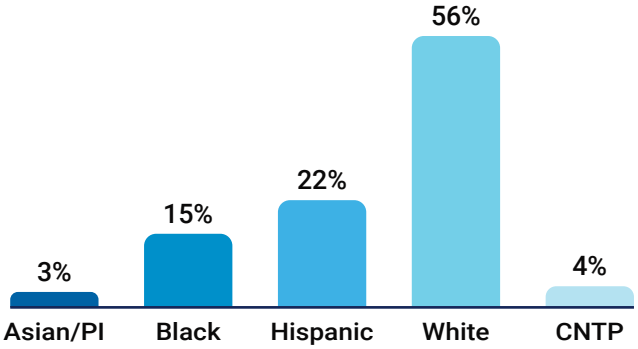
Employees self-identify at time of hire based on the categories established by the U.S. Equal Employment Opportunity Commission. **Less than 1%** of each population included below selected **Native Hawaiian/Other Pacific Islander** as their race/ethnicity. **Abbreviations:** AI/AN- American Indian/Alaskan Native; PI- Pacific Islander; CNTP- Choose Not to Participate.



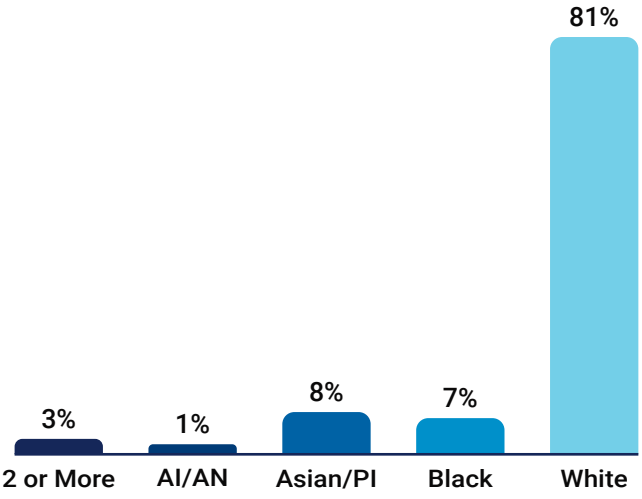
EMPLOYEE RACE/ETHNICITY DISTRIBUTION

Employees who selected "2 Or More" as their race/ethnicity accounted for less than 1% of the employee population; "Choose not to provide" was not selected by any employee

Applicants who selected "American Indian/Alaskan Native" as their race/ethnicity accounted for less than 1% of the applicant population; "2 or More" is not a race/ethnicity option available to applicants



APPLICANT RACE/ETHNICITY DISTRIBUTION

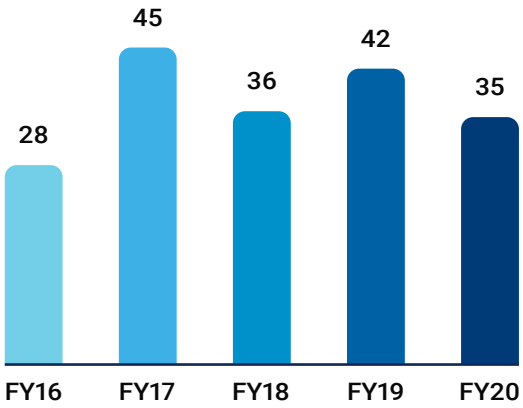


WILCO RESIDENT RACE/ETHNICITY DISTRIBUTION

The U.S. Census Bureau does not include "Hispanic" as a distinct race/ethnicity category; instead Hispanic respondents were instructed to select "Hispanic Origin" in addition to their race/ethnicity. As of 2019, ***24.8%*** *of WilCo residents are estimated to be of* ***Hispanic origin****.*

RETIREMENT & SUCCESSION PLANNING

Knowledge of the workforce is key to planning for the future. Although eligibility for retirement does not necessarily indicate an employee will pursue that avenue, it is important for Leadership to be aware of potential impacts on business continuity. In FY20, the average retirement age dropped by one year.



RETIREMENTS*

*Reason For Leaving listed as Retirement



↓ 59

AVERAGE AGE AT RETIREMENT



18

AVERAGE YEARS OF SERVICE AT RETIREMENT



35 / 2.1%

NUMBER OF EMPLOYEES WHO MEET OUR AVERAGE RETIREMENT STATISTICS

TEXAS COUNTIES & DISTRICTS RETIREMENT SYSTEM (TCDRS) ELIGIBILITY

271 / 16.1%

TCDRS RETIREMENT ELIGIBLE ACTIVE EMPLOYEES

TCDRS eligibility may be based upon service time from other counties or districts. Therefore, a WilCo employee that meets TCDRS retirement eligibility requirements may not be vested with the County

222 / 13.2%

WILCO VESTED TCDRS RETIREMENT ELIGIBLE ACTIVE EMPLOYEES

Includes employees who are TCDRS retirement eligible and have 8 or more years of service with Williamson County

611 / 36.2%

WILCO VESTED ACTIVE EMPLOYEES

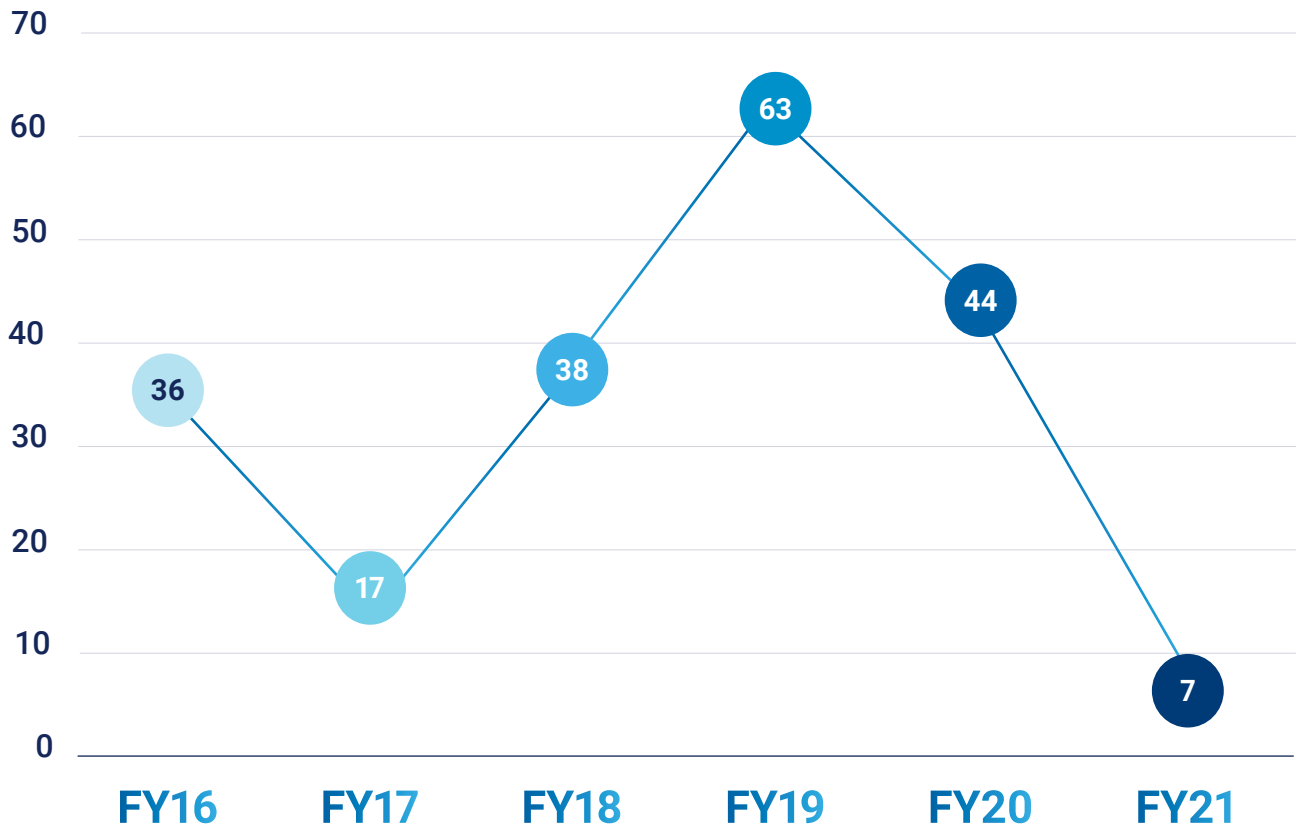
In order to vest, an employee must have 8 or more consecutive years of service with Williamson County. An employee may be vested with the County but not meet TCDRS retirement eligibility requirements

POSITIONS & PAY

As part of the annual budget process, the Williamson County Commissioners Court reviews the need for new positions and/or compensation changes. Compensation changes may include a Cost of Living Adjustment (COLA), merit funding, salary survey result adjustments, reclassifications, pay chart adjustments and/or funding of step increases. The following reflects historical and current actions taken by the Commissioners Court as it relates to positions, merit, and COLA. Market data is included to provide a snapshot of how Williamson County compares from year to year in various compensation categories.

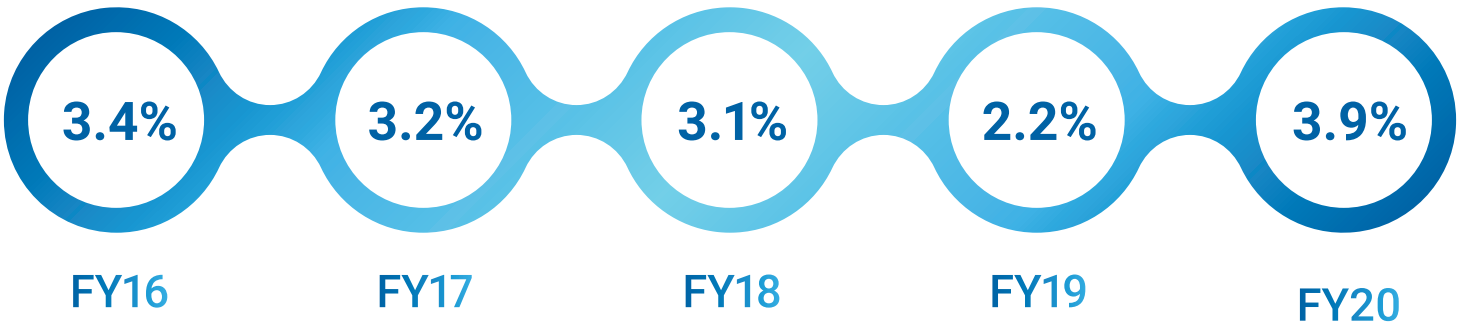
FULL-TIME POSITIONS ADDED

Includes all funding sources, FT positions with funding source changes, part-time (PT) to FT positions, and positions added mid-year from other agencies



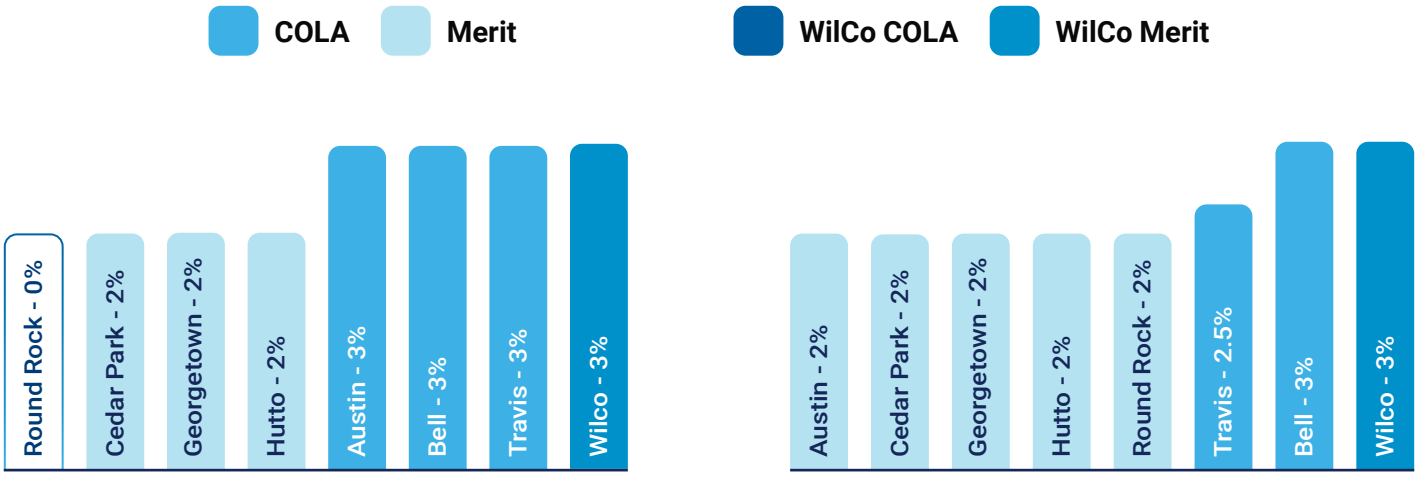
AVERAGE COUNTY EMPLOYEE MERIT ALLOCATION

Does not include monies for lump sum merit or cost of living adjustments (COLA)



ANNUAL COLA/MERIT COMPARISON

Amount shown is as funded by the appropriate city or county authority and is not reflective of individual merit received



WilCo FY21 merit increases were lump-sum only

FY21 ELECTED OFFICIAL INCREASES

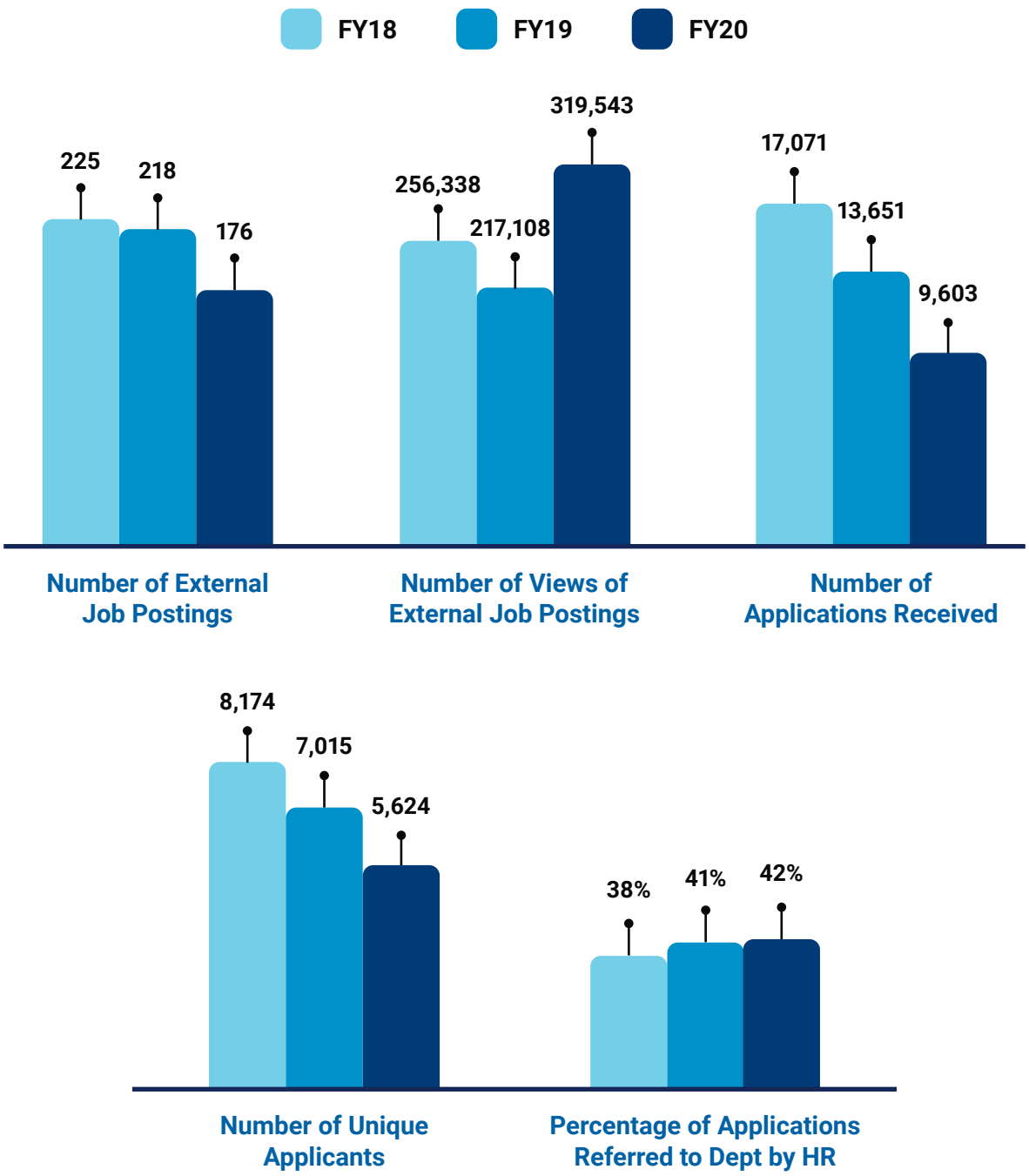
	Bell	Brazoria	Cameron	Fort Bend	Galveston	Lubbock	Montgomery	Nueces	Wilco	Avg %
Commissioners	2.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%
Constables	2.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%
County Attorney	2.0%	0.0%	0.0%	0.0%	N/A*	0.0%	0.0%	0.0%	0.0%	0.3%
County Clerk	2.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%
County Judge	2.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%
District Clerk	2.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%
Justice of the Peace	2.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%
Sheriff	2.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%
Tax Assessor/ Collector	2.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%
Treasurer	2.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	N/A*	0.0%	0.3%

*Galveston County does not have a County Attorney and Nueces County does not have a Treasurer

RECRUITMENT

Recruiting and selecting the right employees is vital to the continued, successful support of our community. As you will see from the following statistics, this is a constant effort carried out every day across many departments and offices. Many factors can impact these statistics, including the types of positions posted, continuous postings versus time-limited, and the level of unemployment. Reviewing newly added data, the number of applications received versus the number of unique applicants has dropped significantly over the last year. The pandemic most certainly had an impact and may account for this drop, however refined job descriptions (developed during the salary study) may also be impacting the number of unique applicants, as requirements are more clearly defined to recruit qualified candidates. For the first time, an overview of applicant demographics has also been included.

JOB POSTINGS & APPLICATIONS



NEW HIRE ORIENTATION ATTENDANCE

400	374	369
FY18	FY19	FY20

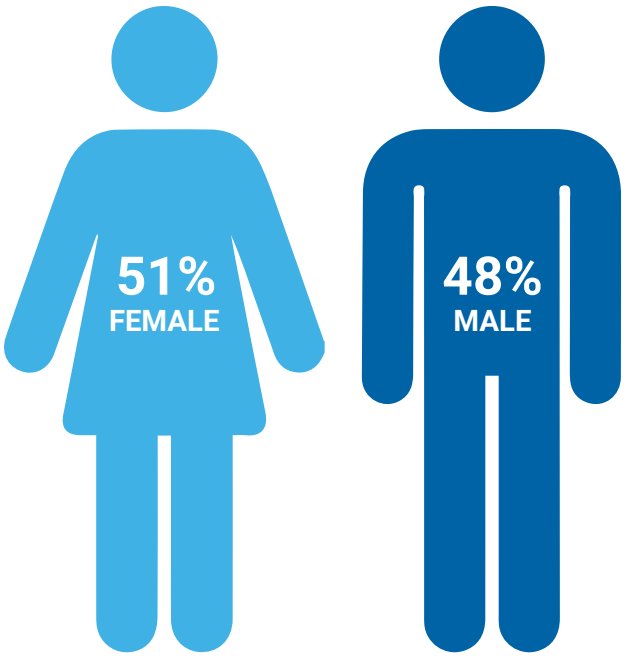
Orientation includes FT, PT, Seasonal, Grant, WCCHD, CAMPO, and Museum employees

FY20 POSITIONS WITH THE MOST APPLICATIONS

- **859** TELECOM/ DISPATCHER
- **571** CORRECTIONAL OFFICER
- **478** DEPUTY SHERIFF
- **413** IT SYSTEM SUPPORT SPECIALIST II
- **372** JUVENILE SUPERVISION OFFICER

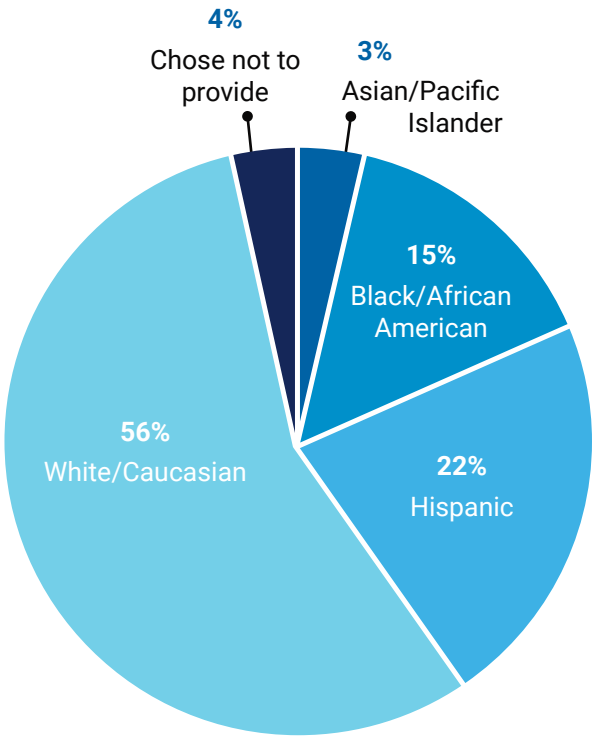
FY20 APPLICANT DEMOGRAPHICS

GENDER



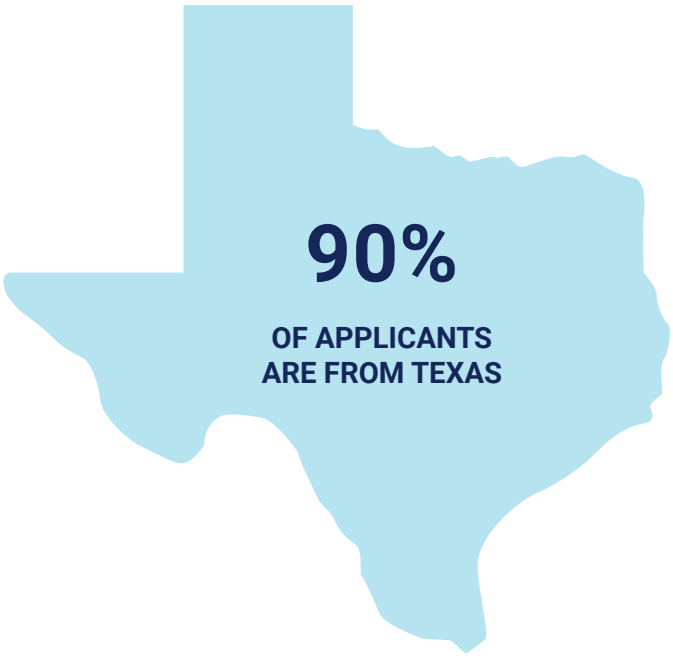
*1% of applicants **chose not to provide** their gender

APPLICANT RACE/ETHNICITY*



***Less than 1%** of applicants identified as either **American Indian/Alaskan Native** or **Native Hawaiian/Other Pacific Islander**

FY20 APPLICANT DEMOGRAPHICS CONTINUED



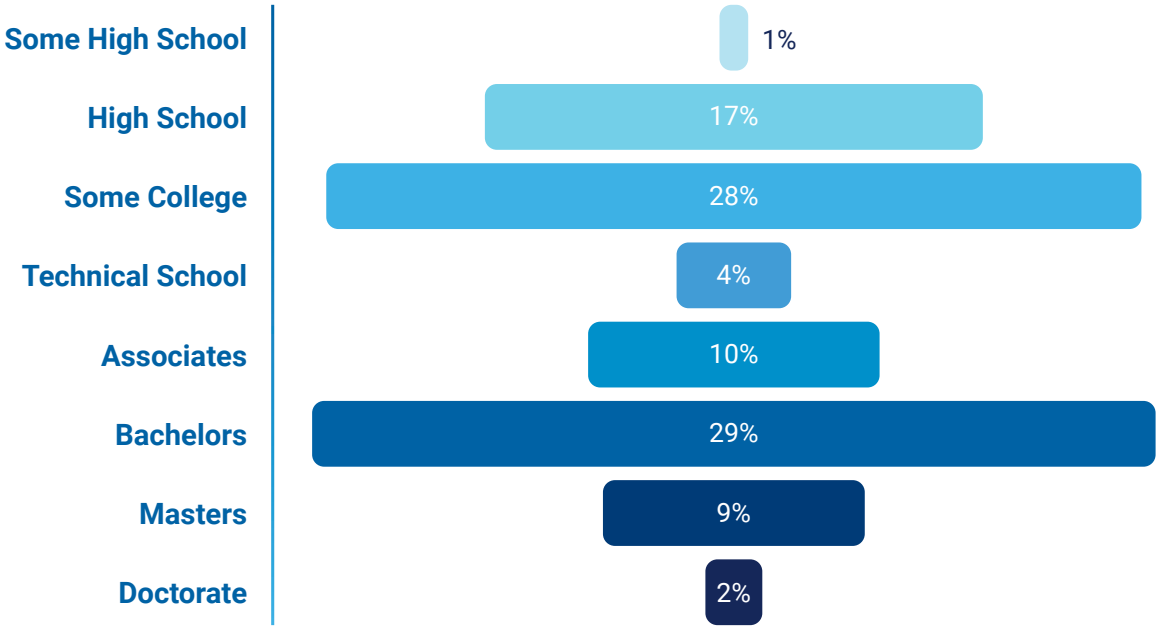
STATE OF RESIDENCE

***10%** of applicants apply from **out of state**

TOP POSITIONS APPLIED FOR BY OUT OF STATE APPLICANTS

1. DEPUTY SHERIFF
2. CORRECTIONS OFFICER
3. TELECOMMUNICATIONS OFFICER
4. DEPUTY DIRECTOR OF EMERGENCY MGMT
5. IT SYSTEM SUPPORT SPECIALIST II

LEVEL OF EDUCATION



SALARY STUDY

On October 31, 2017, the Commissioners Court approved the County Compensation Philosophy and Salary Study process. The current process and policy is as stated in the *Employee Policy Manual*. As originally approved, a comprehensive salary study will be conducted for every position classification at least once every five fiscal years. Some positions may be reviewed more often based on factors including high turnover, recruitment, or market demand. A list of positions to be included in each cycle is reviewed and approved by the Commissioners Court before the cycle of review begins. The following summarizes the scope, findings and outcomes of the cycles that have been completed since the last edition of this guide. A comprehensive summary of all completed cycles has also been included for reference.

CYCLE 3A STATISTICS

Commissioners Court approved all findings from Cycle 3A of the Salary Study

8

NUMBER OF ORGANIZATIONS INCLUDED

CONSTABLE PRECINCTS ONE, TWO, THREE, & FOUR

GEORGETOWN DPS

INFORMATION TECHNOLOGY SYSTEMS

JUVENILE SERVICES

UNIFIED ROAD SYSTEMS

140

TOTAL NUMBER OF POSITIONS CONSIDERED

CONSTABLES OFFICES
12 Positions

GEORGETOWN DPS
1 Position

INFORMATION TECHNOLOGY SYSTEMS
2 Positions

JUVENILE SERVICES
89 Positions

UNIFIED ROAD SYSTEMS
36 Positions

*Georgetown DPS was removed from consideration during the salary study

70

BEGINNING UNIQUE POSITION TITLE COUNT

41

FINAL UNIQUE POSITION TITLE COUNT

136

TOTAL NUMBER OF EMPLOYEES WITH A CHANGE IN TITLE, GRADE, AND/OR INCREASE IN SALARY*

*May include more than one change

CYCLE 3B STATISTICS

Animal Services results pending Board approval; Commissioners Court approved all others from Cycle 3B

8

NUMBER OF ORGANIZATIONS INCLUDED

ANIMAL SERVICES

CORRECTIONS

COUNTY CLERK

DISTRICT CLERK

MAGISTRATE

SHERIFF'S OFFICE

TAX ASSESSOR/COLLECTOR

WILCO PRETRIAL SERVICES

213

TOTAL NUMBER OF POSITIONS CONSIDERED

ANIMAL SERVICES
38 Positions

CORRECTIONS
29 Positions

COUNTY CLERK
44 Positions

DISTRICT CLERK
33 Positions

MAGISTRATE
4 Positions

SHERIFF'S OFFICE
36 Positions

TAX ASSESSOR/COLLECTOR
20 Positions

WILCO PRETRIAL SERVICES
9 Positions

80

BEGINNING UNIQUE POSITION TITLE COUNT

57

FINAL UNIQUE POSITION TITLE COUNT*

*Includes original counts for Animal Services

158

TOTAL NUMBER OF EMPLOYEES WITH A CHANGE IN TITLE, GRADE, AND/OR INCREASE IN SALARY*

*May include more than one change; Animal Services changes still pending approval

COMBINED SALARY STUDY CYCLES 1, 2A, 2B, 3A, & 3B

Please refer to the 4th & 5th ed. Analytics Guides for specific Cycle 1 and 2 statistics, respectively

27

NUMBER OF ORGANIZATIONS REVIEWED

1,334

TOTAL NUMBER OF POSITIONS REVIEWED

328

BEGINNING UNIQUE POSITION TITLE COUNT

1,049

NUMBER OF POSITIONS* WITH ANY CHANGE

*Includes vacant positions; Animal Services Cycle 3B results pending approval

202

FINAL UNIQUE POSITION TITLE COUNT*

*Animal Services Cycle 3B results pending approval

992

TOTAL NUMBER OF EMPLOYEES WITH A CHANGE IN TITLE, GRADE, AND/OR INCREASE IN SALARY*

*May include more than one change; Animal Services Cycle 3B results pending approval

126

TITLES ELIMINATED OVERALL

*Animal Services Cycle 3B results pending approval

RISK MANAGEMENT

The HR Risk team manages claims processing and contract administration for many lines of insurance coverage. Liability lines of coverage include Auto, Law Enforcement, Public Officials, General Liability, and Cyber. Property lines of coverage include Building/Contents, Mobile Equipment, Crime, Gross Earnings and Extra Expense. Worker Compensation claims are managed by HR Workforce Services together with the Risk Coordinator. In partnership with the appropriate parties, the HR Risk team is proactive in exploring more efficient and financially responsible means for managing claims, coverage, and risk awareness. As of October 1, 2020, Williamson County contracted with Travelers Insurance for all lines of coverage, however, statistics also include claims under the previous provider, Texas Association of Counties (TAC).

RISK MANAGEMENT SUMMARY

All data is specific to WilCo insured exposures and is subject to change as claims remain active

VEHICLES

777	775	881
FY19	FY20	FY21

INSURED VEHICLES

94	104	151
FY18	FY19	FY20

VEHICLE INCIDENTS

A severe hail storm resulted in a significant increase to vehicle incidents in FY20. Not all reported incidents financially impact the County.

40	21	19
BAD WEATHER	STRUCK BY VEHICLE	WHILE BACKING

FY20 TOP CAUSES OF VEHICLE INCIDENTS

51	87	13
WILCO/ COUNTY	EXTERNAL ENTITY	NOT DETERMINED

FY20 VEHICLE INCIDENT LIABILITY

Liability indicates which party was responsible for paying the claim; it does not indicate fault, nor whether the incident was preventable

PROPERTY

STRUCTURES

181	200	248
FY19	FY20	FY21

LOCATIONS

98	96	104
FY19	FY20	FY21

INSURED PROPERTIES

11	5	12
FY18	FY19	FY20

PROPERTY INCIDENTS

Not all reported incidents financially impact the County

MOBILE EQUIPMENT

1	2	6
FY18	FY19	FY20

MOBILE EQUIPMENT INCIDENTS

Not all reported incidents financially impact the County

RISK MANAGEMENT SUMMARY CONTINUED

All data is specific to WilCo insured exposures and is subject to change as claims remain active

DAMAGES & DEDUCTIBLES

↑ $715,422
AUTO

↑ $289,026
PROPERTY

↑ $558
MOBILE EQUIPMENT

FY20 TOTAL APPRAISED DAMAGES

Includes appraised damages to County vehicles and property, as well as the non-County entity (if applicable)

↑ $122,000
AUTO PHYSICAL

↑ $25,000
PROPERTY

FY20 DEDUCTIBLES PAID

Auto Liability claims no longer have a deductible; mobile equipment claims did not meet threshold for deductible

SUBROGATION

Subrogation is the process of recovering damages from a liable party. WilCo HR Risk subrogates claims when damages are below deductible and not handled by the insurance carrier.

5
AUTO

2
PROPERTY

FY20 NUMBER OF CLAIMS SUBROGATED BY HR RISK

No mobile equipment claims were subrogated by WilCo HR Risk

$4,217
AUTO

$17,069
PROPERTY

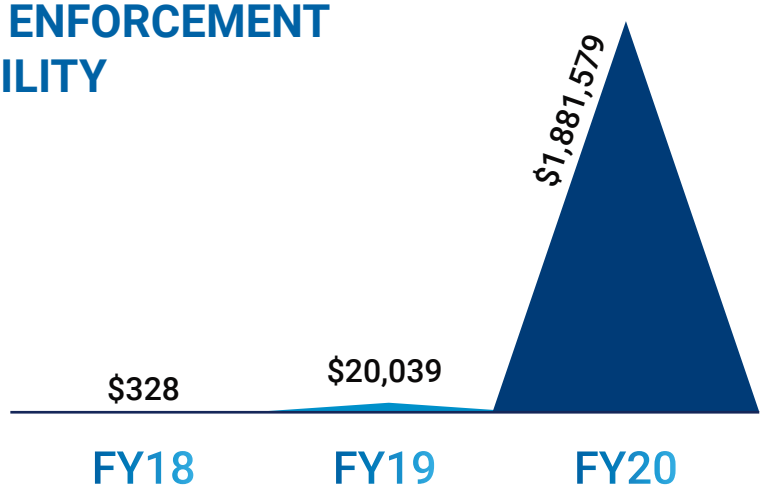
FY20 SUBROGATION RECOVERY BY HR RISK

No mobile equipment claims were subrogated by WilCo HR Risk

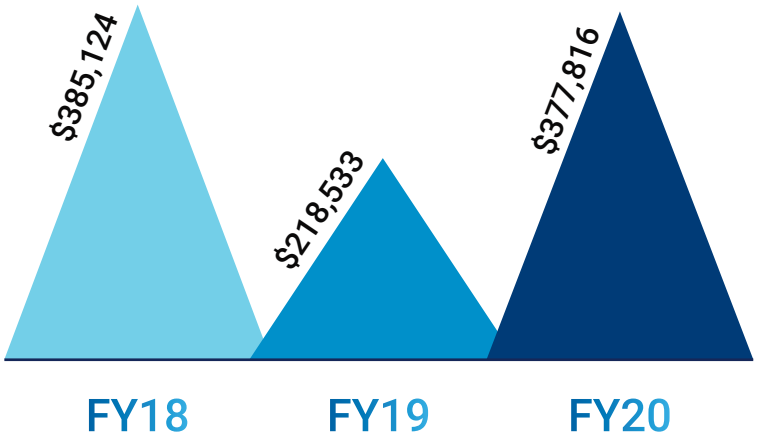
TOTAL INCURRED LIABILITY LINE COSTS

As of November 30, 2020 for injuries reported within each fiscal year. Subject to change as claims remain active.

LAW ENFORCEMENT LIABILITY

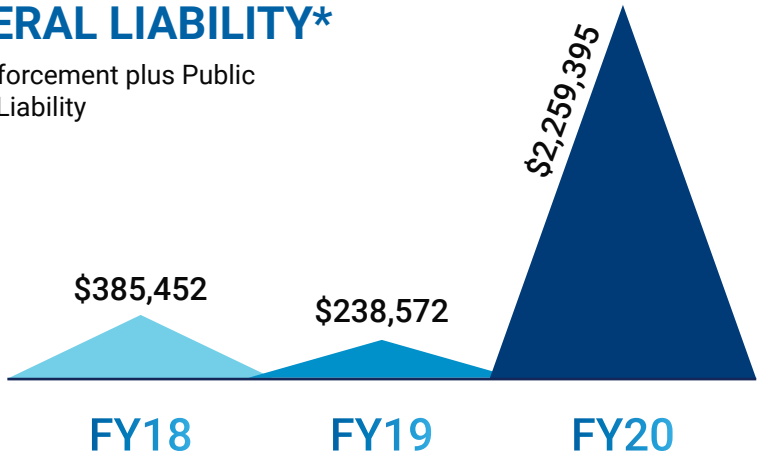


PUBLIC OFFICIAL LIABILITY

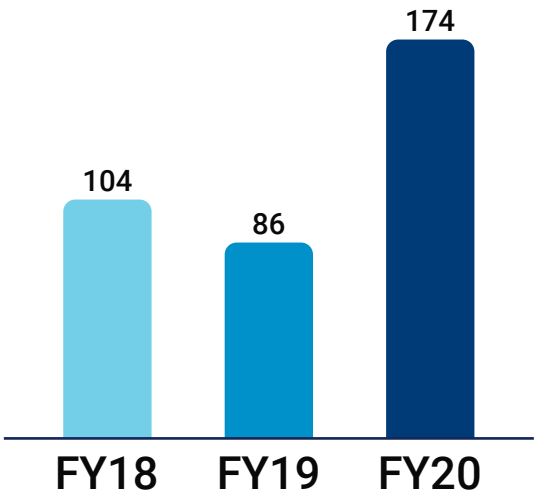


GENERAL LIABILITY*

*Law Enforcement plus Public Official Liability



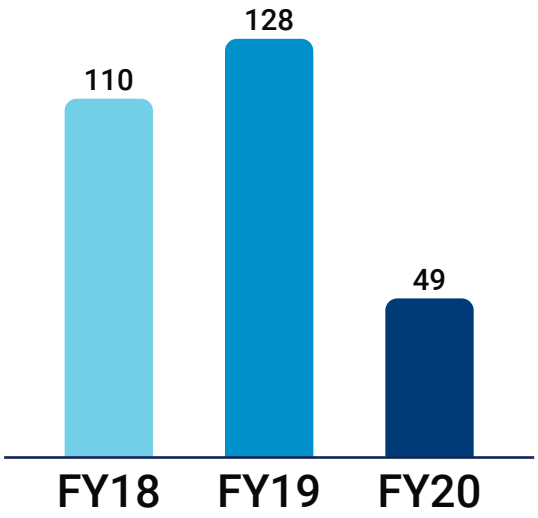
WORKERS COMPENSATION



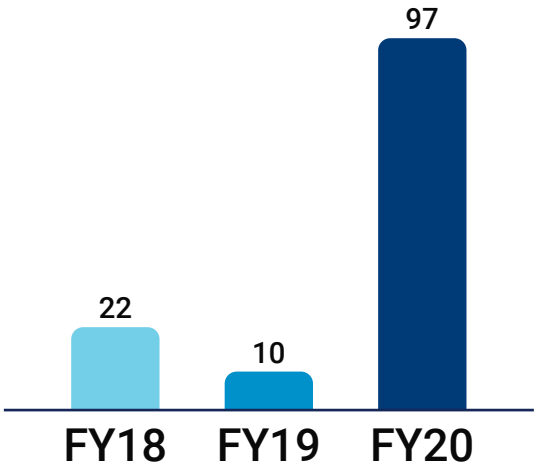
REPORT ONLY

Report only claims involve no professional medical treatment, no time off and no follow-up. These incidents are reported in case the injury progresses. This also preserves the reporting requirement deadlines and incident details. If an injury requires no medical treatment or lost time, it has no impact on the County experience rating.

Medical claims involve professional medical attention, but no time lost from work beyond the state mandated waiting period, and do not include any permanency of injury.



MEDICAL ONLY

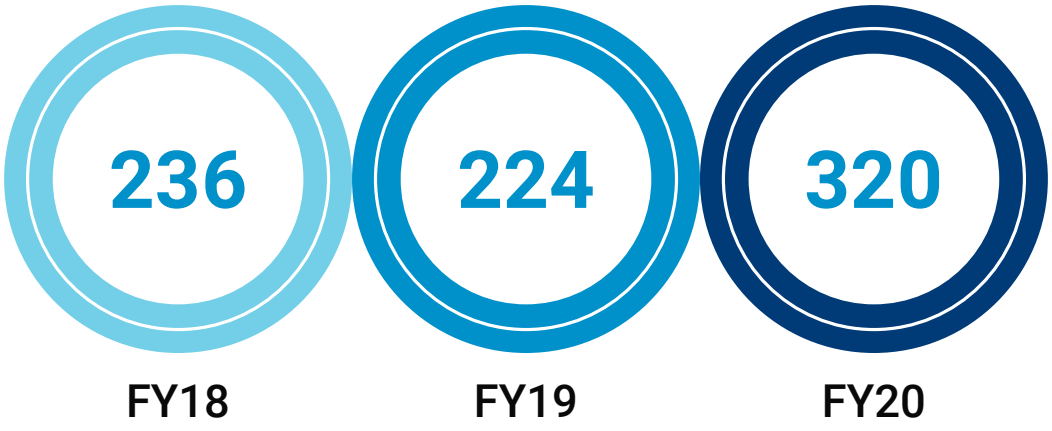


INDEMNITY

Indemnity claims arise when an employee becomes injured on the job and exhausts the time lost waiting period. This includes medical treatment and temporary income benefits for the time specified according to the type of injury and recovery.

REPORTED INJURIES

Includes covered volunteers and jurors



FY20 MOST COMMONLY REPORTED INJURIES

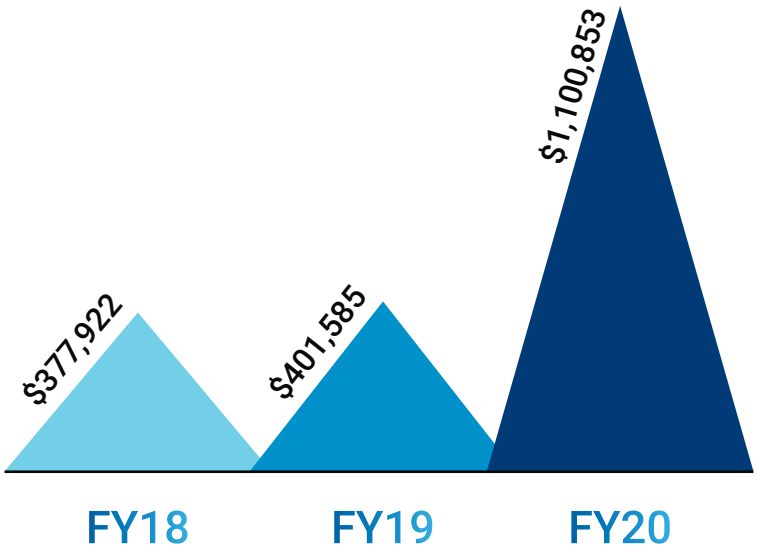
42
MISC CASES- ANIMAL OR INSECT

39
PANDEMIC

25
STRUCK OR INJURED BY ANOTHER PERSON

TOTAL INCURRED WORKERS COMPENSATION COST

Dollars paid by insurance carrier as of November 30, 2020 for injuries reported within each fiscal year. Costs include indemnity, medical, legal, subrogation, and additional expenses.



TURNOVER & RETENTION

Unfortunately, turnover is a reality for any organization and WilCo is no exception. In addition to first year and FY20 turnover statistics, this year the following illustrations also provide an overview of the County's retention rates for the last three fiscal years; as well as turnover for several positions impacted by the first cycle of the salary study. County organizations vary in size; therefore, turnover has been broken into groups to better reflect statistics for like-sized organizations. As a reminder, this data is not meant to highlight any specific area or issues but is, instead, provided as an opportunity for leadership to review potential areas for improvement. Retention and turnover may be attributed to various circumstances and it is the goal of Human Resources to continue to work with departments/offices, as requested, to identify potential solutions.

THE FIRST YEAR

Lost productivity, burden to staff, negative impact on morale, recruiting expenses, and increased training time all add to the cost of turnover. This is one reason retention of first year employees is critical to each department or office, as well as the County as a whole. There are many reasons why an employee may not make it past the first year (i.e., skill set, lack of training, unfulfilled expectations, disciplinary issues, etc.). Human Resources is available to work with managers to review patterns and suggest potential solutions to better retain these first year employees and build them into long term contributors. Below is a look back over the past three fiscal years for every department/office that lost an employee in the first year.

Department/Office	FY18			FY19			FY20		
	Vol	Invol	Other	Vol	Invol	Other	Vol	Invol	Other
911 Communications	10	1	0	5	4	0	4	8	0
Animal Services	3	1	0	6	1	0	4	0	0
Building Maintenance	2	1	0	0	1	0	1	1	0
Constables Pct 1	0	0	0	0	1	0	0	2	0
Corrections	22	7	0	8	1	0	10	2	0
County Attorney	1	0	0	1	1	0	3	1	0
County Auditor	0	0	0	0	1	0	0	0	0
County Clerk	1	0	0	1	1	0	0	0	0
County Court at Law #2	0	0	0	0	1	0	0	0	0
District Attorney	0	0	0	0	0	0	1	0	0
District Clerk	2	2	0	1	1	0	0	0	0
Emergency Management	1	0	0	0	0	0	0	0	0
Emergency Medical Services	0	1	0	0	0	0	0	1	0
Extension Service	0	0	0	1	0	0	0	0	0
HazMat	1	0	0	0	0	0	0	0	0
Human Resources	0	0	0	0	1	0	0	1	0
Information Systems	0	0	0	0	1	0	1	0	0
Justice of the Peace Pct 1	0	0	0	0	1	0	2	0	0
Justice of the Peace Pct 3	0	1	0	0	0	0	0	0	1
Justice of the Peace Pct 4	0	0	0	0	0	0	1	0	0
Juvenile Services	13	2	0	10	0	0	14	2	0
Magistrate Office	3	1	1	1	0	0	0	0	0
Mobile Outreach Team	0	0	0	0	0	0	1	0	0
On-Site Sewage Facilities	1	0	0	0	0	0	0	0	0
Parks	3	0	0	0	0	0	5	0	0
Personal Bond Office	1	1	0	0	0	0	0	0	0
Purchasing	1	0	0	1	0	0	0	0	0
Sheriff's Office	3	1	0	7	1	0	2	1	0
Tax Assessor/Collector	2	2	0	4	0	0	1	0	0
Unified Road Systems	5	0	0	8	0	0	5	0	0
Veteran Services	0	0	0	1	0	1	1	0	0
	75	21	1	55	17	1	56	19	1

RATE OF RETENTION - ALL EMPLOYEES

Below is a look at retention rates as a whole (beyond the first year) for the past three fiscal years. Retention rates reflect the percentage of all employees that continued employment throughout a fiscal year. Departments and offices not listed had a 100% retention rate during this period. Starting and final employee counts may vary due to the timing of position start and termination.

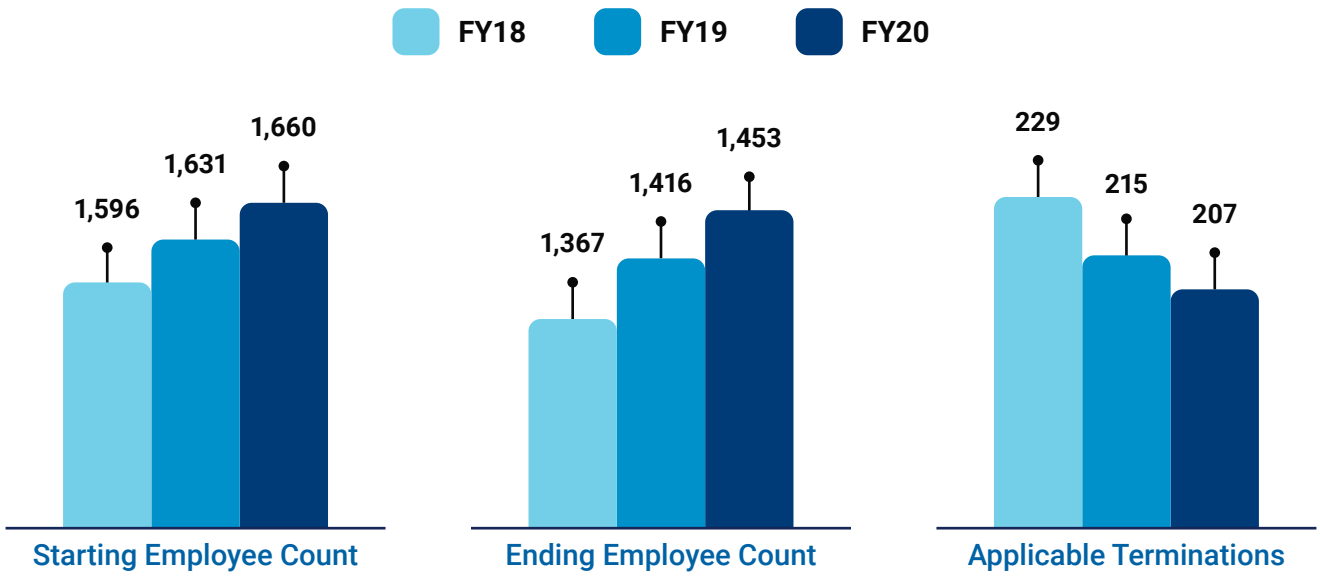
Department/Office	FY18			FY19			FY20		
	Start	Final	Rate	Start	Final	Rate	Start	Final	Rate
911 Communications	64	43	67.2%	55	45	81.8%	59	39	66.1%
Animal Services	19	14	73.7%	25	17	68.0%	30	21	70.0%
Benefits	3	2	66.7%	3	3	100%	3	3	100%
Budget Office	2	2	100%	3	3	100%	3	2	66.7%
Building Maintenance	26	20	76.9%	26	24	92.3%	29	27	93.1%
Commissioner Pct 4	3	3	100%	3	0	0.0%	3	3	100%
Constable Pct 1	12	12	100%	13	11	84.6%	13	11	84.6%
Constable Pct 2	12	11	91.7%	13	13	100%	13	11	84.6%
Constable Pct 3	14	13	92.9%	15	15	100%	15	13	86.7%
Constable Pct 4	13	13	100%	13	11	84.6%	13	13	100%
Corrections	298	248	83.2%	307	256	83.4%	303	256	84.5%
County Attorney	53	35	66.0%	55	44	80.0%	53	39	73.6%
County Auditor	29	26	89.7%	28	25	89.3%	28	24	85.7%
County Clerk	42	35	83.3%	42	37	88.1%	42	38	90.5%
County Court at Law 1	4	3	75.0%	4	3	75.0%	4	3	75.0%
County Court at Law 3	4	4	100%	4	3	75.0%	4	4	100%
County Judge	8	7	87.5%	N/A*	N/A*	N/A*	5	5	100%
County Treasurer	5	4	80.0%	5	4	80.0%	5	4	80.0%
District Attorney	36	36	100%	38	35	92.1%	42	39	92.9%
District Clerk	28	23	82.1%	30	28	93.3%	33	32	97.0%
Elections	9	8	88.9%	12	10	83.3%	12	10	83.3%
Emergency Management	4	4	100%	4	3	75.0%	3	3	100%
Emergency Medical Services	141	128	90.8%	141	137	97.2%	141	131	92.9%
Emergency Services	3	2	66.7%	3	2	66.7%	2	1	50.0%
Extension Services	3	2	66.7%	2	2	100%	3	1	33.3%
Fleet Services	17	17	100%	17	16	94.1%	16	15	93.8%
Georgetown DPS	2	2	100%	2	1	50.0%	1	1	100%
HazMat	2	2	100%	4	3	75.0%	4	2	50.0%
Human Resources	11	9	81.8%	10	8	80.0%	12	10	83.3%
Information Systems	40	39	97.5%	43	40	93.0%	47	43	91.5%

*New department created, so position movement due to transferring funds to a newly created budget code

Department/Office	FY18			FY19			FY20		
	Start	Final	Rate	Start	Final	Rate	Start	Final	Rate
Justice of the Peace Pct 1	10	7	70.0%	9	4	44.4%	10	7	70.0%
Justice of the Peace Pct 2	10	8	80.0%	11	10	90.9%	12	12	100%
Justice of the Peace Pct 3	16	15	93.8%	16	10	62.5%	14	13	92.9%
Justice of the Peace Pct 4	13	11	84.6%	11	5	45.5%	13	12	92.3%
Juvenile Services	157	124	79.0%	161	120	74.5%	147	114	77.6%
Magistrate Office	10	7	70.0%	8	6	75.0%	N/A*	N/A*	N/A*
Mobile Outreach Team	12	9	75.0%	10	9	90.0%	11	9	81.8%
Parks	22	17	77.3%	23	20	87.0%	25	19	76.0%
Personal Bond Office	3	1	33.3%	3	3	100%	N/A*	N/A*	N/A*
Purchasing	8	7	87.5%	10	7	70.0%	10	9	90.0%
Sheriff's Office	210	190	90.5%	217	198	91.2%	224	198	88.4%
Tax Assessor/Collector	50	45	90.0%	53	48	90.6%	54	52	96.3%
Unified Road Systems	126	106	84.1%	120	105	87.5%	127	115	90.6%
Veteran Services	5	5	100%	5	3	60.0%	6	5	83.3%
Wireless Communications/RCS	5	4	80.0%	5	2	40.0%	6	4	66.7%

*New department created, so position movement due to transferring funds to a newly created budget code

COUNTY-WIDE RETENTION STATISTICS



ANNUAL RETENTION RATES

85.7%	86.8%	87.5%
FY18	FY19	FY20

Retention rates reflect the percentage of employees continuing employment throughout a fiscal year

FY20 TURNOVER IN DEPARTMENTS/OFFICES WITH 10 OR FEWER EMPLOYEES

All departments/offices are listed for turnover occurring October 1, 2019 - September 30, 2020, as reported in Oracle.
Turnover data is for full-time employees only; reason for leaving includes voluntary, involuntary, retirement, and other.
Transfers are to a different department/office within Williamson County.
Data may be impacted by organizational changes and/or the introduction of new department heads/elected officials/appointed officials.

Department/Office	Average Employee Count	Turnover	Transfers
All District Courts	2	1	0
Budget Office	3	1	0
County Court at Law 1	4	1	0
County Treasurer	5	0	1
Emergency Service	4	0	1
Extension Services	2	0	2
HazMat	4	2	0
Justice of the Peace 1	9	4	0
Magistrate Office	5	0	8
Purchasing	10	1	0
Veteran Services	6	1	0
Wireless Communications/RCS	7	0	2
	61	↓11	↑14

FY20 TURNOVER IN DEPARTMENTS/OFFICES WITH 11 TO 25 EMPLOYEES

All departments/offices are listed for turnover occurring October 1, 2019 - September 30, 2020, as reported in Oracle.
Turnover data is for full-time employees only; reason for leaving includes voluntary, involuntary, retirement, and other.
Transfers are to a different department/office within Williamson County.
Data may be impacted by organizational changes and/or the introduction of new department heads/elected officials/appointed officials.

Department/Office	Average Employee Count	Turnover	Transfers
Constable Pct 1	12	3	0
Constable Pct 2	13	0	2
Constable Pct 3	14	2	0
Elections	12	2	0
Fleet	16	0	1
Human Resources	12	3	0
Justice of the Peace 3	17	2	0
Justice of the Peace 4	13	1	0
Mobile Outreach Team	11	3	0
Parks	26	10	1
	146	**↑ 26**	**↓ 4**

FY20 TURNOVER IN DEPARTMENTS/OFFICES WITH 26 TO 100 EMPLOYEES

All departments/offices are listed for turnover occurring October 1, 2019 - September 30, 2020, as reported in Oracle.
Turnover data is for full-time employees only; reason for leaving includes voluntary, involuntary, retirement, and other.
Transfers are to a different department/office within Williamson County.
Data may be impacted by organizational changes and/or the introduction of new department heads/elected officials/appointed officials.

Department/Office	Average Employee Count	Turnover	Transfers
911 Communications	61	29	0
Animal Services	30	9	2
Building Maintenance	31	4	0
County Attorney	54	16	0
County Auditor	28	4	0
County Clerk	43	3	1
District Attorney	42	3	0
District Clerk	33	1	0
Information Systems	49	5	0
Tax Assessor/Collector	56	3	0
	427	↑ 77	↓ 3

FY20 TURNOVER IN DEPARTMENTS/OFFICES WITH MORE THAN 100 EMPLOYEES

All departments/offices are listed for turnover occurring October 1, 2019 - September 30, 2020, as reported in Oracle. Turnover data is for full-time employees only; reason for leaving includes voluntary, involuntary, retirement, and other. Transfers are to a different department/office within Williamson County.
Data may be impacted by organizational changes and/or the introduction of new department heads/elected officials/appointed officials.

Department/Office	Average Employee Count	Turnover	Transfers
Corrections	307	50	2
Emergency Medical Services	145	11	1
Juvenile Services	146	40	1
Sheriff's Office	225	28	2
Unified Road Systems	132	13	1
	955	↓142	↑7

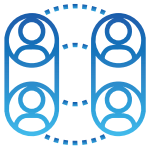
FY20 COUNTY-WIDE TURNOVER STATISTICS



↑ 1687
TOTAL AVERAGE EMPLOYEE COUNT



↓ 256
TOTAL TURNOVER



28
TOTAL TRANSFERS



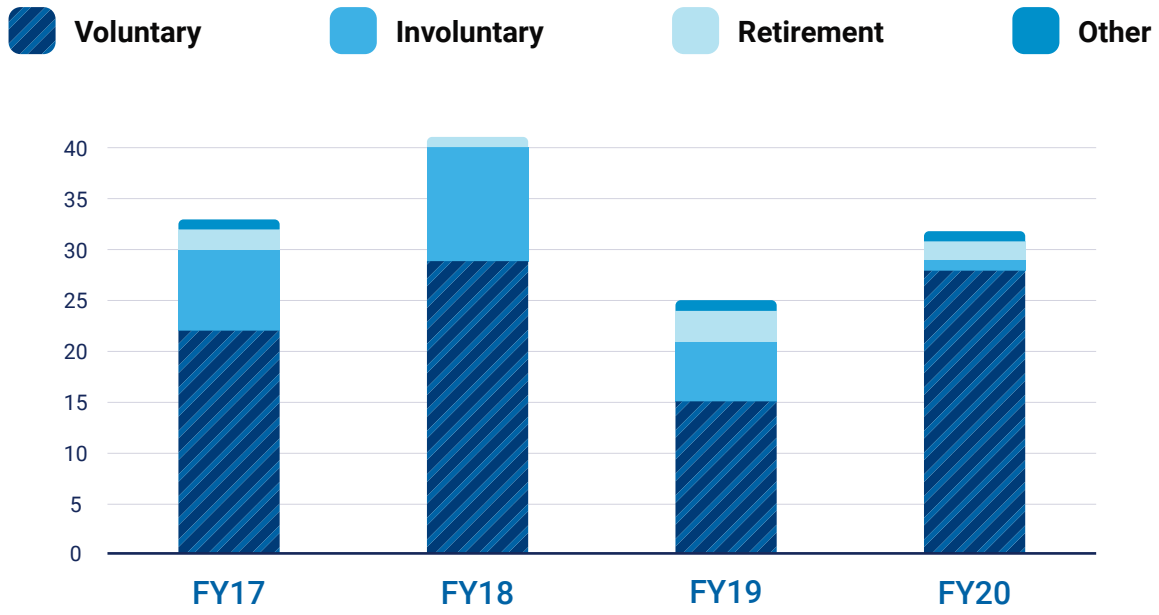
↓ 15.2%
TURNOVER RATE



↓ 16.8%
TURNOVER RATE WITH TRANSFERS

SALARY STUDY CYCLE 1 POSITION TURNOVER CORRECTIONS OFFICERS

Salary Study Cycle 1 position changes went into effect October 1, 2018



TURNOVER BY LEAVING REASON

PRE-SALARY STUDY (FY17 & FY18)

74
TOTAL TURNOVER

21%
TURNOVER RATE

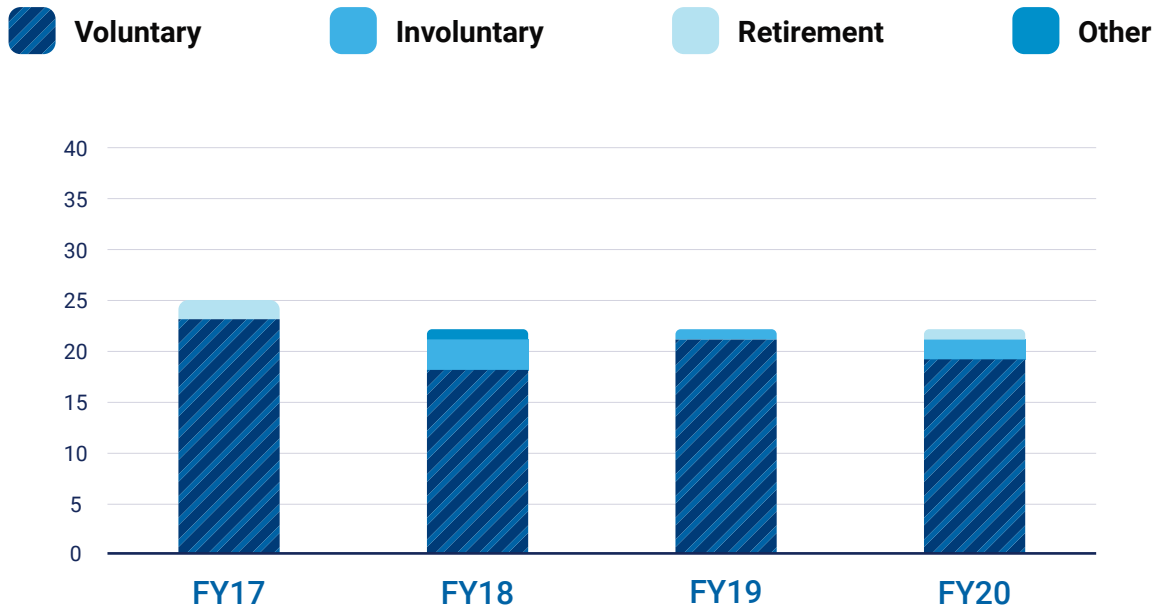
POST-SALARY STUDY (FY19 & FY20)

57
TOTAL TURNOVER

15.2%
TURNOVER RATE

SALARY STUDY CYCLE 1 POSITION TURNOVER JUVENILE SUPERVISION OFFICERS (I & II)

Salary Study Cycle 1 position changes went into effect October 1, 2018



TURNOVER BY LEAVING REASON

PRE-SALARY STUDY (FY17 & FY18)

47
TOTAL TURNOVER

32.2%
TURNOVER RATE

POST-SALARY STUDY (FY19 & FY20)

44
TOTAL TURNOVER

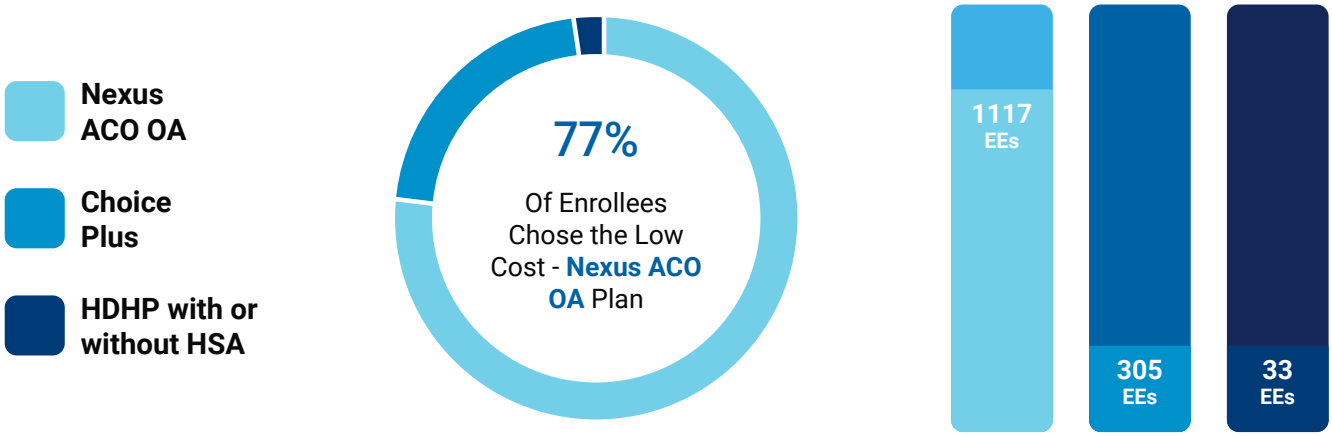
33.3%
TURNOVER RATE

BENEFITS

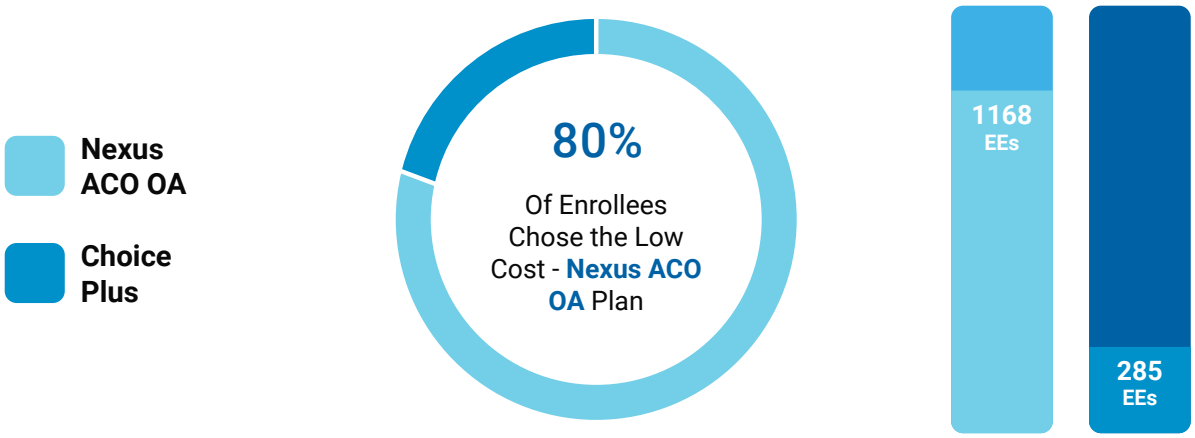
The employee total compensation package consists of salary and benefits. Williamson County provides well-rounded benefits offerings to eligible employees and their families, but how to do we compare? The following data is provided to allow a review of where we stand in relation to neighboring municipalities (please note that the market selected includes only local government entities that would incur similar market costs for healthcare). This information is based on current plan year rates and costs. Plan comparisons are for those plans with the closest match in plan design to the County's most utilized plan. For the 2021 plan year, employees were offered a High Deductible Health Plan (HDHP) with a Health Savings Account (HSA) employer contribution option. Also included this year is a utilization overview of the County-provided Employee Assistance Plan (EAP) that has played an important role in the lives of many of our employees and their loved ones.

CALENDAR YEAR (CY)
EMPLOYEE ENROLLMENT COMPARISON

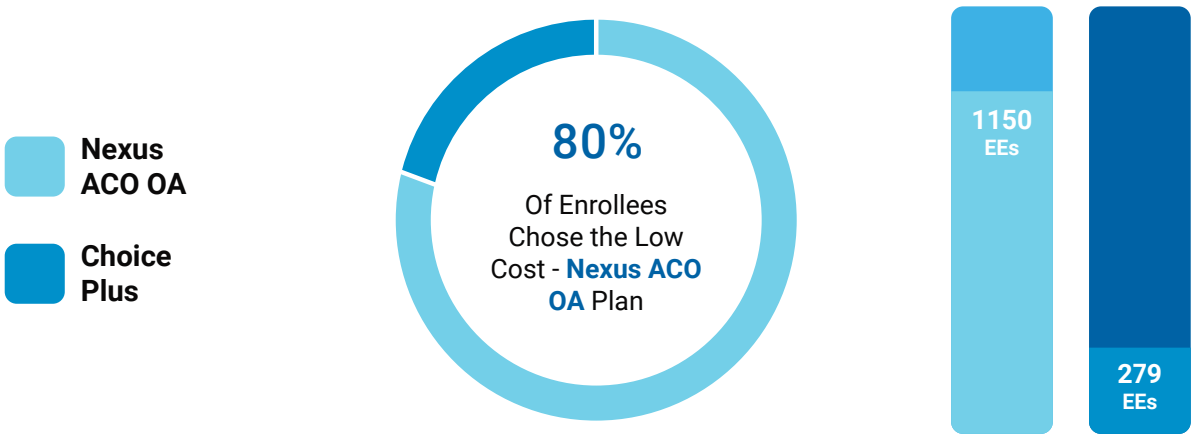
2021



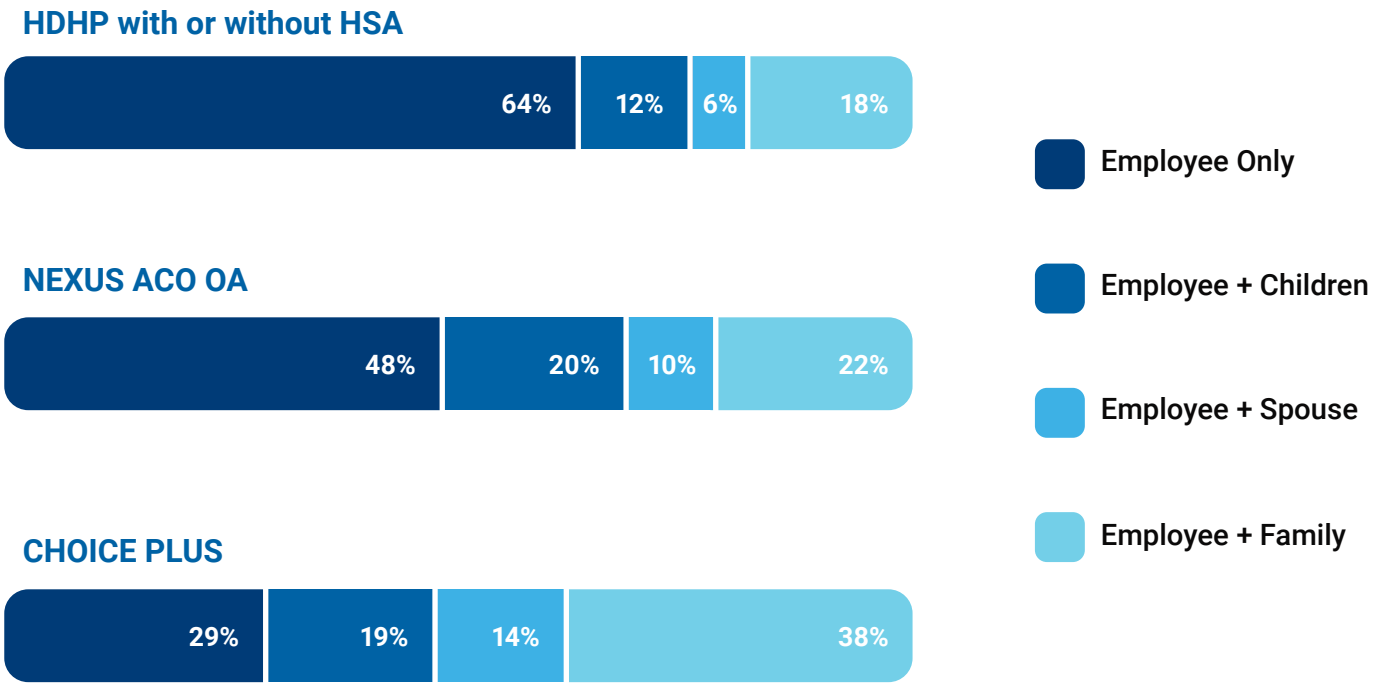
2020



2019

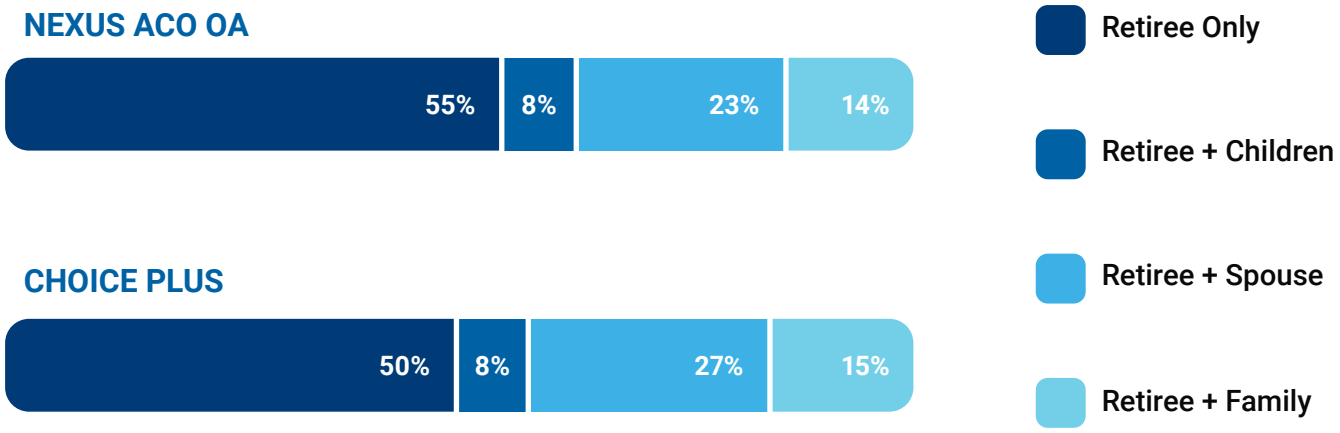


CY21 EMPLOYEE HEALTH PLAN TIER COVERAGE OVERVIEW



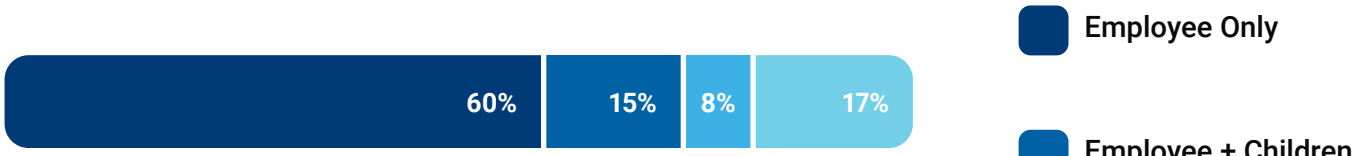
CY21 RETIREE HEALTH PLAN TIER COVERAGE OVERVIEW

The high deductible health plan (HDHP) with Health Savings Account (HSA) option is only available to active employees; qualified retirees may still select between the Nexus ACO OA and Choice Plus plans

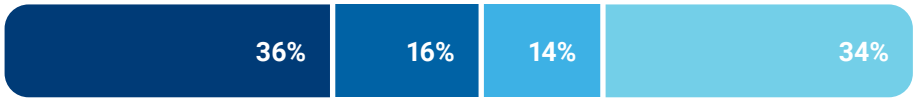


CY21 EMPLOYEE DENTAL TIER COVERAGE OVERVIEW

LOW PLAN



HIGH PLAN



CY21 RETIREE DENTAL TIER COVERAGE OVERVIEW

LOW PLAN



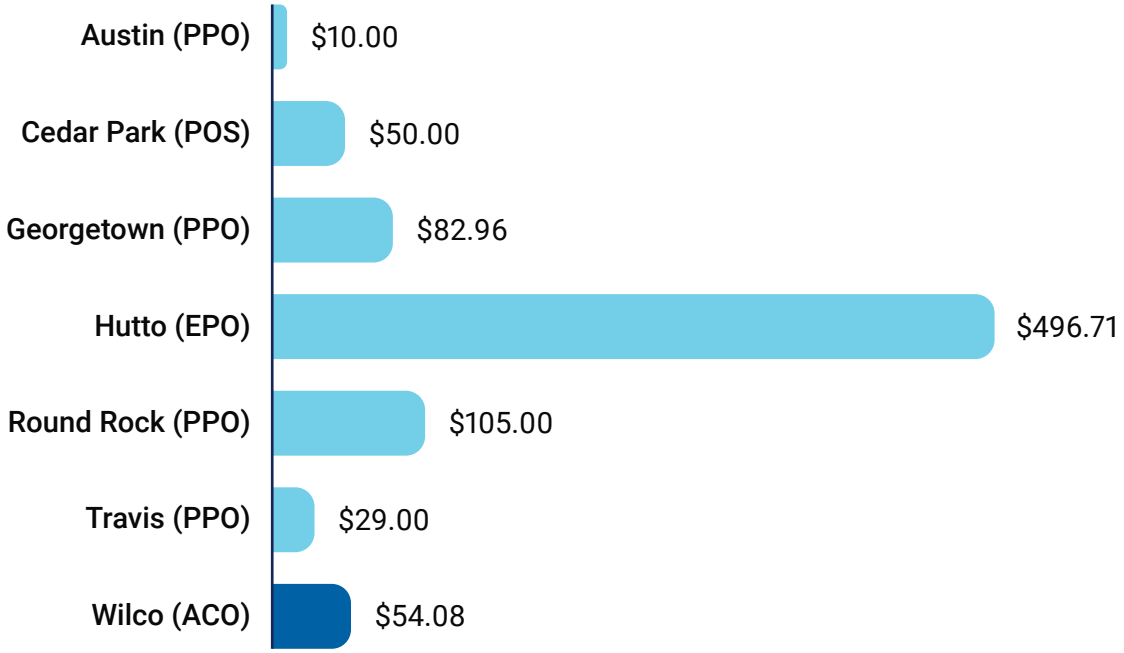
HIGH PLAN



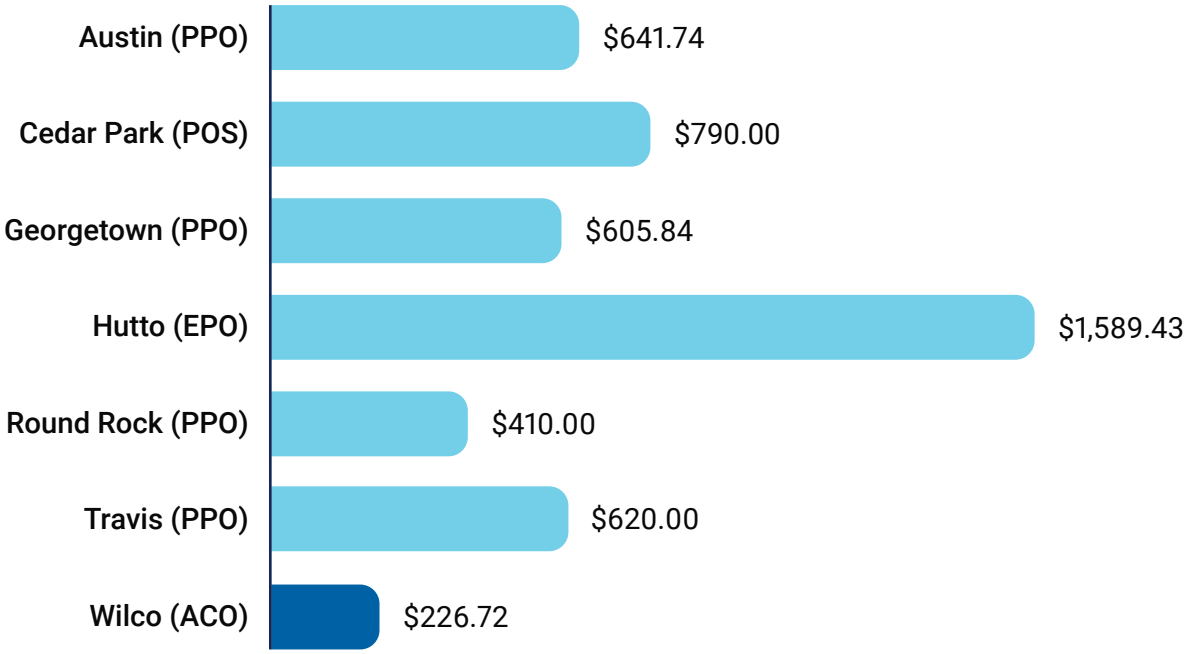
CY 2021
ANNUAL BENEFIT COSTS

Data is based on comparable plan types

SINGLE PREMIUM PER MONTH



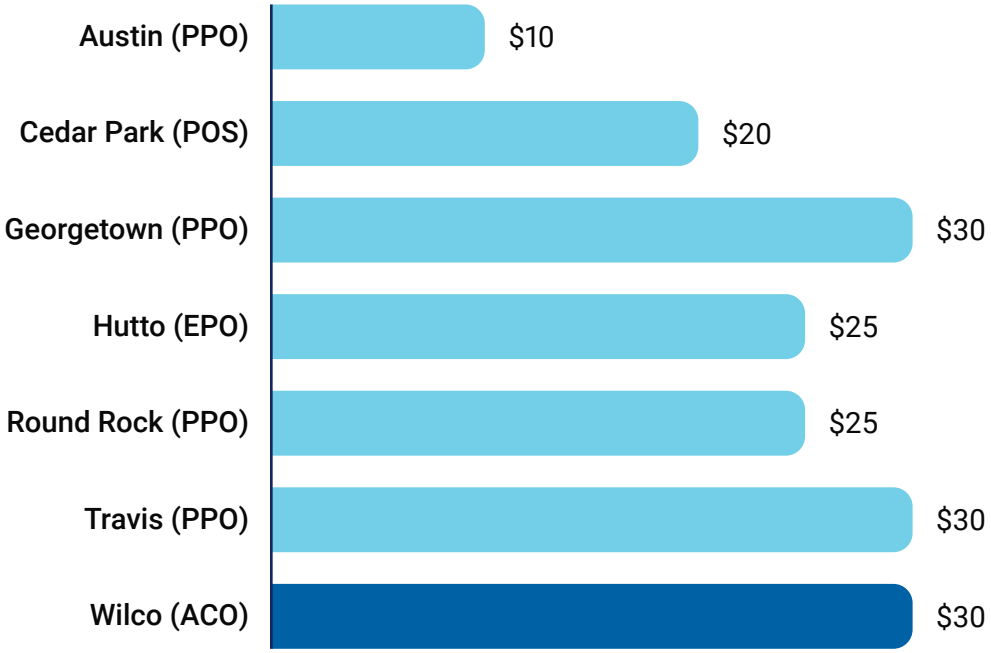
FAMILY PREMIUM PER MONTH



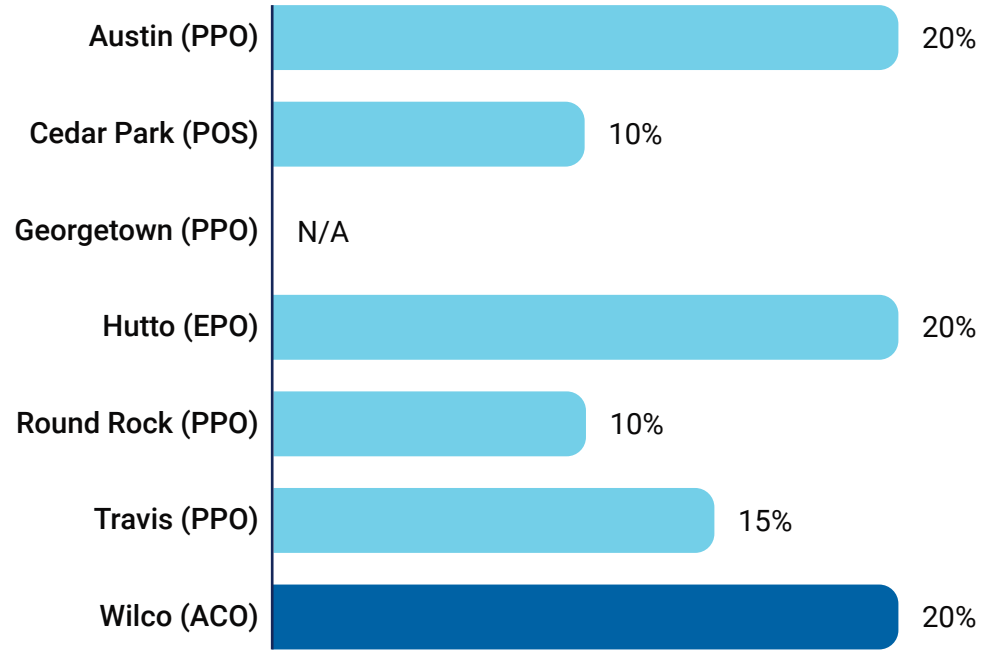
CY 2021
ANNUAL BENEFIT COSTS

Data is based on comparable plan types

CO-PAY PHYSICIAN



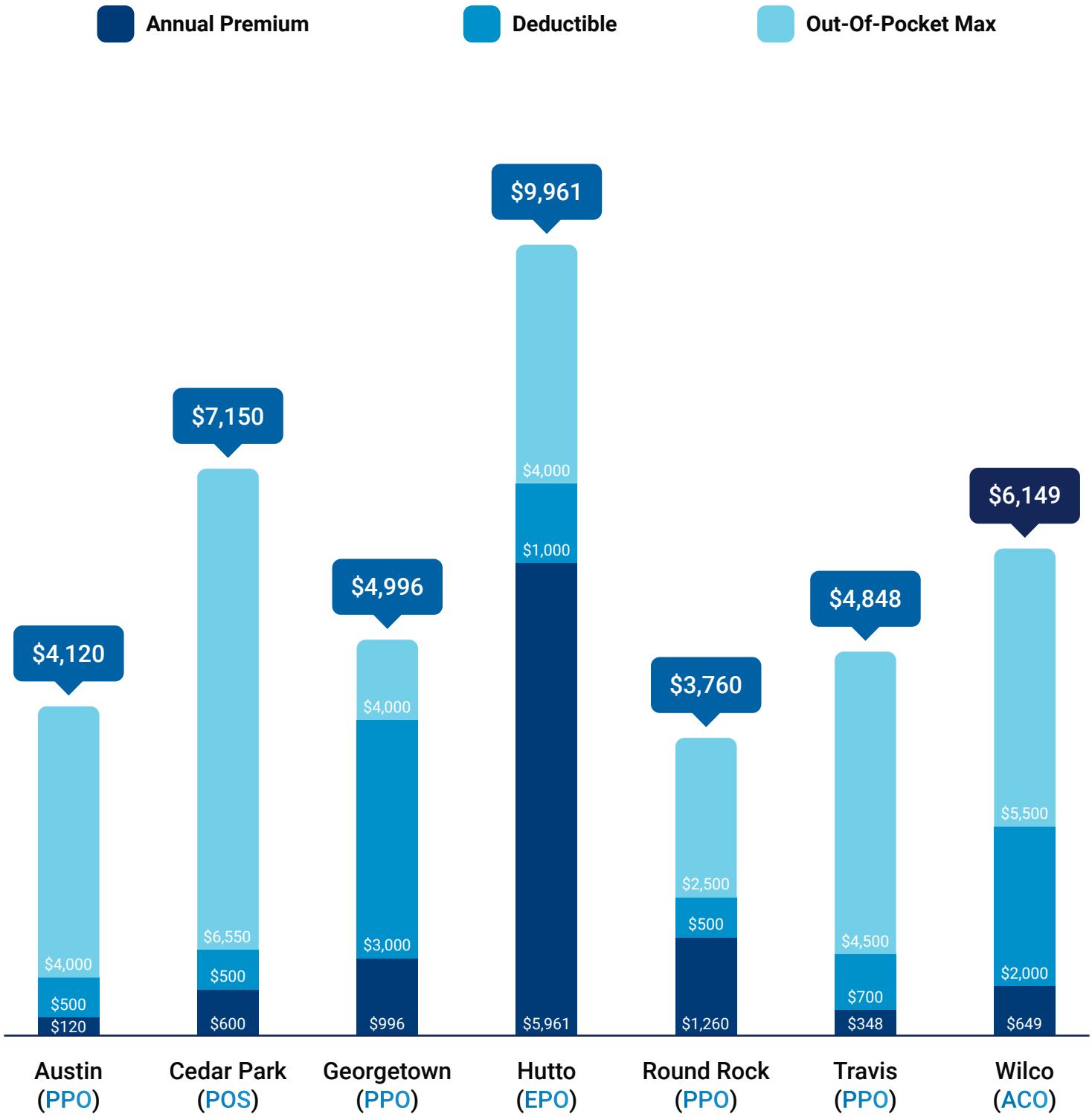
CO-INSURANCE



CY 2021 SINGLE
TOTAL POTENTIAL OUT-OF-POCKET COST

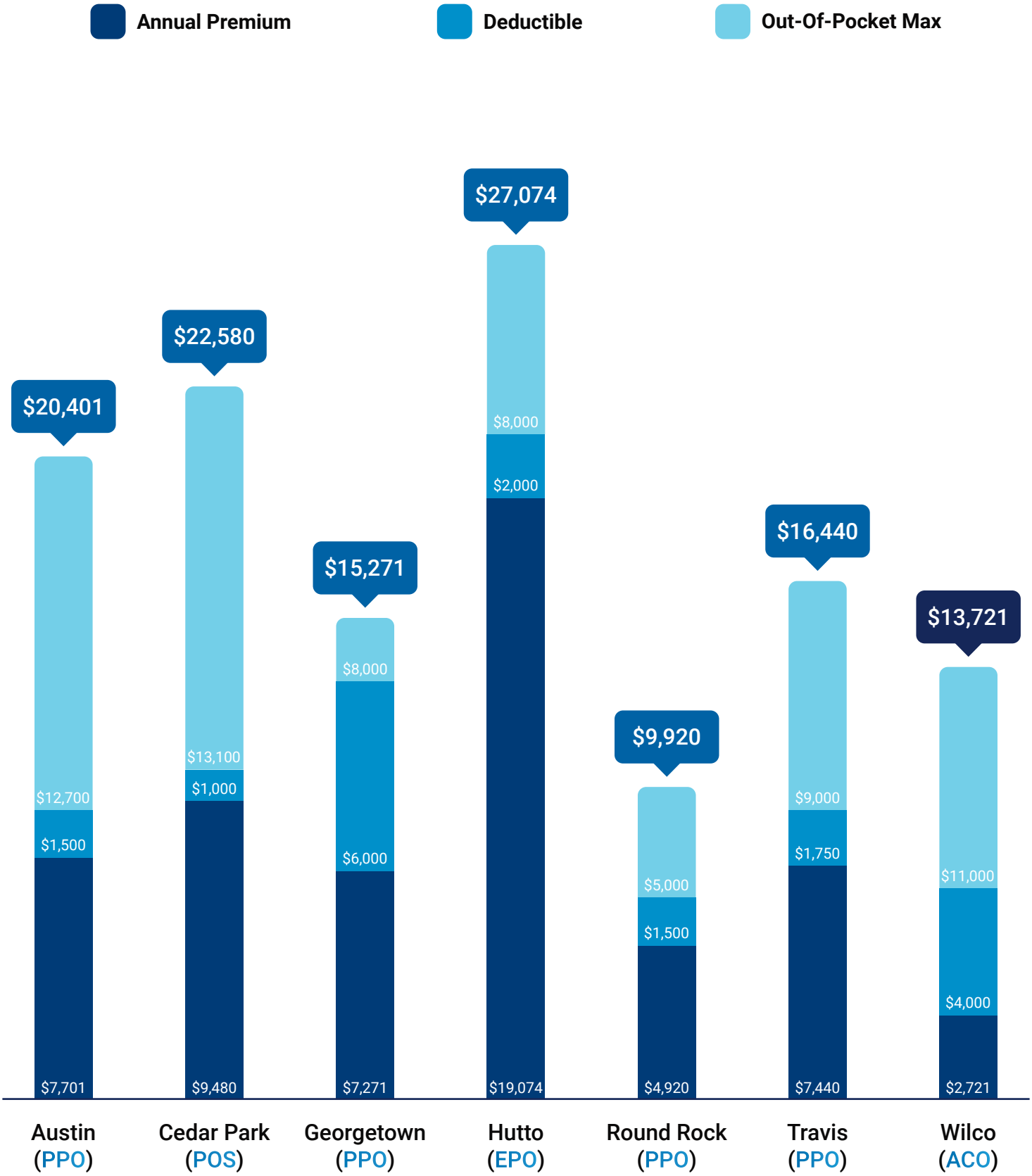
Data is based on comparable plan types
Deductibles count toward the total Out-of-Pocket max; totals have been calculated as such

For example, Williamson County's CY21 **total** was calculated by adding the annual premium ($649) with the out-of-pocket max ($5,500). The deductible was then included by subtracting it ($2,000) from the out-of-pocket max (now $3,500). These totals ($649) and ($2,000) plus ($3,500) are reflected in the graph below.



CY 2021 FAMILY
TOTAL POTENTIAL OUT-OF-POCKET COST

Data is based on comparable plan types
Deductibles count toward the total Out-of-Pocket max; totals have been calculated as such



CY 2020 EMPLOYEE ASSISTANCE PROGRAM (EAP) UTILIZATION

Actual numbers are not included in order to maintain privacy of participants

TYPES OF CASES

CLINICAL

Counseling cases that may include face-to-face, structured telephonic, video, on-line, first call resolution/in the moment support

WORK-LIFE

Consultation and/or referrals for community resources

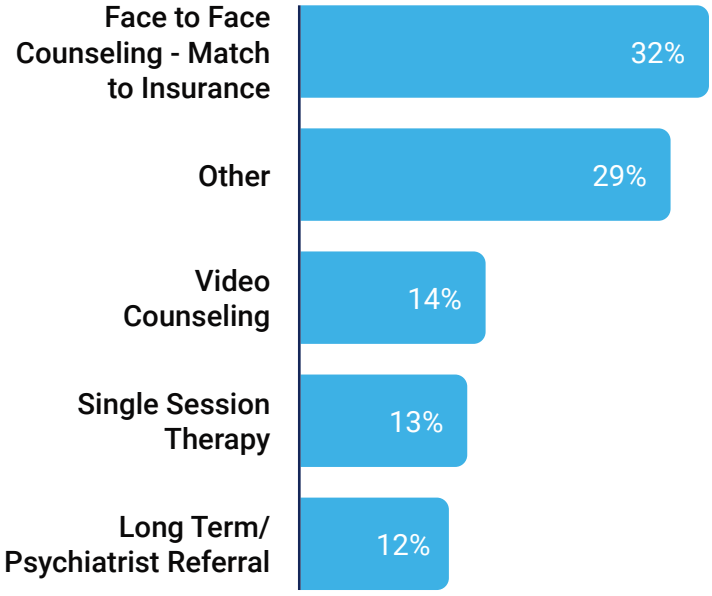
WEB HITS

Recorded each time a user moves from section to section on the website

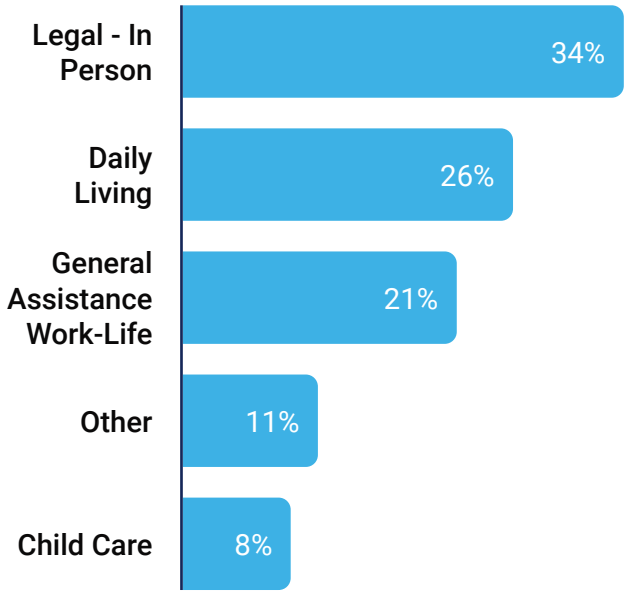
UTILIZATION OVERVIEW



CLINICAL SERVICES UTILIZATION



WORK-LIFE SERVICES UTILIZATION



TOP PRESENTING CONCERNS: CLINICAL & WORK-LIFE

PERSONAL

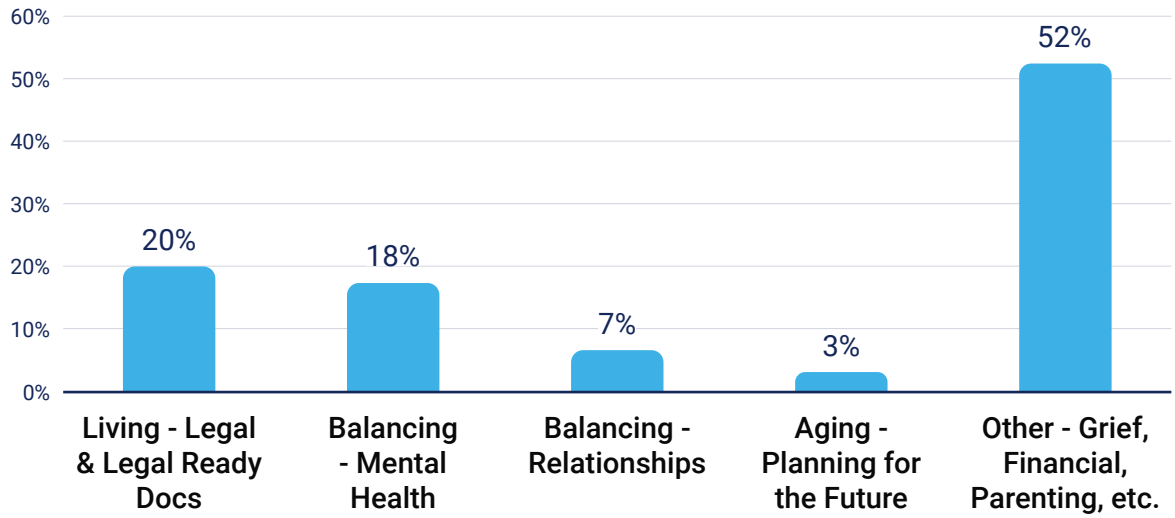
1. Stress
2. Low Mood
3. Anxiety/Panic
4. Fluctuating Mood
5. Difficulty Concentrating

WORK-RELATED

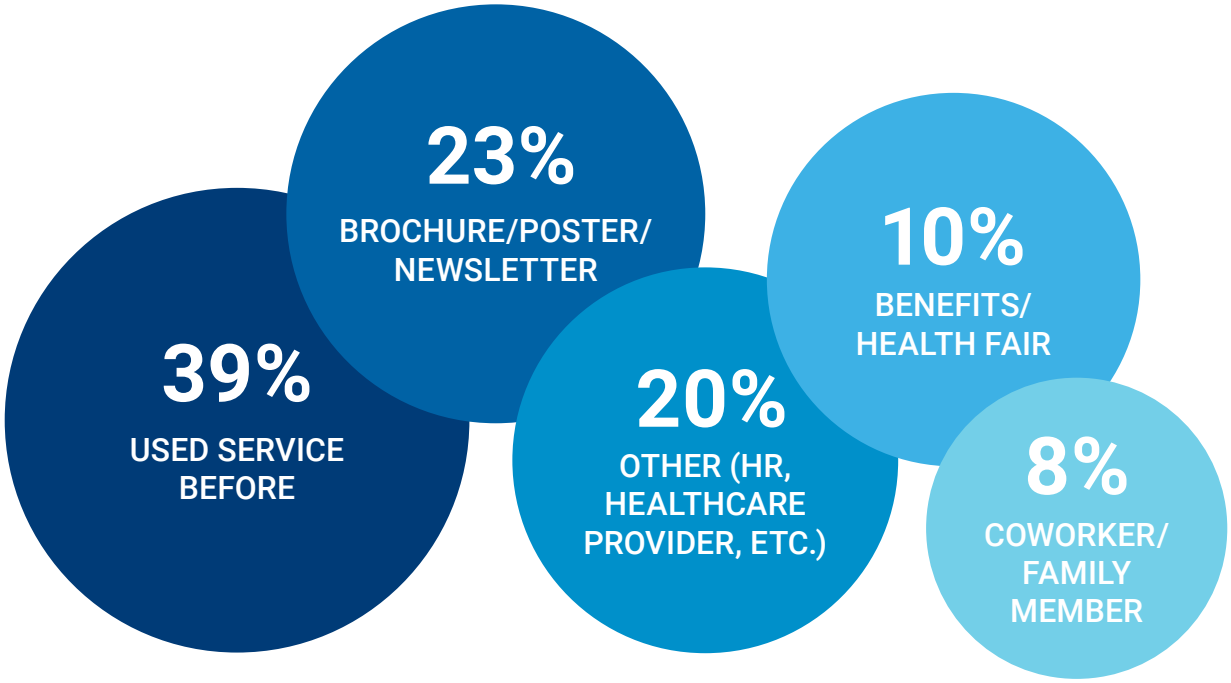
1. Workplace Stress
2. Work Performance Issues
3. Conflict at Work
4. Workplace Bullying/Harassment
5. Career Change/Transition

WEBSITE UTILIZATION

Does not include web hits from the Deer Oaks EAP home page



HOW PARTICIPANTS HEARD ABOUT THE EAP



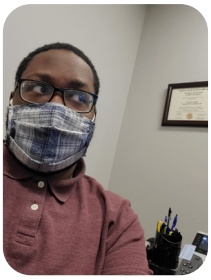
REFLECTIONS

Like every County department and office, Human Resources faced unimaginable challenges in 2020. Below are just a few of the ways HR staff innovated to provide continuous service and engage employees during these unprecedented times.

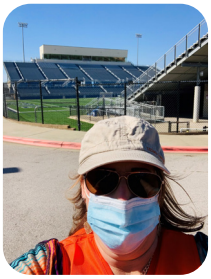
PANDEMIC RESPONSE



- In less than a week, moved all New Employee Orientation (NEO) processes online, while continuing to provide over-the-phone support for new employees.
- Routed calls and implemented a rotating in-office schedule to reduce exposure and allow staff to work from home while providing continuous service.
- Created and disseminated ongoing pandemic-related communications via email and on Sharepoint, including a COVID-19 Frequently Asked Questions (FAQ) reference document and Families First Coronavirus Response Act-related online leave request form, poster and FAQ sheet.
- In conjunction with our workers compensation insurance provider, ensured early on that both the provider and HR staff received education on how to identify and report pandemic-related claims to avoid delays in coverage.
- Created an online video resource library on Sharepoint, giving WilCo staff 24/7 access to a variety of HR developed training videos, including the Respectful Workplace Training (as well as its accompanying quiz) and Williamson County FY21 Compensation presentation. The Respectful Workplace Training has been viewed 724 times to date.
- Remotely interviewed, hired and trained three new HR/Benefits staff members.
- Transitioned to a completely virtual Benefits Fair. Employees had access to benefits and wellness-related resources and participated in educational webinars, open enrollment sessions and wellness contests, over a two-week period.
- Supported the Emergency Operations team and additional County departments in various ways, including assisting with identification and placement of WilCo staff to work on pandemic specific teams; providing morale boost during daily Emergency Operations meetings; and volunteering to answer calls from the vaccine help line, as well as assist at the onsite vaccination and enrollment sites.









ADDITIONAL ACCOMPLISHMENTS

- Set up a phone tree for the HR main line, providing customers streamlined access to assistance.
- Developed and disseminated the first HR/Benefits customer service survey.
- Added a Wellness Coordinator to the Benefits team to enhance the County wellness program. Developed additional support in the Risk Coordination division due to continued growth.
- Restructured the Workforce Services division to better utilize staffing resources and focus on the areas of employee relations, processes, leave and training.
- Developed an online *Workers Compensation First Report of Injury* form which automatically routes to appropriate HR staff when an incident occurs.
- Created a “Supervisors Toolkit” on Sharepoint to provide WilCo Leadership with helpful reference materials, including HR developed pamphlets on topics such as grief in the workplace, as well as how to handle a variety of critical employee incidents.
- Facilitated and shared a live webinar by TCDRS to remotely educate employees on WilCo’s retirement plan.

THE FUTURE

The HR department is committed to seeking more opportunities to provide the highest level of support to all WilCo staff, and we are looking forward to the future. Below you will find a few of the ways we plan to grow in the coming year:

- Continue to develop and grow our training, education and communications programs with in-house videos, webinars (i.e., retirement planning, wellness, etc.), and scheduled in-person updates on various subjects.

- Create an online general liability reporting form and process with automated routing, similar to the auto/property incident reporting process.

- Develop a more user-friendly performance review process for Leadership.

- And much, much more!

PRESENTED BY
Williamson County Human Resources

Rebecca Clemons, Senior Director
rclemons@wilco.org

PREPARED BY
Williamson County Organizational
Development and Analytics Team

Rachel Nekolaichuk, HR Analyst
rachel.nekolaichuk@wilco.org

Holly Jung, Director
hjung@wilco.org

Commissioners Court - Regular Session **34.**

Meeting Date: 03/16/2021

Resolution Kalahari

Submitted For: Bill Gravell **Submitted By:** Hal Hawes, County Judge

Department: County Judge

Agenda Category: Regular Agenda Items

Information

Agenda Item

Discuss, consider and take appropriate action on a Resolution to support legislative efforts in the 87th Legislative Session to extend the timeline for the tax revenue program granted by Chapter 351 of the Texas Tax Code, for the Kalahari Resorts and Convention Center Project.

Background

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

Commissioners Court Resolution

RR City Council Resolution

RR Chamber of Commerce Position Statement

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Andrea Schiele	03/10/2021 04:33 PM
Form Started By: Hal Hawes		Started On: 03/10/2021 11:41 AM
Final Approval Date: 03/10/2021		

RESOLUTION

OF THE

WILLIAMOSN COUNTY COMMISSIONERS COURT

WHEREAS, in 2016 the City of Round Rock, Texas ("City"), Williamson County, Texas ("County") and the owners of Kalahari Resorts began negotiating economic development agreements which would ultimately lead to a new Kalahari Resort and Convention Center being built and located in Round Rock, Texas; and

WHEREAS, Kalahari Resorts and Convention Center boasts 975 hotel rooms, 20 food and drink options, and added $550 million to the City and County's tax base; and

WHEREAS, Kalahari Resorts and Convention Center will create over 1,000 jobs in its 200,000 square-foot indoor and outdoor water park, 150,000 square-foot convention center, as well as their many retail and restaurant spaces; and

WHEREAS, Texas Governor Greg Abbott acknowledged Kalahari's contribution to the County when he said, "Texas is the premier economic destination in America, and that's because of companies like Kalahari that choose to invest in our top-notch locals, our world-class infrastructure and the thriving business economy that we have;" and

WHEREAS, in spite of the world-wide COVID-19 pandemic, Kalahari opened on time on November 12, 2020 and within budget; and

WHEREAS, because of the pandemic, state and local officials have issued orders limiting Kalahari's capacity at its hotel, restaurants, bars, and retail spaces, which has significantly impacted revenue streams; and

WHEREAS, because of the pandemic, the governors of other states have instituted travel bans and/or mandatory quarantining upon persons arriving back to their resident states, causing a severe downturn in travel and leisure activities; and

WHEREAS, these capacity limits and other government mandated efforts to curb the infection rate of COVID-19 has caused Kalahari Resorts to lose already confirmed and future convention center business, and to lose anticipated revenue from its water park, retail shops, restaurants, bars, and entertainment areas; and

WHEREAS, most hotel and travel industry experts anticipate it will be another three to five years before the hotel and travel industry returns to pre-pandemic levels, and this reduction in revenue to Kalahari Resorts means lost revenues for the County for that duration,

NOW THEREFORE; BE IT RESOLVED BY THE COMMISSIONERS COURT OF WILLIAMSON COUNTY, TEXAS,

That the Commissioners Court of Williamson County, Texas does hereby support legislative efforts in the 87th Legislative Session to extend the timeline for the tax revenue program granted by Chapter 351 of the Texas Tax Code, for the Kalahari Resorts and Convention Center project, for as many years as necessary to allow it to realize the originally intended benefits of the program extended by the Texas Legislature and the State of Texas.

The Commissioners Court hereby finds and declares that written notice of the date, hour, place and subject of the meeting at which this Resolution was adopted was posted and that such meeting was open to the public as required by law at all times during which this Resolution and the subject matter hereof were discussed, considered and formally acted upon, all as required by the Open Meetings Act, Chapter 551, Texas Government Code, as amended.

PASSED, APPROVED, ADOPTED and RESOLVED as of this 16th day of March, 2021.

_____

Bill Gravell, Jr.
Williamson County Judge

_____

Terry Cook
Commissioner, Precinct 1

_____

Valerie Covey
Commissioner, Precinct 3

_____

Cynthia Long
Commissioner, Precinct 2

_____

Russ Boles
Commissioner, Precinct 4

RESOLUTION NO. R-2021-030

WHEREAS, in 2015, the Texas Legislature passed House Bill 1964, which added the City of Round Rock ("City") as an eligible municipality allowed to pledge the municipal hotel occupancy tax revenue from hotel projects for the payment of obligations issued to acquire, lease, construct, and equip a convention center, hotel and any facilities ancillary to the hotel; and

WHEREAS, in 2016 the City and the owners of Kalahari Resorts began negotiating an agreement which would ultimately lead to a new Kalahari Resort and Convention Center being built in the City; and

WHEREAS, Kalahari Resorts and Convention Center boasts 975 hotel rooms, 20 food and drink options, and added $550 million to the city's tax base; and

WHEREAS, Kalahari Resorts and Convention Center will create over 1,000 jobs in its 200,000 square-foot indoor and outdoor water park, 150,000 square-foot convention center, as well as their many retail and restaurant spaces; and

WHEREAS, Texas Governor Greg Abbott acknowledged Kalahari's contribution to the City when he said, "Texas is the premier economic destination in America, and that's because of companies like Kalahari that choose to invest in our top-notch locals, our world-class infrastructure and the thriving business economy that we have;" and

WHEREAS, in spite of the world-wide COVID-19 pandemic, Kalahari opened on time on November 12, 2020 and within budget; and

WHEREAS, because of the pandemic, state and local officials have issued orders limiting Kalahari's capacity at its hotel, restaurants, bars, and retail spaces, which has significantly impacted revenue streams; and

WHEREAS, because of the pandemic, the governors of other states have instituted travel bans and/or mandatory quarantining upon persons arriving back to their resident states, causing a severe downturn in travel and leisure activities; and

WHEREAS, these capacity limits and other government mandated efforts to curb the infection rate of COVID-19 has caused Kalahari Resorts to lose already confirmed and future convention center business, and to lose anticipated revenue from its water park, retail shops, restaurants, bars, and entertainment areas; and

WHEREAS, most hotel and travel industry experts anticipate it will be another three to five years before the hotel and travel industry returns to pre-pandemic levels, and this reduction in revenue to Kalahari Resorts means lost revenue for the City for that duration, Now Therefore

BE IT RESOLVED BY THE COUNCIL OF THE CITY OF ROUND ROCK, TEXAS,

That the City Council of the City of Round Rock hereby supports legislative efforts in the 87th legislative session to extend the timeline for the tax revenue program granted by Section 351 Texas Tax Code, for the Kalahari Resorts and Convention Center project, for as many years as necessary to allow it to realize the benefits of the program extended by the Texas Legislature and the State of Texas.

The City Council hereby finds and declares that written notice of the date, hour, place and subject of the meeting at which this Resolution was adopted was posted and that such meeting was open to the public as required by law at all times during which this Resolution and the subject matter hereof were discussed, considered and formally acted upon, all as required by the Open Meetings Act, Chapter 551, Texas Government Code, as amended.

RESOLVED this 11th day of February, 2021.

CRAIG MORGAN, Mayor
City of Round Rock, Texas

ATTEST:

SARA L. WHITE, City Clerk

ROUND ROCK CHAMBER

Policy: Kalahari Resort and Convention Center Incentive Period Extension
Date: February 8, 2021

Position: The Round Rock Chamber of Commerce supports legislation to extend the timeline of the economic development program provided under Section 351 of the Texas Tax Code in order to allow Kalahari Resort and Convention Center to fully benefit from the advantages it provides.

The state established provisions under Section 351 of the Texas Tax Code to make Texas more competitive than other states when recruiting these companies, and designated Round Rock as an eligible city in 2015. The benefits provided under Section 351 were part of the consideration Kalahari made in determining to locate this facility in Texas, and specifically, in Round Rock.

Kalahari Resort and Convention Center has made a major investment in the community of Round Rock. This project has led to the establishment of a 975 room hotel, combined with a 200,000 square foot water park and 150,000 square foot Convention Center. The facility also added 20 eating and dining establishments in the community. In total, the development added over one million square feet of property in Round Rock, adding $550 million to the city's tax base and creating 1000 new jobs.

Agreements of this nature typically include limitations on the time period that companies can benefit from such programs. This is done to both establish reasonable limits on the amount of total project support provided and to ensure the business makes a good faith effort to begin construction, complete construction and hire employees as soon as possible.

Kalahari completed this project in the middle of unforeseeable and unprecedented circumstances. In the view of the Chamber, Kalahari has fulfilled plans for this project established at the outset. The new facility was completed on schedule in November 2020, in spite of temporary work stoppages and other necessary COVID-19 mitigation efforts.

For safety purposes the state has limited the number of patrons allowed to stay in the hotel, the number of patrons allowed in Kalahari restaurants, and the number of patrons allowed in the waterpark and entertainment center. Kalahari has complied with these operating restrictions.

Kalahari and the state are now operating in circumstances neither could have anticipated when the project was announced more than three years ago. The operating restrictions in place at this time make it difficult to fully benefit from the advantages of the 351 program. Kalahari is likely unique in Texas given that this project was approved for, and began construction, well before restrictions were necessary – and began operations during the height of coronavirus restrictions.

Kalahari is open and operating, and it is now the pandemic-related limitations that prevent Kalahari from fully benefiting from the advantages of the 351 program. For that reason, it has been proposed that the period of the Kalahari 351 program be extended to allow the company to fully benefit from it. The Round Rock Chamber supports this extension.

Commissioners Court - Regular Session **35.**

Meeting Date: 03/16/2021

DOI Projects and Issues

Submitted For: Robert Daigh **Submitted By:** Vicky Edwards, 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	02/09/2021 08:43 AM
Form Started By: Vicky Edwards		Started On: 02/08/2021 03:37 PM
Final Approval Date: 02/09/2021		

Commissioners Court - Regular Session **36.**

Meeting Date: 03/16/2021

March 2021 Construction Summary Report

Submitted By: Dawn Haggard, Road Bond

Department: Road Bond

Agenda Category: Regular Agenda Items

Information

Agenda Item

Receive the March 2021 Construction Summary Report and PowerPoint Presentation.

Background

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

March 2021 CSR

March 2021 Monthly Update

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Andrea Schiele	03/11/2021 11:46 AM
Form Started By: Dawn Haggard		Started On: 03/11/2021 10:26 AM
Final Approval Date: 03/11/2021		

ROAD BOND PROGRAM

Construction Summary Report

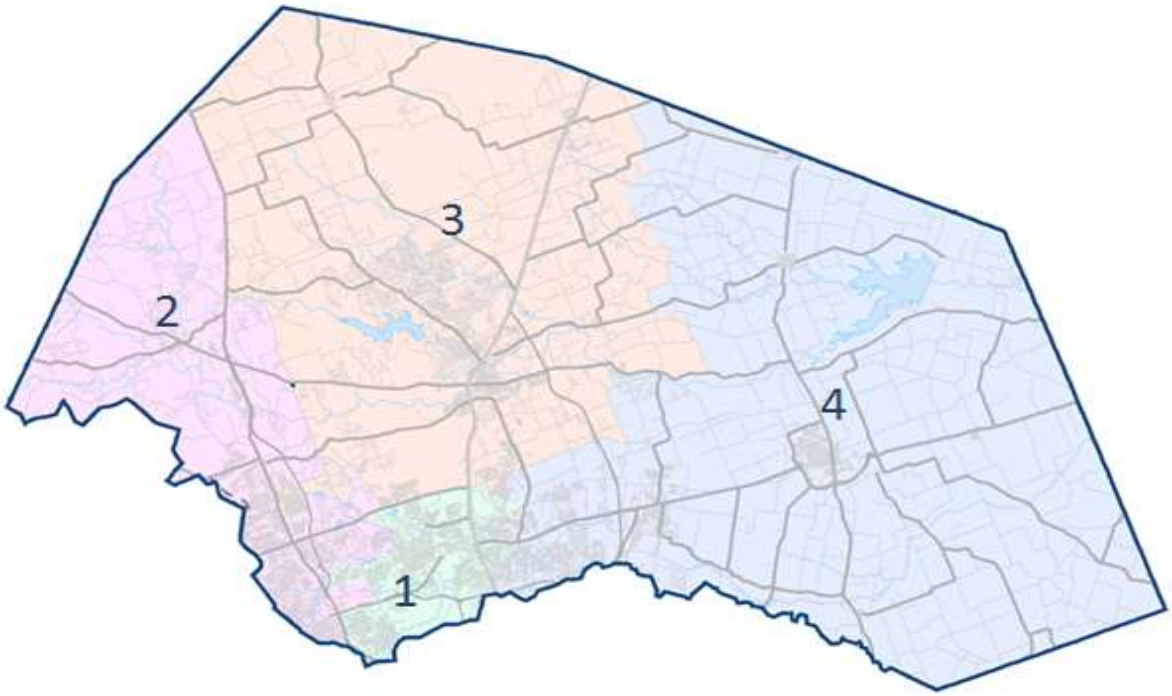
County Judge
Bill Gravell, Jr.

Commissioners
Terry Cook
Cynthia Long
Valerie Covey
Russ Boles

March 2021

WWW.ROADBOND.ORG

Volume XX - Issue No.03



Presented By: HNTB

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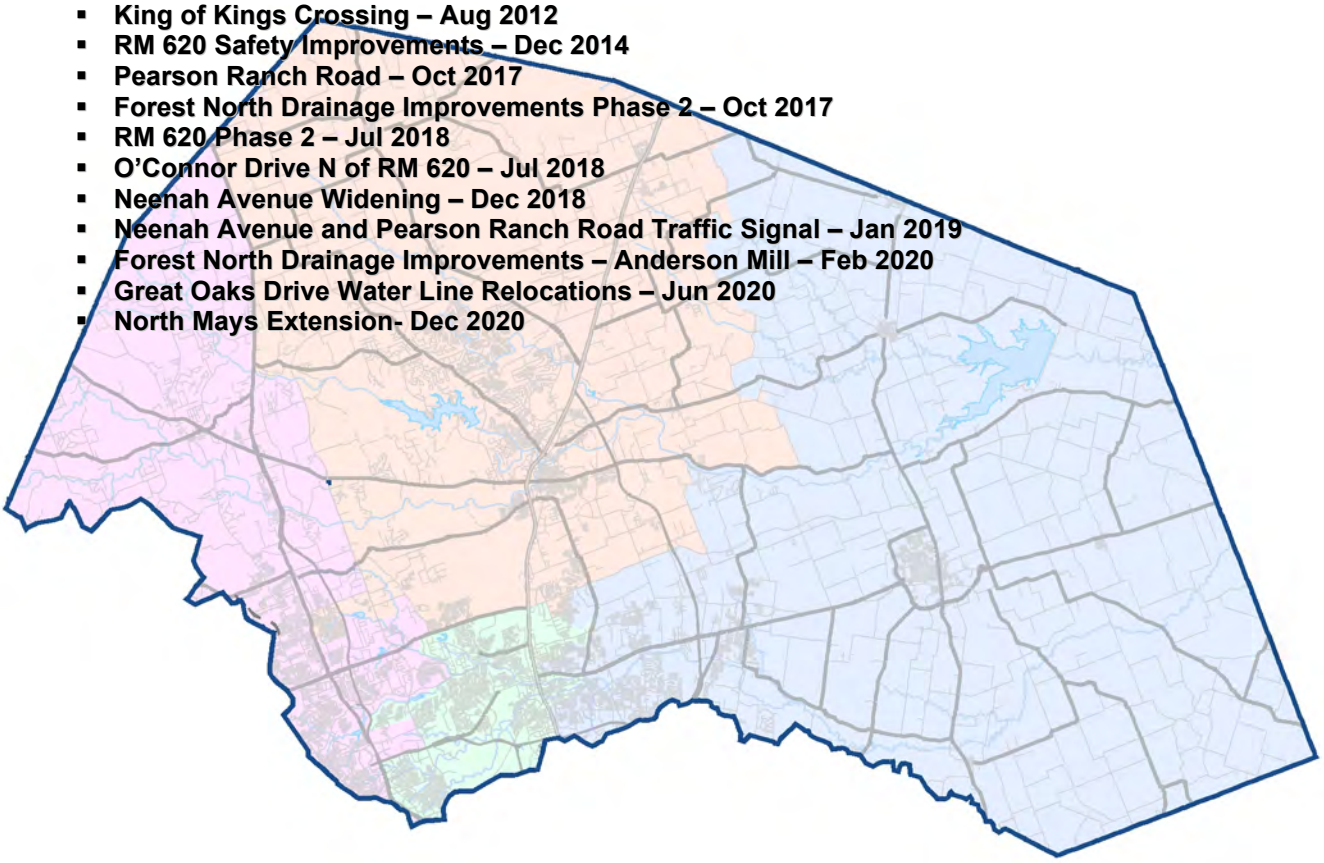
WILLIAMSON COUNTY
ROAD BOND PROGRAM

COMPLETED PROJECTS

CONSTRUCTION SUBSTANTIALLY COMPLETE/OPEN TO TRAFFIC - AS OF FEBRUARY 2021

Precinct 1

- **Pond Springs Road (signal) – Apr 2002**
- **McNeil Road, Phase 1 – Jan 2005**
- **McNeil Road, Phase 2 – Feb 2007**
- **RM 620, Phase 1 – Jan 2009**
- **Pond Springs Road – Sep 2010**
- **County Road 174 at Brushy Creek – Jun 2011**
- **O'Connor Drive Extension – Apr 2012**
- **King of Kings Crossing – Aug 2012**
- **RM 620 Safety Improvements – Dec 2014**
- **Pearson Ranch Road – Oct 2017**
- **Forest North Drainage Improvements Phase 2 – Oct 2017**
- **RM 620 Phase 2 – Jul 2018**
- **O'Connor Drive N of RM 620 – Jul 2018**
- **Neenah Avenue Widening – Dec 2018**
- **Neenah Avenue and Pearson Ranch Road Traffic Signal – Jan 2019**
- **Forest North Drainage Improvements – Anderson Mill – Feb 2020**
- **Great Oaks Drive Water Line Relocations – Jun 2020**
- **North Mays Extension- Dec 2020**



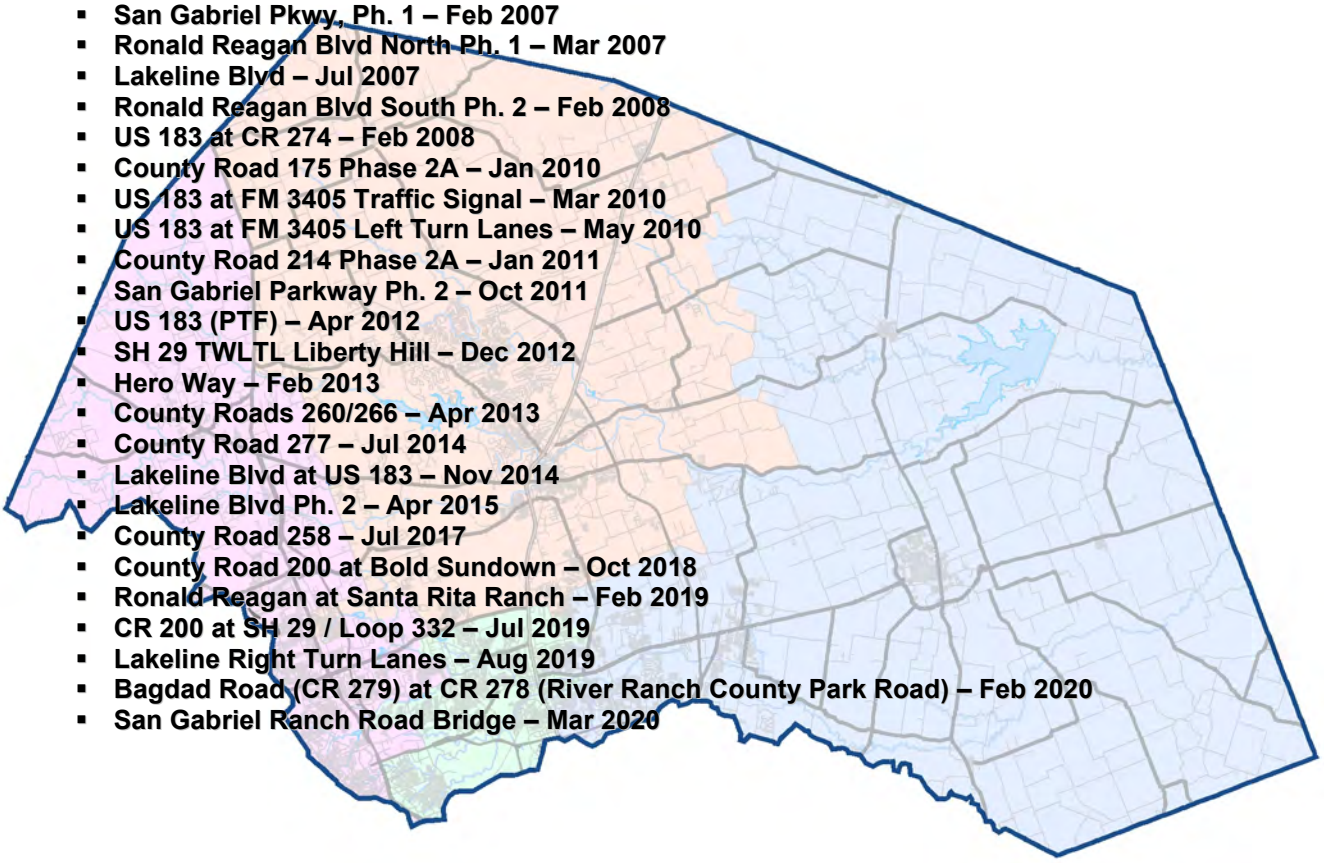
WILLIAMSON COUNTY
ROAD BOND PROGRAM

COMPLETED PROJECTS

CONSTRUCTION SUBSTANTIALLY COMPLETE/OPEN TO TRAFFIC - AS OF FEBRUARY 2021

Precinct 2

- **RM 1869 at SH 29 (signal) – Aug 2002**
- **River Bend Oaks – Feb 2003**
- **County Road 175 – Jun 2003**
- **County Road 200 – Sep 2003**
- **Ronald Reagan Blvd, South Ph. 1 – Dec 2004**
- **County Road 214 – Feb 2005**
- **County Road 258 – Sep 2006**
- **San Gabriel Pkwy, Ph. 1 – Feb 2007**
- **Ronald Reagan Blvd North Ph. 1 – Mar 2007**
- **Lakeline Blvd – Jul 2007**
- **Ronald Reagan Blvd South Ph. 2 – Feb 2008**
- **US 183 at CR 274 – Feb 2008**
- **County Road 175 Phase 2A – Jan 2010**
- **US 183 at FM 3405 Traffic Signal – Mar 2010**
- **US 183 at FM 3405 Left Turn Lanes – May 2010**
- **County Road 214 Phase 2A – Jan 2011**
- **San Gabriel Parkway Ph. 2 – Oct 2011**
- **US 183 (PTF) – Apr 2012**
- **SH 29 TWLTL Liberty Hill – Dec 2012**
- **Hero Way – Feb 2013**
- **County Roads 260/266 – Apr 2013**
- **County Road 277 – Jul 2014**
- **Lakeline Blvd at US 183 – Nov 2014**
- **Lakeline Blvd Ph. 2 – Apr 2015**
- **County Road 258 – Jul 2017**
- **County Road 200 at Bold Sundown – Oct 2018**
- **Ronald Reagan at Santa Rita Ranch – Feb 2019**
- **CR 200 at SH 29 / Loop 332 – Jul 2019**
- **Lakeline Right Turn Lanes – Aug 2019**
- **Bagdad Road (CR 279) at CR 278 (River Ranch County Park Road) – Feb 2020**
- **San Gabriel Ranch Road Bridge – Mar 2020**



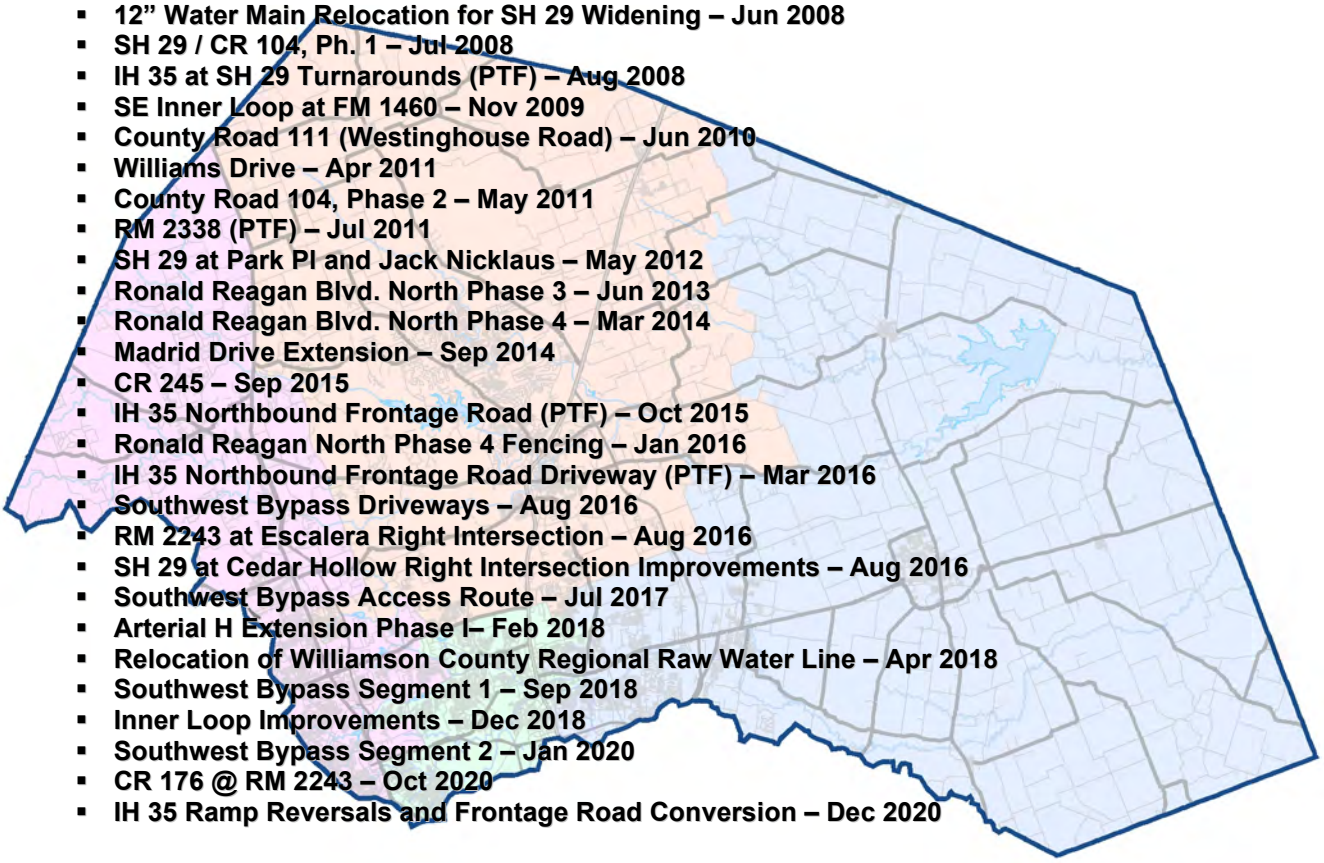
WILLIAMSON COUNTY
ROAD BOND PROGRAM

COMPLETED PROJECTS

CONSTRUCTION SUBSTANTIALLY COMPLETE/OPEN TO TRAFFIC - AS OF FEBRUARY 2021

Precinct 3

- **Cedar Hollow at SH 29 (signal) – Aug 2002**
- **Georgetown Inner Loop Project 2 – Aug 2003**
- **Georgetown Inner Loop Project 1 – Jun 2004**
- **Georgetown Inner Loop East Extension – Sep 2004**
- **County Road 152 Bridge Replacement – Sep 2004**
- **Inner Loop East (CR 151 to Bus 35) – Oct 2005**
- **Ronald Reagan Blvd North, Ph. 2 – May 2008**
- **12" Water Main Relocation for SH 29 Widening – Jun 2008**
- **SH 29 / CR 104, Ph. 1 – Jul 2008**
- **IH 35 at SH 29 Turnarounds (PTF) – Aug 2008**
- **SE Inner Loop at FM 1460 – Nov 2009**
- **County Road 111 (Westinghouse Road) – Jun 2010**
- **Williams Drive – Apr 2011**
- **County Road 104, Phase 2 – May 2011**
- **RM 2338 (PTF) – Jul 2011**
- **SH 29 at Park Pl and Jack Nicklaus – May 2012**
- **Ronald Reagan Blvd. North Phase 3 – Jun 2013**
- **Ronald Reagan Blvd. North Phase 4 – Mar 2014**
- **Madrid Drive Extension – Sep 2014**
- **CR 245 – Sep 2015**
- **IH 35 Northbound Frontage Road (PTF) – Oct 2015**
- **Ronald Reagan North Phase 4 Fencing – Jan 2016**
- **IH 35 Northbound Frontage Road Driveway (PTF) – Mar 2016**
- **Southwest Bypass Driveways – Aug 2016**
- **RM 2243 at Escalera Right Intersection – Aug 2016**
- **SH 29 at Cedar Hollow Right Intersection Improvements – Aug 2016**
- **Southwest Bypass Access Route – Jul 2017**
- **Arterial H Extension Phase I– Feb 2018**
- **Relocation of Williamson County Regional Raw Water Line – Apr 2018**
- **Southwest Bypass Segment 1 – Sep 2018**
- **Inner Loop Improvements – Dec 2018**
- **Southwest Bypass Segment 2 – Jan 2020**
- **CR 176 @ RM 2243 – Oct 2020**
- **IH 35 Ramp Reversals and Frontage Road Conversion – Dec 2020**



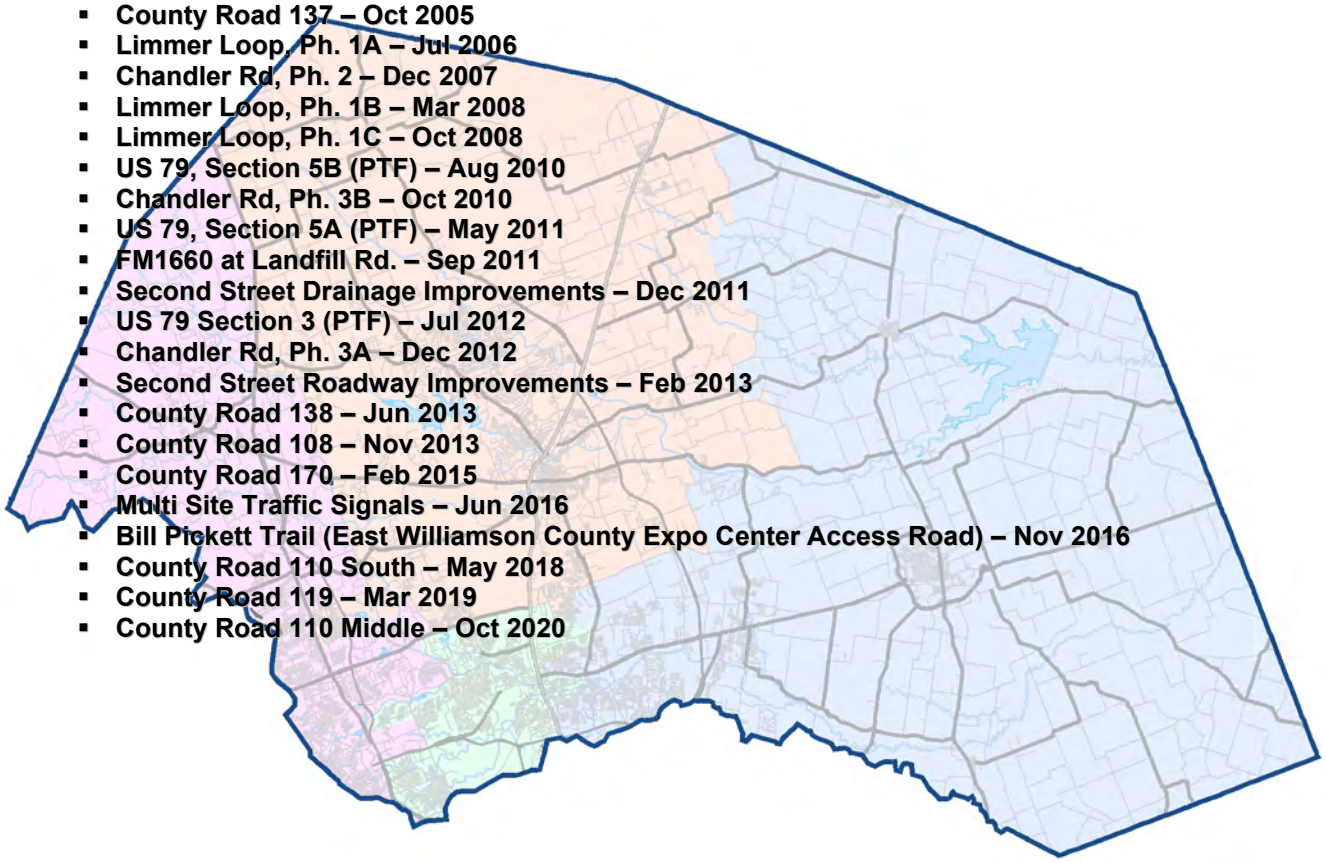
WILLIAMSON COUNTY
ROAD BOND PROGRAM

COMPLETED PROJECTS

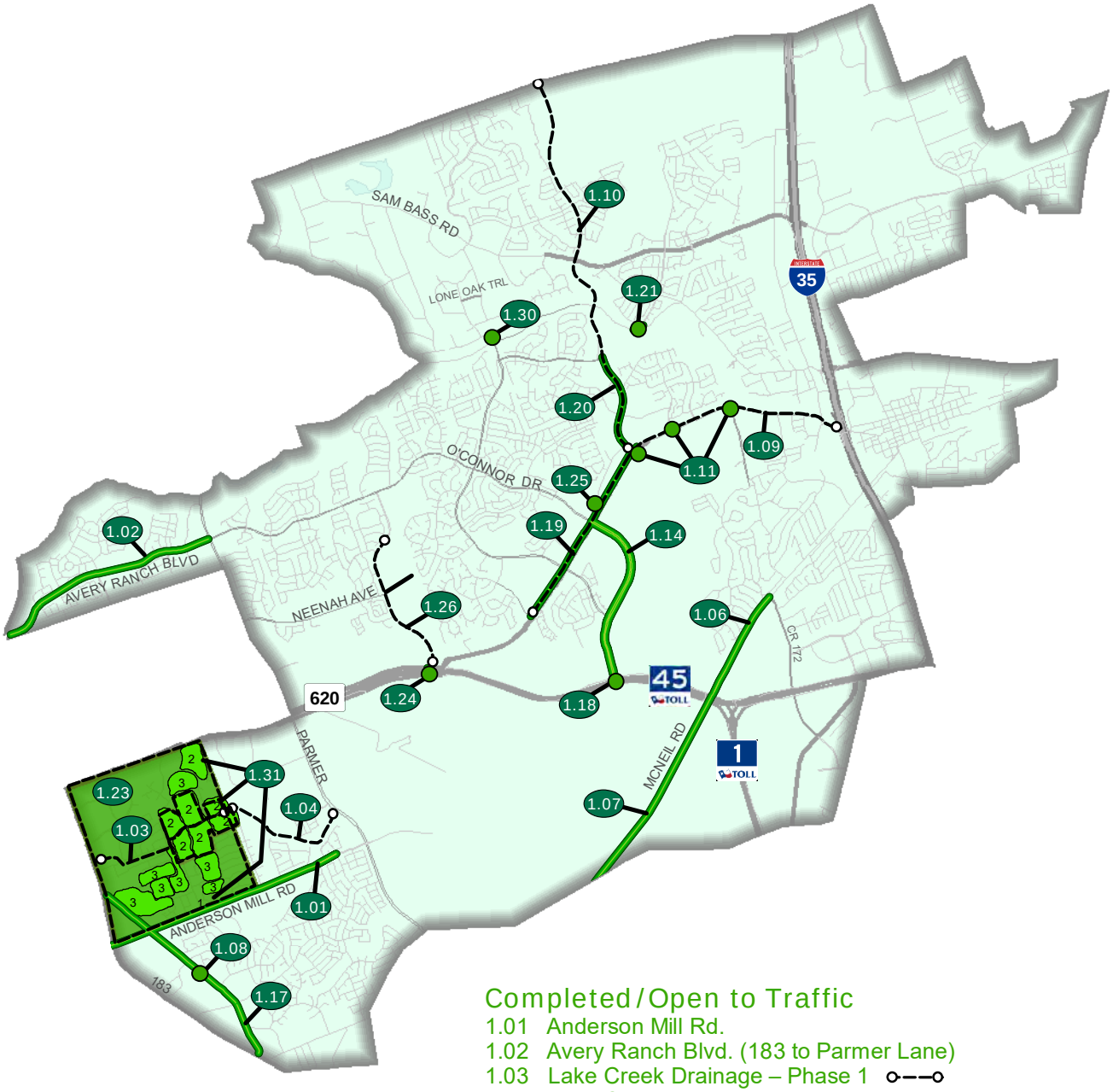
CONSTRUCTION SUBSTANTIALLY COMPLETE/OPEN TO TRAFFIC - AS OF FEBRUARY 2021

Precinct 4

- **Bridge Replacements (CR 390, 406 & 427) – Nov 2002**
- **County Road 368 and 369 – Nov 2002**
- **County Road 412 – Aug 2003**
- **County Road 300 and 301 – Dec 2003**
- **County Road 424 Bridge Replacement – Jan 2004**
- **Chandler Rd. Extension, Ph. 1 – Mar 2005**
- **County Road 112, Ph. 1 – Aug 2005**
- **County Road 137 – Oct 2005**
- **Limmer Loop, Ph. 1A – Jul 2006**
- **Chandler Rd, Ph. 2 – Dec 2007**
- **Limmer Loop, Ph. 1B – Mar 2008**
- **Limmer Loop, Ph. 1C – Oct 2008**
- **US 79, Section 5B (PTF) – Aug 2010**
- **Chandler Rd, Ph. 3B – Oct 2010**
- **US 79, Section 5A (PTF) – May 2011**
- **FM1660 at Landfill Rd. – Sep 2011**
- **Second Street Drainage Improvements – Dec 2011**
- **US 79 Section 3 (PTF) – Jul 2012**
- **Chandler Rd, Ph. 3A – Dec 2012**
- **Second Street Roadway Improvements – Feb 2013**
- **County Road 138 – Jun 2013**
- **County Road 108 – Nov 2013**
- **County Road 170 – Feb 2015**
- **Multi Site Traffic Signals – Jun 2016**
- **Bill Pickett Trail (East Williamson County Expo Center Access Road) – Nov 2016**
- **County Road 110 South – May 2018**
- **County Road 119 – Mar 2019**
- **County Road 110 Middle – Oct 2020**



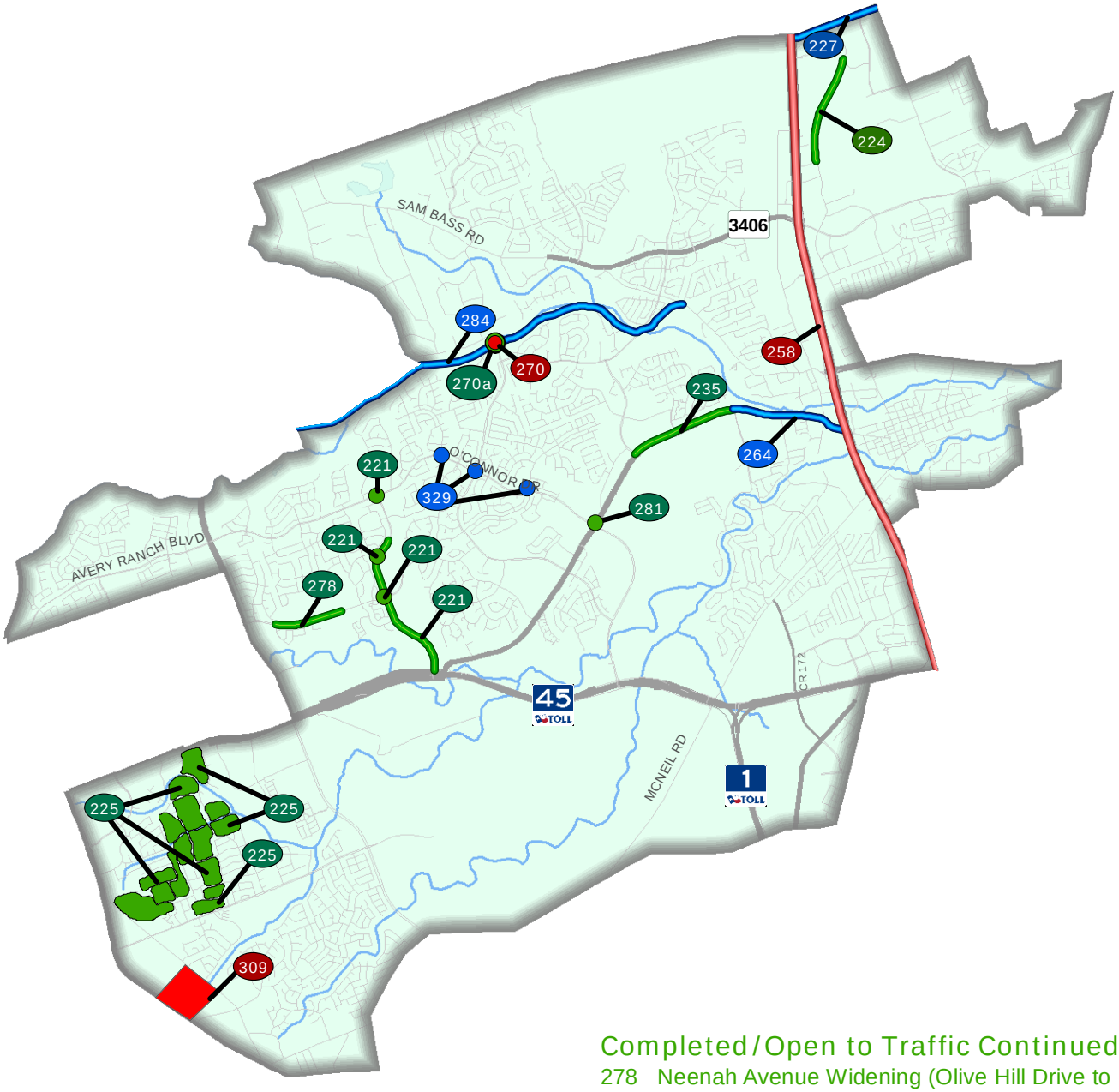
2006 Road Bond Program Projects
Precinct 1 - Commissioner Cook



Completed/Open to Traffic

1.01 Anderson Mill Rd.
1.02 Avery Ranch Blvd. (183 to Parmer Lane)
1.03 Lake Creek Drainage – Phase 1
1.04 Lake Creek Drainage – Phase 2
1.06 McNeil Road - Phase 1
1.07 McNeil Road - Phase 2
1.08 Pond Springs at Turtle Rock Signal
1.09 RM 620 Feasibility Study
1.10 Wyoming Springs North Study
1.11 RM 620 Interim Improvements – Phase 1
1.14 O'Connor Extension
1.17 Pond Springs Road
1.18 O'Connor Overpass at SH 45
1.19 RM 620 (Cornerwood Dr. to Wyoming Springs)
1.20 Wyoming Springs (620 to Brightwater Blvd.)
1.21 CR 174 (Hairy Man Rd.) Bridge Rail Rehab
1.23 Forest North Drainage Study - Phase 1
1.25 King of Kings Crossing
1.26 Pearson Ranch Road (Design)
1.24 Pearson Ranch Underpass at SH 45/ RM 620
1.30 Great Oaks at Brushy Creek (design)
1.31 Forest North Drainage Improvements - Phase 2 (design)
1.31 Forest North Drainage Improvements - Phase 3 (design)

2013 Road Bond Program Projects
Precinct 1 - Commissioner Cook



Completed/Open to Traffic

221 Pearson Ranch Road
221 Pearson Ranch Road at Avery Ranch Boulevard Traffic Signal
221 Pearson Ranch Road and Iveans Way Pedestrian Crossing
221 Neenah Avenue and Pearson Ranch Road Traffic Signal
224 North Mays Street Extension (Paloma Drive to Oakmont Drive)
225 Forest North Drainage Improvements Phase 2
225 Forest North Drainage Improvements Phase 3 (Design)
225 Forest North Drainage Improvements Anderson Mill Zone
235 RM 620 Phase 2 (Wyoming Springs to Deep Wood Drive)
270a Great Oaks Drive Waterline Relocations

Completed/Open to Traffic Continued.

278 Neenah Avenue Widening (Olive Hill Drive to 0.5 miles east of Olive Hill Drive)
281 O'Connor Drive North of RM 620

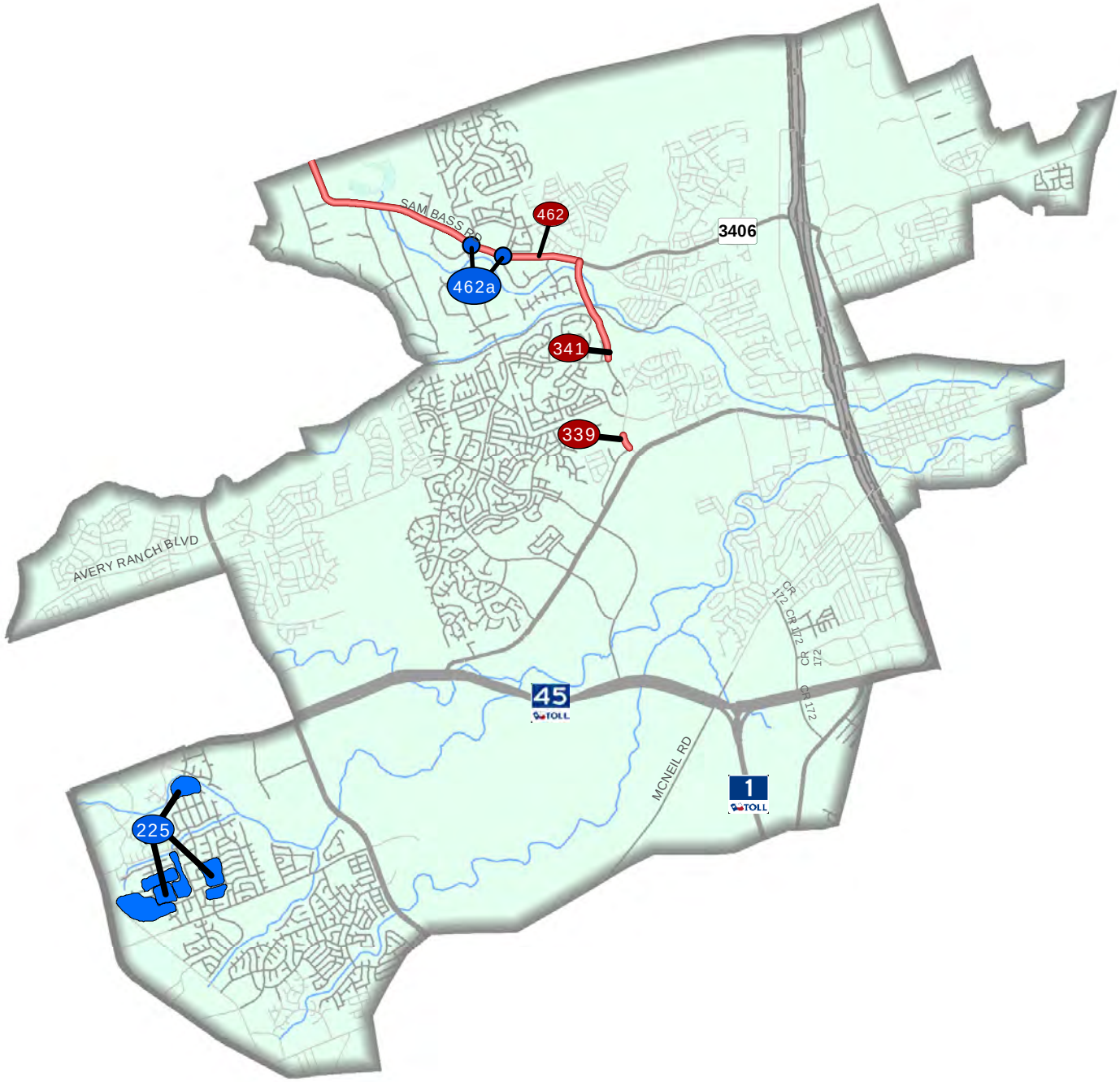
Under Construction/Bidding

227 University Boulevard Widening (IH 35 to Sunrise Road)
264 RM 620 at Railroad / Chisholm Trail (IH 35 Frontage Road to Deep Wood Drive)
284 Hairy Man Road/Brushy Creek Road Safety Improvements (Brushy Bend to Sam Bass Road)
329 O'Connor Drive Traffic Signals (Morgan Hill, Great Oaks and Liberty Walk Intersections)

In Design

258 IH 35 Corridor Operational Analysis (SH 45 to RM 1431)
270 Great Oaks Drive Bridge at Brushy Creek
309 Pond Springs Road Area Drainage Improvements (Pond Springs Road to US 183)

2019 Road Bond Program Projects
Precinct 1 - Commissioner Cook



Under Construction/Bidding

225 Forest North Drainage Improvements Phase 3
462a Corridor H/Sam Bass Road Interim Traffic Signals

In Design

339 Wyoming Springs Intersection Improvements (At Smyers Lane)
341 Wyoming Springs Extension (Brightwater Boulevard/Creek Bend to Sam Bass Road)
462 Corridor H/Sam Bass Road (RM 1431 to Wyoming Springs Drive)

North Mays Street Extension Phase 1 (Paloma Drive to Oakmont Drive)
Project No. 1810-265 Original Contract Price = $10,775,835.75

Letting	Award	Notice To Proceed	Begin Work	Substantial Completion	Work Accepted		Total Bid Days	Days Added	Total Days
11/14/2018	12/4/2018	1/18/2019	1/28/2019	12/16/2020			410	0	410

Invoice Number	Beginning Date	Ending Date	Days Charged	Current Invoice	Invoice Total	Current Retainage	Total Retainage	% ($) Used	% Time Used
1	1/28/2019	1/31/2019	4	$523,139.40	$523,139.40	$58,126.60	$58,126.60	5	1
2	2/1/2019	2/28/2019	28	$2,584.80	$525,724.20	$287.20	$58,413.80	5	8
3	3/1/2019	4/30/2019	61	$102,281.40	$628,005.60	$11,364.60	$69,778.40	6	23
4	5/1/2019	5/31/2019	31	$593,318.74	$1,221,324.34	$65,924.30	$135,702.70	12	30
5	6/1/2019	6/30/2019	30	$188,661.93	$1,409,986.27	$20,962.44	$156,665.14	14	38
6	7/1/2019	7/31/2019	31	$590,007.31	$1,999,993.58	$65,556.37	$222,221.51	20	45
7	8/1/2019	8/31/2019	31	$628,396.35	$2,628,389.93	$69,821.82	$292,043.33	26	53
8	9/1/2019	9/30/2019	30	$2,393,911.61	$5,022,301.54	$265,990.17	$558,033.50	50	60
9	10/1/2019	10/31/2019	31	$724,961.48	$5,747,263.02	$80,551.28	$638,584.78	58	68
10	11/1/2019	11/30/2019	30	$378,890.89	$6,126,153.91	$42,098.99	$680,683.77	61	75
11	12/1/2019	12/31/2019	31	$341,316.16	$6,467,470.07	$37,924.02	$718,607.79	65	82
12	1/1/2020	1/31/2020	31	$258,548.22	$6,726,018.29	$28,727.58	$747,335.37	67	90
13	2/1/2020	2/29/2020	29	$191,886.33	$6,917,904.62	$21,320.70	$768,656.07	69	97
14	3/1/2020	3/31/2020	31	$176,371.44	$7,094,276.06	$19,596.83	$788,252.90	71	105
15	4/1/2020	4/30/2020	30	$395,476.16	$7,489,752.22	$43,941.79	$832,194.69	75	112
16	5/1/2020	5/31/2020	31	$277,797.27	$7,767,549.49	$30,866.36	$863,061.05	78	120
17	6/1/2020	6/30/2020	30	$385,340.38	$8,152,889.87	$42,815.60	$905,876.65	82	127
18	7/1/2020	7/31/2020	31	$418,604.43	$8,571,494.30	$46,511.61	$952,388.26	86	134
19	8/1/2020	8/31/2020	31	$202,731.51	$8,774,225.81	$22,525.72	$974,913.98	88	142
20	9/1/2020	9/30/2020	30	$117,670.32	$8,891,896.13	$13,074.48	$987,988.46	89	149
21	10/1/2020	10/31/2020	31	$305,827.52	$9,197,723.65	$33,980.83	$1,021,969.29	92	157
22	11/1/2020	11/30/2020	30	$190,635.28	$9,388,358.93	$21,181.70	$1,043,150.99	94	164
23	12/1/2020	12/31/2020	16	$338,985.41	$9,727,344.34	$37,665.05	$1,080,816.04	98	168
24	1/1/2021	2/28/2021	0	$165,603.43	$9,892,947.77	$18,400.38	$1,099,216.42	99	168

1/28/2021 Comments - Substantial Completion was achieved on December 16, 2020.

Change Order Number	Approved	Cost This CO	Total COs
01	5/5/2020	$0.00	$ -

4B: Third Party Accommodation. Third party requested work. This Change Order modifies the contract to require that Chandler Creek, LP, a Delaware limited partnership (collectively referred to as "Seller") be an additional insured to Capital Excavation's (Contractor) commercial general liability (CGL) insurance policy and to their commercial auto liability (Auto Liability) insurance policy. Adding the Seller to the Contractor's insurance was in the terms and conditions of the Real Estate Contract between the Chandler Creek, LP and Williamson County. The Real Estate Contract was finalized after the plans were completed.

Change Order Number	Approved	Cost This CO	Total COs
02	5/5/2020	$24,898.11	$ 24,898.11

3F: County Convenience. Additional work desired by the County. This Change Order compensates the Contractor for modifications to Driveway #1 that include raising the elevation of the driveway to match the current driveway, improving the driveway by adding 6" of flex base to the pavement section, and using higher strength concrete. The driveway elevation was maintained to minimize the impact of flooding on the driveway access. The improvements were necessary due to the high volume of heavy truck and trailer traffic that uses the driveway.

Change Order Number	Approved	Cost This CO	Total COs
03	10/6/2020	$67,872.45	$ 92,770.56

3F: County Convenience. Additional work desired by the County. This Change Order compensates the Contractor for adding electronic portable changeable message boards to provide advance notification of the closure of North Mays, from Jeffery Way to Paloma Drive. The Change Order also adds compensation for the removal of the City of Round Rock Public Safety Training Center sign. Electrical ground boxes and installation of illumination on the Chandler Branch bridge will be added at the request of Oncor.

Change Order Number	Approved	Cost This CO	Total COs
04	10/6/2020	$21,002.40	$ 113,772.96

1A: Design Error or Omission. Incorrect PS&E. This Change Order adds a 24” encasement to the relocation of the new City of Round Rock 12” Water Line A that crosses the roadway at the north end of the project. The installation of the water line was included in the plans, but the encasement was not. The encasement is required to protect the water line under the roadway.

Change Order Number	Approved	Cost This CO	Total COs
05	2/23/2021	$194,528.81	$ 308,301.77

2G: Unadjusted utility (unforeseeable). This Change Order adds various changes to the project, including the additional cost of hauling embankment material due to delays in the relocation of existing utilities. 3F: Additional work desired by the County. Pay items were added for electronic changeable message boards that have been used during road closures at the south end of the project, a driveway on North Mays Street north of the City of Round Rock Public Safety Training Center, and traffic control devices that were added at the northbound lane drop transition at the north end of the project. 2E: Differing Site Conditions (unforeseeable). This Change Order also includes adjustment of existing water valve risers, a manhole in the North Mays Street and Paloma Drive intersection, and a wall along the sidewalk in front of the City of Round Rock Public Safety Training Center.

Adjusted Price = $11,084,137.52

Great Oaks Water Line Relocations
Project No. 3185

Original Contract Price = $1,325,000.00

Letting	Award	Notice To Proceed	Begin Work	Substantial Completion	Work Accepted		Total Bid Days	Days Added	Total Days
1/7/2020	2/4/2020	2/19/2020	2/24/2020	6/18/2020			60	0	60

Invoice Number	Beginning Date	Ending Date	Days Charged	Current Invoice	Invoice Total	Current Retainage	Total Retainage	% ($) Used	% Time Used
1	2/24/2020	3/2/2020	8	$336,836.04	$336,836.04	$37,426.23	$37,426.23	26	13
2	3/3/2020	3/27/2020	25	$359,779.20	$696,615.24	$39,975.46	$77,401.69	54	55
3	3/28/2020	5/5/2020	39	$493,633.29	$1,190,248.53	$54,848.15	$132,249.84	92	120
4	5/6/2020	6/18/2020	44	$195,018.76	$1,385,267.29	-$103,979.08	$28,270.76	98	193

3/9/2021 Comments - Closeout is ongoing.
1/28/2021 Comments - Substantial Completion was achieved on June 18, 2020.

Change Order Number	Approved	Cost This CO	Total COs
01	6/2/2020	$30,099.11	$ 30,099.11

3F: County Convenience. Additional work desired by the County. This Change Order adds work to prevent bats from roosting under the Great Oaks Bridge over Brushy Creek. This item is being added to the project so that the work can be performed during the winter season.

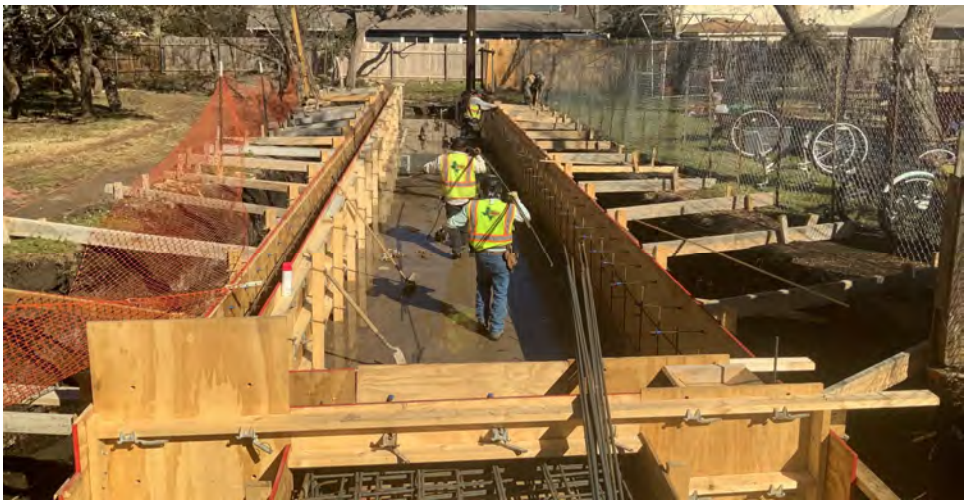
Change Order Number	Approved	Cost This CO	Total COs
02	6/2/2020	$140,830.73	$ 170,929.84

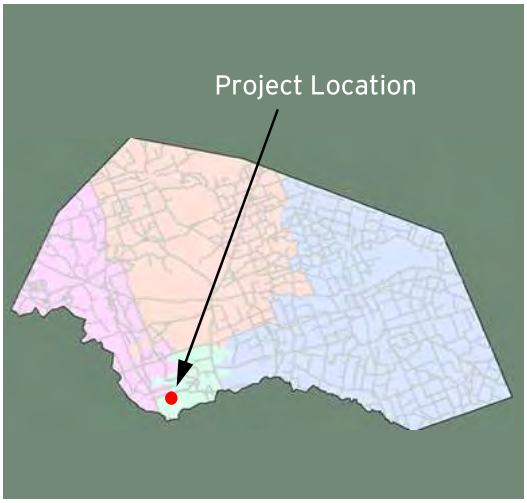
4B: Third Party Accommodation. Third party requested work. This Change Order adds revisions to the Brushy Creek MUD water line design that did not make it into the original plans.

Change Order Number	Approved	Cost This CO	Total COs
03	12/15/2020	$ (55,892.02)	$ 115,037.82

2E: Differing Site Contions (unforeseeable). Miscellaneous difference in site conditions (unforeseeable). This Change Order provides the final balancing of the overrun/underrun of Contract quantities on the project as a result of addressing field conditions not accounted for in the original plans. 4B: Third Party Accommodation. Third party requested work. This Change Order adds items to the contract for the Fern Bluff 12" water line connections made after substantial completion was acheived for the rest of the project. 1A: Design Error or Omission. Incorrect PS&E. This Change Order corrects item quantities from the bid form that did not match the plans. This Change Order also adds an item to access liquidated damages on the Contractor.

Adjusted Price = $1,440,037.82





Forest North Phase 3
(Residential Drainage of the Forest North subdivision)

Project Length: Residential Neighborhood
Roadway Classification: Drainage Improvements

Project Schedule: June 2020 - January 2022
Estimated Construction Cost: $4.8 Million



FEBRUARY 2021 IN REVIEW

02/05/2021: DeNucci formed and poured the riprap flume floor at Channel NC2-1 in the Norchester Zone. Driveway 2 was formed and poured on Longvale Street in the Shady Oaks Zone. Flexible base placement for trench repair work continued on Broadmeade in the Norchester Zone. The Box Culvert C-40 for the Woodvale Channel was installed.

02/12/2021: DeNucci formed and tied steel for the riprap flume walls at Channel NC2-1 in the Norchester Zone. Flexible base placement for trench repair work continued on Barryknoll in the Norchester Zone and on Chester Forest Street in the Sherbourne Zone. Installation of the 5′ x 3′ box culvert for storm sewer line SD104 began on Springvale Street in the Shady Oaks Zone.

02/19/2021: No activities this week due to weather conditions.

02/26/2021: DeNucci formed and poured the riprap flume walls and headwall in channel NC2-1 in the Norchester Zone. Flexible base for water line trench repair was placed at Chester Forest Street in the Sherbourne Zone. The installation of two storm sewer lines and manholes was completed on Springvale Dr. in the Shady Oaks Zone.



Design Engineer: K. Friese & Associates
Contractor: DeNucci Constructors
Construction Observation:
Tracy Cooper, HNTB

Williamson County
Road Bond Program

HNTB

Forest North Phase 3
Project No. 3866

Original Contract Price = $4,793,058.15

Letting	Award	Notice To Proceed	Begin Work	Substantial Completion	Work Accepted	Total Bid Days	Days Added	Total Days
4/23/2020	5/5/2020	6/1/2020	6/11/2020			600	2	602

Invoice Number	Beginning Date	Ending Date	Days Charged	Current Invoice	Invoice Total	Current Retainage	Total Retainage	% ($) Used	% Time Used
1	6/11/2020	6/30/2020	20	$162,371.70	$162,371.70	$18,041.30	$18,041.30	4	3
2	7/1/2020	7/31/2020	31	$312,289.20	$474,660.90	$34,698.80	$52,740.10	11	8
3	8/1/2020	8/31/2020	31	$290,125.80	$764,786.70	$32,236.20	$84,976.30	18	14
4	9/1/2020	9/30/2020	30	$287,032.05	$1,051,818.75	$31,892.45	$116,868.75	24	19
5	10/1/2020	10/31/2020	31	$468,464.76	$1,520,283.51	$52,051.64	$168,920.39	35	24
6	11/1/2020	11/30/2020	30	$206,112.42	$1,726,395.93	$22,901.38	$191,821.77	40	29
7	12/1/2020	12/31/2020	31	$311,530.68	$2,037,926.61	$34,614.52	$226,436.29	47	34
8	1/1/2021	1/31/2021	31	$169,934.92	$2,207,861.53	$18,881.66	$245,317.95	51	39
9	2/1/2021	2/28/2021	28	$206,865.00	$2,414,726.53	$22,985.00	$268,302.95	55	44

7/3/2020 Comments - The Notice to Proceed was issued 6/1/10 with Time Charges beginning 6/11/20.

Change Order Number	Approved	Cost This CO	Total COs
01	10/6/2020	$22,353.00	$ 22,353.00

2E: Differing Site Conditions(unforeseeable). Miscellaneous difference in site conditions (unforeseeable). This Change Order makes various changes to the City of Austin (COA) water line layout on Perthshire Street and Broadmeade Avenue in the Braes Valley Zone. 4B: Third Party Accommodation. Third Party requesed work. The cost of this change order is being paid for by the City of Austin and they have reviewed and approved this revision and additional cost.

Change Order Number	Approved	Cost This CO	Total COs
02	10/6/2020	$5,017.92	$ 27,370.92

3F: County Convenience. Additional work desired by the County. This Change Order modifies the grate elevation of an existing drop inlet and regrades the ditches to improve drainage at 9615 Moorberry Street. The drop inlet was installed in a previous Forest North drainage improvement project.

Change Order Number	Approved	Cost This CO	Total COs
3	1/12/2021	$ 27,841.45	$ 55,212.37

4B: Third Party Accommodation. Third party requested work. This Change Order adds a new item to pay the Contractor for additional potholing needed to locate City of Austin (COA) water lines and services in locations not called for in the plans and outside the normal bid item subsidiary potholing. This Change Order also adds a new item to pay the Contractor to remove and replace mailboxes that are in conflict with COA water line relocations. The City of Austin has agreed to pay the additional costs associated with these items.

Change Order Number	Approved	Cost This CO	Total COs
4	1/12/2021	$ 2,215.00	$ 57,427.37

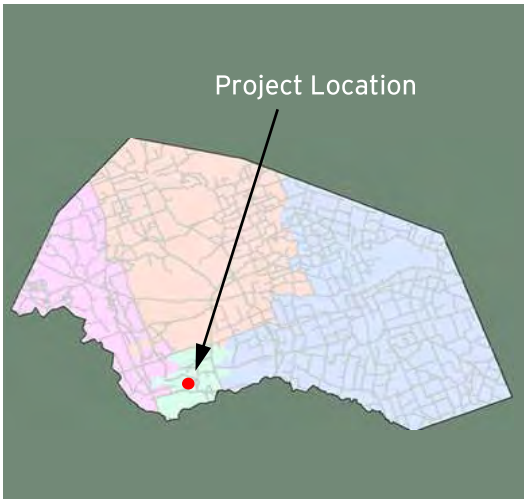
2E: Differeing Site Conditions (unforeseeable). Miscellaneous difference in site conditions (unforeseeable). This Change Order adds two new items to pay the Contractor to replace a driveway and pipe end treatments located at the intersection of Wisterwood and Broadmeade in the Braes Valley Zone that were impacted by the installation of the City of Austin 12" per Change Order 1. The City of Austin has agreed to pay the additional cost associated with these items.

Change Order Number	Approved	Cost This CO	Total COs
5	1/12/2021	$ 5,117.00	$ 62,544.37

1A: Design Error or Omission. Incorrect PS&E. This Change Order adds two new items for wood fence gates that were not included in the original plans. Wood fence is shown to be removed and replaced but no items were established to replace wood fence gates encountered within the fence removal areas. 2E: Differing Site Conditions (unforeseeable). Miscellaneous difference in site condtions (unforeseeable). This Change Order also adds an item to compensate the Contractor for the cost to relocate a copper water service line on the private side of the water line service at 13013 Stillforest Street. The existing copper water service line is required to be moved because it is in conflict with proposed storm sewer installation. The County is paying the cost of this Change Order.

Adjusted Price = $4,855,602.52





O'Connor Traffic Signals
(Morgan Hill, Great Oaks, and Liberty Walk Intersections)

Project Length: .1 miles
Roadway Classification: Residential Intersections

Project Schedule: October 2019 - March 2021
Estimated Construction Cost: $0.9 Million



FEBRUARY 2021 IN REVIEW

02/05/2021: Champion Infrastructure completed drilling foundations for signal poles at Great Oaks intersection and began drilling foundations for signal poles at Liberty Walk intersection.

02/12/2021: Limited activity this week due to weather condition. Champion Infrastructure completed drilling foundations for signal poles at Liberty Walk Drive intersection.

02/19/2021: No activities this week due to weather conditions.

02/26/2021: No activities this week due to weather conditions.



Design Engineer: Kimley-Horn
Contractor: Champion Infrastructure
Construction Observation:
Clayton Weber / Feng Chen, HNTB

Williamson County
Road Bond Program

HNTB

O'Connor Traffic Signals
Project No. 1907-333

Original Contract Price = $853,503.50

Letting	Award	Notice To Proceed	Begin Work	Substantial Completion	Work Accepted	Total Bid Days	Days Added	Total Days
8/20/2019	9/17/2020	10/3/2019	10/14/2019			210	0	210

Invoice Number	Beginning Date	Ending Date	Days Charged	Current Invoice	Invoice Total	Current Retainage	Total Retainage	% ($) Used	% Time Used
1	6/11/2020	6/30/2020	20	$91,850.40	$91,850.40	$10,205.60	$10,205.60	10	10
2	7/1/2020	7/31/2020	31	$56,002.50	$147,852.90	$6,222.50	$16,428.10	17	24
3	8/1/2020	8/31/2020	31	$80,984.74	$228,837.64	$8,998.30	$25,426.40	26	39
4	9/1/2020	9/30/2020	30	$41,649.50	$270,487.14	$4,627.73	$30,054.13	31	53
5	10/1/2020	10/31/2020	31	$78,278.28	$348,765.42	$8,697.59	$38,751.72	39	68
6	11/1/2020	11/30/2020	30	$24,011.05	$372,776.47	$2,667.90	$41,419.62	42	82
7	12/1/2020	12/31/2020	31	$68,702.27	$441,478.74	$7,633.58	$49,053.20	50	97
8	1/1/2021	1/31/2021	31	$23,573.00	$465,051.74	$2,619.23	$51,672.43	52	112
9	2/1/2021	2/28/2021	28	$45,381.37	$510,433.11	$5,042.37	$56,714.80	58	125

7/3/2020 Comments - The Notice to Proceed was issued 6/1/20 with Time Charges beginning 6/11/20.

Change Order Number	Approved	Cost This CO	Total COs
01	9/29/2020	$19,683.04	$ 19,683.04

2E: Differing Site Conditions (unforeseeable). Miscellaneous difference in site conditions (unforeseeable). This Change Order adds a new item to compensate the Contractor for extra work to install conduit crossings via open-cut method and to repair storm sewer pipes that were damaged while attempting directional drilling. This Change Order also subtracts bid quantities for conduit items that will not be used at Liberty Walk intersection after switching to open-cut method.

Change Order Number	Approved	Cost This CO	Total COs
02	10/6/2020	$33,656.00	$ 53,339.04

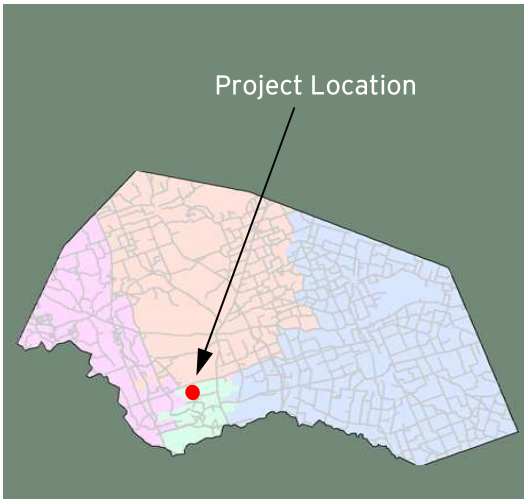
2E: Differing Site Conditions (unforeseeable). Miscellaneous difference in site conditions (unforeseeable). This Change Order changes the method of construction from directional boring to open trenching for the installation of conduits under the existing roadway for the signals at the intersection of O'Connor Drive and Great Oaks Drive. This change in the method of construction was necessary due to the location of existing utilities within the right of way and in the roadway. To accommodate the open cut trench method, the designer changed the conduit from 2 - 3" and 1 - 2" conduits to 4 - 2" conduits. The conduit run equals approximately 300 feet and this change order adds an additional 2" run to the project, totalling 1200 linear feet. This Change Order also adds a new Force Account item to pay for off-duty police officers and vehicles for traffic control during open trenching operations at the Great Oaks and Morgan Hill intersections.

Change Order Number	Approved	Cost This CO	Total COs
3	2/9/2021	$ 77,716.34	131,055.38

2G: Differing Site Conditions (unforeseeable). Unadjusted utility (unforeseeable). This Change Order adds various changes to the project, including; additional cost to complete installation conduits at Liberty Walk and Morgan Hill intersections due to various utility conflicts, the additional cost to replace curb and gutter that was removed in order to install conduit crossings via “open-cut” method at all three intersections, and the additional cost of maintaining project perimeter signs and barricades due to a project delay caused by working around existing utilities. 4B: Third Party Accommodation. Third party requested work. This Change Order adds a pay item for the additional cost to relocate the controller pad at Liberty Walk intersection.

Adjusted Price = $984,558.88





Corridor H - Sam Bass Interim Traffic Signals

(Residential Traffic Signals at Walsh Ranch Road and Great Oaks Drive)

Project Length: .2 Miles
Roadway Classification: Urban Minor Arterial

Project Schedule: January 2021 - March 2021
Estimated Construction Cost: $0.3 Million



FEBRUARY 2021 IN REVIEW

02/05/2021: Austin Traffic Signal began installation of span wire, signal heads and signal cable at the intersection of Walsh Ranch Boulevard and Sam Bass Road.

02/12/2021: No activities this week due to weather conditions.

02/19/2021: No activities this week due to weather conditions.

02/26/2021: No activities this week due to weather conditions.



Design Engineer: K. Friese
Contractor: Austin Traffic Signal
Construction Observation:
Feng Chen / Clayton Weber, HNTB

Williamson County
Road Bond Program

HNTB

Corridor H - Sam Bass Interim Traffic Signals
Project No. T1740

Original Contract Price = $319,866.00

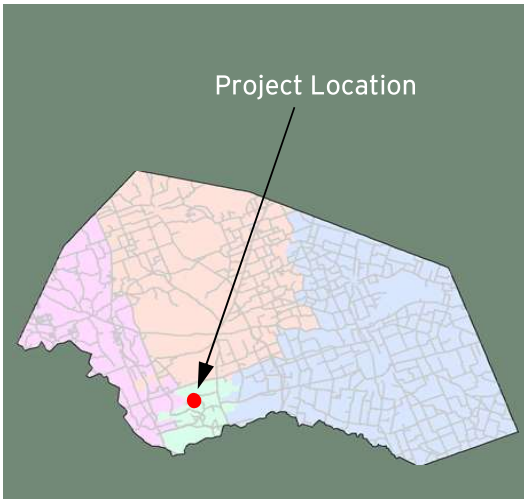
Letting	Award	Notice To Proceed	Begin Work	Substantial Completion	Work Accepted		Total Bid Days	Days Added	Total Days
9/1/2020	9/29/2020	1/5/2021	1/19/2021				60	0	60

Invoice Number	Beginning Date	Ending Date	Days Charged	Current Invoice	Invoice Total	Current Retainage	Total Retainage	% ($) Used	% Time Used
1	12/1/2020	12/31/2020		$9,000.00	$9,000.00	$1,000.00	$1,000.00	3	0
2	1/19/2021	1/31/2021	13	$68,562.00	$77,562.00	$7,618.00	$8,618.00	27	22

1/28/2020 Comments - Notice to Proceed was issued on 1/5/21, with time charges beginning on 1/19/21.

Adjusted Price = $319,866.00





Hairy Man Road / Brushy Creek Road Safety Improvements
(Brushy Bend to Sam Bass Road)

Project Length: 2.2 Miles
Roadway Classification: Major Collector

Project Schedule: February 2021 - December 2021
Estimated Construction Cost: $3.9 Million



FEBRUARY 2021 IN REVIEW

02/05/2021: A preconstruction meeting was held on 1/26/21. Notice to Proceed will be issued on 2/8/21.

02/12/2021: Notice to Proceed was issued on 2/8/21.

02/19/2021: No activities this week due to weather conditions.

02/26/2021: DeNucci set barricades and erosion control measures from the West end of project to Great Oaks Drive. Tree removal began on both sides of Hairy Man from the West end of the project to the Brushy Creek Pool utilizing one-lane two-way traffic control.



Design Engineer: Atkins
Contractor: DeNucci Constructors
Construction Observation:
Tracy Cooper, HNTB

Williamson County
Road Bond Program

HNTB

Hairy Man Rd. / Brushy Creek Rd. Improvements
Project No. T2232

Original Contract Price = $3,964,380.00

Letting	Award	Notice To Proceed	Begin Work	Substantial Completion	Work Accepted		Total Bid Days	Days Added	Total Days
11/18/2020	12/8/2020	2/8/2021	2/18/2021				309	0	309

Invoice Number	Beginning Date	Ending Date	Days Charged	Current Invoice	Invoice Total	Current Retainage	Total Retainage	% ($) Used	% Time Used
1	2/18/2021	2/28/2021	11	$113,634.00	$113,634.00	$12,626.00	$12,626.00	3	4

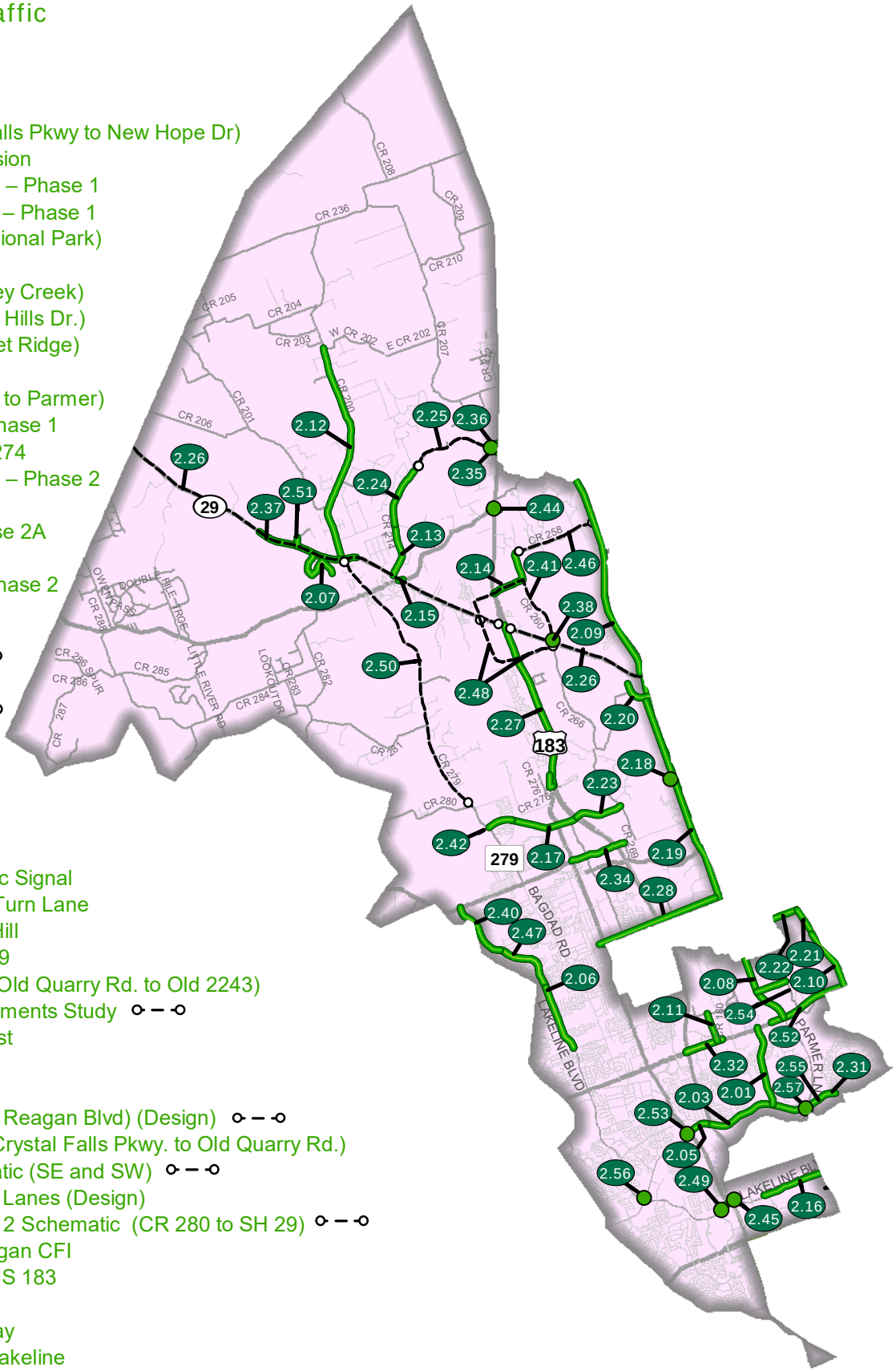
3/9/2021 Comments - The Notice to Proceed was issued 2/8/21 with Time Charges beginning 2/18/21.

Adjusted Price = $3,964,380.00

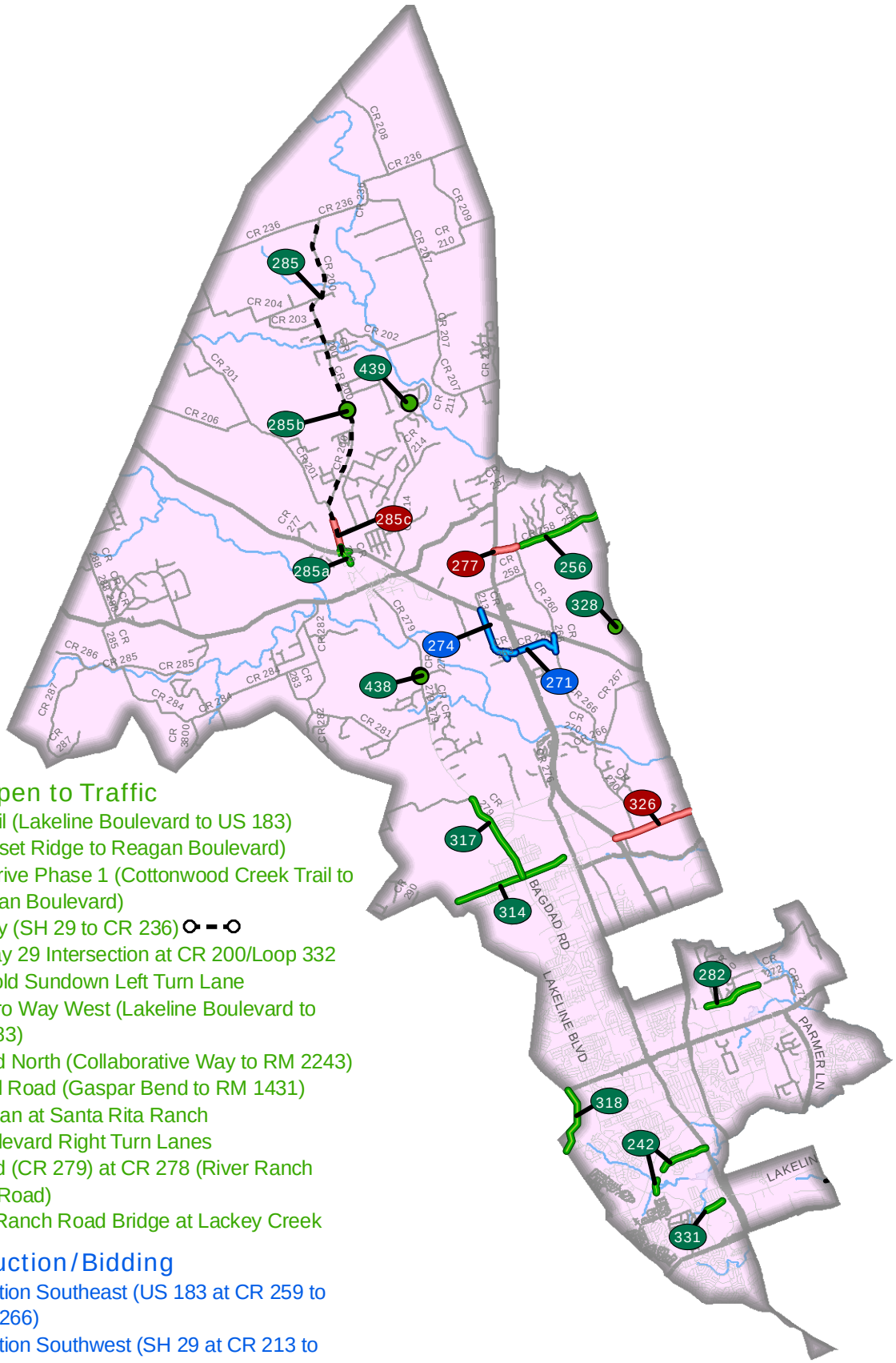
2006 Road Bond Program Projects
Precinct 2 - Commissioner Long

Completed/Open to Traffic

2.01 Vista Ridge Blvd.
2.03 Brushy Creek Road
2.05 Cypress Creek Road
2.06 Lakeline Blvd. (Crystal Falls Pkwy to New Hope Dr)
2.07 River Bend Oaks Subdivision
2.08 Ronald W. Reagan South – Phase 1
2.09 Ronald W. Reagan North – Phase 1
2.10 CR 175 (RM 1431 to Regional Park)
2.11 CR 185
2.12 CR 200 (CR 201 to Lackey Creek)
2.13 CR 214 (SH 29 to Rolling Hills Dr.)
2.14 CR 258 (US 183 to Sunset Ridge)
2.15 RM 1869 at SH 29
2.16 Lakeline Blvd. (Lyndhurst to Parmer)
2.17 San Gabriel Parkway – Phase 1
2.18 US 183 Widening at CR 274
2.19 Ronald W. Reagan South – Phase 2
2.20 Kauffman Loop
2.21 CR 175 Extension – Phase 2A
2.22 CR 179
2.23 San Gabriel Parkway – Phase 2
2.24 CR 214 – Phase 2A
2.25 CR 214 – Phase 2B Schematic
2.26 SH 29 Improvements Study & Schematic
2.27 US 183 (PTF)
2.28 CR 272
2.31 Brushy Creek Road
2.32 RM 1431
2.34 Hero Way
2.35 US 183 at FM 3405 Traffic Signal
2.36 US 183 at FM 3405 Left Turn Lane
2.37 SH 29 TWLTL in Liberty Hill
2.38 CR 260 / CR 266 at SH 29
2.40 Lakeline Blvd. Phase 2 (Old Quarry Rd. to Old 2243)
2.41 Seward Junction Improvements Study
2.42 San Gabriel Parkway West
2.44 US 183 at RM 1869
2.45 Lakeline Blvd. at US 183
2.46 CR 258 (Sunset Ridge to Reagan Blvd) (Design)
2.47 Lakeline Blvd. Phase 3 (Crystal Falls Pkwy. to Old Quarry Rd.)
2.48 Seward Junction Schematic (SE and SW)
2.49 Lakeline Blvd. Right Turn Lanes (Design)
2.50 Bagdad Rd. North Phase 2 Schematic (CR 280 to SH 29)
2.52 RM 1431 at Parmer/ Reagan CFI
2.53 Cypress Creek Road at US 183
2.54 CR 272 Overlay
2.55 Brushy Creek East Overlay
2.56 Cypress Creek Road at Lakeline
2.57 Brushy Creek Road at Parmer Lane



2013 Road Bond Program Projects
Precinct 2 - Commissioner Long



Completed/Open to Traffic

242 Little Elm Trail (Lakeline Boulevard to US 183)
256 CR 258 (Sunset Ridge to Reagan Boulevard)
282 New Hope Drive Phase 1 (Cottonwood Creek Trail to Ronald Reagan Boulevard)
285 CR 200 Study (SH 29 to CR 236)
285a State Highway 29 Intersection at CR 200/Loop 332
285b CR 200 at Bold Sundown Left Turn Lane
314 Old 2243/Hero Way West (Lakeline Boulevard to west of US 183)
317 Bagdad Road North (Collaborative Way to RM 2243)
318 Anderson Mill Road (Gaspar Bend to RM 1431)
328 Ronald Reagan at Santa Rita Ranch
331 Lakeline Boulevard Right Turn Lanes
438 Bagdad Road (CR 279) at CR 278 (River Ranch County Park Road)
439 San Gabriel Ranch Road Bridge at Lackey Creek

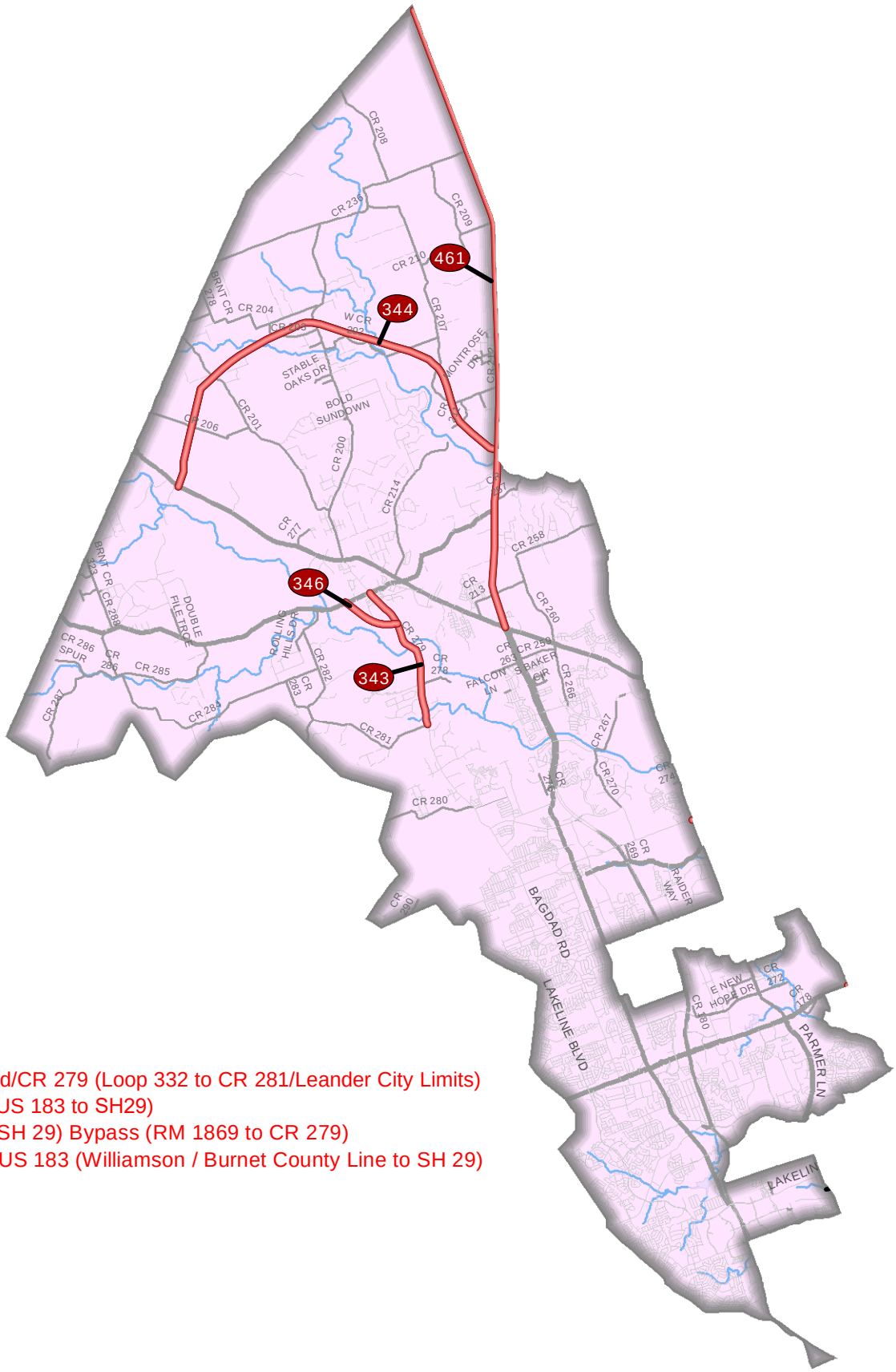
Under Construction/Bidding

271 Seward Junction Southeast (US 183 at CR 259 to SH 29 at CR 266)
274 Seward Junction Southwest (SH 29 at CR 213 to US 183 at CR 259)

In Design

277 CR 258 Extension (US 183 to Sunset Ridge Drive)
285c CR 200 (CMTA Railroad to CR 201)
326 RM 2243 Realignment (183A to Southwest Bypass)

2019 Road Bond Program Projects
Precinct 2 - Commissioner Long



In Design

343 Bagdad Road/CR 279 (Loop 332 to CR 281/Leander City Limits)
344 Corridor I2 (US 183 to SH29)
346 Liberty Hill (SH 29) Bypass (RM 1869 to CR 279)
461 Corridor F / US 183 (Williamson / Burnet County Line to SH 29)

Bagdad Road (CR 279) at CR 278 (River Ranch County Park Road)
Project No. 1805-229

Original Contract Price = $2,959,000.00

Letting	Award	Notice To Proceed	Begin Work	Substantial Completion	Work Accepted		Total Bid Days	Days Added	Total Days
8/15/2018	9/11/2018	10/18/2018	10/28/2018	2/13/2020			480		480

Invoice Number	Beginning Date	Ending Date	Days Charged	Current Invoice	Invoice Total	Current Retainage	Total Retainage	% ($) Used	% Time Used
1	10/28/2018	12/31/2018	65	$7,296.69	$7,296.69	$810.74	$810.74	0	14
2	1/1/2019	1/31/2019	31	$204,653.21	$211,949.90	$22,739.25	$23,549.99	8	20
3	2/1/2019	2/28/2019	28	$159,772.72	$371,722.62	$17,752.52	$41,302.51	14	26
4	3/1/2019	3/31/2019	31	$137,964.55	$509,687.17	$15,329.40	$56,631.91	20	32
5	4/1/2019	4/30/2019	30	$194,875.30	$704,562.47	$21,652.81	$78,284.72	27	39
6	5/1/2019	5/31/2019	31	$136,748.31	$841,310.78	$15,194.26	$93,478.98	33	45
7	6/1/2019	6/30/2019	30	$1,833.75	$843,144.53	$203.75	$93,682.73	33	51
8	7/1/2019	7/31/2019	31	$52,512.42	$895,656.95	$5,834.67	$99,517.40	35	58
9	8/1/2019	8/31/2019	31	$200,547.82	$1,096,204.77	$22,283.13	$121,800.53	43	64
10	9/1/2019	9/30/2019	30	$207,014.36	$1,303,219.13	$23,001.60	$144,802.13	51	70
11	10/1/2019	10/31/2019	31	$236,499.39	$1,539,718.52	$26,277.71	$171,079.84	60	77
12	11/1/2019	11/30/2019	30	$123,864.67	$1,663,583.19	$13,762.74	$184,842.58	65	83
13	12/1/2019	12/31/2019	31	$137,437.19	$1,801,020.38	$15,270.80	$200,113.38	70	90
14	1/1/2020	1/31/2020	31	$603,824.45	$2,404,844.83	$67,091.60	$267,204.98	93	96
15	2/1/2020	2/29/2020	14	$78,833.21	$2,483,678.04	$8,759.25	$275,964.23	96	99
16	3/1/2020	3/31/2020	0	$22,139.83	$2,505,817.87	$2,459.98	$278,424.21	97	99
17	4/1/2020	4/30/2020	0	$2,202.31	$2,508,020.18	$244.70	$278,668.91	97	99
18	5/1/2020	5/31/2020	0	$23,494.25	$2,531,514.43	$2,610.47	$281,279.38	98	99
19	6/1/2020	6/30/2020	0	$7,866.87	$2,539,381.30	$874.10	$282,153.48	99	99
20	7/1/2020	10/31/2020	0	$3,888.00	$2,543,269.30	$432.00	$282,585.48	99	99
21	1/1/2020	1/31/2021	0	$211,939.11	$2,755,208.41	-$211,939.11	$70,646.37	99	99

3/9/2021 Comments - Retainage has been released. Awaiting grass growth and then Engineer to certify.
1/28/2021 Comments - Awaiting grass growth.

Change Order Number	Approved	Cost This CO	Total COs
01	11/26/2019	$53,416.00	$ 53,416.00

1A: Design Error or Omission. Incorrect PS&E. This change order adds new bid items for the design revision to add a service meter to the 12" waterline. This change order also replaces the DR-18 waterline pipe called for in the plans with a DR-14 pipe inside the park. 3F: County Convenience. Additional work desired by the County. This change order adds new bid items for the connection of 12" waterline to the waterline installed by others at the west end of the park road, for additional tapping saddle for landscape irrigation, and 4" PVC sleeves under roadway for future irrigation and electrical needs in the park. This change order also replaces the Type 1 ground box with a Type D ground box for the communication line along the park road.

Change Order Number	Approved	Cost This CO	Total COs
02	5/19/2020	$7,944.11	$ 61,360.11

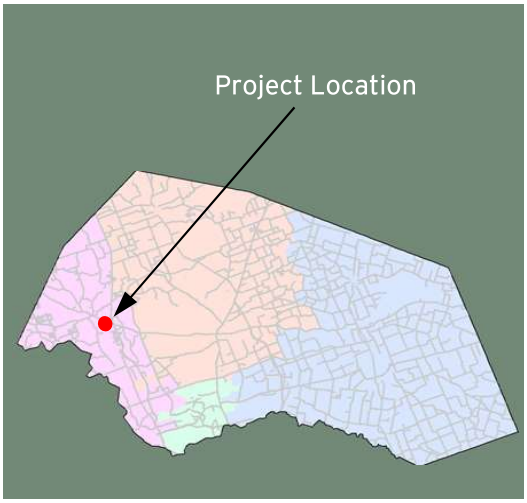
3F: County Convenience. Additional work desired by the County. This Change Order adds new property fence on the south side of the River Ranch Park Road to replace the existing old wire fence as requested by the County's Parks Department. 2E: Differing Site Conditions (unforeseeable). Miscellaneous difference in site conditions (unforeseeable) This Change Order adjusts the quantities of Type D fencing and Type 1 gate as a result of addressing difference in site conditions. The proposed wire fence and gate on west side right of way in front of Highland Oaks subdivision is no longer needed. Also, the driveways at Sta 549+19 and 566+64 have recessed gates and do not require new gates to be installed.

Change Order Number	Approved	Cost This CO	Total COs
03	11/17/2020	-$158,852.09	$ (97,491.98)

2E: Differing Site Conditions (unforseeable). Miscellaneous difference in site conditions (unforseeable). This Change Order provides the final balancing for the overrun/underrun of Contract quanities on the project as a result of addressing field conditions not accounted for in the original plans.

Adjusted Price = $2,861,508.02





Seward Junction Improvements
(SH 29 to CR 266 & CR 266 South of 259 to SH 29)

Project Length: 2.9 Miles
Roadway Classification: Minor Urban Collector

Project Schedule: May 2019 - March 2021
Estimated Construction Cost: $13.9 Million



FEBRUARY 2021 IN REVIEW

02/05/2021: **Southwest:** The striping was laid out throughout the entire project. **Southeast:** The Contractor removed concrete forms and cleaned up materials. Topsoil was placed from US 183 towards the east in the median and the south side of the roadway. CR 260 has been closed and the excavation to subgrade has begun. **US 183 Crossover:** No work on the crossover. **PEC Pond:** The masonry rock wall was completed in the pond, the rock riprap was placed for the splitter box outfall in the pond, and topsoil was placed in the floor of the pond.

02/12/2021: **Southwest:** Subcontractor Tx Materials placed the Ty D surface mix on CR 263 and Falcon. Subcontractor ESSI seeded the finished topsoil from SH 29 to roughly 1200' south of SH 29. **Southeast:** Subcontractor Tx Materials placed the Ty B and Ty D hot mix on the eastbound transition between the concrete paving just east of US 183. Subgrade was finished and the first course of flex base has been placed and processed from the south tie-in to Terra Del Sol on CR 260. **US 183 Crossover:** Subcontractor Tx Materials completed the Ty D surface placement on the crossover and the left turn lanes. **PEC Pond:** The topsoil was completed on the floor of the pond.



Design Engineer: K Friese and Aguirre & Fields
Contractor: Jordan Foster Construction
Construction Observation:
Steven Shull, HNTB

Williamson County
Road Bond Program

HNTB

Seward Junction Improvements (SH 29 to CR 266 & CR 259 to SH 29)
Project No. 1812-282 Original Contract Price = $13,270,258.10

Letting	Award	Notice To Proceed	Begin Work	Substantial Completion	Work Accepted	Total Bid Days	Days Added	Total Days
12/19/2018	3/5/2019	4/22/2019	5/2/2019			600	60	660

Invoice Number	Beginning Date	Ending Date	Days Charged	Current Invoice	Invoice Total	Current Retainage	Total Retainage	% ($) Used	% Time Used
1	5/2/2019	6/30/2019	60	$1,138,506.71	$1,138,506.71	$126,500.75	$126,500.75	9	9
2	7/1/2019	7/31/2019	31	$900,193.70	$2,038,700.41	$100,021.52	$226,522.27	16	14
3	8/1/2019	8/31/2019	31	$500,440.00	$2,539,140.41	$55,604.44	$282,126.71	20	18
4	9/1/2019	9/30/2019	30	$781,187.35	$3,320,327.76	$86,798.60	$368,925.31	27	23
5	10/1/2019	10/31/2019	31	$629,436.02	$3,949,763.78	$69,937.33	$438,862.64	32	28
6	11/1/2019	11/30/2019	30	$278,357.53	$4,228,121.31	$30,928.62	$469,791.26	34	32
7	12/1/2019	12/31/2019	31	$499,295.12	$4,727,416.43	$55,477.23	$525,268.49	38	37
8	1/1/2020	1/31/2020	31	$507,587.04	$5,235,003.47	$56,398.56	$581,667.05	42	42
9	2/1/2020	2/29/2020	29	$495,830.37	$5,730,833.84	$55,092.26	$636,759.31	46	46
10	3/1/2020	3/31/2020	31	$1,495,940.26	$7,226,774.10	-$256,402.78	$380,356.53	55	51
11	4/1/2020	4/30/2020	30	$925,168.98	$8,151,943.08	$48,693.11	$429,049.64	62	55
12	5/1/2020	5/31/2020	31	$751,064.06	$8,903,007.14	$39,529.68	$468,579.32	68	60
13	6/1/2020	6/30/2020	30	$728,210.17	$9,631,217.31	$38,326.85	$506,906.17	73	65
14	7/1/2020	7/31/2020	31	$418,630.14	$10,049,847.45	$22,033.17	$528,939.34	76	69
15	8/1/2020	8/31/2020	31	$266,456.21	$10,316,303.66	$14,024.01	$542,963.35	78	74
16	9/1/2020	9/30/2020	30	$216,227.68	$10,532,531.34	$11,380.40	$554,343.75	80	78
17	10/1/2020	10/31/2020	31	$121,663.91	$10,654,195.25	$6,403.38	$560,747.13	81	83
18	11/1/2020	11/30/2020	30	$386,714.54	$11,040,909.79	$20,353.38	$581,100.51	84	88
19	12/1/2020	12/31/2020	31	$188,106.89	$11,229,016.68	$9,900.37	$591,000.88	85	92
20	1/1/2021	1/31/2021	31	$110,227.19	$11,339,243.87	$5,801.43	$596,802.31	86	97
21	2/1/2021	2/28/2021	28	$371,751.27	$11,710,995.14	$19,565.86	$616,368.17	89	101

Change Order Number	Approved	Cost This CO	Total COs
01	2/28/2020	$112,306.36	$ 112,306.36

1A: Design Error or Omission. Incorrect PS&E. This change order revises items and quantities that were entered incorrectly or omitted in the bid tab for Seward Junction SW, Seward Junction SE and PEC Pond.

Change Order Number	Approved	Cost This CO	Total COs
02	6/16/2020	$9,946.75	$ 122,253.11

1A: Design Error or Omission. Incorrect PS&E. This Change Order adds a pay item to adjust existing manholes located within the ROW to match finish grade. The manholes are on the existing LCRA line that runs through the project. The manholes were shown in the plans but a bid item to cover the cost of the adjustments to these manholes were not included in the original plans.

Change Order Number	Approved	Cost This CO	Total COs
03	7/21/2020	$3,372.67	$ 125,625.78

2G: Differing Site Conditions (Unforseeable). Unadjusted utility (unforeseeable). This Change Order compensates the Contractor for additional work to lower an existing wastewater line that is in conflict with the proposed driveway culvert located on CR 266 approximately 500 feet south of the SH 29 intersection on the east side of the roadway. The location of the line was not identified in the plans and the Contractor damaged the line while excavating for the driveway culvert. This work is located in the Seward Junction Southeast portion of the project.

Change Order Number	Approved	Cost This CO	Total COs
04	8/4/2020	$17,647.04	$ 143,272.82

2J: Differing Site Conditions (unforeseeable). Other. This Change Order adds Work Zone Pavement Mark Removeable pay items to the contract. The plans included Work Zone Pavement Mark Non-Removeable items that worked with the asphalt pavement section. Since the roadway is concrete paving, Work Zone Pavement Mark Removeable items needed to be added for the different phases and traffic switches called for in the plans. This applies to the Seward Junction Southeast portion of the project.

Change Order Number	Approved	Cost This CO	Total COs
05	8/4/2020	$272,222.65	$ 415,495.47

2G: Differing Site Conditions (Unforseeable). Unadjusted utility (unforeseeable). This Change Order compensates the Contractor for additional work to install a new 6" and a new 8" wastewater line, a new 6" water line, and remove an existing wastewater vault that has been abandoned. The installation of the new underground utilities are necessary because the existing lines are in conflict with the proposed construction at the intersection of SH 29 and Seward Junction Southwest. The utilities belong to the City of Liberty Hill.

Change Order Number	Approved	Cost This CO	Total COs
06	10/6/2020	$681.04	$ 416,176.51

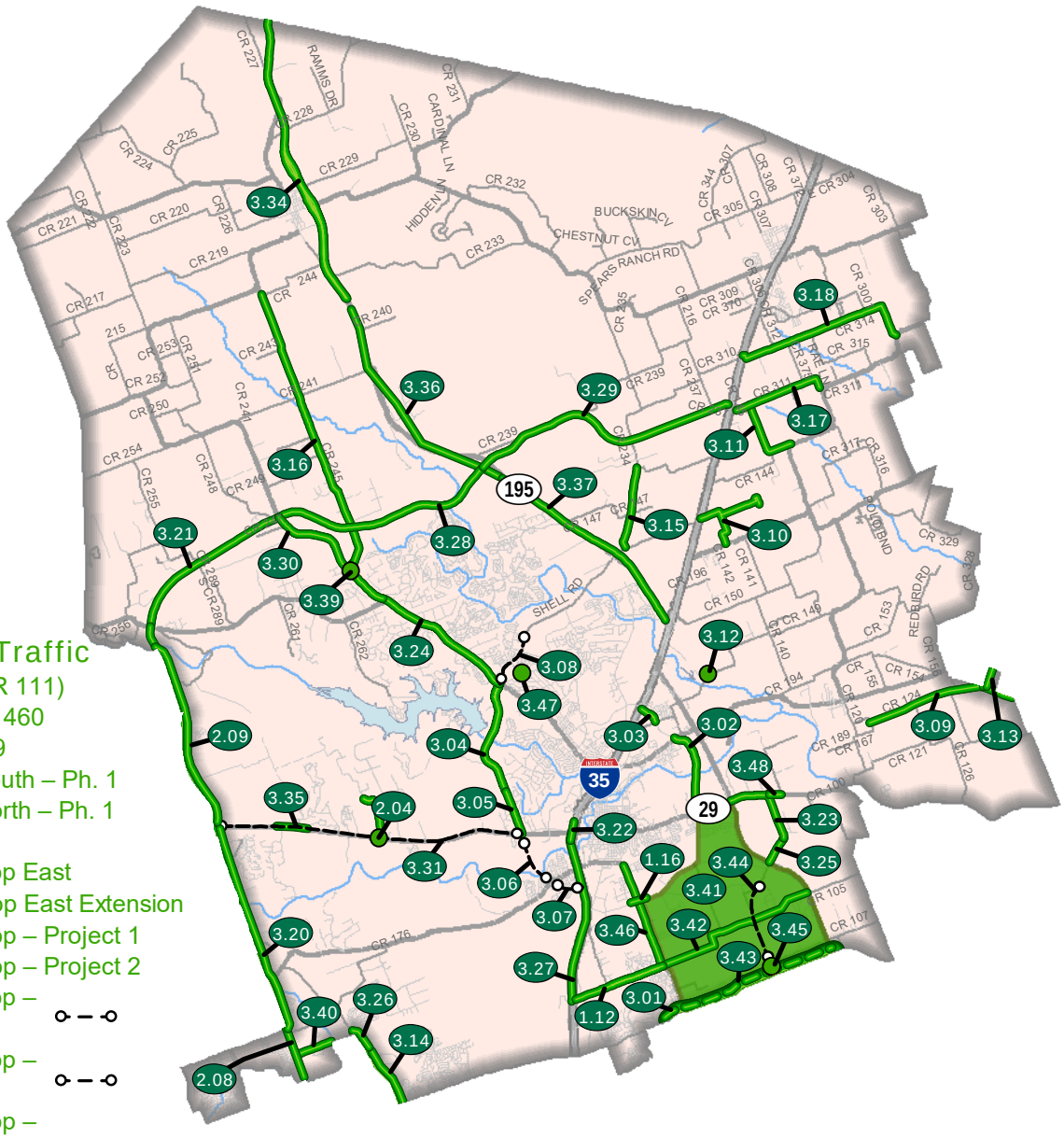
2C: Differing Site Conditions (unforseable) New development (conditions changing after PS&E completed). This Change Order adds the latest Guardrail End Treatment (MSKT) standard to the contract. 2E: Differeing Site Conditions. Miscellaneous difference in site conditions (unforeseeable)(Item 9). This Change Order adds work to extend a storm sewer pipe, revises the slope on some SET's from 4:1 to 3:1 (RFI 28), due to a change in the PGL of the roadway. A pipe underdrain system was added to the contract to address groundwater encountered during construction of the roadway (RFI #29). Construction Exit items that were not used on the project were deleted from the contract. This Change Order is for work in the Southeast portion of the project.

Change Order Number	Approved	Cost This CO	Total COs
07	2/2/2021	$194,882.66	$ 611,059.17

3F: County Convenience. Additional work desired by the County. This Change Order adds the reconstruction of a 500' portion of CR 260 from SH 29 to Terra del sol Parkway to the contract at the request of Williamson County.

Adjusted Price = $13,881,317.27

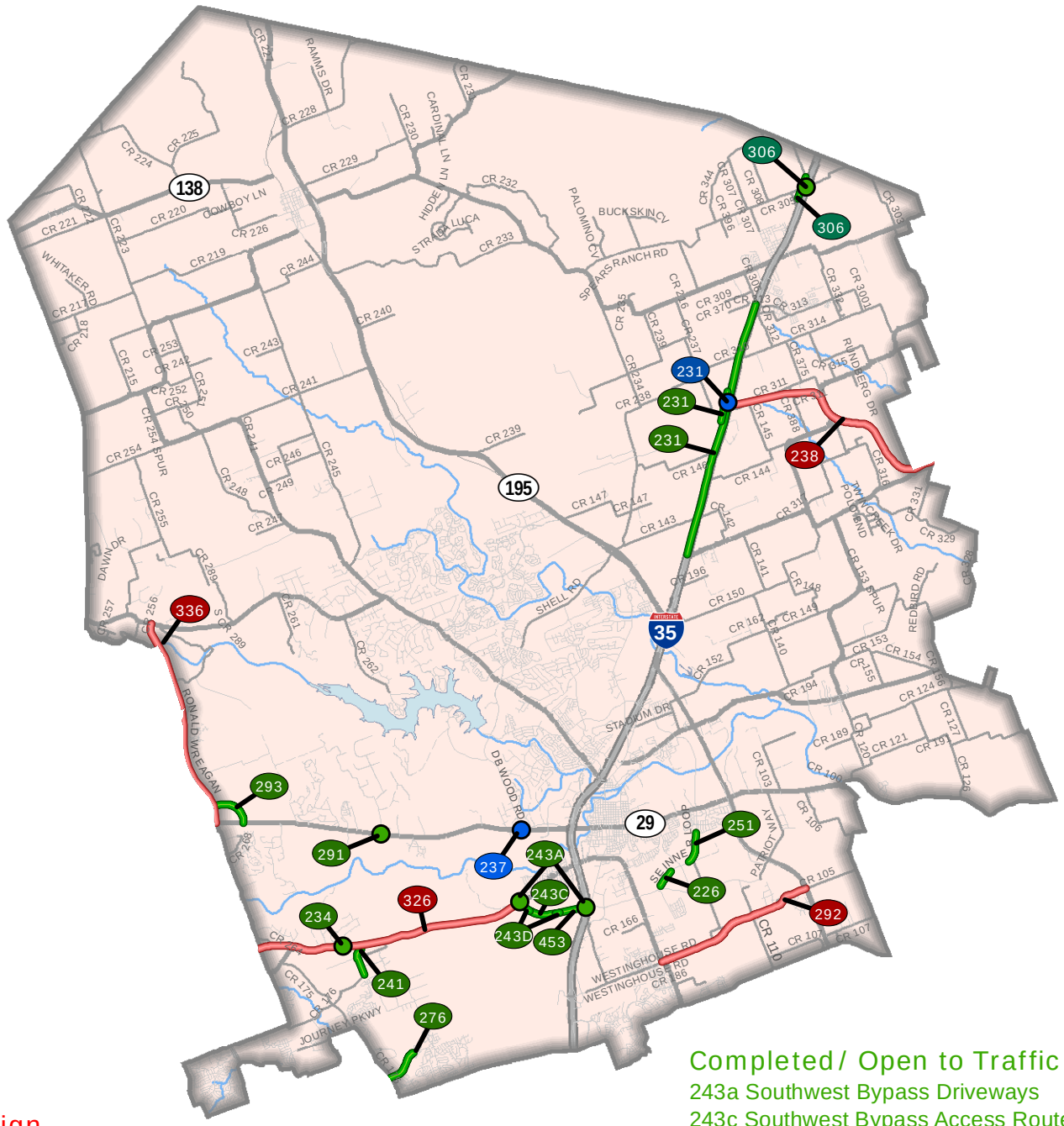
2006 Road Bond Program Projects
Precinct 3 - Commissioner Covey



Completed / Open to Traffic

1.12 Westinghouse Rd. (CR 111)
1.16 SE Inner Loop at FM 1460
2.04 Cedar Hollow at SH 29
2.08 Ronald W. Reagan South – Ph. 1
2.09 Ronald W. Reagan North – Ph. 1
3.01 FM 1460 to CR 110
3.02 Georgetown Inner Loop East
3.03 Georgetown Inner Loop East Extension
3.04 Georgetown Inner Loop – Project 1
3.05 Georgetown Inner Loop – Project 2
3.06 Georgetown Inner Loop – Project 3 Study
3.07 Georgetown Inner Loop – Project 4 Study
3.08 Georgetown Inner Loop – Project 5 Study
3.09 CR 124
3.10 CR 142
3.11 CR 145
3.12 CR 152 Bridge Replacement
3.13 CR 157
3.14 CR 175
3.15 CR 234
3.16 CR 245
3.17 CR 311
3.18 CR 314
3.20 Ronald W. Reagan South - Phase 2
3.21 Ronald W. Reagan North - Phase 2
3.22 IH-35 at SH 29 Turnarounds (PTF)
3.48 SH 29 Widening - 12" Water Main Relocation
3.23 SH 29/CR 104 – Phase 1
3.24 Williams Drive (RM 2338)
3.25 CR 104 – Phase 2
3.26 CR 175 Extension - Phase 2A
3.27 IH 35 Northbound Frontage Rd. and Ramps
3.28 Ronald W. Reagan North - Phase 3
3.29 Ronald W. Reagan North - Phase 4
3.30 RM 2338 (PTF)
3.31 SH 29 Improvements Study & Schematic
3.34 SH 195 Project 1
3.35 SH 29 at Park Place Dr. & Jack Nicklaus Blvd.
3.36 SH 195 Project 2
3.37 SH 195 Project 3
3.39 CR 245 Realignment
3.40 CR 179
3.41 CR 110 / Arterial A Study (design)
3.42 CR 111 / CR 105 Westinghouse Rd. (FM 1460 to SH 130) (design)
3.43 University Blvd. (Chandler Rd) Expansion (Design)
3.44 CR 110 North (North of CR 107 to North of Sam Houston) (Design)
3.45 CR 110 Middle (North of Limmer Loop to CR 107)
3.46 FM 1460 North
3.47 Madrid Drive Extension

2013 Road Bond Program Projects
Precinct 3 - Commissioner Covey



In Design

238 Ronald Reagan Boulevard Extension Planning (IH 35 to SH 95)
292 CR 111 / CR 105 Westinghouse (FM 1460 to SH 130)
326 RM 2243 Realignment (183A to Southwest Bypass)
336 Ronald Reagan Boulevard Widening (SH 29 to FM 3405)

Under Construction/Bidding

231 Ronald Reagan Boulevard at IH 35 Bridge Replacement
237 SH 29 at DB Wood (Intersection Improvements)

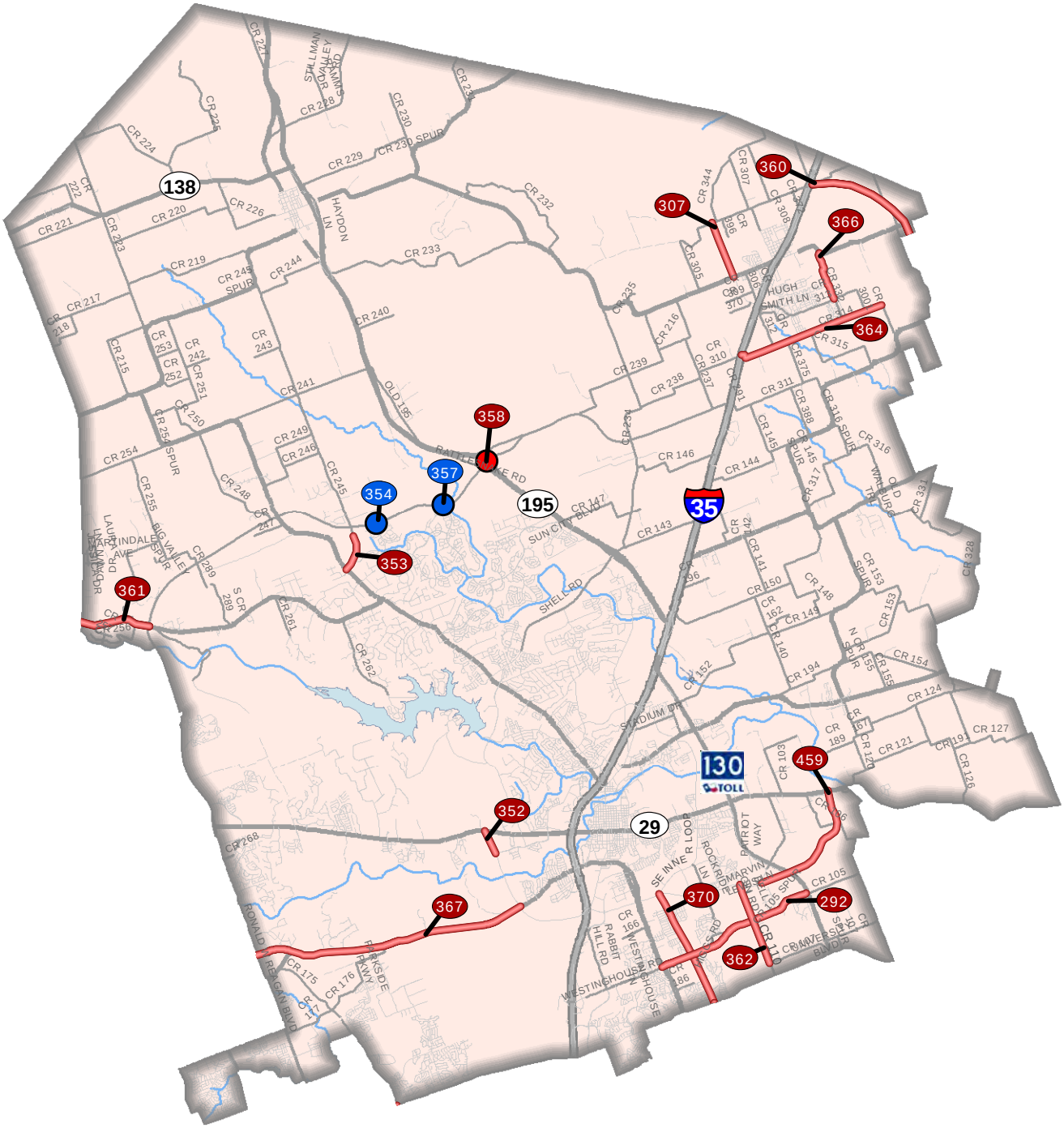
Completed/ Open to Traffic

226 Inner Loop Safety Improvements (Rockride Lane to Wilco Way)
231 IH 35 Ramp Reversal and Frontage Road Conversion (FM 972 to CR 312)
231 Relocation of 48" Williamson County Regional Raw Waterline - Line B
234 RM 2243 at Escalera Parkway (Intersection Improvements)
241 CR 176 at RM 2243 Intersection (Safety Improvements)

Completed/ Open to Traffic (con't)

243a Southwest Bypass Driveways
243c Southwest Bypass Access Route
243d Southwest Bypass Segment 2 (Southbound IH 35 to RM 2243)
251 Inner Loop Safety Improvements (Belmont Drive to Rockride Lane)
276 Arterial H Extension Phase 1 (CR 175 to Massey Way)
291 SH 29 at Cedar Hollow (Intersection Improvements)
293 Kauffman Loop Phase 1 - Two Lanes (northeast quadrant of Reagan at SH 29)
306 CR 305 at IH 35 Bridge Replacement
306 Relocation of 48" Williamson County Regional Raw Waterline - Line A
453 Southwest Bypass Segment 1 (Southbound IH 35 to 0.5 miles west)

2019 Road Bond Program Projects
Precinct 3 - Commissioner Covey



In Design

292 CR111/CR105 Westinghouse (FM 1460 to SH 130)
307 Bud Stockton Extension (CR 305 to FM 487)
352 Southwest Bypass Extension (SH 29 to Wolf Ranch Parkway)
353 CR 245 (North of RM 2338 to Ronald Reagan Boulevard)
358 SH 195 at Ronald Reagan Boulevard
360 Corridor E5 (Ronald Reagan Extension/Corridor D to IH 35/CR 305)
361 Corridor I1 (FM 3405) (Ronald Reagan Boulevard to US 183)
362 CR 110 North (CR 107 to Patriot Way/Sam Houston Avenue)
364 CR 314 Safety Improvement (IH 35 Northbound Frontage Rd to East of CR 3001)
366 CR 332 Realignment (South of FM 487 to North of CR 313)
367 RM 2243 (Ronald Reagan Boulevard to Southwest Bypass)
370 MoKan (Georgetown Inner Loop to University Boulevard)
459 Southeast Inner Loop Extension (Corridor C) (Sam Houston Avenue at Patriot Way to SH 29)

Under Construction/Bidding

354 Ronald Reagan at Silver Spur Boulevard
357 Ronald Reagan at Sun City Boulevard

CR 176 at RM 2243 (RM 2243 at Parkside Parkway)
Project No. 1901-285

Original Contract Price = $2,447,560.00

Letting	Award	Notice To Proceed	Begin Work	Substantial Completion	Work Accepted		Total Bid Days	Days Added	Total Days
1/8/2019	3/26/2019	7/26/2019	8/5/2019	7/10/2020			229	60	289

Invoice Number	Beginning Date	Ending Date	Days Charged	Current Invoice	Invoice Total	Current Retainage	Total Retainage	% ($) Used	% Time Used
1	8/5/2019	8/7/2019	3	$72,005.40	$72,005.40	$8,000.60	$8,000.60	3	1
2	8/8/2019	8/31/2019	24	$182,903.40	$254,908.80	$20,322.60	$28,323.20	10	9
3	9/1/2019	9/30/2019	30	$256,030.43	$510,939.23	$28,447.83	$56,771.03	19	20
4	10/1/2019	10/31/2019	31	$404,602.62	$915,541.85	$44,955.84	$101,726.87	34	30
5	11/1/2019	11/30/2019	30	$172,401.65	$1,087,943.50	$19,155.74	$120,882.61	41	41
6	12/1/2019	12/31/2019	31	$49,862.16	$1,137,805.66	$5,540.24	$126,422.85	43	52
7	1/1/2020	1/31/2020	31	$4,983.70	$1,142,789.36	$553.75	$126,976.60	43	62
8	2/1/2020	2/29/2020	29	$350,483.90	$1,493,273.26	-$48,383.27	$78,593.33	53	72
9	3/1/2020	3/31/2020	31	$148,264.69	$1,641,537.95	$7,803.40	$86,396.73	58	83
10	4/1/2020	4/30/2020	30	$232,512.45	$1,874,050.40	$12,237.50	$98,634.23	66	93
11	5/1/2020	5/31/2020	31	$20,527.25	$1,894,577.65	$1,080.38	$99,714.61	67	104
12	6/1/2020	6/30/2020	30	$239,695.54	$2,134,273.19	$12,615.56	$112,330.17	76	115
13	7/1/2020	7/31/2020	10	$32,529.38	$2,166,802.57	$1,712.07	$114,042.24	77	118
14	8/1/2020	8/31/2020	0	$40,322.75	$2,207,125.32	$2,122.25	$116,164.49	78	118
15	9/1/2020	9/30/2020	0	$162,165.00	$2,369,290.32	$8,535.00	$124,699.49	84	118
16	10/1/2020	10/31/2020	0	$227,976.42	$2,597,266.74	$11,998.76	$136,698.25	92	118
17	11/1/2020	11/30/2020	0	$1,839.00	$2,599,105.74	$96.79	$136,795.04	92	118

3/9/2021 Comments - Awaiting grass growth, before releasing final retention.

1/28/2021 Comments - Negotiations have been completed for the waterline adjustments. Construction will resume in February 2020.

Change Order Number	Approved	Cost This CO	Total COs
01	12/17/2019	$208,869.67	$ 208,869.67

4B: Third Party Accommodation. Third party requested work. This Change Order adds relocation of the existing Brushy Creek Municipal Utility District (BCMUD) water line along CR 176 and revises the City of Georgetown water line relocations on the project.

Change Order Number	Approved	Cost This CO	Total COs
02	6/16/2020	$63,776.63	$ 272,646.30

3F: County Convenience. Additional work desired by the County. This Change Order adds various items of work to the contract, including: removal of an existing driveway, a mail box turnout, a pedestrian curb ramp, wire mesh fencing and gates, realigns a ditch to improve drainage, widens driveway radii, water pumping, storm sewer pipe and safety end treatments at a driveway and milling of asphalt on RM 2243. 2E: County Convenience. Differing site conditions. Miscellaneous difference in site condition (unforeseeable). This change order compensates the contractor for work necessary to find the existing cave and removes a driveway along RM 2243 that was constructed before the job started and not addressed in the plans.

Change Order Number	Approved	Cost This CO	Total COs
03	8/4/2020	($204,858.75)	$ 67,787.55

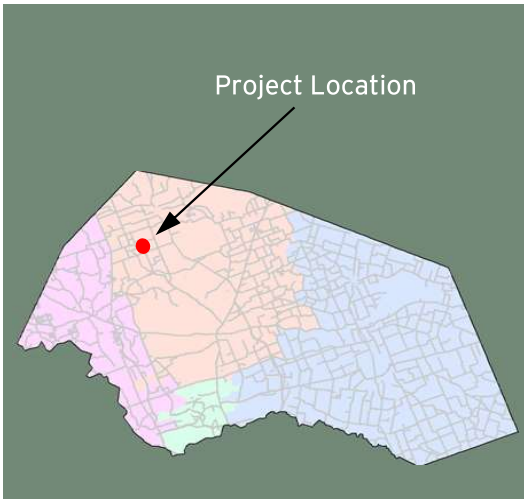
2E: Differing Site Conditions. Miscellaneous difference in site conditions (unforseeable). This Change Order deletes the quantity for Item 162 Mulch Topdressing and Items 260 related to the Lime Treated Subgrade. The Contractor was able to salvage high quality topsoil from the project limits and reuse that material on the final project. The topsoil used did not require the addition of mulch to establish vegetation or prevent erosion. The Lime Treated Subgrade items were deleted due to the high quality of existing material encountered at subgrade elevation. Lab testing determined that the existing material contained a low enough PI that lime treatment of the subgrde was not necessary.

Change Order Number	Approved	Cost This CO	Total COs
04	8/4/2020	$452,885.58	$ 520,673.13

3F: County Convenience. Additional work desired by the County. This Change Order adds a Shared Use Path to (SUP) the project at the request of the County. The path extends from RM 2243 (Leander Road) to CR 176 and is located along the west right of way. The SUP required a pedestrian crossing of Parkside Parkway on

Adjusted Price = $2,968,233.13





Ronald Reagan at Silver Spur
Ronald Reagan at Sun City
(Intersection Improvements)

Project Length: .6 Miles
Roadway Classification: Rural Arterial

Project Schedule: December 2020 - April 2021
Estimated Construction Cost: $.9 Million



FEBRUARY 2021 IN REVIEW



02/05/2021: The first and second lifts of flexible base were placed on the north side of Ronald Reagan, east and west of Silver Spur. The turn lane to Silver Spur was excavated to subgrade.

02/12/2021: James Construction continued placing the third lift of flexible base on the north side of Ronald Reagan, east and west of Silver Spur. The turn lane and acceleration lane at Silver Spur was excavated to subgrade and began placing 1st lift of flexible base. No work was done at Sun City.

02/19/2021: No activities this week due to weather conditions.

02/26/2021: Ditch grading was completed at the ditch on the north side of Ronald Reagan at Silver Spur. No activities this week at Sun City due to weather conditions.

Design Engineer: WSB Engineering
Contractor: QA Construction
Construction Observation:
Dave Thomas, HNTB

Williamson County
Road Bond Program

HNTB

Ronald Reagan at Silver Spur / Ronald Reagan at Sun City Intersections (Intersection Improvementst)
Project No. T1873 Original Contract Price = $875,350.00

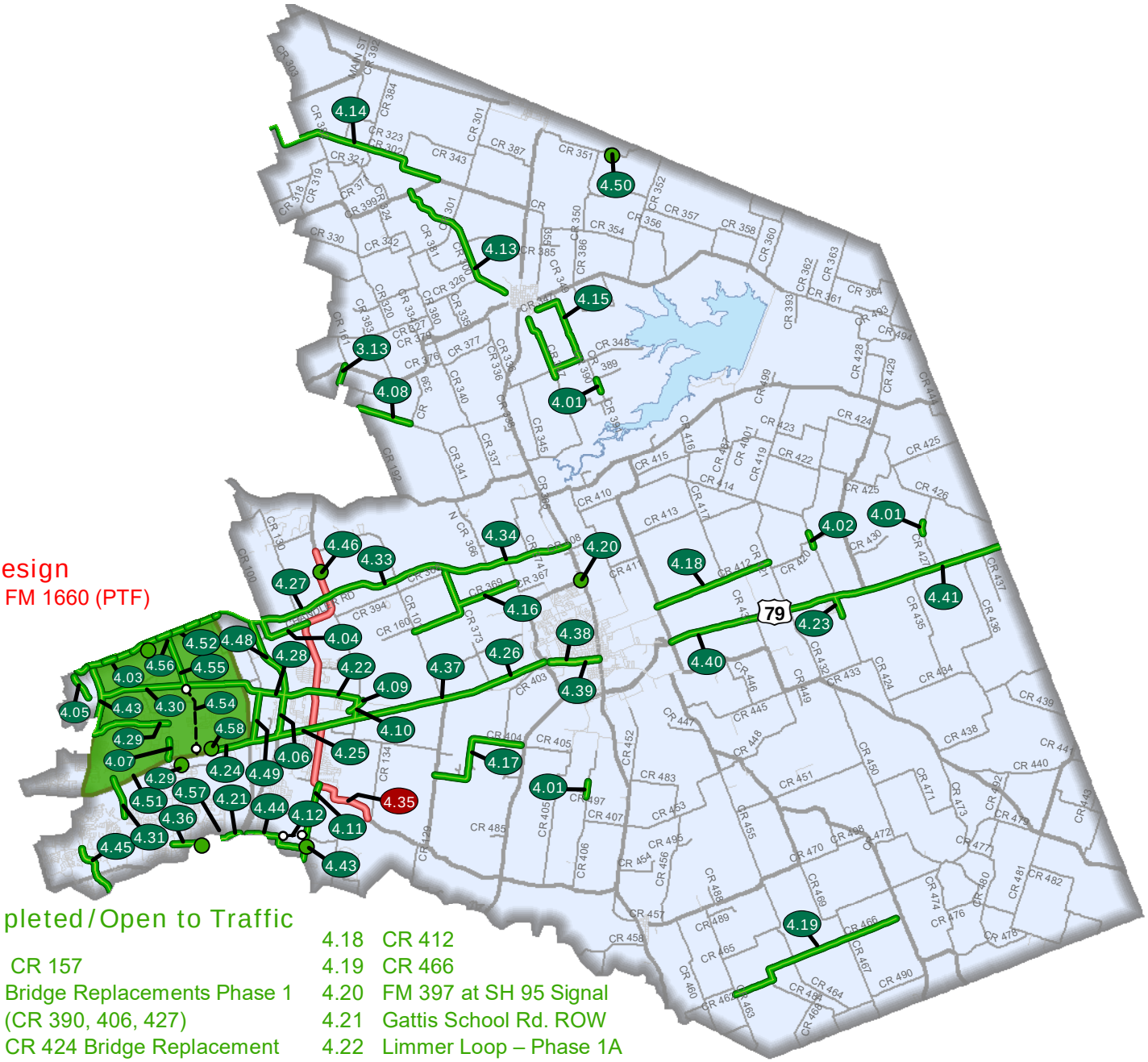
Letting	Award	Notice To Proceed	Begin Work	Substantial Completion	Work Accepted		Total Bid Days	Days Added	Total Days
10/6/2020	10/13/2020	11/24/2020	12/8/2020				142		142

Invoice Number	Beginning Date	Ending Date	Days Charged	Current Invoice	Invoice Total	Current Retainage	Total Retainage	% ($) Used	% Time Used
1	12/8/2020	12/30/2020	23	$107,172.03	$107,172.03	$11,908.00	$11,908.00	14	16
2	12/31/2020	1/31/2021	32	$56,797.20	$163,969.23	$6,310.80	$18,218.80	21	39

1/28/2021 Comments - Time charges began 12/8/2020.

Adjusted Price = $875,350.00

2006 Road Bond Program Projects
Precinct 4 - Commissioner Boles



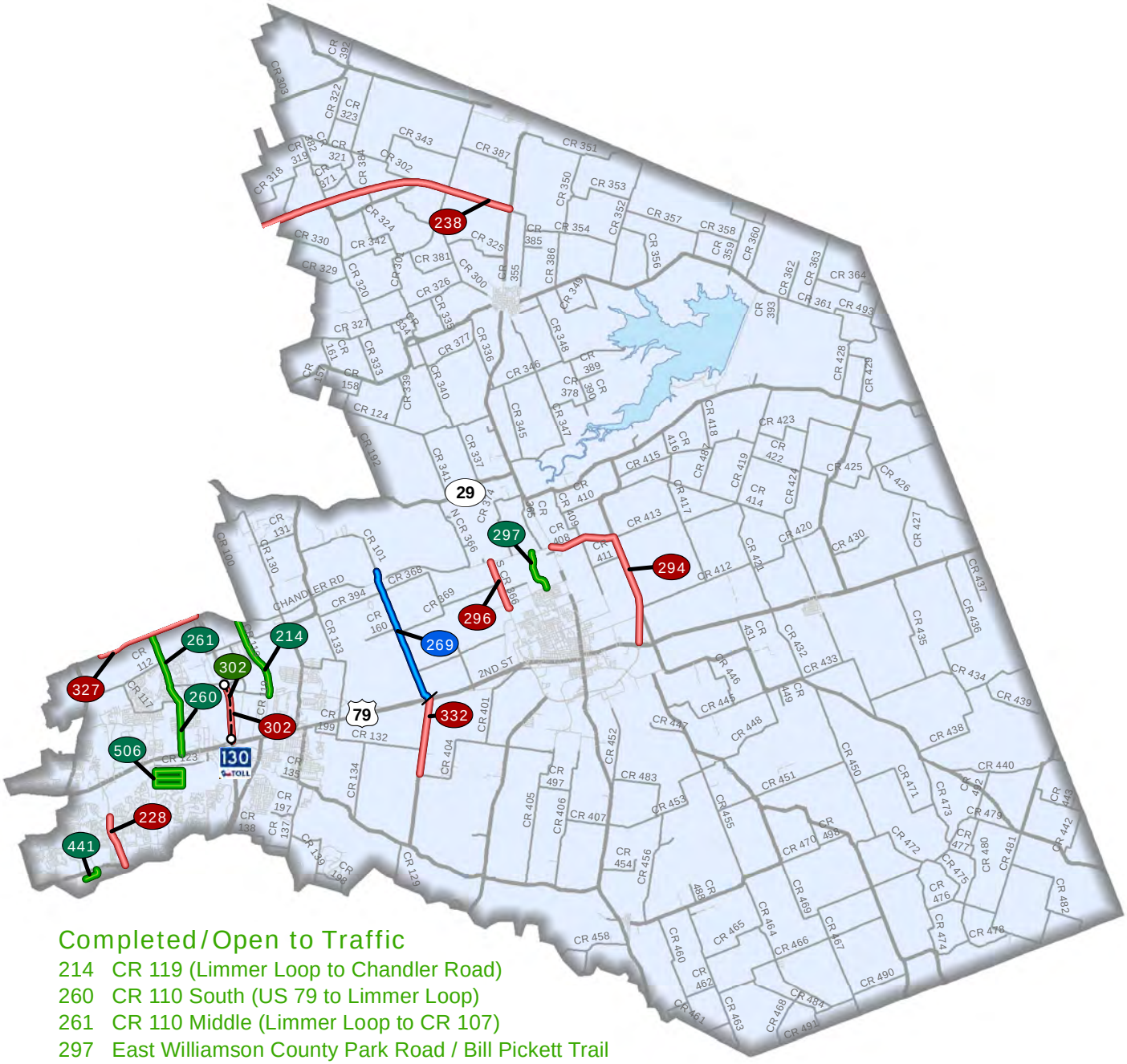
In Design

4.35 FM 1660 (PTF)

Completed/Open to Traffic

3.13 CR 157
4.01 Bridge Replacements Phase 1 (CR 390, 406, 427)
4.02 CR 424 Bridge Replacement
4.03 Chandler Rd. – Phase 1
4.04 CR 100
4.05 CR 112 – Phase 1
4.06 CR 119
4.07 CR 122 at US 79
4.08 CR 124
4.09 CR 132
4.10 CR 136
4.11 CR 137
4.12 CR 138 & CR 139 Alignment Study
4.13 CR 300 & CR 301
4.14 CR 302
4.15 CR 347 & CR 348
4.16 CR 368 & CR 369 (CR 101 to CR 366)
4.17 CR 404
4.18 CR 412
4.19 CR 466
4.20 FM 397 at SH 95 Signal
4.21 Gattis School Rd. ROW
4.22 Limmer Loop – Phase 1A
4.23 Thrall School Zone
4.24 US 79 – Section 1
4.25 US 79 – Section 2
4.26 US 79 – Section 3A
4.27 Chandler Rd. – Phase 2
4.28 Limmer Loop – Phase 1B
4.29 CR 113 / Old Settlers Blvd.
4.30 Limmer Loop – Phase 1C
4.31 Kenney Fort Boulevard – Phase 1
4.33 Chandler Rd. – Phase 3A
4.34 Chandler Rd. – Phase 3B
4.36 Gattis School Road
4.37 US 79 - Section 3 (PTF)
4.38 2nd Street Improvements
4.39 2nd Street Drainage Improvements
4.40 US 79 Section 5A (PTF)
4.41 US 79 Section 5B (PTF)
4.43 FM 1460 Section 2
4.44 CR 138
4.45 CR 170
4.46 FM 1660 at Landfill Rd. (CR 128)
4.48 CR 119
4.49 CR 108
4.50 CR 351 at Donahoe Creek
4.51 CR 110/ Arterial A Study Area
4.52 University Blvd. (Chandler Rd.) Expansion
4.54 CR 110 South - (Design) (US 79 to Limmer Lp)
4.55 CR 110 Middle (North of Limmer Loop to CR 107)
4.56 CR 110 at University Blvd. (Signal)
4.57 Gattis School Rd. at Winterfield Dr. (Signal)
4.58 Tradesman Park Crossing

2013 Road Bond Program Projects
Precinct 4 - Commissioner Boles



Completed/Open to Traffic

214 CR 119 (Limmer Loop to Chandler Road)
260 CR 110 South (US 79 to Limmer Loop)
261 CR 110 Middle (Limmer Loop to CR 107)
297 East Williamson County Park Road / Bill Pickett Trail (Carlos Parker Boulevard to Chandler Road)
302 SH 130 Traffic Study
441 Roundville Lane (A.W. Grimes Boulevard to EBFR of SH 45)
506 Oak Bluff and Greenfield Drainage Improvements

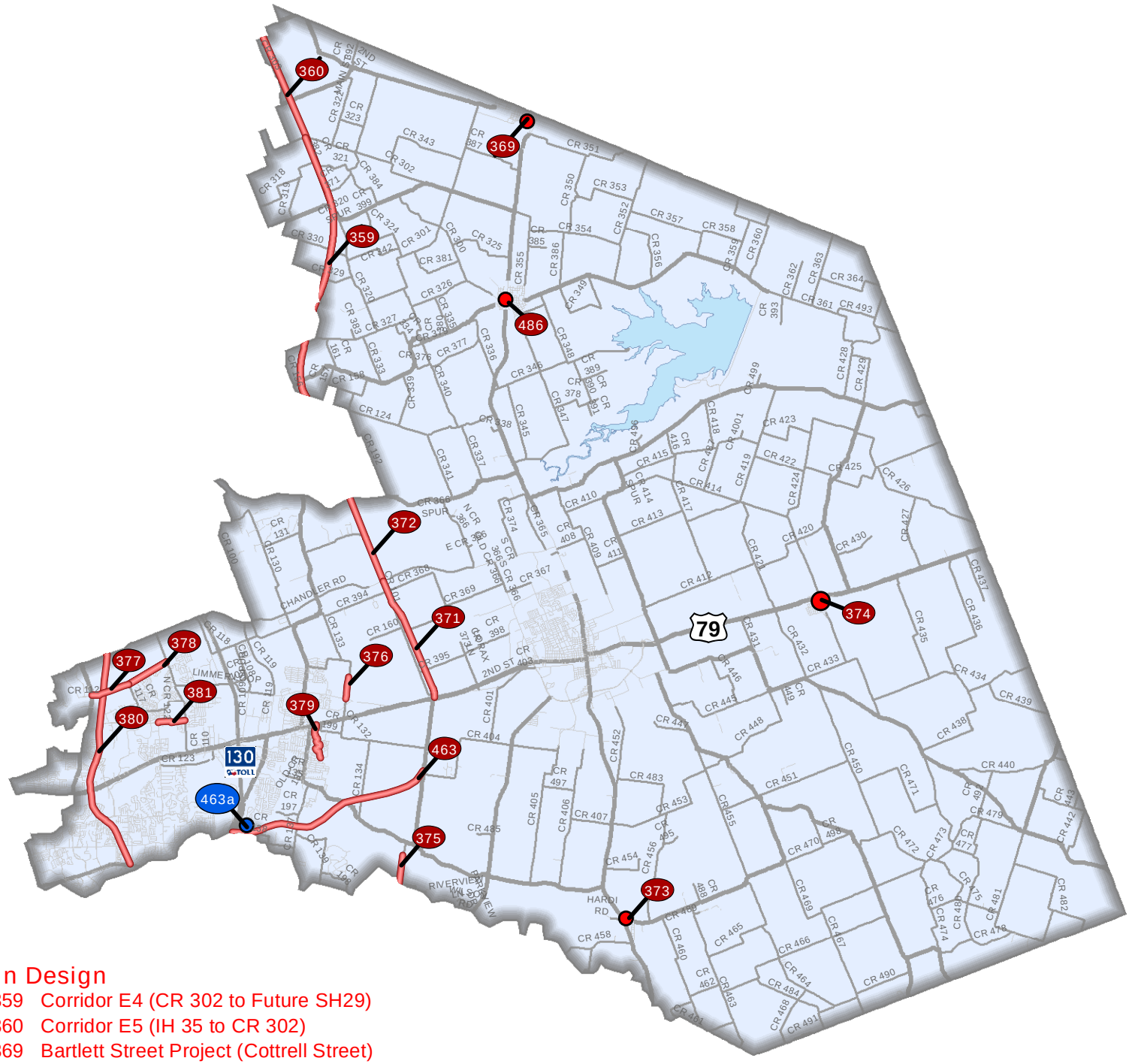
Under Construction/Bidding

269 CR 101 (US 79 to North of Chandler Road)

In Design

228 Kenney Fort Blvd Segments 2 and 3 (Forest Creek Boulevard to SH 45)
238 Ronald Reagan Boulevard Extension (IH 35 to SH 95)
294 Chandler Road Extension Phase 1 (Planning) (SH 95 to FM 619)
296 CR 366 Widening (Chandler Road to Carlos G. Parker Boulevard)
302 SH 130 Frontage Roads Phase 3 (SBFR US 79 to Limmer Loop)
327 University Boulevard (Chandler Road) Expansion (FM 1460 to SH 130)
332 FM 3349/US 79 Interchange

2019 Road Bond Program Projects
Precinct 4 - Commissioner Boles



In Design

359 Corridor E4 (CR 302 to Future SH29)
360 Corridor E5 (IH 35 to CR 302)
369 Bartlett Street Project (Cottrell Street)
371 Corridor E3 (Future SH 29 to Chandler Rd)
372 Corridor E2 (Chandler Rd to US 79)
373 Coupland Street Project (S. Broad & Muery Streets)
374 Thrall Street Project - S Bounds Street
375 CR 129 (South of Brushy Creek to North of the South Williamson County Line)
376 CR 134/CR 132 Extension (Hutto Arterial)
377 CR 112 Widening (FM 1460/A.W. Grimes to CR 117)
378 CR 112 Widening (CR 117 to CR 110)
379 Cottonwood Creek Drainage Improvements
380 MoKan (University Boulevard to SH 45)
381 Old Settlers Boulevard (North Red Bud Lane/CR 122 to CR 110)
463 Southeast Loop (Corridor E1) (CR 138 to CR 137)
486 Granger Project - Davilla Street Culvert

Under Construction/Bidding

463a Southeast Loop (Corridor E1) Demolition Phase 1

CR 110 Middle (Limmer Loop to CR 107)
Project No. 1809-261 Original Contract Price = $8,910,862.73

Letting	Award	Notice To Proceed	Begin Work	Substantial Completion	Work Accepted		Total Bid Days	Days Added	Total Days
12/14/2018	2/5/2019	4/26/2019	5/6/2019	10/20/2020			390		390

Invoice Number	Beginning Date	Ending Date	Days Charged	Current Invoice	Invoice Total	Current Retainage	Total Retainage	% ($) Used	% Time Used
1	5/6/2019	5/31/2019	26	$719,064.06	$719,064.06	$79,896.01	$79,896.01	9	7
2	6/1/2019	6/30/2019	30	$327,805.09	$1,046,869.15	$36,422.78	$116,318.79	13	14
3	7/1/2019	7/31/2019	31	$406,884.79	$1,453,753.94	$45,209.43	$161,528.22	18	22
4	8/1/2019	8/31/2019	31	$391,244.33	$1,844,998.27	$43,471.59	$204,999.81	23	30
5	9/1/2019	9/30/2019	30	$88,385.54	$1,933,383.81	$9,820.61	$214,820.42	24	38
6	10/1/2019	10/31/2019	31	$295,167.52	$2,228,551.33	$32,796.39	$247,616.81	27	46
7	11/1/2019	11/30/2019	30	$424,033.35	$2,652,584.68	$47,114.82	$294,731.63	33	54
8	12/1/2019	12/31/2019	31	$511,268.18	$3,163,852.86	$56,807.57	$351,539.20	39	62
9	1/1/2020	1/31/2020	31	$385,342.62	$3,549,195.48	$42,815.85	$394,355.05	44	69
10	2/1/2020	2/29/2020	29	$514,688.36	$4,063,883.84	$57,187.60	$451,542.65	50	77
11	3/1/2020	3/31/2020	31	$344,124.14	$4,408,007.98	$38,236.01	$489,778.66	54	85
12	4/1/2020	4/19/2020	19	$293,737.21	$4,701,745.19	$32,637.47	$522,416.13	58	90
13	4/20/2020	5/19/2020	30	$277,306.64	$4,979,051.83	$30,811.87	$553,228.00	61	97
14	5/20/2020	6/24/2020	36	$726,652.00	$5,705,703.83	$80,739.12	$633,967.12	70	107
15	6/25/2020	7/25/2020	31	$410,122.34	$6,115,826.17	$45,569.15	$679,536.27	75	115
16	7/26/2020	8/25/2020	31	$254,747.98	$6,370,574.15	$28,305.33	$707,841.60	78	123
17	8/26/2020	9/23/2020	29	$111,839.24	$6,482,413.39	$12,426.58	$720,268.18	80	130
18	9/24/2020	10/25/2020	27	$962,394.02	$7,444,807.41	-$568,333.33	$151,934.85	84	137
19	10/26/2020	11/25/2020	0	$88,804.62	$7,533,612.03	$1,812.34	$153,747.19	85	137
20	11/26/2020	12/27/2020	0	$50,446.95	$7,584,058.98	$1,029.53	$154,776.72	86	137
21	12/28/2020	1/31/2021	0	$33,416.21	$7,617,475.19	$681.96	$155,458.68	86	137
22	2/1/2021	2/28/2021	0	$44,523.85	$7,661,999.04	$908.65	$156,367.33	87	137

1/28/2021 Comments - Substantial Completion was achieved on October 20, 2020. Punchlist work is ongoing.

Change Order Number	Approved	Cost This CO	Total COs
01	10/8/2019	$66,291.83	$ 66,291.83

1A: Design Error or Omission. Incorrect PS&E. This Change Order revises items and quantities for the traffic signals. 3F: County Convenience. Additional work desired by the County. This Change Order adds items for temporary sediment control fencing (install and remove) and documents the credit to the contract for materials (6'x4' box culvert) furnished by the County.

Change Order Number	Approved	Cost This CO	Total COs
02	12/17/2019	$31,881.14	$ 98,172.97

2G: Differing Site Conditions. Unadjusted utility (unforeseeable). This Change Order provides grading of the Limmer Loop ditch at CR 110, due to communication utility conflicts not being adjusted for the previous CR 110 South project. The ditch work must be completed, prior to construction of the requested driveway for the new corner store. The driveway permit has already been submitted to the County by the Developer.

Change Order Number	Approved	Cost This CO	Total COs
03	7/21/2020	$10,419.60	$ 108,592.57

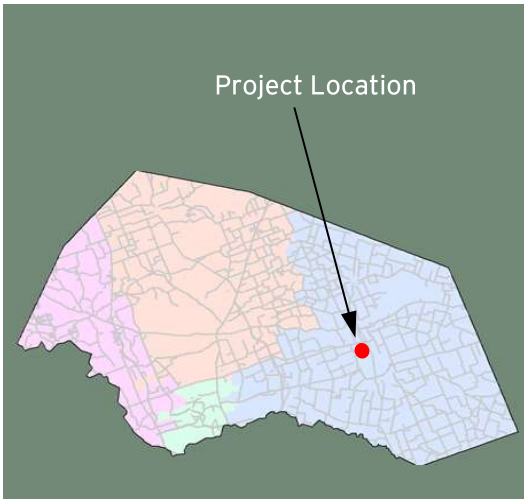
3F: County Convenience. Additional work desired by the County. This Change Order adds Traffic Control Phase 2 Step 2 to the project. This step consists of shifting traffic from the existing lanes to the new lanes f rom just south of CR 112 to the north end of the project.

Change Order Number	Approved	Cost This CO	Total COs
04	12/8/2020	$3,266.23	$ 111,858.80

3L: County Convenience. Revising safety work/measures desired by the County. This Change Order adds a new item to pay the Contractor to repair the guard rail end treatment on southbound CR 110, south of CR 112. This is within the construction project limits.

Adjusted Price = $9,022,721.53





CR 101
(US 79 to north of Chandler Road)

Project Length: 3.8 Miles
Roadway Classification: Rural Collector

Project Schedule: July 2020 - October 2021
Estimated Construction Cost: $13 Million



FEBRUARY 2021 IN REVIEW

02/05/2021: James Construction finished the final lift of flexible base on all sections that are completed from the north to the south end of the project. All the wingwalls were formed and poured on the bridge class culvert at the North Fork of Mustang Creek. TY B embankment was placed from the bridge class culvert at the North Fork of Mustang Creek to CR 368.

02/12/2021: The concrete crew formed and poured the rail on the east side of the bridge at the South Fork of Mustang Creek and began forming for the rail on the west side. The dirt crew placed the stone rip rap on the upstream and downstream ends of the bridge class culvert at the North Fork of Mustang Creek. The utility crew placed the 3 box culvert sections for the extension at culvert 7.

02/19/2021: No activities this week due to weather conditions.

02/26/2021: James Construction installed the added underdrain near Culvert 4 in the middle section of the project. The bridge rail was formed on the southbound side of the bridge at the South Fork of Mustang Creek. Embankment was installed and processed from CR 368 to the bridge class culvert at the North Fork of Mustang Creek.



Design Engineer: BGE, Inc.
Contractor: James Construction
Construction Observation:
Kyle McCoy, HNTB

Williamson County
Road Bond Program

HNTB

CR 101 (US 79 to Chandler Road)
Project No. 2138

Original Contract Price = $13,092,842.00

Letting	Award	Notice To Proceed	Begin Work	Substantial Completion	Work Accepted		Total Bid Days	Days Added	Total Days
10/10/2019	11/5/2019	6/26/2020	7/6/2020				540		540

Invoice Number	Beginning Date	Ending Date	Days Charged	Current Invoice	Invoice Total	Current Retainage	Total Retainage	% ($) Used	% Time Used
1	7/6/2020	7/25/2020	20	$366,881.43	$366,881.43	$40,764.60	$40,764.60	3	4
2	7/26/2020	8/30/2020	36	$2,072,374.48	$2,439,255.91	$230,263.83	$271,028.43	21	10
3	8/31/2020	9/23/2020	24	$66,831.99	$2,506,087.90	$7,425.78	$278,454.21	21	15
4	9/24/2020	10/25/2020	32	$531,044.64	$3,037,132.54	$59,004.96	$337,459.17	26	21
5	10/26/2020	11/29/2020	35	$424,017.35	$3,461,149.89	$47,113.04	$384,572.21	29	27
6	11/30/2020	12/27/2020	28	$709,324.00	$4,170,473.89	$78,813.77	$463,385.98	35	32
7	12/28/2020	1/27/2021	31	$294,970.38	$4,465,444.27	$32,774.49	$496,160.47	38	38
8	2/1/2021	2/28/2021	28	$293,948.14	$4,759,392.41	$32,660.91	$528,821.38	40	43

7/31/2020 Comments - Time charges began 7/6/2020.

Adjusted Price = $13,092,842.00

Southeast Loop Demolition Phase 1 (Residential Demolition)
Project No. T1746

Original Contract Price = $125,808.07

Letting	Award	Notice To Proceed	Begin Work	Substantial Completion	Work Accepted	Total Bid Days	Days Added	Total Days
9/23/2020	10/6/2020	12/4/2020	12/7/2020	12/29/2020		20		20

Invoice Number	Beginning Date	Ending Date	Days Charged	Current Invoice	Invoice Total	Current Retainage	Total Retainage	% ($) Used	% Time Used
1	12/11/2020	1/31/2021	20	$95,002.26	$95,002.26	$10,555.84	$10,555.84	84	100
2	2/1/2021	2/28/2021	0	$4,725.00	$99,727.26	$525.00	$11,080.84	88	100

1/1/2021 Comments - Time charges began 12/7/2020. Contract has 20 working days.

Change Order Number	Approved	Cost This CO	Total COs
01	1/12/2021	$0.00	$ 125,808.07

4D: Third Party Accommodation. Other. This Change Order amends the language in Section 3 of the Services Contract, within the “Consideration and Compensation” paragraph. This Change Order also revises the unit price and quantity in the Contract for Item 506 6022. These revisions do not change the Contract amount.

Adjusted Price = $125,808.07

Williamson County Commissioners Court

Road Bond Program

March 16, 2021

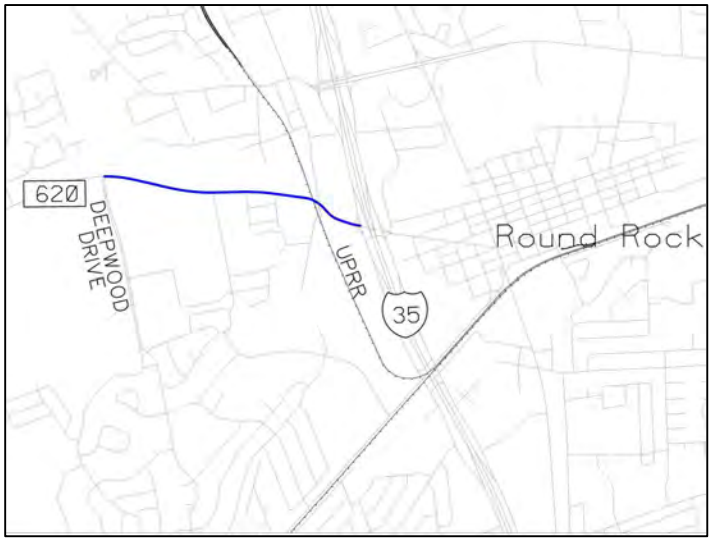
Precinct 1


SAM BASS RD
35
ROUND ROCK
1
O'CONNOR DR
AVERY RANCH BLVD
CR 172
MCNIEL RD

RM 620 at Railroad / Chisholm Trail (IH 35 Frontage Road to Deep Wood Drive)

Anticipated Completion

Summer 2022



Partnership with TxDOT and the City of Round Rock

Original Contract Amount = $27,468,703.67

Construction is managed by TxDOT

RM 620 at Railroad / Chisholm Trail (IH 35 Frontage Road to Deep Wood Drive)



RM 620 at Railroad / Chisholm Trail (IH 35 Frontage Road to Deep Wood Drive)



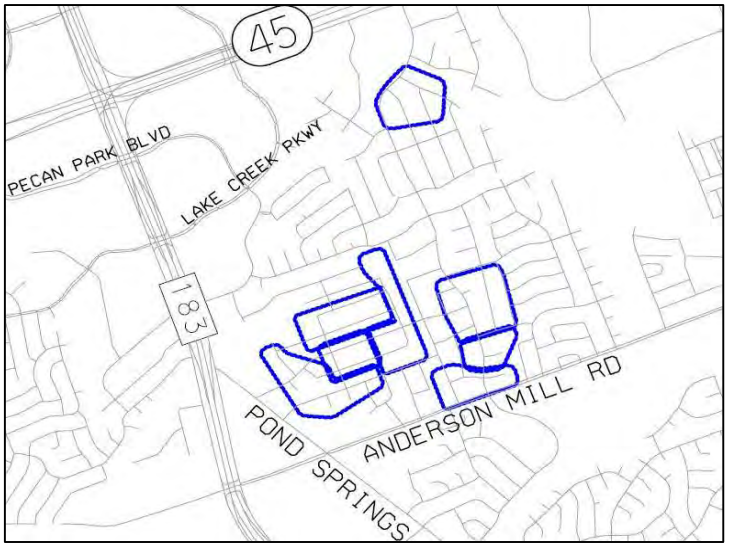
RM 620 at Railroad / Chisholm Trail (IH 35 Frontage Road to Deep Wood Drive)



Forest North Phase 3
Drainage Improvements

Anticipated Completion

Early 2022



Original Contract Price = $4,793,058.15

Total Change Orders to Date = $62,546.37

Adjusted Contract Price = $4,855,604.52

Expenditures to Date = $2,683,029.48 (55%)

Forest North Phase 3
Drainage Improvements



Forest North Phase 3
Drainage Improvements



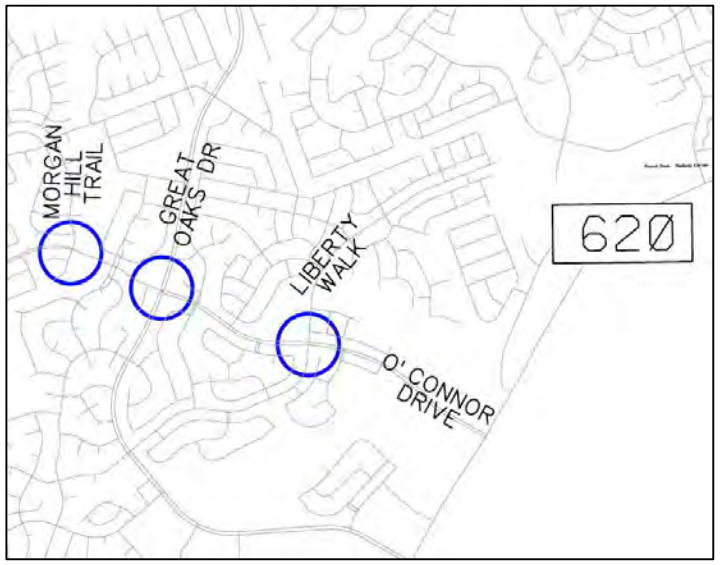
Forest North Phase 3
Drainage Improvements



O'Connor Traffic Signals (Morgan Hill Trail, Liberty Walk, Great Oaks)

Anticipated Completion

Spring 2021



Original Contract Price = $853,503.50

Total Change Orders to Date = $131,055.38

Adjusted Contract Price = $984,558.88

Expenditures to Date = $567,147.91 (58%)

O'Connor Traffic Signals
(Morgan Hill Trail, Liberty Walk, Great Oaks)



O'Connor Traffic Signals
(Morgan Hill Trail, Liberty Walk, Great Oaks)



O'Connor Traffic Signals
(Morgan Hill Trail, Liberty Walk, Great Oaks)



Corridor H – Sam Bass Road (Interim Traffic Signals)

Anticipated Completion

Spring 2021



Original Contract Price = $319,866.00

Total Change Orders to Date = $0.00

Adjusted Contract Price = $319,866.00

Expenditures to Date = $86,180.00 (27%)

Corridor H – Sam Bass Road (Interim Traffic Signals)



Corridor H – Sam Bass Road (Interim Traffic Signals)



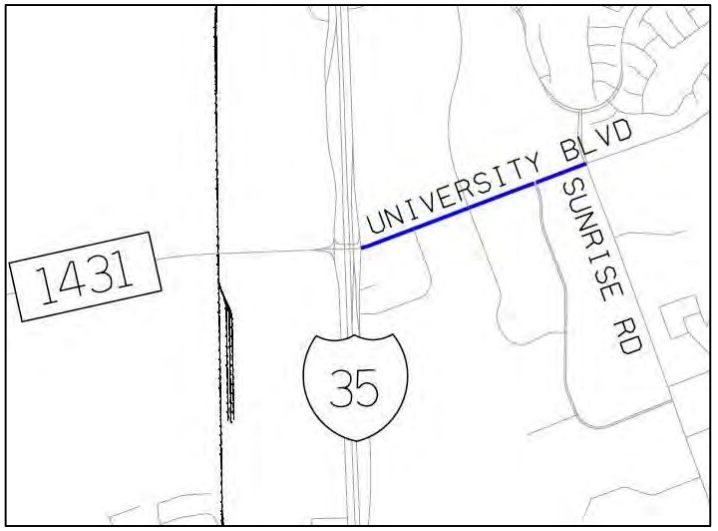
Corridor H – Sam Bass Road (Interim Traffic Signals)



University Boulevard Widening (IH 35 to Sunrise Widening)

Anticipated Completion

Early 2022



Partnership with the City of Round Rock

Original Contract Amount = $12,135,410.45

Construction is managed by City of Round Rock

University Boulevard Widening (IH 35 to Sunrise Widening)



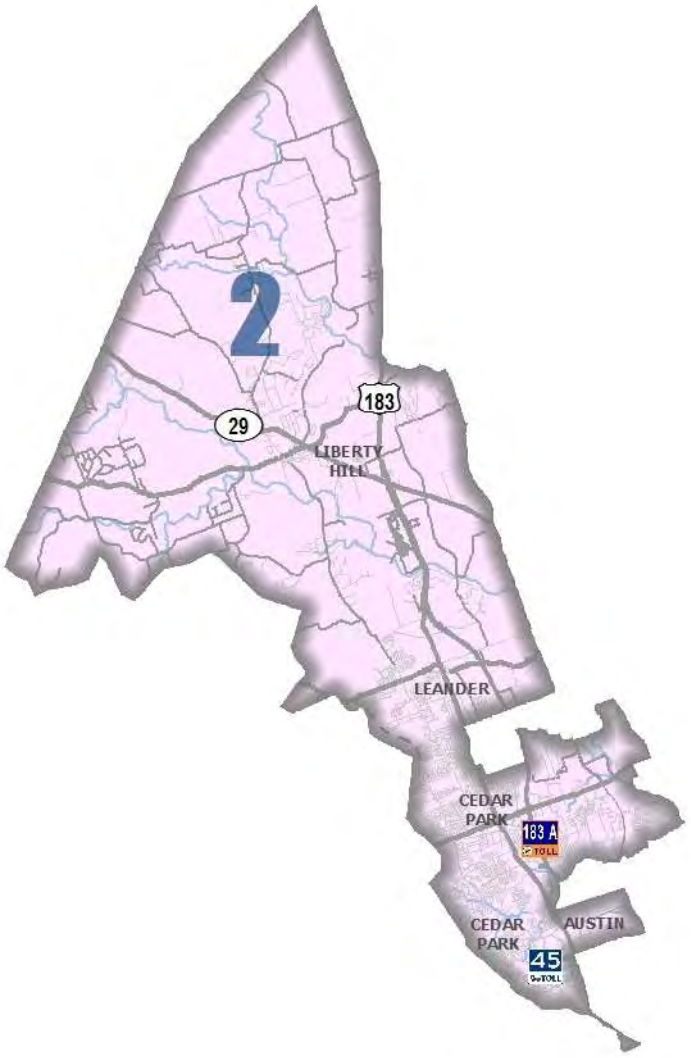
University Boulevard Widening (IH 35 to Sunrise Widening)



University Boulevard Widening (IH 35 to Sunrise Widening)



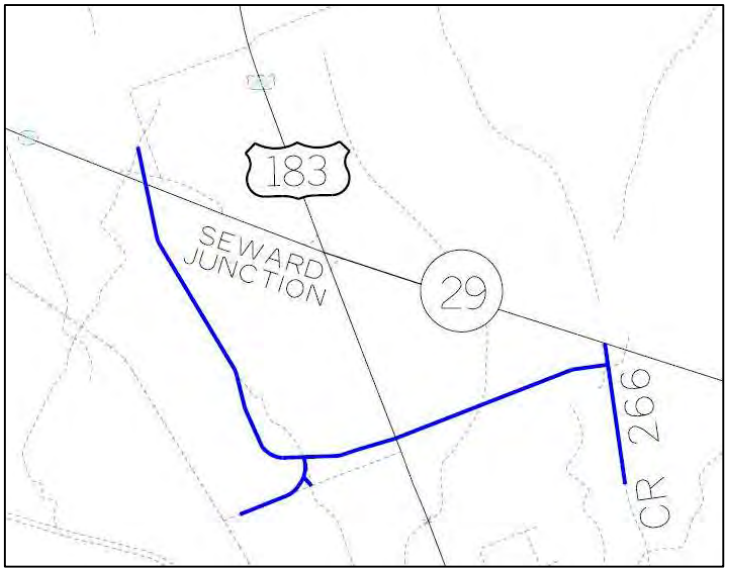
Precinct 2


2
183
29
LIBERTY HILL
LEANDER
CEDAR PARK
183 A
TOLL
CEDAR PARK
AUSTIN
45
TOLL

Seward Junction Improvements

Anticipated Completion

Spring 2021



Original Contract Price = $13,270,258.10

Total Change Orders to Date = $611,059.17

Adjusted Contract Price = $13,881,317.27

Expenditures to Date = $12,327,363.31 (89 %)

Seward Junction Improvements



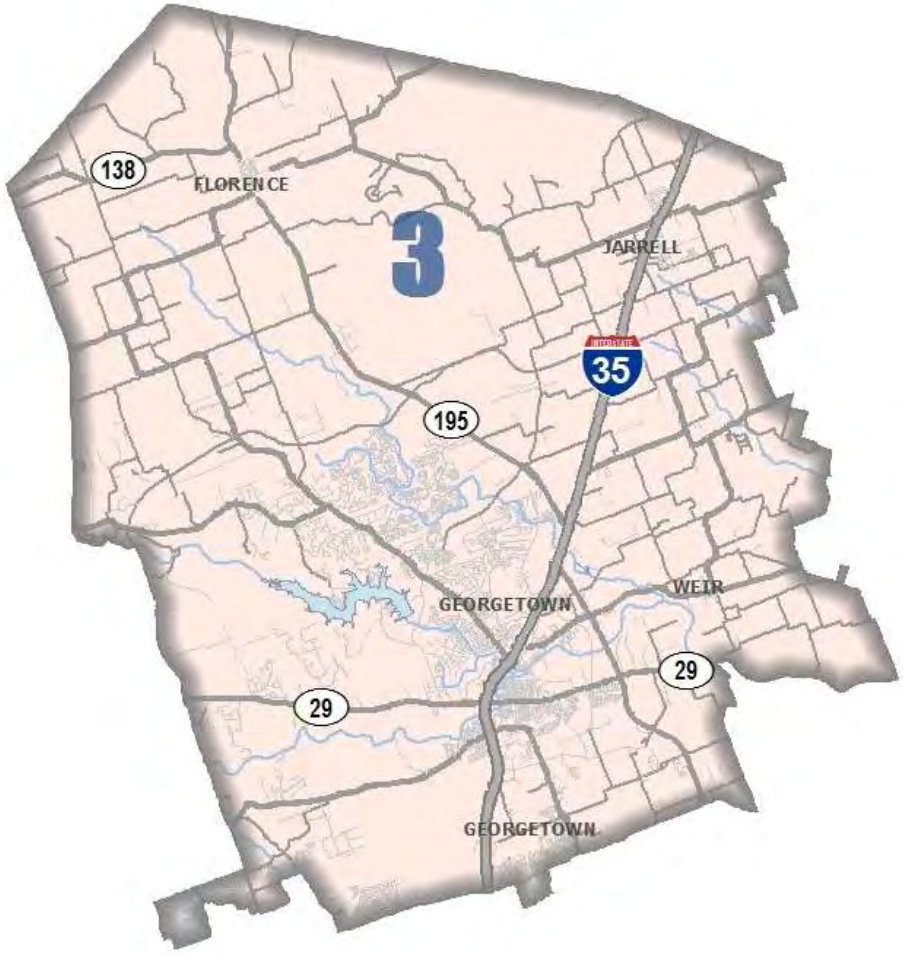
Seward Junction Improvements



Seward Junction Improvements



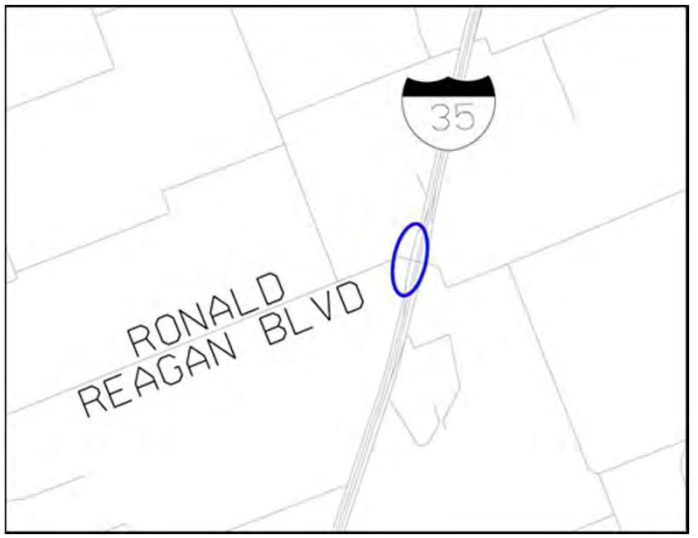
Precinct 3


138
FLORENCE
3
JARRELL
35
195
GEORGETOWN
WEIR
29
29
GEORGETOWN

Ronald Reagan Boulevard at IH 35 (Bridge Replacement)

Anticipated Completion

Fall 2021



Partnership with TxDOT

Original Contract Amount = $15,048,229.93

Construction is managed by TxDOT

Ronald Reagan Boulevard at IH 35 (Bridge Replacement)



Ronald Reagan Boulevard at IH 35 (Bridge Replacement)



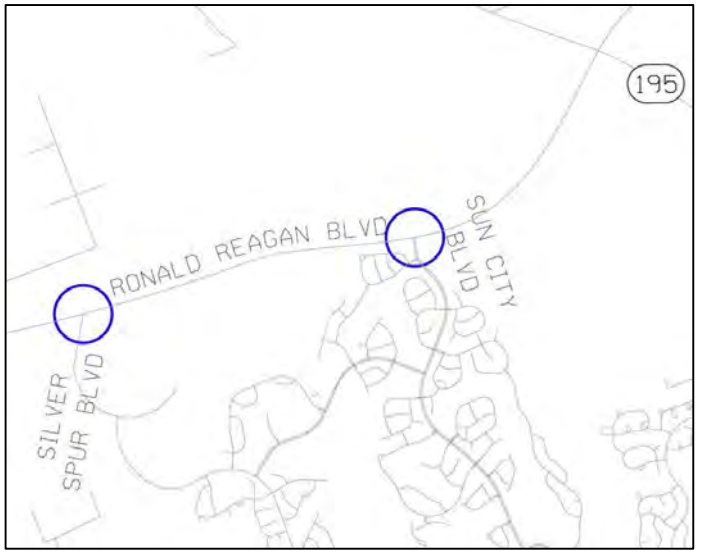
Ronald Reagan Boulevard at IH 35 (Bridge Replacement)



Reagan Ronald at Silver Spur
Ronald Reagan at Sun City

Anticipated Completion

Spring 2021



Original Contract Price = $875,350.00

Total Change Orders to Date = $0.00

Adjusted Contract Price = $875,350.00

Expenditures to Date = $182,188.03 (21%)

Ronald Reagan at Silver Spur
Ronald Reagan at Sun City



Reagan Ronald at Silver Spur
Ronald Reagan at Sun City



Reagan Ronald at Silver Spur
Ronald Reagan at Sun City



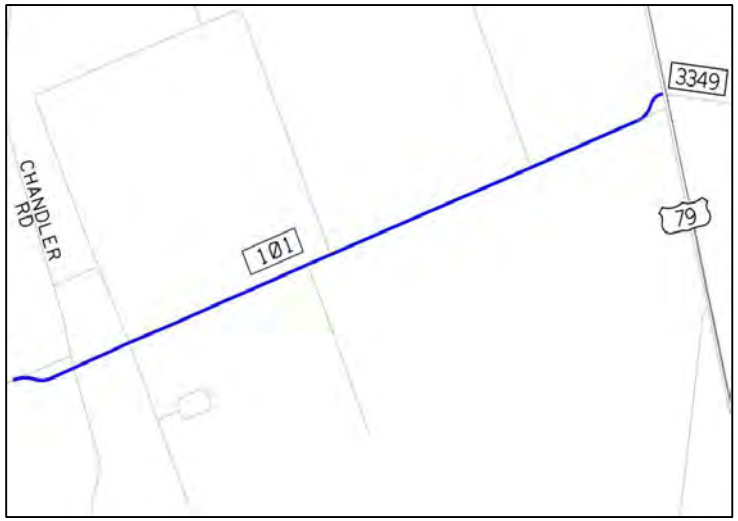
Precinct 4


BARTLETT
GRANGER
95
4
THRALL
79
TAYLOR
79
HUTTO
ROUND ROCK
95
COUPLAND

CR 101
(US 79 to North of Chandler Road)

Anticipated Completion

Fall 2021



Original Contract Amount = $13,092,842.00

Total Change Orders = $0.00

Adjusted Contract Price = $13,092,842.00

Expenditures to Date = $5,288,213.8 (40%)

CR 101
(US 79 to North of Chandler Road)



CR 101
(US 79 to North of Chandler Road)



CR 101
(US 79 to North of Chandler Road)



Meeting Date: 03/16/2021

1809-261 CR 110 Middle Change Order No. 5

Submitted By: Dawn Haggard, Road Bond

Department: Road Bond

Agenda Category: Regular Agenda Items

Information

Agenda Item

Discuss, consider, and take appropriate action regarding Change Order No. 5 in the amount of $-11,737.85 for CR 110 Middle (James Construction), a Road Bond project in Commissioner Pct. 4. P: 261 Funding Source: Road Bond

Background

This Change Order adds various changes to the project, including 1) improvements for DeSoto Loop; 2) channel excavation and drainage improvements; 3) use of full-depth asphalt at Toscana Trace; 4) removal of lime treatment with addition of finish subgrade item; 5) additional item to pay for police used during traffic control; 6) mill and repave asphalt at University Boulevard intersection to prevent pond; 7) pothole repairs on existing CR 110; 8) replaced signal controller damaged by lighting; and 9) additional fittings for the Jonah Water line.

1) Side streets, including DeSoto Loop North and DeSoto Loop South were constructed after the CR 110 design was complete. These were not included in the original CR 110 plans. This Change Order adds the design for the side street connections to the contract to maintain traffic to the new subdivision. The side street connections included removal of existing pipe, curb and gutter, sidewalk, flexible base, and asphalt. The new side streets required new storm sewer pipe and end treatments, full -depth hot mix asphalt pavement, curb and gutter, sidewalk, and pedestrian ramps. The intersections were constructed utilizing full-depth asphalt in lieu of flexible base, to prevent traffic impacts during construction of CR 110. Additionally, due to the grade difference between the existing DeSoto Loop North and CR 110, the profile of CR 110 had to be raised to provide an acceptable tie-in with the side street.

2) Drainage improvements were added to the project from north of Limmer Loop to DeSoto Loop South. The Paloma Lake Subdivision was constructed after the CR 110 plans were developed. The subdivision developer made off-site elevation changes that impacted the proposed CR 110 roadway drainage. The required roadway improvements included adding drainage capacity to the ditch along CR 110 to prevent drainage from the roadway from leaving the right-of-way (ROW) and flowing into the subdivision. Additional channel excavation was required at the downstream ends of the culverts to provide drainage.

3) Full-depth hot mix asphalt was utilized at the intersection of Toscana Trace and CR 110 in lieu of flexible base to maintain an all-weather surface and to minimize the impact to local traffic.

4) The plans called for lime-treated subgrade in the pavement section. During excavation to subgrade elevation, hard rock was encountered. Due to the quality of material encountered at subgrade, the lime-treated subgrade could not be processed and was deleted along CR 110. This Change Order deletes the quantity of lime from the contract and adds a pay item to

compensate the Contractor for the cost of finishing the subgrade prior to placement of flexible base.

5) Due to the speed and traffic volume, police officers were used during various lane closures. This Change Order adds a pay item to compensate the Contractor for the use of police officers and marked vehicles in lane closures during the project.

6) After the roadway was constructed according to the plans at the intersection of University Boulevard and CR 110, an area of ponding was identified in the roadway just north of University Boulevard. This area was milled and repaved to eliminate the ponding. This Change Order adds an item to compensate the Contractor for the cost of milling and repaving this area.

7) Pavement repairs were required on the existing pavement in various locations during construction that were repaired by the Contractor. This Change Order adds a pay item to compensate the Contractor to repair potholes in the existing pavement.

8) After installation according to plans, the new signal controller at University Boulevard and CR 110 was damaged by lightning. This Change Order adds a pay item to compensate the Contractor to repair the damaged controller with a new one.

9) The new Jonah Water line system required additional fittings for connections at Builders First and Jonah Water tower that were not included in the original plans.

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

1809-261 CR 110 Middle Change Order No. 5

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Andrea Schiele	03/11/2021 11:13 AM
Form Started By: Dawn Haggard		Started On: 01/12/2021 04:14 PM
Final Approval Date: 03/11/2021		

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 5

1. CONTRACTOR: **James Construction Group**

2. Change Order Work Limits: Sta. **207+34** to Sta. **292+00**

3. Type of Change(on federal-aid non-exempt projects): **Minor** (Major/Minor)

4. Reasons: **2E, 3L, 4B** (3 Max. - In order of importance - Primary first)

Project:	***1809-261***
Roadway:	***CR 110 Middle***
CSJ Number:	

5. Describe the work being revised:

2E: Differing Site Conditions (unforseeable). Miscellaneous difference in site conditions (unforeseeable). This Change Order adds improvements to drainage and new side street intersections to the project. **3L: County Convenience. Revising safety work/measures desired by the County.** This Change Order deletes lime from the pavement section, adds item to pay for police used during traffic control, and repairs damage to a signal controller and repairs potholes in the existing pavement. **4B: Third Party Accommodation. Third party requested work.** This change order adds fittings to the Jonah water line.

6. Work to be performed in accordance with Items: **See Attached.**

7. New or revised plan sheet(s) are attached and numbered: **4-6, 12, 13, 62, 63, 67-71, 76, 81, 81A, 81B, 91, 101, 138, 176, Cross Sections 1, 3-21**

8. New Special Provisions/Specifications to the contract are attached: ☐ Yes ☑ No

9. New Special Provisions to Item N/A No. N/A, Special Specification Item N/A are attached.

Each signatory hereby warrants that each has the authority to execute this Change Order (CO).

The contractor must sign the Change Order and, by doing so, agrees to waive any and all claims for additional compensation due to any and all other expenses; additional changes for time, overhead and profit; or loss of compensation as a result of this change.

THE CONTRACTOR Date 3/4/21

By

Typed/Printed Name Rick Lewis

Typed/Printed Title Division Manager

The following information must be provided

Time Ext. #: NA Days added on this CO: 0

Amount added by this change order: **($11,737.85)**

RECOMMENDED FOR EXECUTION:

Project Manager Date 3/4/21

N/A
Design Engineer Date

Program Manager Date 3/4/2021

Design Engineer's Seal:

see attached plan sheets

County Commissioner Precinct 1 Date
☐ APPROVED ☐ REQUEST APPROVAL

County Commissioner Precinct 2 Date
☐ APPROVED ☐ REQUEST APPROVAL

County Commissioner Precinct 3 Date
☐ APPROVED ☐ REQUEST APPROVAL

County Commissioner Precinct 4 Date
☐ APPROVED ☐ REQUEST APPROVAL

County Judge Date
☐ APPROVED

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 5 ***Project # 1809-261***

TABLE A: Force Account Work and Materials Placed into Stock

	LABOR	HOURLY RATE			HOURLY RATE

TABLE B: Contract Items:

				ORIGINAL + PREVIOUSLY REVISED		ADD or (DEDUCT)	NEW		
ITEM	DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	ITEM COST	QUANTITY	QUANTITY	ITEM COST	OVERRUN/ UNDERRUN
	DeSoto Loop								
104-6022	REMOVING CONC (CURB AND GUTTER)	LF	$7.30	0.00	$0.00	328.00	328.00	$2,394.40	$2,394.40
104-6036	REMOVING CONC (SIDEWALK OR RAMP)	SY	$50.00	0.00	$0.00	86.00	86.00	$4,300.00	$4,300.00
105-6037	REMOVING STAB BASE AND ASPH PAV (0-16")	SY	$35.00	0.00	$0.00	482.00	482.00	$16,870.00	$16,870.00
341-6008	D-GR HMA TY B PG64-22	TON	$58.89	14,231.00	$838,063.59	593.00	14,824.00	$872,985.36	$34,921.77
341-WC01	DESOTO LOOP NORTH AND SOUTH FULL DEPTH HOT MIX TO MAINTAIN ACCESS	LS	$14,638.06	0.00	$0.00	1.00	1.00	$14,638.06	$14,638.06
341-WC03	PROFILE CHANGE AT DESOTO LOOP NORTH	LS	$49,995.35	0.00	$0.00	1.00	1.00	$49,995.35	$49,995.35
464-6025	RC PIPE (CL V)(18IN)	LF	$54.48	777.00	$42,330.96	(59.00)	718.00	$39,116.64	($3,214.32)
467-6359	SET (TY II)(18IN)(RCP)(4:1) P	EA	$1,280.39	4.00	$5,121.56	(1.00)	3.00	$3,841.17	($1,280.39)
467-6362	SET (TY II)(18IN)(RCP)(6:1) P	EA	$1,437.37	10.00	$14,373.70	(1.00)	9.00	$12,936.33	($1,437.37)
496-6004	REMOV STR (SET)	EA	$350.72	2.00	$701.44	3.00	5.00	$1,753.60	$1,052.16
496-6007	REMOV STR (PIPE)	LF	$11.09	607.00	$6,731.63	175.00	782.00	$8,672.38	$1,940.75
500-WC01	MOBILIZATION FOR CURB AND GUTTER SUBCONTRACTOR, ELITE CURB	LS	$1,851.50	0.00	$0.00	1.00	1.00	$1,851.50	$1,851.50
529-6008	CONC CURB AND GUTTER (TY II)	LF	$18.85	9,395.00	$177,095.75	87.00	9,482.00	$178,735.70	$1,639.95
530-6005	DRIVEWAYS (ACP)	SY	$29.94	994.00	$29,760.36	160.00	1,154.00	$34,550.76	$4,790.40
531-6001	CONC SIDEWALKS (4")	SY	$98.90	0.00	$0.00	32.00	32.00	$3,164.80	$3,164.80
531-6010	CURB RAMPS (TY 7)	EA	$2,029.75	0.00	$0.00	4.00	4.00	$8,119.00	$8,119.00
666-6048	REFL PAV MRK TY I (W)24"(SLD)(100MIL)	LF	$8.75	532.00	$4,655.00	36.00	568.00	$4,970.00	$315.00
TOTALS					$1,118,833.99			$1,258,895.05	$140,061.06

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: ***5*** ***Project #*** ***1809-261***

TABLE B: Contract Items (*Continued*)

				ORIGINAL + PREVIOUSLY REVISED		ADD or (DEDUCT)	NEW		
ITEM	DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	ITEM COST	QUANTITY	QUANTITY	ITEM COST	OVERRUN/ UNDERRUN
	Channel Excavation								
110-6001	EXCAVATION (ROADWAY)	CY	$4.40	63,182.00	$278,000.80	967.00	64,149.00	$282,255.60	$4,254.80
	Drainage								
110-WC03	CHANNEL EXCAVATION (CULVERT C)	LS	$741.43	0.00	$0.00	1.00	1.00	$741.43	$741.43
110-WC04	TEMP DITCH GRADING NEAR CULV B	LS	$1,706.33	0.00	$0.00	1.00	1.00	$1,706.33	$1,706.33
462-WC02	PIPE RUNNER FOR PRECAST BOX CULVERTS	LS	$11,847.30	0.00	$0.00	1.00	1.00	$11,847.30	$11,847.30
	Toscana								
341-WC04	TOSCANA TRACE FULL DEPTH HOT MIX TO MAINTAIN ACCESS	LS	$15,301.03	0.00	$0.00	1.00	1.00	$15,301.03	$15,301.03
	Additional topsoil								
160-WC02	FURNISHING AND PLACING TOPSOIL (4")	SY	$0.74	140,338.00	$103,850.12	4,882.00	145,220.00	$107,462.80	$3,612.68
164-WC05	SEEDING FOR EROSION CONTROL (PERM)(WARM)(TY 5)	SY	$0.28	140,338.00	$39,294.64	4,882.00	145,220.00	$40,661.60	$1,366.96
166-6002	FERTILIZER	TON	$792.00	8.77	$6,945.84	0.26	9.03	$7,151.76	$205.92
168-WC01	VEGETATIVE WATERING	MG	$18.55	4,912.00	$91,117.60	88.20	5,000.20	$92,753.71	$1,636.11
169-6001	SOIL RETENTION BLANKET (CL 1)(TY A)	SY	$1.20	34,393.00	$41,271.60	4,882.00	39,275.00	$47,130.00	$5,858.40
	CR 110								
110-WC02	SUBGRADE FINISHING	LS	$115,062.86	0.00	$0.00	1.00	1.00	$115,062.86	$115,062.86
260-6002	LIME (HYDRATED LIME)(SLURRY)	TON	$177.23	1,275.00	$225,968.25	(1,222.79)	52.21	$9,253.18	($216,715.07)
260-6073	LIME TRT (SUBGRADE)(8")	SY	$2.42	69,154.00	$167,352.68	(65,736.00)	3,418.00	$8,271.56	($159,081.12)
644-WC01	ALUMINUM SIGN (TY A)(CUSTOM)	SF	$67.85	0.00	$0.00	13.00	13.00	$882.05	$882.05
658-WC01	INSTL OM ASSM (OM-4)(TWT)GND	EA	$397.81	0.00	$0.00	18.00	18.00	$7,160.58	$7,160.58
	Traffic Control Plan								
502-WC01	POLICE OFFICERS-VEHICLES FOR TCP	DOL	$1.00	0.00	$0.00	10,000.00	10,000.00	$10,000.00	$10,000.00
666-6048	REFL PAV MRK TY I (W)24"(SLD)(100MIL)	LF	$8.75	532.00	$4,655.00	36.00	568.00	$4,970.00	$315.00
	Repairs								
341-WC02	MILL-OVERLAY TO ELIMINATE PONDING ON UNIVERSITY BLVD-CR 110	LS	$19,223.54	0.00	$0.00	1.00	1.00	$19,223.54	$19,223.54
351-WC01	POT HOLE REPAIR ON EXISTING ROADWAY	LS	$341.78	0.00	$0.00	1.00	1.00	$341.78	$341.78
680-WC01	REPLACE DAMAGED SIGNAL CONTROLLER	LS	$18,252.59	0.00	$0.00	1.00	1.00	$18,252.59	$18,252.59
The "Totals" from Table B of the previous work sheet:					$1,118,833.99			$1,258,895.05	$140,061.06
TOTALS					$2,077,290.52			$2,059,324.75	($17,965.77)

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: ***5*** ***Project #*** ***1809-261***

TABLE B: Contract Items (*Continued*)

				ORIGINAL + PREVIOUSLY REVISED		ADD or (DEDUCT)	NEW		
ITEM	**DESCRIPTION**	**UNIT**	**UNIT PRICE**	**QUANTITY**	**ITEM COST**	**QUANTITY**	**QUANTITY**	**ITEM COST**	**OVERRUN/ UNDERRUN**
	Jonah								
J102-032	**12" CONNECTION PVC TO DI**	**LS**	**$2,349.06**	**0.00**	**$0.00**	**1.00**	**1.00**	**$2,349.06**	**$2,349.06**
J102-033	**24" GATE VALVE**	**LS**	**$3,172.86**	**0.00**	**$0.00**	**1.00**	**1.00**	**$3,172.86**	**$3,172.86**
	Limmer Loop								
644-6071	**RELOCATE SM RD SN SUP & AM TY TWT**	**EA**	**$353.00**	**1.00**	**$353.00**	**2.00**	**3.00**	**$1,059.00**	**$706.00**

CHANGE ORDER REASON(S) CODE CHART

1. Design Error or Omission	1A. Incorrect PS&E 1B. Other
2. Differing Site Conditions (unforeseeable)	2A. Dispute resolution (expense caused by conditions and/or resulting delay) 2B. Unavailable material 2C. New development (conditions changing after PS&E completed) 2D. Environmental remediation 2E. Miscellaneous difference in site conditions (unforeseeable)(Item 9) 2F. Site conditions altered by an act of nature 2G. Unadjusted utility (unforeseeable) 2H. Unacquired Right-of-Way (unforeseeable) 2I. Additional safety needs (unforeseeable) 2J. Other
3. County Convenience	3A. Dispute resolution (not resulting from error in plans or differing site conditions) 3B. Public relations improvement 3C. Implementation of a Value Engineering finding 3D. Achievement of an early project completion 3E. Reduction of future maintenance 3F. Additional work desired by the County 3G. Compliance requirements of new laws and/or policies 3H. Cost savings opportunity discovered during construction 3I. Implementation of improved technology or better process 3J. Price adjustment on finished work (price reduced in exchange for acceptance) 3K. Addition of stock account or material supplied by state provision 3L. Revising safety work/measures desired by the County 3M. Other
4. Third Party Accommodation	4A. Failure of a third party to meet commitment 4B. Third party requested work 4C. Compliance requirements of new laws and/or policies (impacting third party) 4D. Other
5. Contractor Convenience	5A. Contractor exercises option to change the traffic control plan 5B. Contractor requested change in the sequence and/or method of work 5C. Payment for Partnering workshop 5D. Additional safety work/measures desired by the contractor 5E. Other
6. Untimely ROW/Utilities	6A. Right-of-Way not clear (third party responsibility for ROW) 6B. Right-of-Way not clear (County responsibility for ROW) 6C. Utilities not clear 6D. Other

Williamson County Road Bond Program

CR 110 Middle
Williamson County Project No. 1809-261

Change Order No. 5

Reason for Change

This Change Order adds various changes to the project, including 1) improvements for DeSoto Loop; 2) channel excavation and drainage improvements; 3) use of full-depth asphalt at Toscana Trace; 4) removal of lime treatment with addition of finish subgrade item; 5) additional item to pay for police used during traffic control; 6) mill and repave asphalt at University Boulevard intersection to prevent ponding; 7) pothole repairs on existing CR 110; 8) replaced signal controller damaged by lightning; and 9) additional fittings for the Jonah Water line.

1) Side streets, including DeSoto Loop North and DeSoto Loop South were constructed after the CR 110 design was complete. These were not included in the original CR 110 plans. This Change Order adds the design for the side street connections to the contract to maintain traffic to the new subdivision. The side street connections included removal of existing pipe, curb and gutter, sidewalk, flexible base and asphalt. The new side streets required new storm sewer pipe and end treatments, full-depth hot mix asphalt pavement, curb and gutter, sidewalk and pedestrian ramps. The intersections were constructed utilizing full-depth asphalt in lieu of flexible base, to prevent traffic impacts during construction of CR 110. Additionally, due to the grade difference between the existing DeSoto Loop North and CR 110, the profile of CR 110 had to be raised to provide an acceptable tie-in with the side street.

2) Drainage improvements were added to the project from north of Limmer Loop to DeSoto Loop South. The Paloma Lake Subdivision was constructed after the CR 110 plans were developed. The subdivision developer made off-site elevation changes that impacted the proposed CR 110 roadway drainage. The required roadway improvements included adding drainage capacity to the ditch along CR 110 to prevent drainage from the roadway from leaving the right-of-way (ROW) and flowing into the subdivision. Drainage improvements were also required at Drainage Culverts B and C. The natural ground elevation downstream of the culvert outfalls was above the flowline of the culverts. Additional channel excavation was required at the downstream ends of the culverts to provide positive drainage. The Contractor also had to cut a temporary ditch to allow drainage into Culvert B in the vicinity of existing utility poles that had not yet been relocated. Additionally, the plans only included cast-in-place (CIP) standards for the box culverts on the project. Precast box culverts were required for the box culvert constructed across CR 112 to minimize traffic impacts. The pipe runners

for a CIP box culvert had already been fabricated for this box and did not match the dimensions for the precast boxes. This Change Order adds a pay item to compensate the Contractor for the cost of the pipe runners that could not be used on this structure.

3) Full-depth hot mix asphalt was utilized at the intersection of Toscana Trace and CR 110 in lieu of flexible base to maintain an all-weather surface and to minimize the impact to local traffic.

4) The plans called for lime-treated subgrade in the pavement section. During excavation to subgrade elevation, hard rock was encountered. Due to the quality of material encountered at subgrade, the lime-treated subgrade could not be processed and was deleted along CR 110. A small quantity was used in the widening along University Boulevard. Since the lime-treated subgrade work was deleted from the contract, the Contractor requested an item to finish the subgrade prior to the placement of flexible base. This cost was originally included in the lime treatment pay items. This Change Order deletes the quantity of lime from the contract and adds a pay item to compensate the Contractor for the cost of finishing the subgrade prior to placement of flexible base.

5) Due to the speed and traffic volume, police officers were used during various lane closures. This Change Order adds a pay item to compensate the Contractor for the use of police officers and marked vehicles in lane closures during the project.

6) After the roadway was constructed according to the plans at the intersection of University Boulevard and CR 110, an area of ponding was identified in the roadway just north of University Boulevard. This area was milled and repaved to eliminate the ponding. This Change Order adds an item to compensate the Contractor for the cost of milling and repaving this area.

7) Pavement repairs were required on the existing pavement in various locations during construction that were repaired by the Contractor. This Change Order adds a pay item to compensate the Contractor to repair potholes in the existing pavement.

8) After installation according to the plans, the new signal controller at University Boulevard and CR 110 was damaged by lightning. This Change Order adds a pay item to compensate the contractor to replace the damaged controller with a new one.

9) The new Jonah Water line system required additional fittings for connections at Builders First and at the Jonah Water tower that were not included in the original plans.

Following is a summary of new items required for this Change Order.

ITEM	DESCRIPTION	QTY	UNIT	REASON
104-6022	REMOVING CONC (CURB AND GUTTER)	328.00	LF	DESOTO
104-6036	REMOVING CONC (SIDEWALK OR RAMP)	86.00	SY	DESOTO
105-6037	REMOVING STAB BASE AND ASPH PAV (0-16”)	482.00	SY	DESOTO
341-WC01	DESOTO LOOP NORTH AND SOUTH FULL DEPTH HOT MIX TO MAINTAIN ACCESS	1.00	LS	DESOTO
341-WC03	PROFILE CHANGE AT DESOTO LOOP NORTH	1.00	LS	DESOTO
500-WC01	MOBILIZATION FOR CURB AND GUTTER SUBCONTRACTOR, ELITE CURB	1.00	LS	DESOTO
531-6001	CONC SIDEWALKS (4”)	32.00	SY	DESOTO
531-6010	CURB RAMPS (TY 7)	4.00	EA	DESOTO
110-WC03	CHANNEL EXCAVATION (CULVERT C)	1.00	LS	DRAINAGE
110-WC04	TEMP DITCH GRADING NEAR CULVERT B	1.00	LS	DRAINAGE
462-WC02	PIPE RUNNER FOR PRECAST BOX CULVERTS	1.00	LS	DRAINAGE
341-WC04	TOSCANA TRACE FULL DEPTH HOT MIX TO MAINTAIN ACCESS	1.00	LS	TOSCANA
110-WC02	SUBGRADE FINISHING	1.00	LS	CR 110
644-WC01	ALUMINUM SIGN (TY A) (CUSTOM)	13.00	SF	CR 110
658-WC01	INSTAL OM ASSM (OM-4) (TWT)GND	18.00	EA	CR 110
502-WC01	POLICE OFFICERS- VEHICLES FOR TCP	10,000	DOL	TCP
341-WC02	MILL-OVERLAY TO ELIMINATE PONDING ON UNIVERSITY BLVD-CR110	1.00	LS	REPAIR
351-WC01	POTHOLE REPAIR ON EXISTING ROADWAY	1.00	LS	REPAIR
680-WC01	REPLACE DAMAGED SIGNAL CONTROLLER	1.00	LS	REPAIR

J102-032	12” CONNECTION PVC TO DI	1.00	LS	JONAH
J102-033	24” GATE VALVE	1.00	LS	JONAH

This Change Order results in a net decrease of $11,737.45 to the Contract amount, for an adjusted Contract total of $9,010,984.08. The original Contract amount was $8,910,862.73. As a result of this and all Change Orders to-date, the Contract has been increased by $100,121.35, resulting in a 1.12% net increase in the Contract cost. Zero (0) additional days will be added to the Contract as a result of this Change Order.

HNTB Corporation

James Klotz, P.E.

Item 341-WC01

INVOICE

Date: 6/17/2020

Invoice # 10743-02

Primoris Services Corporation
James Construction Group

Bill To:
Eddie Chruch
HNTB Corporation
101 E. Old Settlers Blvd, Suite 100
Round Rock, TX 78664

RE:
Williamson
CR 110
Project No.: 1809-261
Control No.: 1809-261

Qty	UM	Description	Unit Price	Total
196.27	Tons	Full Depth Hot Mix at Desoto	$74.58	**$14,638.06**
			Total	**$14,638.06**

James Construction Group, LLC

Contractor's Basis of Estimate

Date:	7/30/2020	**Project:**	CR110 (MIDDLE SECTION)	**County:**	Williamson
CO Pricing Good For:	**45 Days (unless noted otherwise elsewhere)**	**Control:**	1809-261	**Highway:**	CR110
Description:	Full depth hot mix at University Intersection	**Original Contract:**	**Net CO:** $ -	**Revised Contract:**	
Estimated Qty:	196.27 Tons	**Narrative:**	In order to decrease the impact to the travelling public at the University Intersection and allow faster transition to the permanate configuration, HNTB approved the use of full depth hotmix in place of base East of the intersection		
Estimated Change in Contract Sum:	$ 14,638.06				
Estimated Change In Contract Time:					

JCG reserves the right to request equitable time and monetary adjustments for additional or unforeseen work resulting from this change order.

Labor	**Reg Hrs**	**OT Hrs**	**UM**	**Reg Rate**	**OT Rate (x1.5)**	**Extended**
Trey Dowley	5.00		HR	$ 15.00		$ 75.00
Jace Williams	5.00		HR	$ 15.00		$ 75.00
Richard Cummins	5.00		HR	$ 27.00		$ 135.00
Nicholas Brown	5.00		HR	$ 13.00		$ 65.00
Trey Dowley	5.00		HR	$ 15.00		$ 75.00
Jace Williams	5.00		HR	$ 15.00		$ 75.00
Richard Cummins	5.00		HR	$ 27.00		$ 135.00
						$ -
					Subtotal	$ 635.00
					15% Markup	$ 95.25
					55% Burdens	$ 349.25
					Total Labor	**$ 1,079.50**

Equipment	**QTY**	**UM**	**Rate**	**Extended**
Rental Double Drum Roller	2.00	day	$ 362.70	$ 725.40
G0487 Cat 140 Motor Grader	10.00	hr	$ 84.17	$ 841.70
				$ -
				$ -
			Subtotal	$ 841.70
			15% Markup	$ 126.26
			Total Equipment	**$ 967.96**

Subcontractors	**QTY**	**UM**	**Price**	**Extended**
Nunez Trucking	196.27	Tons	$ 7.14	$ 1,401.37
				$ -
			Subtotal	$ 1,401.37
			15% Markup	$ 210.21
			Total Subcontract	**$ 1,611.57**

Material	**QTY**	**UM**	**Price**	**Extended**
Texas Materials B Mix 200885199	147.98	Ton	$ 48.00	$ 7,103.04
Texas Materials B Mix 200885288	48.29	Ton	$ 48.00	$ 2,317.92
			Subtotal	$ 9,420.96
			15% Markup	$ 1,413.14
			Total Material	**$ 10,834.10**

Additional Work Items	**QTY**	**Units**	**Price**	**Extended**
		DOL	$ -	$ -
			Total	**$ -**

TOTAL OF WORK PERFORMED	**$ 14,493.13**
BOND FEE (ADD 1%)	**$ 144.93**
TOTAL COST	**$ 14,638.06**
UNIT PRICE (TOTAL COST/EST. QTY)	**$ 74.58**

Foreman's Daily Time Report

Primoris

Job No.	Day of Week	Date	Week Ending
10743	Friday	7/31/2020	8/2/2020

Job Name: CR 110 Williamson County

Weather:

Allocation				A	B	C	D	E
Phase				0507-2000	0596-8400	0501-1000		
Description				Traffic Control	HMAC	Prep ROW		
Per Diem								
AWA								

Employee No.	Name	Craft/Class	Equip. #	Equipment Meters/Mileage	ABS Code	NS Injury	Total Hrs Worked	A Hrs	B Hrs	C Hrs	D Hrs	E Hrs
200110	Brown, Nicholas	8/T1405	Flag		C/N	NI	5	5				
204019	Minton, Stevie	16/T1606	31998	CR101	C/N		0					
226645	Cummins, Richard C	8/T1306	G0487	9529 hrs	C/N	RC	5		5			
227961	Willess, Mike	8/T1306	T0609	8490 hrs	C/N	MW	5			5		
243082	Copeland, Willie	8/T1369		CR101	C/N		0					
243736	Williams, Jace C	19/T1175	LW479	9564 hrs	C/N	JW	5		5			
282417	Dowley, Trey	19/T1150	roller		C/N	TD	5		5			
282420	Welding, Christopher	19/T1175	Flag		C/N	CW	5	5				
	938M Loader	LW0505										
	CAT Art Truck 730C	TED0170										
	Cody's Truck	1-599		6950 Miles								
Totals							30	10	15	5		

Quantity		Description / Location, Stations, Etc.
A		Set up traffic Control at University Blvd. and flag
B	48.29	tons full depth Hot mix type B - University Blvd. rolling Sta 155+25 to 155+90, Rt side 156+50 to 157+32
C	166.11	sy Pavement Removal Old CR110 Sta 320+45 to 321+10 (65+23)
D		
E		

Production Report: List Load Counts, Deliveries, Accidents, Owner Verbal Directives, Problems Encountered, Explanation of Down Time, Etc.

Numer taking delivered 2 loads of B-mix

RA301 - 1273 hrs Transfer Out

Foreman: ANDREW GUTIERREZ Date: 7-31-2020

Crew - B001

Project Manager: Date:

ALEXANDER KREJCHI
PROJECT ENGINEER
TEXAS DIVISION

Office Manager: Date:

Foreman's Daily Time Report

Primoris

Job No.	Day of Week	Date	Week Ending
10743	Thursday	7-30-2020	8-2-2020

Job Name: CR 110 Williamson County

Weather:

Employee No.	Name	Craft/Class	Equip. #	Equipment Meters/Mileage	Abs Code	No injury	Total Hrs Worked	A Hrs	B Hrs	C Hrs	D Hrs	E Hrs
	Allocation							0501-4000	0596-8400	0501-4000	0501-2000	0507-2000
	Phase											
	Description							Subgrade	full depth Hotmix	Slopes	Topsoil	Traffic Control
	Per Diem											
	AWA											
200110	Brown, Nicholas	8/T1405	RA0301		C/N		8.5	3.5	5			
204019	Minton, Stevie	16/T1606	31988	10507 hrs	C/N		8.5					8.5
226645	Cummins, Richard C	8/T1306	G0487		C/N	RC	8.5	3.5	5			
227961	Willess, Mike	8/T1306	T0609	8486 hrs	C/N	MW	10			6	4	
243082	Copeland, Willie	8/T1369	CR101		C/N							
243736	Williams, Jace C	19/T1175	LW479	6560 hrs	C/N	W	8.5	3.5	5			
282417	Dowley, Trey	19/T1150	Skid wheel	433 hrs	C/N	TD	8.5	3.5	5			
282420	Walding, Christopher	19/T1175			C/N	W	8.5					8.5
	938M Loader	LW0505										
	CAT Art Truck 730C	TED0170		757 hrs								
	Cody's Truck	1-599		6783								
	Totals						61	14	20	6	4	17

	Quantity		Description / Location, Station, Etc.
A		SY	Finish Subgrade University Blvd Rt side Sta 156+50 to 157+32, Lt side Sta 156+50 to 157, radius Sta 155+25 to 155+40
B	147.48	tons	full depth Hotmix University Blvd, Rt side Sta 156+50 to 157+32 Lt side Sta 156+50 to 157, radius Sta 155+25 to 155+40
C	2016.66	SY	Finish slopes Rt ditch Sta 314 to 319+50 (550 X 33)
D	224	CY	Topsoil, Lt ditch Sta 314 to 319+50 (550 X 33 X 4")
E			Set up traffic Control and Flag at University Blvd.

Production Report: List Load Counts, Deliveries, Accidents, Owner Verbal Directives, Problems Encountered, Explanation of Down Time, Etc.

Runez trucking delivered 147.98 tons of Type B Hotmix

Foreman: ANDREW GUTIERREZ	Date: 7-30-2020	Project Manager:	Date:	Office Manager:	Date:
Crew - B001			7-31-20 ALEXANDER KREJCHI PROJECT ENGINEER TEXAS DIVISION		

EquipmentWatch.

www.equipmentwatch.com

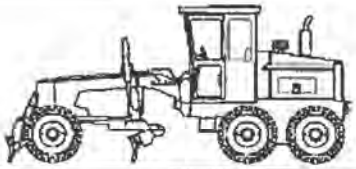
All prices shown in US dollars ($)

Rental Rate Blue Book®

April 13, 2020

Caterpillar 140M AWD (disc. 2014)
Articulated Frame Graders

Size Class:
170 - 199 HP
Weight:
N/A



Configuration for 140M AWD (disc. 2014)

Net Horsepower	**183.0 hp**	Power Mode	**Diesel**

Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

	Ownership Costs				Estimated Operating Costs	FHWA Rate**
	Monthly	Weekly	Daily	Hourly	Hourly	Hourly
Published Rates	USD $8,215.00	USD $2,300.00	USD $575.00	USD $86.00	USD $42.67	USD $89.35
Adjustments						
Region (Texas: 88.9%)	(USD $911.86)	(USD $255.30)	(USD $63.83)	(USD $9.55)		
Model Year (2014: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	**USD $7,303.13**	**USD $2,044.70**	**USD $511.17**	**USD $76.45**	**USD $42.67**	**USD $84.17**

Non-Active Use Rates

	Hourly
Standby Rate	USD $23.24
Idling Rate	USD $59.42

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	34%	USD $2,793.10/mo
Overhaul (ownership)	45%	USD $3,696.75/mo
CFC (ownership)	11%	USD $903.65/mo
Indirect (ownership)	11%	USD $903.65/mo
Fuel (operating) @ USD 3.07	42%	USD $17.92/hr

Revised Date: 1st half 2020

These are the most accurate rates for the selected Revision Date(s). However, due to more frequent online updates, these rates may not match Rental Rate Blue Book Print. Visit the Cost Recovery Product Guide on our Help page for more information.

The equipment represented in this report has been exclusively prepared for ALLISON CANGELOSI (acangelosi@jcgllc.com)

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United Rentals

BRANCH 19J
1910 WEST PECAN STREET
PFLUGERVILLE TX 78660
512-990-8665
512-990-1944 FAX

RENTAL RETURN INVOICE

184384064-001

Customer #	: 534595
Invoice Date	: 08/04/20
Rental Out	: 07/30/20 09:00 AM
Rental In	: 07/31/20 12:00 PM
UR Job Loc	: CR110 & UNIVERSITY,
UR Job #	: 388
Customer Job ID:	
P.O. #	: 524571
Requested By	: ALEX KREJCHI
Reserved By	: BRYAN JONES
Salesperson	: JARED KARNS

Job Site

CR110 & UNIVERSITY
CR110 & UNIVERSITY
x:X@X
ROUND ROCK TX 78665
Office: 225-295-4830 **Cell:** 254-718-4392

JAMES CONST GROUP LLC TX
PO BOX 90022
BATON ROUGE LA 70879-9022

Invoice Amount: $725.39

Terms: Net 30 Days
Payment options: Contact our credit office 704-916-4841 Ext. 700884
REMIT TO: UNITED RENTALS (NORTH AMERICA),INC.
FILE 51122
LOS ANGELES CA 90074-1122

RENTAL ITEMS:

Qty	Equipment	Description	Minimum	Day	Week	Month	Amount
1	10597594	ROLLER 1.5 TON DOUBLE DRUM SMOOTH GAS Make: WACKER Model: RD 12A-90 Serial: 24374587 Meter out: 425.00 Meter in: 435.20	251.00	251.00	818.00	1678.00	439.25

Rental Subtotal: 439.25

SALES/MISCELLANEOUS ITEMS:

Qty	Item		Price	Unit of Measure	Extended Amt.
1	TX UNIT PROPERTY TAX	[DRSURTX/MCI]	.923	EACH	.92
1	DELIVERY CHARGE		115.000	EACH	115.00
1	PICKUP CHARGE		115.000	EACH	115.00

Sales/Misc Subtotal: 230.92

Agreement Subtotal: 670.17
Tax: 55.22
Total: 725.39

COMMENTS/NOTES:

CONTACT: ALEX KREJCHI
CELL#: 254-718-4392

ARE YOU OR YOUR EMPLOYEES IN NEED OF OPERATOR CERTIFICATION TRAINING?
CONTACT UNITED ACADEMY TODAY 844-222-2345 OR WWW.UNITEDACADEMY.UR.COM
TRAINING IS NOT AVAILABLE ON CERTAIN EQUIPMENT IN CANADA.

$\frac{725.39}{2} = 362.695$ 1 DAY

TW

NOTICE: This invoice is subject to the terms and conditions of the Rental and Service Agreement, which are available at https://www.unitedrentals.com/legal/rental-service-terms-US and which are incorporated herein by reference. A COPY OF THE RENTAL AND SERVICE AGREEMENT TERMS ARE AVAILABLE IN PAPER FORM UPON REQUEST.

You Can Now Access Invoice History and Update Purchase Orders Online
To Sign Up, contact URControlSupport@ur.com

PO Box 2675
Pflugerville, TX 78691

Invoice

Date 7/31/2020

Invoice # 41714

Bill To

James Construction Group, LLC
PO Box 90022
Baton Rouge, LA 70879-9022

Project
CR 110 Project From: Texas Materials

Item	Date	Description	Qty	Rate	Amount
Freight	7/30/2020	B MIX R 64-22 - per ton	147.98	7.14	1,056.58
Freight	7/31/2020	B MIX R 64-22 - per ton	48.29	7.14	344.79

TW

Total $1,401.37

Phone #	E-mail	Terms
737-444-8623	accounting@nuneztruckinginc.com	Net 30

TEXAS MATERIALS

A CRH COMPANY

1320 Arrow Point Dr Suite 600
Cedar Park, TX 78613

Customer No: 241920
Invoice No: 200893109
Inv Date: 07/30/20
Page: Page 1 of 1
Customer PO: 1809-261
Customer Job: Williamson Co. CR11

James Construction Group LLC
5880 W US Highway 190
Belton TX 76513-8149

ccarpenter@prim.com
accountspayable@prim.com

Texas Materials
1320 Arrow Point Dr Suite 600
Cedar Park, TX 78613
512-861-7100

Delivered To: Williamson Co. CR110

Date	Ticket#	Product#	Description	QTY	UM	Unit Price	Haul QTY	Haul Rate	Matl Total	Haul Total	Tax	Total
Plant: 04266 Asphalt - Seward												
MATERIAL:	B MIX R 64-22											
07/30/20	202231	213005	B MIX R 64-22	24.50	TON	48.00	0.00	0.00	1,176.00	0.00	0.00	1,176.00
07/30/20	202234	213005	B MIX R 64-22	25.15	TON	48.00	0.00	0.00	1,207.20	0.00	0.00	1,207.20
07/30/20	202235	213005	B MIX R 64-22	24.48	TON	48.00	0.00	0.00	1,175.04	0.00	0.00	1,175.04
07/30/20	202238	213005	B MIX R 64-22	24.36	TON	48.00	0.00	0.00	1,169.28	0.00	0.00	1,169.28
07/30/20	202239	213005	B MIX R 64-22	25.09	TON	48.00	0.00	0.00	1,204.32	0.00	0.00	1,204.32
07/30/20	202241	213005	B MIX R 64-22	24.40	TON	48.00	0.00	0.00	1,171.20	0.00	0.00	1,171.20
Total :	B MIX R 64-22			**147.98**			**TON**		**7,103.04**	**0.00**	**0.00**	**7,103.04**
Total :	**Material**	B MIX R 64-22		**147.98**					**7,103.04**	**0.00**	**0.00**	**7,103.04**
			Total Invoice:	**147.98**					**7,103.04**	**0.00**	**0.00**	**7,103.04**

You can now access your invoices and make payments through our customer portal. Register now by clicking on https://mytexasmaterialsgroup.com. Please note that the new remit to suite number has been changed to # 307.

Terms: Net 30.

Invoice Amount: **7,103.04**

Amount Paid: _____

Customer Name: James Construction Group LLC
Customer No: 241920
Invoice #: 200893109
Date: 07/30/20
Customer Job: Williamson Co. CR11
Customer PO: 1809-261
Due Date: 08/29/20

If you have any questions about your invoice please call 512-861-7100

Remit Payment To: **Texas Materials Group, Inc.**
1320 Arrow Point Dr
Suite 307
Cedar Park, TX 78613

Please provide your email address below if you would like to start receiving your invoices via email

_____

TEXAS MATERIALS
A CRH COMPANY

Thank you for your business!

202231

0596-4007-31

Date: 07/30/2020 10:26:20 am

Picked Up

Location: **04266 - Liberty Hill Plant**
Customer: **241920 James Construction Group LLC**
Order: **65363766 - IRONHORSE ASPHALT FOB**
Vehicle: **4392 - hellas**
Carrier: **IND - Independent Haul**
Product: **213005 - B MIX R 64-22**

Tax: TX246567 - TX Willian
Pay: Account
Job:
P.O.: 524570
Disp.: 36332
Quant.: **24.50 Ton**

	Pounds	Tons
Gross	75760	37.88
Tare	26760	13.38
Net	49000	24.50

CR 110

	Today	Order Totals
Loads:	1	1
Received:	24.50	24.50

Received: _____

Dispatch: 1 24.50

Weighmaster: Seward Plant

This is to certify that the material herein described meets the applicable contract specifications and requirements

CUSTOMER COPY

TEXAS MATERIALS
A CRH COMPANY

Liberty Hill Plant

Thank you for your business!

202231

Date: 07/30/2020 10:26:20 am

Picked Up

Location: **04266 - Liberty Hill Plant**
Customer: **241920 James Construction Group LLC**
Order: **65363766 - IRONHORSE ASPHALT FOB**
Vehicle: **4392 - hellas**
Carrier: **IND - Independent Haul**
Product: **213005 - B MIX R 64-22**

Tax: TX246567 - TX Willian
Pay: Account
Job:
P.O.: 524570
Disp.: 36332
Quant.: **24.50 Ton**

	Pounds	Tons
Gross	75760	37.88
Tare	26760	13.38
Net	49000	24.50

CR 110

	Today	Order Totals
Loads:	1	1
Received:	24.50	24.50

Received:

Dispatch: 1 24.50

Weighmaster: Seward Plant

This is to certify that the material herein described meets the applicable contract specifications and requirements.

CUSTOMER COPY

TEXAS MATERIALS
A CRH COMPANY

Thank you for your business!

202234

Date: 07/30/2020 10:54:54 am

Picked Up

Location: **04266 - Liberty Hill Plant**
Customer: **241920 James Construction Group LLC**
Order: **65363766 - IRONHORSE ASPHALT FOB**
Vehicle: **1692 - ARYF Transport**
Carrier: **IND - Independent Haul**
Product: **213005 - B MIX R 64-22**

Tax: TX246567 - TX Willian
Pay: Account
Job:
P.O.: 524570
Disp.: 36332
Quant.: **25.15 Ton**

	Pounds	Tons
Gross	79900	39.95
Tare	29600	14.80
Net	50300	25.15

CR 110

	Today	Order Totals
Loads:	2	2
Received:	49.65	49.65

Received: _____

Dispatch: 2 49.65 Weighmaster: Seward Plant

This is to certify that the material herein described meets the applicable contract specifications and requirements **CUSTOMER COPY**

TEXAS MATERIALS
A CRH COMPANY
Liberty Hill Plant

Thank you for your business!

202234

Date: 07/30/2020 10:54:54 am

Picked Up

Location: 04266 - Liberty Hill Plant
Customer: 241920 James Constraction Group LLC
Order: 65363766 - IRONHORSE ASPHALT FOB
Vehicle: 1692 - ARYF Transport
Carrier: IND - Independent Haul
Product: 213005 - B MIX R 64-22

Tax: TX246567 - TX Willian
Pay: Account
Job:
P.O.: 524570
Disp.: 36332
Quant.: 25.15 Ton

	Pounds	Tons
Gross	79900	39.95
Tare	29600	14.80
Net	50300	25.15

CR 110

	Today	Order Totals
Loads:	2	2
Received:	49.65	49.65

Received: _____

Dispatch: 2 49.65 Weighmaster: Seward Plant

This is to certify that the material herein described meets the applicable contract specifications and requirements CUSTOMER COPY

(512) 647-0168 Leeda Homes

#16.92

A CRH COMPANY

Thank you for your business!

202235

Date: 07/30/2020 11:05:19 am

Location: **04266 - Liberty Hill Plant**

Customer: **241920 James Construction Group LLC**

Order: **65363766 - IRONHORSE ASPHALT FOB**

Vehicle: **8085 - blue gray**

Carrier: **IND - Independent Haul**

Product: **213005 - B MIX R 64-22**

Tax: TX246567 - TX Willian

Pay: Account

Job:

P.O.: 524570

Disp.: 36332

Quant.: **24.48 Ton**

Picked Up

	Pounds	Tons
Gross	79640	39.82
Tare	30680	15.34
Net	48960	24.48

CR 110

	Today	Order Totals
Loads:	3	3
Received:	74.13	74.13

Received: _____

Dispatch: 3 74.13 Weighmaster: Seward Plant

This is to certify that the material herein described meets the applicable contract specifications and requirements. **CUSTOMER COPY**

TEXAS MATERIALS
A CRH COMPANY

Liberty Hill Plant

Thank you for your business!

202235

Date: 07/30/2020 11:05:19 am

Location: 04266 - Liberty Hill Plant

Customer: 241920 James Construction Group LLC

Order: 65363766 - IRONHORSE ASPHALT FOB

Vehicle: 8085 - blue gray

Carrier: IND - Independent Haul

Product: 213005 - B MIX R 64-22

Tax: TX246567 - TX Willian

Pay: Account

Job:

P.O.: 524570

Disp.: 36332

Quant.: 24.48 Ton

Picked Up

	Pounds	Tons
Gross	79640	39.82
Tare	30680	15.34
Net	48960	24.48

CR 110

	Today	Order Totals
Loads:	3	3
Received:	74.13	74.13

Received: _____

Dispatch: 3 74.13 Weighmaster: Seward Plant

This is to certify that the material herein described meets the applicable contract specifications and requirements. CUSTOMER COPY

TEXAS MATERIALS
A CRH COMPANY

Thank you for your business!

202238

Date: 07/30/2020 11:54:41 am

Picked Up

Location: **04266 - Liberty Hill Plant**
Customer: **241920 James Construction Group LLC**
Order: **65363766 - IRONHORSE ASPHALT FOB**
Vehicle: **4392 - hellas**
Carrier: **IND - Independent Haul**
Product: **213005 - B MIX R 64-22**

Tax: TX246567 - TX Willian
Pay: Account
Job:
P.O.: 524570
Disp.: 36332
Quant.: **24.36 Ton**

	Pounds	Tons
Gross	75380	37.69
Tare	26660	13.33
Net	48720	24.36

CR 110

	Today	Order Totals
Loads:	4	4
Received:	98.49	98.49

Received: _____

Dispatch: 4 98.49

Weighmaster: Seward Plant

This is to certify that the material herein described meets the applicable contract specifications and requirements.

CUSTOMER COPY

TEXAS MATERIALS
A CRH COMPANY

Liberty Hill Plant

Thank you for your business!

202238

Date: 07/30/2020 11:54:41 am

Picked Up

Location: **04266 - Liberty Hill Plant**
Customer: **241920 James Construction Group LLC**
Order: **65363766 - IRONHORSE ASPHALT FOB**
Vehicle: **4392 - hellas**
Carrier: **IND - Independent Haul**
Product: **213005 - B MIX R 64-22**

Tax: TX246567 - TX Willian
Pay: Account
Job:
P.O.: 524570
Disp.: 36332
Quant.: **24.36 Ton**

	Pounds	Tons
Gross	75380	37.69
Tare	26660	13.33
Net	48720	24.36

CR 110

	Today	Order Totals
Loads:	4	4
Received:	98.49	98.49

Received: _____

Dispatch: 4 98.49

Weighmaster: Seward Plant

This is to certify that the material herein described meets the applicable contract specifications and requirements.

CUSTOMER COPY

A CRH COMPANY

Thank you for your business!

202239

Date: 07/30/2020 12:20:14 pm
Location: 04266 - Liberty Hill Plant
Customer: 241920 James Construction Group LLC
Order: 65363766 - IRONHORSE ASPHALT FOB
Vehicle: 1692 - ARYF Transport
Carrier: IND - Independent Haul
Product: 213005 - B MIX R 64-22

Tax: TX246567 - TX Willian
Pay: Account
Job:
P.O.: 524570
Disp.: 36332
Quant.: **25.09 Ton**

Picked Up

	Pounds	Tons
Gross	79720	39.86
Tare	29540	14.77
Net	50180	25.09

CR 110

	Today	Order Totals
Loads:	5	5
Received:	123.58	123.58

Received: _____

Dispatch: 5 123.58 Weighmaster: Seward Plant

This is to certify that the material herein described meets the applicable contract specifications and requirements. **CUSTOMER COPY**

TEXAS MATERIALS
A CRH COMPANY
Liberty Hill Plant

Thank you for your business!

202239

Date: 07/30/2020 12:20:14 pm
Location: 04266 - Liberty Hill Plant
Customer: 241920 James Construction Group LLC
Order: 65363766 - IRONHORSE ASPHALT FOB
Vehicle: 1692 - ARYF Transport
Carrier: IND - Independent Haul
Product: 213005 - B MIX R 64-22

Tax: TX246567 - TX Willian
Pay: Account
Job:
P.O.: 524570
Disp.: 36332
Quant.: 25.09 Ton

Picked Up

	Pounds	Tons
Gross	79720	39.86
Tare	29540	14.77
Net	50180	25.09

CR 110

	Today	Order Totals
Loads:	5	5
Received:	123.58	123.58

Received: _____

Dispatch: 5 123.58 Weighmaster: Seward Plant

This is to certify that the material herein described meets the applicable contract specifications and requirements. CUSTOMER COPY

TEXAS MATERIALS
A CRH COMPANY

Thank you for your business!

202241

Date: 07/30/2020 12:35:31 pm

Picked Up

Location: **04266 - Liberty Hill Plant**
Customer: **241920 James Construction Group LLC**
Order: **65363766 - IRONHORSE ASPHALT FOB**
Vehicle: **8085 - blue gray**
Carrier: **IND - Independent Haul**
Product: **213005 - B MIX R 64-22**

Tax: TX246567 - TX Willian
Pay: Account
Job:
P.O.: 524570
Disp.: 36332
Quant.: **24.40 Ton**

	Pounds	Tons
Gross	79360	39.68
Tare	30560	15.28
Net	48800	24.40

CR 110

	Today	Order Totals
Loads:	6	6
Received:	147.98	147.98

Received: _____

Dispatch: 6 147.98

Weighmaster: Seward Plant

This is to certify that the material herein described meets the applicable contract specifications and requirements.

CUSTOMER COPY

TEXAS MATERIALS
A CRH COMPANY
Liberty Hill Plant

Thank you for your business!

202241

Date: 07/30/2020 12:35:31 pm

Picked Up

Location: 04266 - Liberty Hill Plant
Customer: 241920 James Construction Group LLC
Order: 65363766 - IRONHORSE ASPHALT FOB
Vehicle: 8085 - blue gray
Carrier: IND - Independent Haul
Product: 213005 - B MIX R 64-22

Tax: TX246567 - TX Willian
Pay: Account
Job:
P.O.: 524570
Disp.: 36332
Quant.: 24.40 Ton

	Pounds	Tons
Gross	79360	39.68
Tare	30560	15.28
Net	48800	24.40

CR 110

	Today	Order Totals
Loads:	6	6
Received:	147.98	147.98

Received: _____

Dispatch: 6 147.98

Weighmaster: Seward Plant

This is to certify that the material herein described meets the applicable contract specifications and requirements.

CUSTOMER COPY

TEXAS MATERIALS

A CRH COMPANY
1320 Arrow Point Dr Suite 600
Cedar Park, TX 78613

Customer No: 241920
Invoice No: 200893965
Inv Date: 07/31/20
Page: Page 1 of 1
Customer PO: 1809-261
Customer Job: Williamson Co. CR11

James Construction Group LLC
5880 W US Highway 190
Belton TX 76513-8149

ccarpenter@prim.com
accountspayable@prim.com

Texas Materials
1320 Arrow Point Dr Suite 600
Cedar Park, TX 78613
512-861-7100

Delivered To: Williamson Co. CR110

Date	Ticket#	Product#	Description	QTY	UM	Unit Price	Haul QTY	Haul Rate	Matl Total	Haul Total	Tax	Total
Plant: 04266 Asphalt - Seward												
MATERIAL:	B MIX R 64-22											
07/31/20	202309	213005	B MIX R 64-22	23.96	TON	48.00	0.00	0.00	1,150.08	0.00	0.00	1,150.08
07/31/20	202316	213005	B MIX R 64-22	24.33	TON	48.00	0.00	0.00	1,167.84	0.00	0.00	1,167.84
Total :	B MIX R 64-22			**48.29**			**TON**		**2,317.92**	**0.00**	**0.00**	**2,317.92**
Total :	**Material**	B MIX R 64-22		**48.29**					**2,317.92**	**0.00**	**0.00**	**2,317.92**
			Total Invoice:	**48.29**					**2,317.92**	**0.00**	**0.00**	**2,317.92**

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TW

Terms: Net 30.

Invoice Amount: **2,317.92**

Amount Paid: _____

Customer Name: James Construction Group LLC
Customer No: 241920
Invoice #: 200893965
Date: 07/31/20
Customer Job: Williamson Co. CR11
Customer PO: 1809-261
Due Date: 08/30/20

If you have any questions about your invoice please call 512-861-7100

Remit Payment To: **Texas Materials Group, Inc.**
1320 Arrow Point Dr
Suite 307
Cedar Park, TX 78613

Please provide your email address below if you would like to start receiving your invoices via email

_____

TEXAS MATERIALS
A CRH COMPANY

Thank you for your business!

University Blvd.

202309

Date: 07/31/2020 8:14:23 am

Picked Up

Location: **04266 - Liberty Hill Plant**
Customer: **241920 James Construction Group LLC**
Order: **65363766 - IRONHORSE ASPHALT FOB**
Vehicle: **8093 - red kenworth**
Carrier: **IND - Independent Haul**
Product: **213005 - B MIX R 64-22**

Tax: TX246567 - TX Willian
Pay: Account
Job:
P.O.: 524573
Disp.: 36529
Quant.: **23.96 Ton**

	Pounds	Tons
Gross	76760	38.38
Tare	28840	14.42
Net	47920	23.96

CR 110

	Today	Order Totals
Loads:	1	7
Received:	23.96	171.94

Received: _____

Dispatch: 1 23.96

Weighmaster: Seward Plant

This is to certify that the material herein described meets the applicable contract specifications and requirements. **CUSTOMER COPY**

TEXAS MATERIALS
A CRH COMPANY

Liberty Hill Plant

Thank you for your business!

202316

Date: 07/31/2020 8:42:19 am

Picked Up

Location: **04266 - Liberty Hill Plant**
Customer: **241920 James Construction Group LLC**
Order: **65363766 - IRONHORSE ASPHALT FOB**
Vehicle: **4188 - redgrey**
Carrier: **IND - Independent Haul**
Product: **213005 - B MIX R 64-22**

Tax: TX246567 - TX Willian
Pay: Account
Job:
P.O.: 524573
Disp.: 36529
Quant.: **24.33 Ton**

	Pounds	Tons
Gross	77400	38.70
Tare	28740	14.37
Net	48660	24.33

CR 110

	Today	Order Totals
Loads:	2	8
Received:	48.29	196.27

Received: _____

Dispatch: 2 48.29

Weighmaster: Seward Plant

This is to certify that the material herein described meets the applicable contract specifications and requirements. **CUSTOMER COPY**

TEXAS MATERIALS

A CRH COMPANY
1320 Arrow Point Dr Suite 600
Cedar Park, TX 78613

Customer No: 241920
Invoice No: 200894214
Inv Date: 08/03/20
Page: Page 1 of 1
Customer PO: 524572

James Construction Group LLC
5880 W US Highway 190
Belton TX 76513-8149

ccarpenter@prim.com
accountspayable@prim.com

Texas Materials
1320 Arrow Point Dr Suite 600
Cedar Park, TX 78613
512-861-7100

Delivered To: JOB 1783 CR 110

Date	Ticket#	Product#	Description	QTY	UM	Unit Price	Haul QTY	Haul Rate	Matl Total	Haul Total	Tax	Total
Plant: 04267 Asphalt - Manor												
JOB # / PO #		/ 524572										
MATERIAL:	COLD MIX D .6											
08/3/20	243172	225070	COLD MIX D .6	24.68	TON	71.00	0.00	0.00	1,752.28	0.00	144.56	1,896.84
Total :	COLD MIX D .6			**24.68**			**TON**		**1,752.28**	**0.00**	**144.56**	**1,896.84**
Total :	**Material**	COLD MIX D .6		**24.68**					**1,752.28**	**0.00**	**144.56**	**1,896.84**
			Total Invoice:	**24.68**					**1,752.28**	**0.00**	**144.56**	**1,896.84**

You can now access your invoices and make payments through our customer portal. Register now by clicking on https://mytexasmaterialsgroup.com. Please note that the new remit to suite number has been changed to # 307.

Terms: Net 30.

TW

Invoice Amount: **1,896.84**

Amount Paid: _____

Customer Name: James Construction Group LLC
Customer No: 241920
Invoice #: 200894214
Date: 08/3/20

Customer PO: 524572
Due Date: 09/02/20

If you have any questions about your invoice please call 512-861-7100

Remit Payment To: **Texas Materials Group, Inc.**
1320 Arrow Point Dr
Suite 307
Cedar Park, TX 78613

Please provide your email address below if you would like to start receiving your invoices via email

_____

TEXAS MATERIALS
A CRH COMPANY

Manor Plant

Thank you for your business!

243172

Date: 08/03/2020 9:46:32 am

Location: **04267 - Manor Plant**
Customer: **241920 James Construction Group LLC**
Order: **65363766 - IRONHORSE ASPHALT FOB**
Vehicle: **5485 - 5485**
Carrier: **228521 - CKJSOUTHTEXASSERIESLLC**
Product: **225070 - COLD MIX D .6**

Tax: TX227659 - Manor Ta
Pay: Account
Job:
P.O.: 524572
Disp.: 36399
Quant.: **24.68 Ton**

Picked Up

	Pounds	Tons
Gross	78320	39.16
Tare	28960	14.48
Net	49360	24.68

JOB 1783 CR 110

	Today		Order Totals
Loads:	1	Loads:	3
Received:	24.68	Received:	70.91
Dispatch: 1	24.68	Weighmaster: Manor Plant	

Received: _____

This is to certify that the materials herein described meets the applicable contract specifications and requirements

CUSTOMER COPY

5880 WEST HWY 190, SUITE 100
BELTON, TX 76513
PHONE (254) 939-8610
FAX (254) 939-8611

JCG New Item Pricing

Item 104-6022
Item 104-6036
Item 105-6037
Item 500-WC01
Item 531-6001
Item 531-6010

CLAYTON WEBER
HNTB CORPORATION
101 E. Old Settlers Blvd, Suite 100
Round Rock, TX 78664

WILLIAMSON Co. - CR 110 MIDDLE SECTION
Job #: 1809-261
Control#: 1809-261
RE: New Item Pricing Drainage Revision (RFI 28, 38, 39)

Dear Mr. Weber:

PSC has provided with this letter pricing for the new items of work added by the drainage revisions outlined in RFI response 28, 38, and 39.

The attached pricing for removals was generated by using the TXDOT 3-month moving average for each item of work in the Austin District.

PSC will subcontract the sidewalk and curb ramps to Elite Curb.

Regards,
James Construction Group

Heath Taylor
Project Manager

CC: Project File, David Thomas, Alexander Krejchi

PROPOSAL

Date: 10/2/2020

Invoice # 10743-03

Primoris Services Corporation
James Construction Group

Send To:
Eddie Chruch
HNTB Corporation
101 E. Old Settlers Blvd, Suite 100
Round Rock, TX 78664

RE:
Williamson
CR 110
Project No.: 1809-261
Control No.: 1809-261

Qty	UM	Description	Unit Price	Total
328.00	LF	0104-6022, Removing Conc (Curb and Gutter)	$7.30	**$2,394.40**
86.00	SY	0104-6036, Removing Conc (Sidewalk or Ramp)	$50.00	**$4,300.00**
482.00	SY	0105-6037, Remove Stab Base & Asph Pav (0"-16")	$35.00	**$16,870.00**
44.00	SY	0531-6001, Conc Sidewalks (4")	$98.90	**$4,351.60**
4.00	EA	0531-6010, Curb Ramps (TY 7)	$2,029.75	**$8,119.00**
1.00	LS	Elite Mobilization	$1,851.50	**$1,851.50**
			Total	**$37,886.50**

James Construction Group, LLC

Contractor's Basis of Estimate

Date:	10/2/2020	**Project:**	CR110 (MIDDLE SECTION)	**County:**	Williamson
CO Pricing Good For:	**45 Days (unless noted otherwise elsewhere)**	**Control:**	1809-261	**Highway:**	CR110
Description:	Desoto Driveway Revisions	**Original Contract:**		**Net CO:** $ -	**Revised Contract:**
Estimated Qty:	1.00 LS	**Narrative:**			
Estimated Change in Contract Sum:	$ 37,886.50				
Estimated Change In Contract Time:					

JCG reserves the right to request equitable time and monetary adjustments for additional or unforeseen work resulting from this change order.

Labor		**Reg Hrs**	**OT Hrs**	**UM**	**Reg Rate**	**OT Rate (x1.5)**		**Extended**
							$	-
							$	-
							$	-
						Subtotal	$	-
						15% Markup	$	-
						55% Burdens	$	-
						Total Labor	**$**	-

Equipment		**QTY**	**UM**	**Rate**		**Extended**
					$	-
					$	-
					$	-
				Subtotal	$	-
				15% Markup	$	-
				Total Equipment	**$**	-

Subcontractors		**QTY**	**UM**	**Price**		**Extended**		
Elite Curb							+15% Markup	Adjusted Uni
	MOBILIZATION	1.00	LS	$1,610.00	$	1,610.00	$ 1,851.50	$ 1,851.50
0531-6001	CONC CURB RAMPS (TY 7)	4.00	EA	$1,765.00	$	7,060.00	$ 8,119.00	$ 2,029.75
0531-6010	CONC SIDEWALKS (4")	44.00	SY	$86.00	$	3,784.00	$ 4,351.60	$ 98.90
				Subtotal	$	12,454.00		
				15% Markup	$	1,868.10		
				Total Subcontract	**$**	**14,322.10**		

Material		**QTY**	**UM**	**Price**		**Extended**
			CY		$	-
				Subtotal	$	-
				15% Markup	$	-
				Total Material	**$**	-

Additional Work Items		**QTY**	**Units**	**Price**		**Extended**
0104-6022	REMOVING CONC (CURB & GUTTER)	328.00	DOL	$ 7.30	$	2,394.40
0104-6036	REMOVING CONC (SIDEWALK OR RAMP)	86.00	DOL	$ 50.00	$	4,300.00
0105-6037	REMOV STAB BASE & ASPH PAV (0"-16")	482.00	DOL	$ 35.00	$	16,870.00
				Subtotal	$	23,564.40
				Total	**$**	**23,564.40**

TOTAL OF WORK PERFORMED	**$**	**37,886.50**
BOND FEE (ADD 1%)		
TOTAL COST	**$**	**37,886.50**
UNIT PRICE (TOTAL COST/EST. QTY)	**$**	**37,886.50**



REVIEWED

By Eddie Church, P.E. at 5:18 pm, Oct 08, 2020

FILENAME: D:\098501503\CR 110\Dsgn\CR110sumd01.dgn
PLOTTED: 5/26/2020 2:58:39 PM

TRAFFIC CONTROL SUMMARY

SPEC ITEM	0400 6006	0401 6001	0402 6001	0403 6001	0460 6002	0464 6005	0502 6001	0508 6001	0512 6009	0512 6010	0512 6033	0512 6034	0512 6045	0512 6057	0512 6058	0662 6004	0662 6034	0662 6057	0662 6059
ITEM DESCRIPTION	CUT & RESTORING PAV	FLOWABLE BACKFILL	TRENCH EXCAVATION PROTECTION	TEMPORARY SPL SHORING	CMP (GAL STL 18 IN)	RC PIPE (CL III) (24 IN)	BARRICADES, SIGNS AND TRAFFIC HANDLING	CONSTRUCTING DETOURS	PORT CTB (FUR & INST) (LOW PROF) (TY 1)	PORT CTB (FUR & INST) (LOW PROF) (TY 2)	PORT CTB (MOVE) (LOW PROF) (TY 1)	PORT CTB (MOVE) (LOW PROF) (TY 2)	PORT CTB (STKPL) (LOW PROF) (TY 1)	PORT CTB (REMOVE) (LOW PROF) (TY 1)	PORT CTB (REMOVE) (LOW PROF) (TY 2)	WK ZN PAV MRK NON-REMOV (W) 4"SLD	WK ZN PAV MRK NON-REMOV (Y) 4"SLD	WK ZN PAV MRK REMOV (TRAF BTN) TY W	WK ZN PAV MRK REMOV (TRAF BTN) TY Y
UNITS	SY	CY	LF	SF	LF	LF	MO	SY	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF
TCP PHASE 1 STEP 1	45	42	35	0	0	0	0	272	0	0	0	0	0	0	0	0	0	4088	3800
TCP PHASE 1 STEP 2	34	31	26	0	0	0	0	12	180	40	0	0	0	0	0	0	0	1480	1480
TCP PHASE 1 STEP 3	35	32	27	0	0	0	0	0	0	0	100	40	80	0	0	0	0	4295	4013
TCP PHASE 2	0	0	0	520	157	92	0	951	260	0	180	40	0	80	0	5000	4280	790	1035
TCP PHASE 3	0	0	0	0	0	0	0	0	0	0	360	40	0	360	40	8231	8231	2345	2065
TOTAL	114	105	88	520	157	92	13	1235	440	40	640	120	80	440	40	13231	12511	12998	12393

TRAFFIC CONTROL SUMMARY CONT.

SPEC ITEM	0677 6001	0677 6003	0677 6008	0677 6012	6001 6001	6185 6002
ITEM DESCRIPTION	ELIM EXT PAV MRK & MRKS (4")	ELIM EXT PAV MRK & MRKS (8")	ELIM EXT PAV MRK & MRKS (ARROW)	ELIM EXT PAV MRK & MRKS (WORD)	PORTABLE CHANGEABLE MESSAGE SIGN	TMA (STATIONARY)
UNITS	LF	LF	EA	EA	DAY	DAY
TCP PHASE 1 STEP 1	8210	0	0	0		
TCP PHASE 1 STEP 2	2910	128	2	1		
TCP PHASE 1 STEP 3	1260	0	0	0		
TCP PHASE 2	6700	140	1	1		
TCP PHASE 3	1945	170	3	3		
TOTAL	21025	436	6	5	77	179

REMOVAL SUMMARY

SPEC ITEM	0104 6005	0104 6022	0104 6036	0104 6054	0105 6037	*0106 6002	0496 6004	0496 6005	0496 6006	0496 6007	0496 6008	0542 6001	0544 6003	0550 6003
ITEM DESCRIPTION	REMOVING CONC (RIPRAP)	REMOVING CONC (CURB AND GUTTER)	REMOVING CONC (SIDEWALK OR RAMP)	REMOVING CONCRETE (MOW STRIP)	REMOVING STAB BASE & ASPH PAV (0"-16")	OBLITERATING ABANDONED ROAD	REMOV STR (SET)	REMOV STR (WINGWALL)	REMOV STR (HEADWALL)	REMOV STR (PIPE)	REMOV STR (BOX CULVERT)	REMOVE METAL BEAM GUARD FENCE	GUARDRAIL END TREATMENT (REMOVE)	CHAIN LINK FENCE (REMOVE)
UNITS	SY	LF	SY	LF	SY	SY	EA	EA	EA	LF	LF	LF	EA	LF
REMOVAL PLAN														
SHEET 1 OF 5	0	288	86	0	448	7423	3	2	2	260	35	0	0	331
SHEET 2 OF 5	49	40	0	0	34	6687	0	0	6	359	0	0	0	0
SHEET 3 OF 5	0	0	0	0	0	5594	0	0	0	0	0	0	0	0
SHEET 4 OF 5	0	0	0	167	0	5693	2	0	0	163	0	100	2	0
SHEET 5 OF 5	0	0	0	0	0	1197	0	0	0	0	0	0	0	0
SHEET 6 OF 6	0	0	0	0	0	0	0	0	0	0	0	255	2	0
TOTAL	49	328	86	167	482	26594	5	2	8	782	35	355	4	331

* FOR CONTRACTORS INFORMATION ONLY

ROADWAY SUMMARY

SPEC ITEM	0100 6002	0110 6001	0132 6003	0247 6044	0260 6002	0260 6073	0310 6001	0316 6193	0316 6413	0341 6008	0341 6042	0351 6002	0432 6045	0529 6008
ITEM DESCRIPTION	PREPARING ROW	EXCAVATION (ROADWAY)	EMBANKMENT (FINAL) (ORD COMP) (TY B)	FL BS (CMP IN PLC) (TY A GR 4) (FNAL POS)	LIME (HYDRATED LIME (SLURRY))	LIME TRT (SUBGRADE) (8")	PRIME COAT (MULTI OPTION)	AGGR (TY-D GR-S SAC-B)	ASPH (AC - 15P, HFRS - 2P OR CRS - 2P)	D-GR HMA TY-B PG64-22	D-GR HMA TY-D SAC-B PG70-22	FLEXIBLE PAVEMENT STRUCTURE REPAIR (6")	RIPRAP (MOW STRIP) (4 IN)	CONC CURB & GUTTER (TY II)
UNITS	STA	CY	CY	CY	TON	SY	GAL	CY	GAL	TON	TON	SY	CY	LF
ROADWAY PLAN														
SHEET 1 OF 13	0.7	249	157	156	8	361	69	3	87	77	37	0	0	0
SHEET 2 OF 13	12.0	5971	2018	2807	120	6479	1177	36	1472	1333	650	0	0	620
SHEET 3 OF 13	12.0	5570	190	2695	113	6298	1111	34	1388	1261	621	0	0	1036
SHEET 4 OF 13	12.0	4982	4332	2645	118	6536	1132	35	1415	1662	634	0	40	1103
SHEET 5 OF 13	12.0	12383	3906	2772	116	6412	1110	34	1388	1300	621	0	7	1157
SHEET 6 OF 13	12.0	7595	2486	2768	115	6403	1108	34	1385	1298	619	0	9	1158
SHEET 7 OF 13	12.0	4629	3276	2759	115	6381	1107	34	1384	1258	618	150	0	1134
SHEET 8 OF 13	12.0	1837	9518	3277	137	7609	1318	41	1665	1520	740	390	9	976
SHEET 9 OF 13	12.0	12462	723	2944	123	6802	1226	37	1532	1368	674	0	0	722
SHEET 10 OF 13	12.0	5286	2898	3175	132	7338	1292	39	1615	1457	717	510	0	1107
SHEET 11 OF 13	7.5	1164	2520	2336	98	5452	983	30	1241	1108	545	340	0	390
SHEET 12 OF 13	11.9	1131	61	746	45	1731	295	9	369	319	138	0	16	0
SHEET 13 OF 13	9.3	884	47	583	35	1352	231	7	288	250	107	0	5	0
TOTAL	137.4	64149	32132	29663	1275	69154	12199	373	15249	14231	6721	1390	86	9401

ROADWAY SUMMARY CONT.

SPEC ITEM	0530 6005	0531 6001	0531 6010	0540 6001	0540 6017	0544 6001	0550 6001	0552 6001	0552 6005	0560 6001
ITEM DESCRIPTION	DRIVEWAYS (ACP)	CONC SIDEWALKS (4")	CURB RAMPS (TY 7)	MTL W-BEAM GD FEN (TIM POST)	MTL BEAM GD FEN (LONG SPAN SYSTEM)	GUARDRAIL END TREATMENT (INSTALL)	CHAIN LINK FENCE (INSTALL) (6')	WIRE FENCE (TY A)	GATE (TY I)	MAILBOX INSTALL-S (TWG-POST) TY 1
UNITS	SY	SY	EA	LF	LF	EA	LF	LF	EA	EA
ROADWAY PLAN										
SHEET 1 OF 13	0	0	0	0	0	0	0	100	0	0
SHEET 2 OF 13	278	22	2	0	0	0	100	2150	1	0
SHEET 3 OF 13	396	22	2	0	0	0	220	390	1	3
SHEET 4 OF 13	80	0	0	675	0	2	0	444	0	0
SHEET 5 OF 13	81	0	0	84	0	1	0	1423	0	1
SHEET 6 OF 13	80	0	0	141	0	1	0	1242	0	0
SHEET 7 OF 13	239	0	0	0	0	0	0	1195	0	0
SHEET 8 OF 13	0	0	0	38.0	50	2	0	1040	0	0
SHEET 9 OF 13	0	0	0	0	0	0	0	1214	0	0
SHEET 10 OF 13	0	0	0	0	0	0	0	1213	0	0
SHEET 11 OF 13	48	0	0	0	0	0	0	741	0	1
SHEET 12 OF 13	0	0	0	275	0	2	0	0	0	0
SHEET 13 OF 13	0	0	0	0	0	0	0	0	0	0
TOTAL	1202	44.0	4.0	1213.0	50	8	320	11152	2	5

1 DITCH AND DRIVEWAY REVISIONS

2 DITCH, RIPRAP, AND DRIVEWAY PIPE REVISIONS

Kimley»Horn F-928

© 2020 WILLIAMSON COUNTY

CR 110 (MIDDLE SECTION)

QUANTITY SUMMARIES

SHEET 1 OF 3

DES: RWL	WILLIAMSON COUNTY JOB NO.	SHEET NO.
CK: TAN		4

CONSTRUCTION PROJECT AVERAGE LOW BID

District: AUSTIN

UPDATED 04/18/2008

			STATEWIDE						DISTRICT NAME: AUSTIN DISTRICT NUMBER: 14					
			3 Month			12 Month			3 Month			12 Month		
ITEM CODE	ITEM DESCRIPTION	ITEM UNIT	STATEWIDE 3M COUNT	STATEWIDE 3M QUANTITY	STATEWIDE 3M AVG	STATEWIDE 12M COUNT	STATEWIDE 12M QUANTITY	STATEWIDE 12M AVG	DISTRICT14 - 3M COUNT	DISTRICT14 - 3M QUANTITY	DISTRICT14 - 3M AVG	DISTRICT14 - 12M COUNT	DISTRICT14 - 12M QUANTITY	DISTRICT14 - 12M AVG
01006001	PREPARING ROW	AC	6	18 63	$9,306 08	30	317 51	$7,070 76				2	2 64	$15,000 00
01006002	PREPARING ROW	STA	65	10,357 17	$1,242 62	295	55,587.23	$2,930 01	8	900 10	$2,784 07	33	4,589 06	$1,408 13
01006003	PREPARING ROW(TREE)(5" TO 12" DIA)	EA	2	24 00	$529 51	7	148 00	$693 97						
01006004	PREPARING ROW(TREE)(12" TO 24" DIA)	EA	3	24 00	$298 52	15	162 00	$1,255 08						
01006005	PREP ROW (TREE)(24"-30"DIA)	EA				1	2 00	$4,000 00						
01006006	PREP ROW (TREE)(LESS THAN 24" DIA)	EA				5	84 00	$1,442 44				1	1 00	$1,000 00
01006007	PREP ROW (TREE)(GREATER THAN 24" DIA)	EA	3	22 00	$1,185 45	8	85 00	$1,681 57						
01006008	PREPARING ROW (TREE) (0" TO 6" DIA)	EA	3	386 00	$272 60	8	419 00	$386 02						
01006009	PREPARING ROW (TREE) (6" TO 24" DIA)	EA	6	425 00	$609 49	16	527 00	$695 83						
01006010	PREPARING ROW (TREE)(10" TO 48" DIA)	EA				1	4 00	$1,100 00						
01006011	PREPARING ROW(TREE)(24" TO 36" DIA.)	EA	3	7 00	$2,298 57	10	52 00	$1,830 08						
01006012	PREP ROW (TREE) (18"-36" DIA.)	EA				2	13 00	$2,923 08						
01006013	PREP ROW (TREE) (2" TO 12" DIA)	EA	1	32 00	$1,000 00	7	136 00	$400 60						
01006014	PREPARING ROW (TREE)(20" TO 42" DIA)	EA				2	30 00	$1,082 00						
01006015	PREPARING ROW (HAND CLEARING)	AC				1	0 20	$25,000 00						
01006016	PREPARING ROW (TREE) (36" TO 48" DIA)	EA	1	1 00	$4,000 00	4	5 00	$3,987 39						
01006017	PREP ROW (TREE)(GREATER THAN 8 IN DIA)	EA				1	5 00	$2,012 61						
01006028	PREP ROW (TREE PRUNING)	EA				1	10 00	$2,000 00						
01006029	PREP ROW (ROOT PRUNING TO 12" DEPTH)	LF				1	1,285 00	$10 80						
01036001	DISPOSAL OF WATER WELLS	EA				2	6 00	$7,175 00						
01046001	REMOVING CONC (PAV)	SY	11	31,588 40	$10 61	74	2,659,750 40	$4 33				4	4,312 00	$18 39
01046003	REMOVING CONC (FLOORS)	SY				1	1,314 00	$15 75				1	1,314 00	$15 75
01046009	REMOVING CONC (RIPRAP)	SY	31	16,833 30	$12 60	142	222,444 78	$9 73	6	2,578 00	$17 35	19	18,225 00	$10 85
01046010	REMOVING CONC (RIPRAP)	CY	3	321 00	$111 52	14	3,552 20	$45 70				1	10 00	$300 00
01046011	REMOVING CONC (MEDIANS)	SY	6	3,176 00	$17 72	39	19,997 80	$15 69				3	570 00	$49 16
01046013	REMOVING CONC (FOUNDATIONS)	SY	3	948 05	$16 71	3	948 05	$16 71						
01046014	REMOVING CONC (FOUNDATIONS)	CY				1	2 00	$5,000 00						
01046015	REMOVING CONC (SIDEWALKS)	SY	5	289 00	$51 00	57	25,278 10	$16 08	1	25 00	$50 00	5	4,033 00	$14 03
01046017	REMOVING CONC (DRIVEWAYS)	SY	18	14,769 00	$15 66	122	142,537 03	$15 47				9	8,865 00	$17 49
01046019	REMOVING CONC (OTHER APPURTENANCES)	SY				1	20 00	$600 00						
01046021	REMOVING CONC (CURB)	LF	18	10,028 00	$7 85	77	202,428 00	$4 19	1	32 00	$20 00	5	6,068 00	$6 91
01046022	REMOVING CONC (CURB AND GUTTER)	LF	14	15,907 00	$8 61	66	104,393 00	$8 64	2	2,536 00	$7 35	10	27,780 00	$8 94
01046023	REMOVING CONC (CTB)	LF	3	362 00	$62 10	20	62,290 00	$9 31	1	154 00	$60 00	1	154 00	$60 00
01046024	REMOVING CONC (RETAINING WALLS)	SY	1	13 00	$100 00	15	17,508 10	$38 14				2	556 00	$20 73
01046025	REMOVE CONC (WINGWALL)	CY				5	49 90	$473 63				1	5 40	$761 25
01046026	REMOVE CONC (GUTTER)	LF	1	60 00	$10 00	6	4,352 00	$5 63						
01046027	REMOVING CONC (APPR SLAB)	SY	1	120 00	$26 18	11	5,100 00	$41 87						
01046028	REMOVING CONC (MISC)	SY	6	4,842 00	$36 85	35	23,658 90	$20 19				2	320 00	$15 19
01046029	REMOVING CONC (CURB OR CURB & GUTTER)	LF	4	528 00	$12 50	32	50,393 50	$9 80	1	30 00	$50 00	2	688 00	$23 22
01046030	REMOVING CONC (PILE ENCASEMENT)	CY	1	1 00	$1,000 00	1	1 00	$1,000 00	1	1 00	$1,000 00	1	1 00	$1,000 00
01046031	REMOVING CONC (HEADWALL)	CY	1	7 00	$535 00	8	114 40	$575 61	1	7 00	$535 00	2	9 00	$523 60
01046032	REMOVING CONC (WHEELCHAIR RAMP)	SY	1	7 00	$21 00	14	1,632 30	$17 73						
01046034	REMOVING CONC (COPING)	LF				1	465 00	$8 00						
01046036	REMOVING CONC (SIDEWALK OR RAMP)	SY	9	1,157 00	$23 93	47	37,514 90	$10 78				4	2,663 00	$13 48
01046037	REMOVE CONC (RAIL)	LF	2	4,159 00	$21 45	18	17,815 00	$20 75	1	175 00	$100 00	2	497 00	$59 94
01046040	REMOVING CONC (PAVERS)	SY				5	4,568 00	$13 64				1	142 00	$10 80
01046042	REMOVING CONC (MOVABLE BARRIER)	LF				1	66,880 00	$10 00						
01046044	REMOVING CONC (FLUME)	SY	3	692 30	$8 55	15	4,274 30	$14 47				1	150 00	$22 00
01046045	REMOVE CONC (MISC)	EA				5	23 00	$904 35						
01046054	REMOVING CONCRETE(MOW STRIP)	LF	17	40,904 00	$10 58	61	259,190 40	$7 80	1	1,455 00	$9 00	1	1,455 00	$9 00
01046064	REMOVING CONC (MISC)	CY	1	581 00	$30 00	5	598 30	$37 12						
01046067	REMOVING CONC (SAWCUT)	LF				1	66 00	$10 00						
01056002	REMOVING STAB BASE AND ASPH PAV (2")	SY	1	21,209 00	$1 91	10	111,506 00	$2 07						
01056005	REMOVING STAB BASE AND ASPH PAV (3")	SY	2	6,153 00	$3 63	9	138,051 90	$2 17				1	39 00	$20 00
01056008	REMOVING STAB BASE AND ASPH PAV (6")	SY	5	291,488 00	$2 87	22	1,147,728 00	$3 02	1	700 00	$10 00	2	6,768 00	$4 62
01056009	REMOVING STAB BASE AND ASPH PAV (6")	CY				1	46 31	$55 00						
01056011	REMOVING STAB BASE AND ASPH PAV (2"-6")	SY	6	6,391 00	$10 34	23	136,656 00	$4 32				4	22,112 00	$2 79
01056012	REMOVING STAB BASE AND ASPH PAV (2"-6")	CY				1	156 00	$20 00						
01056013	REMOVING STAB BASE & ASPH PAV (9")	SY	2	68,829 00	$6 21	8	461,508 10	$4 35						
01056014	REMOVING STAB BASE & ASPH PAV (7"-12")	SY	1	2,491 00	$10 00	12	238,917 00	$3 57				1	12,846 00	$10 00
01056015	REMOVING STAB BASE & ASPH PAV (8"-10")	SY				8	248,906 00	$6 56				2	6,798 00	$14 82
01056016	REMOVING STAB BASE & ASPH PAV(16")	SY				1	31,662 00	$2 00						
01056018	REMOVING STAB BASE AND ASPH PAV (7")	SY	2	165,445 00	$0 75	12	514,713 00	$2 53						
01056019	REMOVING STAB BASE & ASPH PAV(14")	SY	1	16,903 00	$7 18	4	59,055 00	$6 61				1	17,832 00	$5 50
01056020	REMOVING STAB BASE & ASPH PAV (12")	SY	2	79,164 00	$1 81	10	355,603 00	$4 45						

01056021	REMOVING STAB BASE AND ASPH PAV (0-4")	SY	3	44,018.30	$3.57	13	103,085.80	$3.33							
01056022	REMOVING STAB BASE AND ASPH PAV (13")	SY				5	143,693.30	$3.86							
01056024	REMOVING STAB BASE AND ASPH PAV (21")	SY				2	28,760.00	$7.68				1	23,915.00	$5.59	
01056026	REMOVE STAB BASE & ASPH PAV (13"-18")	SY	1	13,899.00	$9.50	7	154,279.00	$5.51				1	24,395.00	$5.99	
01056029	REMOVE STAB BASE & ASPH PAV (24")	SY				3	161,816.00	$7.84							
01056030	REMOVING STAB BASE & ASPH PAV (8"-14")	SY	2	5,670.00	$2.52	7	187,520.00	$2.51				1	221.00	$20.00	
01056033	REMOVING STB BASE AND ASPH PAV(10-14")	SY				5	24,318.00	$2.27				1	1,593.00	$14.05	
01056034	REMOVING STAB BASE AND ASPH PAV(1"-9")	SY				1	97.00	$13.00							
01056035	REMOVING STAB BASE & ASPH PAV (0-2")	SY	3	10,754.00	$2.60	4	10,844.00	$2.66							
01056036	REMOVING STAB BASE & ASPH PAV(15"-20")	SY	2	13,792.00	$10.47	9	282,932.00	$4.96	2	13,792.00	$10.47	4	83,998.00	$8.56	
01056037	REMOVING STAB BASE AND ASPH PAV(0"-16")	SY	2	84,598.00	$5.40	14	823,128.00	$3.40				1	449.00	$35.00	

PROPOSAL

EliteCurb and Concrete, LLC

P.O. Box 32
855 E. Hwy 79
Rockdale, TX 76567
PHONE# 512-760-6265
FAX# 512-446-7195
enagle@elitecurbandconcrete.com

Proposal Date:	10/2/2020
Proposal Number:	**20-130**
Revision Number:	0
Addenda Received:	0
Project Number:	
Project Name:	Sidewalk and ADA Ramps on CR 110
Project Location:	Travis County, Texas

Submitted to:
James Construction Group
Attention: Alex Krejchi

SCHEDULE OF BID ITEMS AND PRICES

We are pleased to offer this proposal inclusive of all labor, materials, equipment, insurance, and supervision for the following work items:

Quantity	Unit of Measure	Work Item Description	Unit Price	Extended Amount
1	EA	MOBILIZATION	$ 1,610.00	$ 1,610.00
4	EA	CURB RAMP, TYPE 7	$ 1,765.00	$ 7,060.00
44	SY	CONC SIDEWALK	$ 86.00	$ 3,784.00

EliteCurb and Concrete, LLC

855 E. Highway 79, P.O. Box 32
Rockdale, TX 76567
PHONE # 512-760-6265
FAX # 512-446-7195

PROPOSAL CONDITIONS

PROJECT NAME	**Sidewalk and ADA Ramps on CR 110**		**Travis County, Texas**
PROPOSAL NUMBER	**20-130**	Project POC:	
PROPOSAL DATE	10/2/2020	Eric Nagle	
REVISION NUMBER	0	Contact Email:	
ADDENDA RECEIVED	0	enagle@elitecurbandconcrete.com	

GENERAL CONDITIONS

Proposal Validity:		***Mobilizations:***		
Proposal good until	11/1/2020	This Proposal includes the following numbers of mobilizations. Additional mobilizations will be billed according to the proposal price page.	***Crew Type***	***Count***
Prices good until	12/31/2020		☑ Flat Work Concrete	1
Performance Bond:	Add 2% to Total		☐ Curb Machine	
			☐ Slip Form Paver	
			☐ Rail Machine	

PROPOSAL PROVISIONS

1	**Invoices are tendered monthly. Terms are net upon receipt.**
2	The inclusions, exclusions and provisions contained herein ***must*** be included in the contract offered to ECC
3	If costs for concrete or reinforcing steel escalate after the "Prices good until" date, prices in this proposal are subject to renegotiation.
4	All proposal quantities are estimated values only. Actual invoices are rendered based upon mutually-agreed-upon field measurements
5	Minimum of five Control Points surrounding the project, with appropriate benchmarks determined by size of project
6	ECC expects grades to be within 0.03 of sub-grade design and will not be responsible for grades as forms will placed directly on top of grades provided and established by others.
7	ECC is to be provided a one-foot overbuild on all flat work and curb projects and a 4-foot overbuild for concrete paving areas. All overbuilds shall provide a stable and compacted surface for placement of machine tracks.
8	If any field grade changes are made to "issued for construction" plans, ECC requires notification in writing two days prior to its mobilization.
9	ECC is to be provided a two week **WRITTEN NOTICE** prior to mobilization.
10	ECC will need to be provided dumpsters and portable toilers on-site
11	All necessary permits and testing by others
12	Designated concrete washout area by others
13	ECC works a standard 60 hour week. Scheduling of ECC work must be mutually-agreed-upon between ECC and the Owner/GC. Work beyond 60 hour a week will be considered cause for a change order.

PROPOSAL #	**20-130**
DATE	10/2/2020
REVISION #	0
ADDENDA	0

EliteCurb and Concrete, LLC

PROPOSAL PROVISIONS (continued)

14	ECC recognizes the following holidays during which our employees are furloughed: Memorial Day, Independence Day, Labor Day, Thanksgiving Day and the Friday thereafter, and the week of Christmas starting Dec 24th through Jan 1st.
15	If ECC is providing the concrete, yield is estimated at +5%. Yields exceeding +5% are indicative of improper subgrade being provided and will be backcharged to the GC.
16	If any concrete work is located more than 20 feet off the edge of the roadway, suitable passable access for concrete trucks will be furnished by others.
17	Sales tax is excluded from material costs in this Proposal. A sales tax exemption certificate must be made available. If sales tax is required, it will be added to the project billing.
18	This proposal is considered an "all or nothing" package. Variations of this package MAY be allowed at our discretion.

EXCLUSIONS

1	ECC excludes inlet protection and/or inlet block outs.
2	No control of traffic, temporary markings or their removal, traffic control devices, uniformed officers or flagging is included.
3	No demolition or removal of existing objects, excavation, backfill, subgrade preparation, granular bedding or asphalt pavement repairs.
4	No dumpsters or portable toilets to be provided by ECC
5	No permits are included
6	No QC/QA testing included.
7	No Concrete washout area is included for cleanup or preparation
8	No pumping of excess water from any area on the project
9	No concrete pumping or other mechanical means of concrete transport has been included. If concrete pumping, buggies, skid steer loaders or other mechanical type equipment is required it will be provided at cost plus 10%
10	No night work included unless otherwise agreed upon.

PROPOSAL #	**20-130**
DATE	10/2/2020
REVISION #	0
ADDENDA	0

EliteCurb and Concrete, LLC

PROPOSAL-SPECIFIC CONDITIONS	
1	No specific conditions for this work.

Item 341-WC03

Change Order Proposal

Date: 9/15/2020

Change Order #4 Proposal, Rev 1

Primoris Services Corporation
James Construction Group

Bill To:
Clayton Weber
HNTB Corporation
101 E. Old Settlers Blvd, Suite 100
Round Rock, TX 78664

RE:
Williamson
CR 110
Project No.: 1809-261
Control No.: 1809-261

Qty	UM	Description	Unit Price	Total
425.46	Ton	Driveway Level Up Correction	$117.51	**$49,995.36**
			Total	**$49,995.36**

James Construction Group, LLC

Contractor's Basis of Estimate

Date:	10/7/2020	**Project:**	CR110 (MIDDLE SECTION)	**County:**	Williamson
CO Pricing Good For:	**45 Days (unless noted otherwise elsewhere)**	**Control:**	1809-261	**Highway:**	CR110
Description:	Level Up correction at Desoto Driveway	**Original Contract:**	**Net CO:** $ -	**Revised Contract:**	
Estimated Qty:	425.46 LS	**Narrative:**	Texas Materials Leveled up CR110 in front of Desoto Loop North. This work included the milling of butt joints and the placement of additional HMA to reduce the grade difference between Desoto Driveway and the new CR110. Original plans estimated 593 tons of HMA but only 425.46 tons would be installed.		
Estimated Change in Contract Sum:	$ 49,995.36				
Estimated Change In Contract Time:					

JCG reserves the right to request equitable time and monetary adjustments for additional or unforeseen work resulting from this change order.

Labor	**Reg Hrs**	**OT Hrs**	**UM**	**Reg Rate**	**OT Rate (x1.5)**		**Extended**
						$	-
						$	-
					Subtotal	$	-
					25% Profit	$	-
					55% Burdens	$	-
					Total Labor	**$**	**-**

Equipment	**QTY**	**UM**	**Rate**		**Extended**
				$	-
				$	-
				$	-
			Subtotal	$	-
			15% Profit	$	-
			Total Equipment	**$**	**-**

Subcontractors	**QTY**	**UM**	**Price**		**Extended**
Texas Materials	425.46	Ton	$ 101.17	$	43,043.79
				$	-
				$	-
			Subtotal	$	43,043.79
			15% Profit	$	6,456.57
			Total Subcontract	**$**	**49,500.36**

Material	**QTY**	**UM**	**Price**		**Extended**
		CY		$	-
			Subtotal	$	-
			15% Markup	$	-
			Total Material	**$**	**-**

Additional Work Items	**QTY**	**Units**	**Price**		**Extended**
		DOL	$ -	$	-
			Total	**$**	**-**

TOTAL OF WORK PERFORMED	**$**	**49,500.36**
BOND FEE (ADD 1%)	**$**	**495.00**
TOTAL COST	**$**	**49,995.36**
UNIT PRICE (TOTAL COST/EST. QTY)	**$**	**117.51**

REVIEWED

By Eddie Church, P.E. at 5:06 pm, Oct 08, 2020

MODIFIED FOR ACTUAL QTY

Oldcastle Materials Texas, Inc.

1320 Arrow Point Drive, Suite 600

Cedar Park, TX 78613

Contact **Orion Fox**

E-Mail: **Orion.Fox@texasmaterials.com**

Telephone No: **512-948-6924**

Project:	CR 110 Middle Section Change Order 2	Location:	CR 110 Hutto, TX
Project #:	OF1812001CO3	Plant:	Liberty Hill
County:	Williamson		
Bid Date:	September 15, 2020		

HMAC per WILLIAMSON Specs.
1 Mobe included. Tax on Materials Excluded.

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
9003	DRIVEWAY LEVEL UP CORRECTION	425.46	TON	101.17	43,043.79
GRAND TOTAL					**$43,043.79**

NOTES:

***MOBILIZATION- 1 Mobilization included- Additional mobilizations to be charged at $4,000/EA
***TAXES-Work Quoted as Non-Taxable.
***Milling of butt joints for tie ins included.
***Prices on accepted quote are firm until 12/31/2020.

1.Testing for HMAC QCQA items only.
2.Unless the words "Lump Sum" appear next to a price for an item, all prices are per unit, and payments will be based upon the actual number of units performed.
3.If a payment and performance bond is required then add 1.5% to the overall bid price.
4.Wheeler to retain all production, ride and placement bonus/penalty on HMAC item(s) according to specification where applicable. The bonus/penalty calculations shall be based on Wheeler's unit prices or the unit bid prices whichever is greater .
5.General contractor to provide onsite staging area convenient to Wheeler's work for equipment, material storage, and equipment cleaning within the project limits.
6.Additional terms of this quote are based upon: acceptable contract/subcontract language, and credit approval.
7.Terms are net 10th of the month. This quote is limited to acceptance within 30 days from the date of this quotation after which time quotation is subject to review and or revision. All courses preceding those to be paved by Wheeler shall meet or exceed the governing specifications and also meet or exceed the ride specifications. If longitudinal joint location is critical or desired, they shall be laid out by the general contractor prior to the placement of any courses. No retainage shall be withheld from any payments due Wheeler. This quote will become part of the subcontract agreement and shall supersede any other conflicting language in the subcontract agreement.

Orion Fox
1320 Arrow Point Drive, Suite 600
Cedar Park, TX 78613
512-948-6924

QUOTE ACCEPTED BY-
NAME:_____DATE:_____

SIGNATURE:_____COMPANY:_____

Email: accountspayable@prim.com
BATON ROUGE, 70879-9022
Job Phone:
Job Fax:

Item 110-WC03

EDDIE CHURCH
HNTB CORPORATION
101 E. Old Settlers Blvd, Suite 100
Round Rock, TX 78664

WILLIAMSON Co. - CR 110 MIDDLE SECTION
Job #: 1809-261
Control#: 1809-261
RE: Force Account for the Added Channel Excavation Culvert C

Dear Mr. CHURCH:

Please see attached documentation for the work performed in regards to the channel excavation added to the downstream channel at culvert C. As discussed in the field with the designated observer this work will be paid for under force account Item no: 999-WC01 Force Account. Payment of this item should be $741.43.

Summary of Work:
4/9/20 - Received grading plan for Culvert C downstream channel that morning. One operator used EB306 to do the initial excavation and then used T609 to grade and track in the slopes. A total of 3 hours was spent completing the work.

Respectfully yours,
James Construction Group

Alexander Krejchi
Project Engineer

CC: File

James Construction Group, LLC

Contractor's Basis of Estimate

Date:	4/9/2020	**Project:**	CR110 (MIDDLE SECTION)	**County:**	Williamson Co
Description:	Added Channel Exc Culvert C	**Control:**		**Highway:**	CR110
Estimated Qty:	1.00				
UOM:	**EA**	NOTE:			

Labor	**ST Hours**	**OT Hours**	**ST Rate**	**OT Rate**	**Extended**
Mike Willes		3	$26.00		$ 78.00
				15% Profit	$ 11.70
				55% Burdens	$ 42.90
				Subtotal	$132.60

Equipment	**U/M**	**Units**	**Rate**	**Extended**
T609 D6 Dozer	hr	1	$72.31	$ 72.31
EB306 Cat 349 Excavator	hr	2	$225.36	$ 450.72
			15% Profit	$ 78.45
			Subtotal	$ 601.48

Subcontractors	**QTY**	**Units**	**Price**	**Extended**
			5% Profit	
			Subtotal	$ -

Material	**QTY**	**Units**	**Price**	**Extended**
			25% Markup	$ -
			Subtotal	$ -

TOTAL OF WORK PERFORMED	**$ 734.08**
BOND FEE (ADD 1%)	**$ 7.34**
TOTAL COST	**$ 741.43**
UNIT PRICE (TOTAL COST/EST. QTY)	**$ 741.43**

4/9/20 - Received grading plan for Culvert C downstream channel that morning. One operator used EB306 to do the initial excavation and then used T609 to grade and track in the slopes. After Discussion with HNTB, a force account was requested for this added work.

REVIEWED

By Eddie Church, P.E. at 11:29 am, Oct 08, 2020

PSC Primoris

Foreman's Daily Time Report

Job No	Day of Week	Date	Week Ending
10743	Thursday	4/9/2020	4/12/2020

Job Name: CR 110 Williamson County

Weather:

Allocation			A	B	C	D	E
Phase			0502.3000	0501.4000	0596-4001-000	0507.7000	
Description			Finish base	Slopes	Force Account	Traffic Control	
Per Diem							
AWA							

Employee No.	Name	Craft/Class	Equip. #	Equipment Meters/Mileage	Abs Code	No Injury	Total Hrs Worked	A Hrs	B Hrs	C Hrs	D Hrs	E Hrs
200110	Brown, Nicolas	8/T1405			C/N		8.5	8.5				
204019	Minton, Stevie	16/T1606	3-1988	10214 hrs	C/N		8.5	8.5				
226645	Cummins, Richard C	8/T1306	G0487	9057 hrs	C/N		8.5	8.5				
227961	Willess, Mike	8/T1306	T0609	7996 hrs	C/N		8.5		5.5	3		
243082	Copeland, Willie	8/T1369	LW-479	9136 hrs	C/N		8.5	8.5				
243736	Williams, Jase		Broom		C/N		8.5				8.5	
#REF!	336FL Excavator		EB0308		C/N							
	Roller (A1300352)		R9352R	245 hrs	C/N							
	Roller		RA0301		C/N							
	938M Loader		LW0505		C/N							
	Cody's Truck		1-599	54487	C/N							
	349 Excavator		EB0306	8298 hrs	C/N							
Totals							51	34	5.5	3	8.5	

	Quantity		Description / Location, Station, Etc.
A	1261.013	sy	Finish base - CR110 - Sta 243+15 to 244 (85x45.5÷9÷2) 214.8sy, CR110 transitions sta 319+50 to 324+50 (500x18.83÷1044.15
B	316.66	cy	Slopes - Shoulder up to base Lt front slope sta 243+25 to 246, Lt front slope sta 242 to 242+50
C			Channel Excavation - Culvert C downstream, open up Channel for drainage sta 236+21
D			Traffic Control sweep through out job.
E			

Production Report: List Load Counts, Deliveries, Accidents, Owner Verbal Directives, Problems Encountered, Explanation of Down Time, Etc.

(#) Reblading Finish base CR110 over Culvert C, the temporary shoring collapsed. sta 236+39
Had meeting with HNTB, Clayton Weber and Dave Thomas - PSC Project Manager Heath Taylor to discuss options for repair.

Foreman: ANDREW GUTIERREZ Date: 4.9.2020
Crew - 8002

Project Manager: Date: 4.13.20
ALEXANDER KREJCHI
PROJECT ENGINEER
TEXAS DIVISION

Office Manager: Date:

ALEXANDER KREJCHI
PROJECT ENGINEER
TEXAS DIVISION

EquipmentWatch

www.equipmentwatch.com

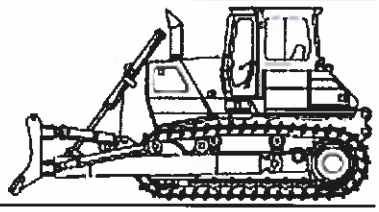
All prices shown in US dollars ($)

Rental Rate Blue Book®

April 13, 2020

Caterpillar D5K2 XL
Standard Crawler Dozers

Size Class:
85 - 104 HP
Weight:
20534 lbs



Configuration for D5K2 XL

Dozer Type	**VPAT**	Net Horsepower	**104.0 hp**
Operator Protection	**ROPS/FOPS**	Power Mode	**Diesel**

Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

	Ownership Costs				Estimated Operating Costs	FHWA Rate**
	Monthly	Weekly	Daily	Hourly	Hourly	Hourly
Published Rates	USD $7,090.00	USD $1,985.00	USD $495.00	USD $74.00	USD $36.50	USD $76.78
Adjustments						
Region (Texas: 88.9%)	(USD $786.99)	(USD $220.34)	(USD $54.94)	(USD $8.21)		
Model Year (2020: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	**USD $6,303.01**	**USD $1,764.67**	**USD $440.05**	**USD $65.79**	**USD $36.50**	**USD $72.31**

Non-Active Use Rates

	Hourly
Standby Rate	USD $16.83
Idling Rate	USD $49.18

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	30%	USD $2,127.00/mo
Overhaul (ownership)	52%	USD $3,686.80/mo
CFC (ownership)	9%	USD $638.10/mo
Indirect (ownership)	8%	USD $567.20/mo
Fuel (operating) @ USD 3.07	37%	USD $13.37/hr

Revised Date: 1st half 2020

These are the most accurate rates for the selected Revision Date(s). However, due to more frequent online updates, these rates may not match Rental Rate Blue Book Print. Visit the Cost Recovery Product Guide on our Help page for more information.

The equipment represented in this report has been exclusively prepared for ALLISON CANGELOSI (acangelosi@jcgllc.com)

EquipmentWatch.

www.equipmentwatch.com

All prices shown in US dollars ($)

Rental Rate Blue Book®

April 14, 2020

Caterpillar 349F
Crawler Mounted Hydraulic Excavators



Size Class:
50.1 - 66.0 MTons
Weight:
N/A

Configuration for 349F

Bucket Capacity - Heaped	**4.2 cu yd**	Net Horsepower	**417.0 hp**
Operating Weight	**117500.0 lbs**	Power Mode	**Diesel**

Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

	Ownership Costs				Estimated Operating Costs	FHWA Rate**
	Monthly	Weekly	Daily	Hourly	Hourly	Hourly
Published Rates	USD $20,295.00	USD $5,685.00	USD $1,420.00	USD $215.00	USD $120.89	USD $236.20
Adjustments						
Region (Texas: 90.6%)	(USD $1,907.73)	(USD $534.39)	(USD $133.48)	(USD $20.21)		
Model Year (2020: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	**USD $18,387.27**	**USD $5,150.61**	**USD $1,286.52**	**USD $194.79**	**USD $120.89**	**USD $225.36**

Non-Active Use Rates

	Hourly
Standby Rate	USD $55.37
Idling Rate	USD $160.61

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	37%	USD $7,509.15/mo
Overhaul (ownership)	46%	USD $9,335.70/mo
CFC (ownership)	10%	USD $2,029.50/mo
Indirect (ownership)	6%	USD $1,217.70/mo
Fuel (operating) @ USD 3.07	46%	USD $56.14/hr

Revised Date: 1st half 2020

These are the most accurate rates for the selected Revision Date(s). However, due to more frequent online updates, these rates may not match Rental Rate Blue Book Print. Visit the Cost Recovery Product Guide on our Help page for more information.

The equipment represented in this report has been exclusively prepared for ALLISON CANGELOSI (acangelosi@jcgllc.com)

Item 462-WC02

Pipe Runners Plus LLC

1131 Sheppard Access Road
Wichita Falls, TX 76306

Quote

Date 11/12/2019

Steve Peretto - Sales Office
Cell: 580-334-2986
Email: piperunnersplus@gmail.com
office@piperunnersplus.com

Office Phone # (940)761-5208
Fax # (800)883-1850

COUNTY:	WILLIAMSON CO CR 110
CCSJ #:	
PRJ #:	
BID LETTING:	

SBE VENDOR NUMBER 25124

SUPPLY GROUP
HIGHWAY CONSTRUCTION PRODUCTS

Item	Description	Unit	Qty	Rate	Total Item Price
467-6247	SET (TY I) (S = 7 FT) (HW = 4 FT) (6:1) (P) Quoted without bolts or sleeve pipe		6	1,717.00	10,302.00

$10,302.00 = Material Costs
$1,545.30 = 15% Mark-up per County
$11,847.30

Total ~~$10,302.00~~

Price quoted FOB one job site.
Terms Net 30 days from invoice date.
Quote includes all attachments for proper installation.
Change Orders and Add On items subject to current material prices.
Quote is firm for 30 days. Current material adjustments apply thereafter.
Please acknowledge your intent to tender a contract with Pipe Runners Plus, LLC at the quoted price and general terms offered.
CONTINGENT UPON YOUR AWARD

Company: _____

Signature: _____

Date: _____

THANK YOU FOR YOUR CONSIDERATION!

Email: accountspayable@prim.com
BATON ROUGE, 70879-9022
Job Phone:
Job Fax:

Primoris Services Corporation
James Construction Group

JCG Force Account

Item 110-WC04

EDDIE CHURCH
HNTB CORPORATION
101 E. Old Settlers Blvd, Suite 100
Round Rock, TX 78664

WILLIAMSON Co. - CR 110 MIDDLE SECTION
Job #: 1809-261
Control#: 1809-261
RE: Force Account Cutting Temporary Drainage Ditch 209+75 – 221+00

Dear Mr. CHURCH:

Attached is a copy of the force account requested by HNTB to pay for the excavation of a temporary drainage ditch running from 209+75 – 221+00. This ditch redirects water from the existing cross culvert at 211+00 to Culvert B, allowing PSC to plug/remove the cross culvert and complete the remaining phase 2 subgrade.

Respectfully yours,
James Construction Group

Alexander Krejchi
Project Engineer

CC:

Item 110-WC04

James Construction Group, LLC

Contractor's Basis of Estimate

Date:	5/31/2020	**Project:**	CR110 (MIDDLE SECTION)	**County:**	Williamson Co
Description:	Cut Temp Ditch 209-221 Right of Center	**Control:**		**Highway:**	CR110
Estimated Qty:	1.00				
UOM:	LS	NOTE:			

Labor	**ST Hours**	**OT Hours**	**ST Rate**	**OT Rate**	**Extended**
Mike Willess	13		$26.00		$ 338.00
				25% Profit	$ 84.50
				55% Burdens	$ 185.90
				Subtotal	$608.40

Equipment	**U/M**	**Units**	**Rate**	**Extended**
T609 D6 Dozer	hr	13	$72.31	$ 940.03
			15% Profit	$ 141.00
			Subtotal	$ 1,081.03

Subcontractors	**QTY**	**Units**	**Price**	**Extended**
			5% Profit	
			Subtotal	$ -

Material	**QTY**	**Units**	**Price**	**Extended**
			25% Markup	$ -
			Subtotal	$ -

TOTAL OF WORK PERFORMED	**$ 1,689.43**
BOND FEE (ADD 1%)	**$ 16.89**
TOTAL COST	**$ 1,706.33**
UNIT PRICE (TOTAL COST/EST. QTY)	**$ 1,706.33**

PSC cut and shaped a temporary drainage ditch running from sta 209+75 - 221+00 (Rt) to facilitate drainage through culvert B.
This allowed PSC to plug/remove the existing cross culvert at station 211+00 and complete the remaining phase 2 subgrade around the existing culvert.

FA

Primoris

Foreman's Daily Time Report

Job No	Day of Week	Date	Week Ending
10743	Saturday	5-30-2020	5-31-2020

Job Name: CR 110 Williamson County

Weather:

Allocation				A	B	C	D	E
Phase				0501-4000	0501-3000			
Description				Subgrade	Excavation			
Per Diem								
AWA								

Employee No.	Name	Craft/Class	Equip. #	Equipment Meters/Mileage	Abs Code	No Injury	Total Hrs Worked	A Hrs	B Hrs	C Hrs	D Hrs	E Hrs
200110	Brown, Nicolas	8/T1405	Rt 301		C/N	B	4	4				
204019	Minton, Stevie	16/T1606	3-1988	10264 hrs	C/N		4	4				
226645	Cummins, Richard C	8/T1306	G8487	9229 hrs	C/N		4	4				
227961	Willess, Mike	8/T1306	T0609	8223 hrs	C/N		5		5			
243082	Copeland, Willie	8/T1369	LW-479		C/N	0						
243736	Williams, Jace C	19/T1175			C/N	0						
282417	Dowley, Trey	19/T1150			C/N	0						
	Walawski, Chris	19/T1179			C/N	0						
					C/N							
	938M Loader	LW0505			C/N							
	Cody's Truck	1-599		59700	C/N							
					C/N							
Totals												

	Quantity	Description / Location, Station, Etc.
A		Subgrade CR110 Sta 232 to 234+50 process & rolled - subgrade too wet.
B		Cut to fill - Cut temporary ditch Lt side Sta 209+75 to 211+50 and stockpiled
C		
D		
E		

Production Report: List Load Counts, Deliveries, Accidents, Owner Verbal Directives, Problems Encountered, Explanation of Down Time, Etc.

(B) Can't cut ditch per plan, still has power poles and water meter in ditch

Foreman: ANDREW GUTIERREZ Date:
Crew - B001

Project Manager: Date: 6.1.20
ALEXANDER KREJCHI
PROJECT ENGINEER
TEXAS DIVISION

Office Manager: Date:

(FA) (FA)

Primoris

Foreman's Daily Time Report

Job No.	Day of Week	Date	Week Ending
10743	Monday	6/1/2020	6/7/2020

Job Name: CR 110 Williamson County

Weather:

Allocation

	A	B	C	D	E
Phase	0501-4000	0501-4000	0501-2000	0501-2000	0501-2000
Description	Subgrade	Slopes	Rind Repairs	Clean up	topsoil
Per Diem					
AWA					

Employee No.	Name	Craft/Class	Equip. #	Equipment Meters/Mileage	Abs Code	No Injury	Total Hrs Worked	A Hrs	B Hrs	C Hrs	D Hrs	E Hrs
204019	Minton, Stevie	16/T1606	3-1488	10273 hrs	C/N	BM	10	8		2		
227961	Willess, Mike	8/T1306	T0609	5243 hrs	C/N	MW	10		8			2
243082	Copeland, Willie	8/T1369	LW-479	9284 hrs	C/N	WC	8			2	6	
243736	Williams, Jace C	19/T1175			C/N	JW	8			2	6	
282417	Dowley, Trey	19/T1150			C/N	TD	8			2	6	
282420	Walding, Christopher	19/T1175				CW	8			2	6	
200116	Brown, Nicolas	8/T1405	RA301	1232 hrs		NB	10	8		2		
226645	Cummins, Richard	8/T1306	60487	9238 hrs		RC	10	10				
	John Deere 250D offroad		TED9446R3	4678 hrs								
	Cody Trucks	1-599		55822 mi/hr								
Totals							72	26	8	12	24	2

	Quantity	Description / Location, Station, Etc.
A		Subgrade - Process CR110 Sta 232 to 234+50 Finish subgrade CR110 Sta 217 to 231
B		Slopes - temporary ditch, Rt side Sta 218+50 to 221+00
C		Repairs - fill in potholes with cold mix
D		Clean up throughout job.
E	148.88 cy	Place topsoil w/ dozer Lt Sta 205+98 to 210+00 (4:2 X 30 X 4")

Production Report: List Load Counts, Deliveries, Accidents, Owner Verbal Directives, Problems Encountered, Explanation of Down Time, Etc.

(A) Surveyors started grade check @ 2PM for Subgrade sta 217 to 231

(B) Could not excavate ditch per plan - water line & power poles in the way - diverted ditch to Culvert B and plugged pipes at sta 211 & 213 CR110

Foreman: ANDREW GUTIERREZ Date: 6-1-2020
Crew - B001
Andrew Gutierrez

Project Manager: Date: 6/1/20
ALEXANDER KREJCHI
PROJECT ENGINEER
TEXAS DIVISION

Office Manager Date

EquipmentWatch.

www.equipmentwatch.com

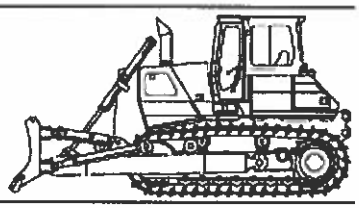
All prices shown in US dollars ($)

Rental Rate Blue Book®

April 13, 2020

Caterpillar D5K2 XL
Standard Crawler Dozers

Size Class:
85 - 104 HP
Weight:
20534 lbs



Configuration for D5K2 XL

Dozer Type	**VPAT**	Net Horsepower	**104.0 hp**
Operator Protection	**ROPS/FOPS**	Power Mode	**Diesel**

Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

	Ownership Costs				Estimated Operating Costs	FHWA Rate**
	Monthly	Weekly	Daily	Hourly	Hourly	Hourly
Published Rates	USD $7,090.00	USD $1,985.00	USD $495.00	USD $74.00	USD $36.50	USD $76.78
Adjustments						
Region (Texas: 88.9%)	(USD $786.99)	(USD $220.34)	(USD $54.94)	(USD $8.21)		
Model Year (2020: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	**USD $6,303.01**	**USD $1,764.67**	**USD $440.05**	**USD $65.79**	**USD $36.50**	**USD $72.31**

Non-Active Use Rates

	Hourly
Standby Rate	USD $16.83
Idling Rate	USD $49.18

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	30%	USD $2,127.00/mo
Overhaul (ownership)	52%	USD $3,686.80/mo
CFC (ownership)	9%	USD $638.10/mo
Indirect (ownership)	8%	USD $567.20/mo
Fuel (operating) @ USD 3.07	37%	USD $13.37/hr

Revised Date: 1st half 2020

These are the most accurate rates for the selected Revision Date(s). However, due to more frequent online updates, these rates may not match Rental Rate Blue Book Print. Visit the Cost Recovery Product Guide on our Help page for more information.

The equipment represented in this report has been exclusively prepared for ALLISON CANGELOSI (acangelosi@jcgllc.com)

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Email: accountspayable@prim.com
BATON ROUGE, 70879-9022
Job Phone:
Job Fax:

Primoris Services Corporation
James Construction Group

JCG Request for Compensation

EDDIE CHURCH
HNTB CORPORATION
101 E. Old Settlers Blvd, Suite 100
Round Rock, TX 78664

Item J102-033

WILLIAMSON Co. - CR 110 MIDDLE SECTION
Job #: 1809-261
Control#: 1809-261
RE 24IN Gate Valve Material

Dear Mr. CHURCH:

James construction requests compensation for a change to the 24" Gate Valve installed at station A-0+00.00 for Jonah Water. The plans show the 24" line approixmately 7ft below grade allowing for the 24" gate valve to have a vertical operating nut. When uncovered, it was determined that the line was only 4ft below grade which would cause the vertical nut to project above finish grade. After consulting with Jonah Water, A gate valve with horizontal operating nut was installed in its place. This gate valve required additional components making it more expensive than originally planned. Please see below for a breakdown of the costs.

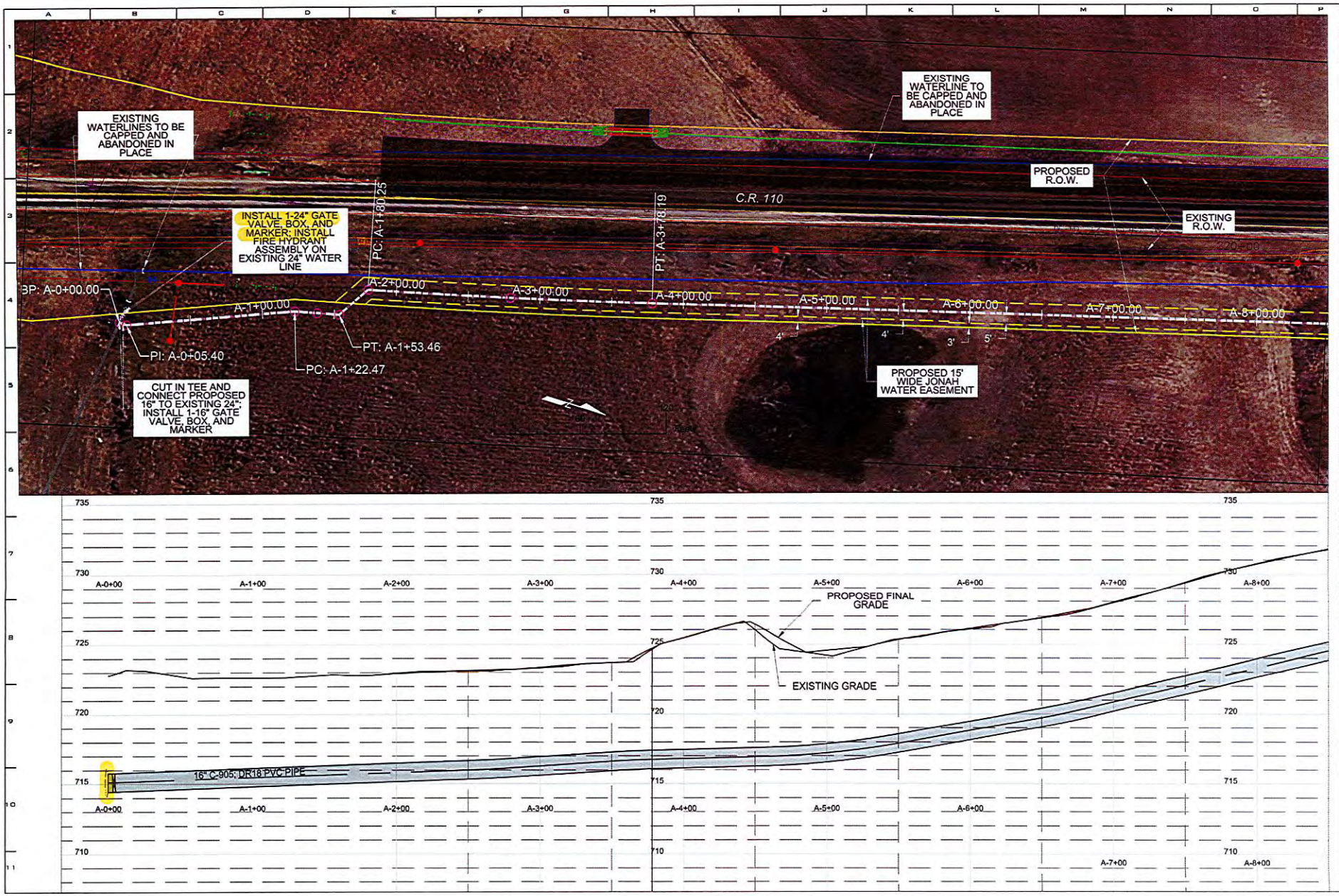
Ferguson Item Name	Discription	Price
24 DI MJ RW OL GATE VLV L/A GEARED	24" Valve Operating Nut Vertical	$ 16,006.44
24 DI MJ RW OL GATE VLV L/A W/ BG	24" Valve Operating Nut Horizontal	$ 18,765.45
	Difference	$ 2,759.01
	15% Mark Up	$ 413.85
	Total	$ 3,172.86

James Construction requests $3,172.86 for the material changes to the gate valve due to differing site conditions.

Respectfully yours,
James Construction Group

Heath Taylor
Project Manager

CC: Alex Krejchi, Clayton Weber, Dave Thomas, Project File



REVISION DESCRIPTION	DATE	BY CKD
EASEMENT ADJUSTMENT	5.5.17	MWW MWW
NOTE CORRECTION	1/17/18	MWW MWW

JONAH WATER S.U.D.

WILLIAMSON COUNTY, TEXAS

2016 - C.R. 110 MIDDLE: UTILITY RELOCATION

STA. A-0+00 TO A-8+50

DESIGN: MWW
DRAWN: MWW
CKD: MWW
SEAL:

APPROVED:

DATE: 1/17/18

AYOTE CONSULTING, LLC
T.B.P.E. F-16387
P.O. Box 4248
Waco, TX 76708
PH. 254-744-3439

SHEET 3 OF 20

FERGUSON WATERWORKS

FERGUSON WATERWORKS #1106
Price Quotation

Fax: 512-930-2388

08:07:37 DEC 13 2018
Reference No: B418017

Item	Description	Quantity	Net Price	UM	Total
B13202000ESW	13.20X20.00 END SEAL WRAP	4	50.670	EA	202.68
SP-DR18BPDL12	12" DR18 C900 DIAMOND LOK RJ PIPE	325	24.821	LF	8066.83
TW16SLDTFNBL500	16GA SLD COP TFN WIRE BLUE 500/RL	1	46.750	RL	46.75
	SUBTOTAL				24667.41

	#163 16" DR18 SLICK BORE				

DR18LOK21P16	16 C905 DR18 LOK21 GJ PIPE	125	50.095	FT	6261.88
	SUBTOTAL				6261.88

	#164 24" GATE VLV				

AFC2524MMLAOL	24 DI MJ RW OL GATE VLV L/A GEARED	1	16006.440	EA	16006.44
SSLCE24	24 PVC WDG REST GLND *ONELOK	2	310.570	EA	621.14
IMJBGP24	24 MJ C153 BLT GSKT PK L/ GLAND	2	55.030	EA	110.06
PSVB562SW	2PC SCRW 16T/24B COMP CI VLV BX WTR	1	52.000	EA	52.00
E17815	2 VLV STEM EXT AUSTIN STYLE	1	47.070	EA	47.07
E06800093	5-1/4 DROP VLV BX LID JONAH WTR	1	21.590	EA	21.59
B164SP	48 GALV SIGN POST	1	6.740	EA	6.74
B130V	POST MTG VLV MRKR	1	5.900	EA	5.90
	SUBTOTAL				16870.94

	#165 16" GATE VLV				

C2516MMLAOL	16 DI MJ RW OL GATE		719.110	EA	47191.10
SSLCE16	16 PVC WDG REST GL		174.850	EA	3497.00
IMJBGP16	16 MJ C153 BLT GSKT		39.310	EA	786.20
E17815	2 VLV STEM EXT AUST	10	47.070	EA	470.70
PSVB562SW	2PC SCRW 16T/24B COMP CI VLV BX WTR	10	52.000	EA	520.00
B130V	POST MTG VLV MRKR	10	5.900	EA	59.00
B164SP	48 GALV SIGN POST	10	6.740	EA	67.40
E06800093	5-1/4 DROP VLV BX LID JONAH WTR	10	21.590	EA	215.90
	SUBTOTAL				52807.30

	#166 12" GATE VLV				

AFC2512MMLAOL	12 DI MJ RW OL GATE VLV L/A	13	1426.960	EA	18550.48
SSLCE12	12 PVC WDG REST GLND *ONELOK	26	78.840	EA	2049.84
IMJBGP12	12 MJ C153 BLT GSKT PK L/ GLAND	26	24.890	EA	647.14
PSVB562SW	2PC SCRW 16T/24B COMP CI VLV BX WTR	13	52.000	EA	676.00
E06800093	5-1/4 DROP VLV BX LID JONAH WTR	13	21.590	EA	280.67
B130V	POST MTG VLV MRKR	13	5.900	EA	76.70
B164SP	48 GALV SIGN POST	13	6.740	EA	87.62
E17815	2 VLV STEM EXT AUSTIN STYLE	13	47.070	EA	611.91
	SUBTOTAL				22980.36

	#167 8" GATE VLV				

AFC2508MMLAOL	8 DI MJ RW OL GATE VLV L/A	1	715.960	EA	715.96
SSLCE8	8 PVC WDG REST GLND *ONELOK	2	39.610	EA	79.22
IMJBGPX	8 MJ C153 BLT GSKT PK L/ GLAND	2	17.560	EA	35.12
PSVB562SW	2PC SCRW 16T/24B COMP CI VLV BX WTR	1	52.000	EA	52.00
E06800093	5-1/4 DROP VLV BX LID JONAH WTR	1	21.590	EA	21.59
E17815	2 VLV STEM EXT AUSTIN STYLE	1	47.070	EA	47.07
B130V	POST MTG VLV MRKR	1	5.900	EA	5.90
B164SP	48 GALV SIGN POST	1	6.740	EA	6.74
	SUBTOTAL				963.60

	#168 AIR/VAC VLV NOTE: QUOTING 2" FOR 16" LINE.				

Vertical Operating Nut, Original information to create bid price

FERGUSON®
WATERWORKS

FERGUSON WATERWORKS #1106
4427 FACTORY HILL DRIVE
SAN ANTONIO, TX 78219-2704

Please contact with Questions: 832-742-2930

INVOICE NUMBER	TOTAL DUE	CUSTOMER	PAGE
1073845-1	$18,765.45	46235	1 of 1

PLEASE REFER TO INVOICE NUMBER WHEN MAKING PAYMENT AND REMIT TO:

FERGUSON WATERWORKS #1106
P O BOX 847411
DALLAS, TX 75284-7411

5548 1 MB 0.439 E0188X I0301 D6463579683 S2 P7592783 0001:0001

JAMES CONSTRUCTION GROUP LLC
CR110 PROJECT
18484 E PETROLEUM DR
BATON ROUGE LA 70809-6130

SHIP TO:

JAMES CONSTRUCTION GROUP LLC
INTERSECTION OF CR110 & CR107
ROUND ROCK, TX 78665

SHIP WHSE.	SELL WHSE.	TAX CODE	CUSTOMER ORDER NUMBER	SALESMAN	JOB NAME	INVOICE DATE	BATCH
1254	1254	TXE	DR110	BDE	CR110 PROJECT	08/06/20	IO 69415

ORDERED	SHIPPED	ITEM NUMBER	DESCRIPTION	UNIT PRICE	UM	AMOUNT
			THANK YOU FOR YOUR BUSINESS!			
			PLEASE VISIT US AT FERGUSON.COM			
			RANDALL 254-541-0800			
1	1	AFC2524MMLAOLBG	24 DI MJ RW OL GATE VLV L/A W/ BG	18765.450	EA	18765.45
2	0	IMJBGP24	24 MJ C153 BLT GSKT PK L/ GLAND		EA	0.00
2	0	SSLDE24	24 DI MJ WDG REST GLND *ONELOK		EA	0.00
			INVOICE SUB-TOTAL			18765.45

LEAD LAW WARNING: IT IS ILLEGAL TO INSTALL PRODUCTS THAT ARE NOT "LEAD FREE" IN ACCORDANCE WITH US FEDERAL OR OTHER APPLICABLE LAW IN POTABLE WATER SYSTEMS ANTICIPATED FOR HUMAN CONSUMPTION. PRODUCTS WITH "NP IN THE DESCRIPTION ARE NOT LEAD FREE AND CAN ONLY BE INSTALLED IN NON-POTABLE APPLICATIONS. BUYER IS SOLELY RESPONSIBLE FOR PRODUCT SELECTION.

Horizontal Operating Nut, Purchased and Installed

RECEIVED
AUG 10 2020
BY:

Looking for a more convenient way to pay your bill?

Log in to **Ferguson.com** and request access to Online Bill Pay.

TERMS: NET 10TH PROX **ORIGINAL INVOICE** **TOTAL DUE** $18,765.45

All past due amounts are subject to a service charge of 1.5% per month, or the maximum allowed by law, if lower. If Buyer fails to pay within terms, then in addition to other remedies, Buyer agrees to pay Seller all costs of collection, including reasonable attorney fees. Complete terms and conditions are available upon request or at https://www.ferguson.com/content/website-info/terms-of-sale, incorporated by reference. Seller may convert checks to ACH.

0001:0001

5880 WEST HWY 190, SUITE 100
BELTON, TX 76513
PHONE (254) 939-8610
FAX (254) 939-8611

Primoris Services Corporation
James Construction Group

September 18, 2020

CLAYTON WEBER
HNTB CORPORATION
101 E. Old Settlers Blvd, Suite 100
Round Rock, TX 78664

Item J102-032

WILLIAMSON Co. - CR 110 MIDDLE SECTION
Job #: 1809-261
Control#: 1809-261
RE: CR 110 – 12 IN Reconnect to existing 12 IN PVC

Dear Mr. Weber

James Construction Group, L.L.C. (JCG) was directed to reconnect to the existing 12-inch water line due to water restrictions in the area for Jonah Water. This was done to maintain to residences even though this was not called out in the plans, per the direction of Jonah Water.

.

This work was documented as force account and the attached documentation should support the work performed. Please review the documented costs and let me know if you have any questions.

Regards,
James Construction Group

Heath Taylor

Heath Taylor
Project Manager

CC: Project File, David Thomas, Alexander Krejchi

INVOICE

Date: 8/21/2020

Invoice # 10743-04

Primoris Services Corporation
James Construction Group

Bill To:
Eddie Chruch
HNTB Corporation
101 E. Old Settlers Blvd, Suite 100
Round Rock, TX 78664

RE:
Williamson
CR 110
Project No.: 1809-261
Control No.: 1809-261

Qty	UM	Description	Unit Price	Total
1.00	LS	Reconnect 12" PVC to 12" Existing	$2,349.06	**$2,349.06**
			Total	**$2,349.06**

James Construction Group, LLC

Contractor's Basis of Estimate

Date:	8/13/2020	**Project:**	CR110 (MIDDLE SECTION)	**County:**	Williamson
CO Pricing Good For:	**45 Days (unless noted otherwise elsewhere)**	**Control:**	1809-261	**Highway:**	CR110
Description:	Reconnect 12" PVC to 12" Existing	**Original Contract:**	**Net CO:** $ -	**Revised Contract:**	
Estimated Qty:	1.00 LS	**Narrative:**	According to Jonah Water sheet 3 of 20, the 12" Line at approximately station 0+25 was to be capped and abandoned in place. James Construction completed the work as planned however, after completing the work, Jonah water discovered that the 12" Line was providing water to the local water tower. James construction removed a previously installed fire hydrant and fittings installed 22LF of 12" C900 PVC, 1 solid sleeve and 3 mega lug and gasket sets to reconnect the line at Jonah Water's request.		
Estimated Change in Contract Sum:	$ 2,349.06				
Estimated Change In Contract Time:					

JCG reserves the right to request equitable time and monetary adjustments for additional or unforeseen work resulting from this change order.

Labor	Reg Hrs	OT Hrs	UM	Reg Rate	OT Rate (x1.5)	Extended
Curtis Janke	4.00		HR	$ 48.96		$ 195.84
Perry Webb	4.00		HR	$ 35.86		$ 143.43
Gustavo Garcia	4.00		HR	$ 17.00		$ 68.00
Nicolas Serrano	4.00		HR	$ 16.00		$ 64.00
Ramon Para Valdez	4.00		HR	$ 17.50		$ 70.00
Rene Rubio	4.00		HR	$ 17.00		$ 68.00
						$ -
					Subtotal	$ 609.27
					15% Markup	$ 91.39
					55% Burdens	$ 335.10
					Total Labor	**$ 1,035.76**

Equipment	QTY	UM	Rate	Extended
LW-505 CAT 938 Loader	4.00	HR	$ 65.98	$ 263.92
				$ -
				$ -
			Subtotal	$ 263.92
			15% Markup	$ 39.59
			Total Equipment	**$ 303.51**

Subcontractors	QTY	UM	Price	Extended
				$ -
				$ -
				$ -
			Subtotal	$ -
			15% Markup	$ -
			Total Subcontract	$ -

Material	Ferguson Item Number	QTY	UM	Price	Extended
12" PVC C900	DR18BP12	28.00	lf	$ 14.18	$ 397.04
12" Gland	IMJBGP12	2.00	ea	$ 33.82	$ 67.64
12" Sleeve	MJLSLA12	1.00	ea	$ 157.03	$ 157.03
12" Megalugs	SSLCEX12	2.00	ea	$ 83.76	$ 167.52
				Subtotal	$ 789.23
				15% Markup	$ 197.31
				Total Material	**$ 986.54**

Additional Work Items	QTY	Units	Price	Extended
		DOL	$ -	$ -
			Total	$ -

TOTAL OF WORK PERFORMED	**$ 2,325.80**
BOND FEE (ADD 1%)	**$ 23.26**
TOTAL COST	**$ 2,349.06**
UNIT PRICE (TOTAL COST/EST. QTY)	**$ 2,349.06**

FA - (MIGHT NOT BE ENTERED YET)

Primoris

Foreman's Daily Time Report

Job No.	Day of Week	Date	Week Ending
10743	Thursday	8/13/2020	8/16/2020

Job Name: CR 110 Williamson County

Weather:

Allocation / Phase / Description / Per Diem / AWA

	A	B	C	D	E
Phase	0596-4008	0503-2850			
Description	Reconnect 12" for Jonah	16" PVC			

Employee No.	Name	Craft/Class	Equip. #	Equipment Meters/Mileage	Abs Code	No Injury	Total Hrs Worked	A Hrs	B Hrs	C Hrs	D Hrs	E Hrs
202779	Garcia, Gustavo	8/T1346			C/N		11	4	7			
204543	Serrano, Nicolas	10/T1161			C/N		11	4	7			
239657	Para Valdez, Ramon	9/T1124			C/N		11	4	7			
242040	Rubio, Rene	8/T1347			C/N		11	4	7			
					C/N							
					C/N							
	938 Loader	LW-479			C/N							
	Backhoe	LH-119			C/N							
	938M Loader	LW-505	L805		C/N							
					C/N							
					C/N							
					C/N							
Totals							44	16	28			

	Quantity	Description / Location, Station, Etc.
A	22'	Excavated Removed 24" Reconnected 12" PVC to Existing 12"
B	8'	Excavate/ Set + Backfilled 16" PVC installed 11 1/4 Fitting connected to 24" line
C		
D		
E		

Production Report: List Load Counts, Deliveries, Accidents, Owner Verbal Directives, Problems Encountered, Explanation of Down Time, Etc.

A. Removed New Fire Hydrant + 6" Valve to Reconnect 12" water line
used 22' of 12" Pipe 1 - Solid 12" Sleeve 3 - Mega lugs + gasket sets

Foreman: PERRY WEBB Date:
Crew - B028

Project Manager: Date: 8.14.20
ALEXANDER KREJCHI
PROJECT ENGINEER
TEXAS DIVISION

Office Manager: Date:

EquipmentWatch

www.equipmentwatch.com

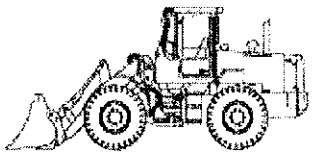
All prices shown in US dollars ($)

Rental Rate Blue Book®

April 13, 2020

Caterpillar 938M
4-Wd Articulated Wheel Loaders

Size Class:
175 - 199 HP
Weight:
N/A



Configuration for 938M

Bucket Capacity - Heaped	**6.5 cu yd**	Net Horsepower	**168 hp**
Operator Protection	**ROPS/FOPS**	Power Mode	**Diesel**

Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

	Ownership Costs				Estimated Operating Costs	FHWA Rate**
	Monthly	Weekly	Daily	Hourly	Hourly	Hourly
Published Rates	USD $6,435.00	USD $1,800.00	USD $450.00	USD $68.00	USD $33.48	USD $70.04
Adjustments						
Region (Texas: 88.9%)	(USD $714.28)	(USD $199.80)	(USD $49.95)	(USD $7.55)		
Model Year (2020: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	**USD $5,720.71**	**USD $1,600.20**	**USD $400.05**	**USD $60.45**	**USD $33.48**	**USD $65.98**

Non-Active Use Rates

	Hourly
Standby Rate	USD $20.48
Idling Rate	USD $49.05

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	41%	USD $2,638.35/mo
Overhaul (ownership)	37%	USD $2,380.95/mo
CFC (ownership)	12%	USD $772.20/mo
Indirect (ownership)	10%	USD $643.50/mo
Fuel (operating) @ USD 3.07	49%	USD $16.55/hr

Revised Date: 1st half 2020

These are the most accurate rates for the selected Revision Date(s). However, due to more frequent online updates, these rates may not match Rental Rate Blue Book Print. Visit the Cost Recovery Product Guide on our Help page for more information.

The equipment represented in this report has been exclusively prepared for ALLISON CANGELOSI (acangelosi@jcgllc.com)

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FERGUSON
WATERWORKS

FERGUSON WATERWORKS #1106
4427 FACTORY HILL DRIVE
SAN ANTONIO, TX 78219-2704

Please contact with Questions: 832-742-2930

INVOICE NUMBER	TOTAL DUE	CUSTOMER	PAGE
1078016	$488.75	46235	1 of 1

PLEASE REFER TO INVOICE NUMBER WHEN MAKING PAYMENT AND REMIT TO:

FERGUSON WATERWORKS #1106
P O BOX 847411
DALLAS, TX 75284-7411

SHIP TO:

COUNTER PICK UP
FERGUSON WATERWORKS #1254
200 PARK CENTRAL BLVD
GEORGETOWN, TX 78626

JAMES CONSTRUCTION GROUP LLC
CR110 PROJECT
18484 E PETROLEUM DR
BATON ROUGE, LA 70809

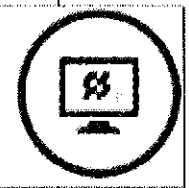
SHIP WHSE.	SELL WHSE.	TAX CODE	CUSTOMER ORDER NUMBER	SALESMAN	JOB NAME	INVOICE DATE	BATCH
1254	1254	TXE	CR110	BDE	CR110 PROJECT	08/13/20	IO 69463

ORDERED	SHIPPED	ITEM NUMBER	DESCRIPTION	UNIT PRICE	UM	AMOUNT
1	1	M759T04TSLF	LF 3/4 BRS 600# THRD FP BV SS T HDL	15.570	EA	15.57
2	2	IMJBGP12	12 MJ C153 BLT GSKT PK W GLAND	33.820	EA	67.64
1	1	IBRLFBFB	LF 3/4X1/4 BRS BUSH	3.650	EA	3.65
1	1	IBRLFCF	LF 3/4 BRS COUP	4.570	EA	4.57
1	1	IBRLFTF	LF 3/4 BRS TEE	6.940	EA	6.94
2	2	GBRNFM	LF 3/4X3 BRS NIP GDL	3.730	EA	7.46
1	1	MHYD250LF	LF 2-1/2 FNST X 3/4 MIP HYD ADPT	19.200	EA	19.20
1	1	FNWXLFG0300L	LFN LIQ 2-1/2 STL BR GA 0-300 1/4 M	39.170	EA	39.17
1	1	MJLSLA12	12X12 MJ C153 LONG SLV L/A	157.030	EA	157.03
2	2	SSLGEX12	12 PVC WDG REST GLND ONELOK E COAT	83.760	EA	167.52
			INVOICE SUB-TOTAL			488.75

LEAD LAW WARNING: IT IS ILLEGAL TO INSTALL PRODUCTS THAT ARE NOT "LEAD FREE" IN ACCORDANCE WITH US FEDERAL OR OTHER APPLICABLE LAW IN POTABLE WATER SYSTEMS ANTICIPATED FOR HUMAN CONSUMPTION. PRODUCTS WITH "NP" IN THE DESCRIPTION ARE NOT LEAD FREE AND CAN ONLY BE INSTALLED IN NON POTABLE APPLICATIONS. BUYER IS SOLELY RESPONSIBLE FOR PRODUCT SELECTION.

Looking for a more convenient way to pay your bill?

Log in to **Ferguson.com** and request access to Online Bill Pay.



TERMS: NET 10TH PROX **ORIGINAL INVOICE** **TOTAL DUE** **$488.75**

All past due amounts are subject to a service charge of 1.5% per month, or the maximum allowed by law, if lower. If Buyer fails to pay within terms, then in addition to other remedies, Buyer agrees to pay Seller all costs of collection, including reasonable attorney fees. Complete terms and conditions are available upon request or at https://www.ferguson.com/content/website-info/terms-of-sale, incorporated by reference. Seller may convert checks to ACH.

FERGUSON WATERWORKS

FERGUSON ENTERPRISES, LLC
FERGUSON WATERWORKS #1254
200 PARK CENTRAL BLVD
GEORGETOWN, TX 78626
PH: 512-930-2262 FAX: 512-930-2388

STOCK SALES ORDER

ACCEPT B/O = N
SHOWROOM = N
SOURCE = SOE
IB FRT = N 0.00
OB SHP = N 0.00
13 AUG 2020 09:52:57

ORDER NO.	REQUIRED DATE	SHIP WHS.	SELL WHS.
1078016	08/13/20	1254	1254

WRITER	SALESMAN
JBM	BDE

TAG P.O. NO.

CUSTOMER NO.	CUSTOMER ALPHA	CONTRACT NO.	BID NO.	ORDER DATE	ORDERED BY
46235	JAMESCONC			08/13/20	RANDALL

INSTRUCTIONS

OML CONTACT: John McNeill
VENDOR:
VENDOR P.O. NO.:

SOLD TO:
JAMES CONSTRUCTION GROUP LLC
CR110 PROJECT-
18484 E PETROLEUM DR
BATON ROUGE, LA 70809

CUST PH: 225-295-4830

SHIP TO:
COUNTER PICK UP
FERGUSON WATERWORKS #1254
200 PARK CENTRAL BLVD
GEORGETOWN, TX 78626

SHIP VIA: CPU COUNTER PICK-UP

PCS	BAGS	BOXES	CRATES	LENGTHS	BUNDLES

ROUTE NO.	RUN NO.	DEPART TIME

ROUTE DESC.

CUSTOMER P.O. NO.	JOB NAME	ATTN:	SHIP WT.	SHIP DATE	DELIVERED BY	PACKED BY	CHECKED BY
CR110	CR110 PROJECT						

LINE	ORDER QTY.	SHIP QTY.	ITEM CODE	DESCRIPTION	UNIT PRICE	U/M	TOTAL	P.O. NO.	AISLE LOC
1	1	1	M759T04TSLF	LF 3/4 BRS 600# THRD FP BV SS T HDL	15.570	EA			W01B01
								0.7 lb	
2	2	2	IMJBGP12	12 MJ C153 BLT GSKT PK L/ GLAND	33.820	EA			W02E0101
								0.7 lb	
3	1	1	IBRLFBFR	LF 3/4X1/4 BRS BUSH	3.050	EA			X07A01
								0.2 lb	W01B01
4	1	1	IBRLFCF	LF 3/4 BRS COUP	4.570	EA			X07B05
								0.3 lb	W01B01
5	1	1	IBRLFTF	LF 3/4 BRS TEE	6.940	EA			X07E04
								0.5 lb	W01B01
6	2	2	GBRNFM	LF 3/4X3 BRS NIP GBE	3.730	EA			X08A03
								0.2 lb	W01B02
7	1	1	MHYD260LF	LF 2-1/2 FNST X 3/4 MIP HYD ADPT	19.200	EA			XCA5
								1.1 lb	
8	1	1	FNWXLFG0300L	LFN LIQ 2-1/2 STL BR GA 0-300 1/4 M	39.170	EA			XG11
								0.5 lb	
9	1	1	MJLSLA12	12X12 MJ C153 LONG SLV L/A	157.030	EA			Y08B
								92.0 lb	
10	2	2	SSLCEX12	12"PVC WDG REST GLND *ONELOK E-COAT	83.760	EA			Y12C04
								27.1 lb	

NO RETURNS ALLOWED WITHOUT PROPER AUTHORIZATION. RETURNED MATERIALS SUBJECT TO HANDLING CHARGES.

SEE REVERSE SIDE FOR IMPORTANT TERMS AND CONDITIONS OF SALE AND LIMITATIONS OF WARRANTY.

SUBTOTAL	INBOUND FREIGHT	OUTBOUND SHIPPING	TAX	LESS DEPOSIT	TOTAL DUE

CUSTOMER'S SIGNATURE: Randall DATE: 8-13-20

TERMS:

CONTINUED

CUSTOMER COPY

FEIA16 DT0237 (09/16)

FERGUSON WATERWORKS

FERGUSON WATERWORKS #1106
Price Quotation

Fax 512-930-2386

08:07:37 DEC 13 2018
Reference No: B418017

Item	Description	Quantity	Net Price	UM	Total
	#155 12" DR18				
DR18BP12	12 C900 DR18 PVC GJ BLUE PIPE	3117	14.180	FT	44199.06
TW16SLDTFNBL500	16GA SLD COP TEN WIRE BLUE 500/RL	6	46.750	RL	280.50
SDS400	IN SPLICE CONN	6	1.740	EA	10.44
MJ4LA12	12 MJ C153 45 BEND L/A	8	145.470	EA	1163.76
MJRLA12U	12X6 MJ C153 RED L/A	2	81.510	EA	163.02
SDMCPEP12	12 SIGMA FOSTER ADPT W/ MJ ACC KIT	2	243.730	EA	487.46
MJTLA12	12 MJ C153 TEE L/A	4	244.920	EA	979.68
SSLCE12	12 PVC WDG REST GLND *ONELOK	30	78.840	EA	2365.20
IMJBGP12	12 MJ C153 BLT GSKT PK L/ GLAND	30	24.890	EA	746.70
SSLDE6	6 DI MJ WDG REST GLND *ONELOK	2	21.410	EA	42.82
APW2986	29X200 8 MIL POLYWRAP W/ WHIT LABEL	2	124.990	RL	249.98
	SUBTOTAL				50686.62
	#157 8" DR18				
DR18BPX	8 C900 DR18 PVC GJ BLUE PIPE	15	6.700	FT	100.50
MJ4LAX	8 MJ C153 45 BEND L/A	2	67.080	EA	134.16
SSLCE8	8 PVC WDG REST GLND *ONELOK	4	39.610	EA	158.44
IMJBGPX	8 MJ C153 BLT GSKT PK L/ GLAND	4	17.560	EA	70.24
	SUBTOTAL				463.34
	#158 6" DR18				
R18BPU	6 C900 DR18 PVC GJ BLUE PIPE	10	3.860	FT	38.60
	SUBTOTAL				38.60
	#159 24" STL CASING W/ 16" DR18 RJ				
SP-DSCP43824	24 X .438 STL CASING PIPE	265	55.833	FT	14795.75
DR18LOK21P16	16 C905 DR18 LOK21 GJ PIPE	265	49.062	FT	13001.43
SP-CS1624	16X24 CASING SPACER	40	115.294	EA	4611.76
SP-ES1624	16X24 END SEAL	6	52.000	EA	312.00
TW16SLDTFNBL500	16GA SLD COP TEN WIRE BLUE 500/RL	1	46.750	RL	46.75
	SUBTOTAL				32767.69
	#160 20" HDPE CASING NOTE: QUOTING 24", 20" NOT AVAILABLE				
A248S0020DW	24X20 N12 F2646 SLD HDPE PIPE	60	16.356	FT	981.48
DR18LOK21P16	16 C905 DR18 LOK21 GJ PIPE	60	50.095	FT	3005.70
SP-CS1624	16X24 CASING SPACER	10	115.294	EA	1152.94
SP-ES1624	16X24 END SEAL	2	52.000	EA	104.00
	SUBTOTAL				5244.12
	#161 24" CASING ENCASE IN CONCRETE				
SP-DSCP43824	24 X .438 STL CASING PIPE	440	55.833	FT	24566.52
DR18LOK21P16	16 C905 DR18 LOK21 GJ PIPE	440	50.095	FT	22041.80
SP-CS1624	16X24 CASING SPACER	73	115.294	EA	8416.46
SP-ES1624	16X24 END SEAL	8	52.000	EA	416.00
TW16SLDTFNBL500	16GA SLD COP TEN WIRE BLUE 500/RL	1	46.750	RL	46.75
	SUBTOTAL				55487.53
	#162 20" STL CASING				
DSCP37520	20 X .375 STL CASING PIPE	325	4055.557	C	13180.56
B13201926SS8CR	13 20X19 25 SS 8 WIDE CASING SPCR	49	64.700	EA	3170.59

Email: accountspayable@prim.com
BATON ROUGE, 70879-9022
Job Phone:
Job Fax:

Item 351-WC01

JCG Force Account

EDDIE CHURCH
HNTB CORPORATION
101 E. Old Settlers Blvd, Suite 100
Round Rock, TX 78664

WILLIAMSON Co. - CR 110 MIDDLE SECTION
Job #: 1809-261
Control#: 1809-261
RE: Force Account Pothole Repairs

Dear Mr. CHURCH:

Attached is a copy of the force account requested by HNTB to pay for the repair of potholes on the existing CR110 surface. According to the Observer, this work will be paid under FLEXIBLE PAVEMENT REPAIR ITEM 351-6002. At the bid price of $32.74/sy, payment should be approximately **10.56 sy**

Respectfully yours,
James Construction Group

Alexander Krejchi
Project Engineer

CC:

Item 351-WC01

James Construction Group, LLC

Contractor's Basis of Estimate

Date:	6/1/2020	**Project:**	CR110 (MIDDLE SECTION)	**County:**	Williamson Co
Description:	Repair CR110 Potholes	**Control:**		**Highway:**	CR110
Estimated Qty:	1.00				
UOM:	EA	NOTE:			

Labor	**ST Hours**	**OT Hours**	**ST Rate**	**OT Rate**	**Extended**
Stevie Minton	2.00		$18.00		$ 36.00
Willie Copeland	2.00		$16.00		$ 32.00
Jace Williams	2.00		$15.00		$ 30.00
Trey Dowley	2.00		$16.00		$ 32.00
Christopher Walding	2.00		$16.00		$ 32.00
Nicolas Brown	2.00		$13.00		$ 26.00
				25% Profit	$ 47.00
				55% Burdens	$ 103.40
				Subtotal	$338.40

Equipment	**U/M**	**Units**	**Rate**	**Extended**
				$ -
				$ -
			15% Profit	
			Subtotal	$ -

Subcontractors	**QTY**	**Units**	**Price**	**Extended**
			5% Profit	
			Subtotal	$ -

Material	**QTY**	**Units**	**Price**	**Extended**
			25% Markup	$ -
			Subtotal	$ -

TOTAL OF WORK PERFORMED	**$ 338.40**
BOND FEE (ADD 1%)	**$ 3.38**
TOTAL COST	**$ 341.78**
UNIT PRICE (TOTAL COST/EST. QTY)	**$ 341.78**

Pothole repairs made on 6/1/20 to the Existing CR110 Roadway.

Will be paid under 351-6002, Flexible Pavement Structure Repair, at the unit price of $32.38/sy.

351-6002 = 10.56 sy or $341.93

FA FA

Primoris

Foreman's Daily Time Report

Job No	Day of Week	Date	Week Ending
10743	Monday	6/1/2020	6/7/2020

Job Name: CR 110 Williamson County

Weather:

Allocation				A	B	C	D	E
Phase				0501-4000	0501-4000	0507-2000	0507-2000	0501-2000
Description				Subgrade	Slopes	Road Repairs	Clean up	topsoil
Per Diem								
AWA								

Employee No.	Name	Craft/Class	Equip. #	Equipment Meters/Mileage	Abs Code	No Injury	Total Hrs Worked	A Hrs	B Hrs	C Hrs	D Hrs	E Hrs
204019	Minton, Stevie	16/T1506	3-1988	10273 hrs	C/N		10	8		2	-	
227961	Willess, Mike	8/T1306	T0609	8283 hrs	C/N		10		8		-	2
243082	Copeland, Willie	8/T1362	LW-479	9284 hrs	C/N		8			2	6	
243736	Williams, Jace C	19/T1175			C/N		8			2	6	
282417	Dowley, Trey	19/T1150			C/N		8			2	6	
282420	Walding, Christopher	19/T1175			C/N		8			2	6	
200116	Brown, Nicolas	8/T1405	RA301	1232 hrs	C/N		10	8		2		
226645	Cummins, Richard	8/T1306	60487	9238 hrs	C/N		10	10				
	John Deere 250D offroad		TED9446R3	4678 hrs								
	Dump Trucks	1-599		55822 miles								
Totals							72	26	8	12	24	2

	Quantity	Description / Location, Station, Etc.
A		Subgrade - Process CR110 Sta 232 to 234+50, Finish subgrade CR110 Sta 217 to 231
B		Slopes - temporary ditch Rt side Sta 218+50 to 221+00
C		Repairs - fill in potholes with cold mix
D		Clean up throughout job.
E	148.88 cy	Place topsoil w/dozer Lt Sta 205+98 to 210+00 (402 X 30 X 4")

Production Report: List Load Counts, Deliveries, Accidents, Owner Verbal Directives, Problems Encountered, Explanation of Down Time, Etc.

(A) Surveyors started Grade check @ 2pm for Subgrade sta 217 to 231

(B) Could not excavate ditch per plans - water line & power poles in the way - diverted ditch to Culvert B and plugged pipes at sta 211 & 213 CR110

Foreman: ANDREW GUTIERREZ Date: 6-1-2020
Crew - B001
Andrew Gutierrez

Project Manager: Date: 6/4/20
ALEXANDER KREJCHI
PROJECT ENGINEER
TEXAS DIVISION

Office Manager: Date:

Item 680-WC01

5880 WEST HWY 190, SUITE 100
BELTON, TX 76513
PHONE (254) 939-8610
FAX (254) 939-8611

Primoris Services Corporation
James Construction Group

Received
Jun 12, 2020
HNTB Corporation
Round Rock

June 12, 2020

HNTB
Attention: Clayton K. Webber, Construction Manager
101 E. Old Settlers Blvd., Ste. 100
Round Rock, Texas 78664

RE: Project: Williamson County – CR 110 (Middle Section)
Project Number: 1809-261
Subject: CR 110 Traffic Light Controller Assembly

Please see attached proposal for the TXDOT TS 2 – M 60 Series controller assembly for the intersection of CR 110 and University Blvd. The Controller assembly was struck by lightning during one of the recent storms and was damaged beyond the repair of Austin Traffic Signal. Please see the attached proposal to complete this repair.

See comments on following pages.
erc

Regards,

Heath Taylor

Heath Taylor
Sr. Project Manager
Primoris Heavy Civil
James Construction Group

Cc: File

Item 680-WC01

Proposal

Date: 6/11/2020

Proposal No.: 10743-01

Primoris Services Corporation
James Construction Group

Sent To:
Clayton K. Webber, Construction Manager
HNTB
101 E. Old Settlers Blvd., Ste. 100
Round Rock, Texas 78664

RE:
Williamson County
CR 110 (Middle Section)
Project No.: 1809-261

Qty	UM	Description	Unit Price	Total
1.00	LS	TXDOT TS 2 - M 60 SERIES - CONTROLLER ASSEMBLY	$18,252.59	
			Total	$18,252.59

Williamson County - CR 110		Bid Item Qty =	1.00	LS

TXDOT TS 2 - M 60 SERIES - CONTROLLER ASSEMBLY

NARRATIVE: COSTS ASSOCIATED WITH REPLACING THE CONTROLLER AT UNIVERSITY. THE CONTROLLER WAS STRUCK BY LIGHTNING.

Cost Type & Markup Summary

Cost Type	Direct Subtotal	Markup %	Markup $	Subtotal Cost Type	$ / UOM
~~Labor (55% Actual Direct Labor Costs)~~	~~244.80~~	~~55%~~	~~134.64~~	~~$ 379.44~~	~~$ 379.44~~
~~Profit & Overhead~~		~~25%~~	~~61.20~~	~~$ 61.20~~	~~$ 61.20~~
~~Equipment~~	~~70.65~~	~~15%~~	~~10.60~~	~~$ 81.25~~	~~$ 81.25~~
Materials	-	25%	-	$ -	$ -
Subcontracts	17,211.30	5%	$860.57	$ $18,071.87	$18,071.87
Supplies/ Other	-	25%	-	$ -	$ -
Bond		1%	$180.72	$ $180.72	$ $180.72
- Grand TotalsTXDOT TS 2 - M 60 SERIES - CONTROLLER ASSEMBLY				**$ $18,252.59**	**$18,252.59**

Markup for sub should be 5%.

Description	Crew Qty	UOM	Task Qty	UOM	$ / UOM	Extended $
TXDOT TS 2 - M 60 SERIES - CONTROLLER ASSEMBLY	Task Qty =		1.00	EA	Dur (days) =	1.00
	Prod Rate =		1.00	per shift	$ / UOM =	17,526.75
					Subtotal =	$ ~~244.80~~
FOREMAN	0.50	ea	5.00	hrs	48.96	244.80
		ea	-	hrs	-	-
		ea	-	hrs	-	-
		ea	-	hrs	-	-
Equipment					Subtotal =	$ 70.65
CREW TRUCK	0.50	ea	5.00	hrs	14.13	70.65
		ea	-	hrs	-	-
		ea	-	hrs	-	-
Material					Subtotal =	$ -
						-
						-
						-
Subcontract					Subtotal =	$ 17,211.30
AUSTIN TRAFFIC SIGNAL - TXDOT TS 2 - M 60 SERIES CONTROLLER			1.00	EA	17,211.30	17,211.30
						-
						-
						-
						-
						-
Supplies/ Other					Subtotal =	$ -
						-
						-
					-	-
					-	-
					-	-
TXDOT TS 2 - M 60 SERIES - CONTROLLER ASSEMBLY - Direct Cost Subtotal =						*$ 17,526.75*

AUSTIN TRAFFIC SIGNAL CONSTRUCTION COMPANY, INC.

P.O. Box 130
Round Rock, Texas 78680

Ph. (512) 255-9951
Fax (512) 255-0146

May 26, 2020

CHANGE ORDER PROPOSAL

PROJECT: CR 110

Item No.	Item-code Desc. Code	Bid Item Description	Unit of Measure	Approx. Quantities	Unit Bid Price	Amount
680		TXDOT TS 2- M 60 SERIES- CONTROLLER ASSEMBLY	EA	1	$17,211.30	$17,211.30
		Total Bid Amount				**$17,211.30**

NOTES:

1) CONTROLLER REPLACEMENT

Total Material	$11,850.00
Total Labor	$438.00
Total Equipment	$396.00
Total Sub Contractor	$1,100.00
25% Profit on Material	$2,962.50
25 % Profit on Labor	$109.50
55% Labor Burden	$240.90
15 % Profit on Equipment	$59.40
5 % Profit on SubContractor	$55.00

TOTAL	$17,211.30

CONTACT Edward Schroeder for any questions at 512-255-9951 ext. 114

iteris®

JOHN DRAKE
1700 Carnegie Ave. Suite 100
Santa Ana, CA 92705-5551
Phone: (512)592-9567
email: jgd@iteris.com, web site: www.iteris.com

EQUIPMENT QUOTE
Quote #: 052720-1-JGD

Iteris, Inc.
1700 Carnegie Ave, Suite 100,
Santa Ana, CA 92705-5551

iteris® VantagePegasus SIEMENS EAGLE

Agency: ROUND ROCK
Project Name: CR 110

May 27, 2020

ITEM #	DESCRIPTION	NOTES	QTY	SUPPLIER	UNIT PRICE		EXT. PRICE	
680 6003	**HWY TRF SIGNAL (SYSTEM)**	**SEE ITEM BELOW**	**1**					
ITEM TS2 GM	**TXDOT NEMA TS2 16POS GROUND MOUNT CONTROLLER CAB**		**1**		**$11,850.00**		**$11,850.00**	
2562101213	CONTROL CABINET:5116,TX04,NO CONT,NOPT,S		1					
8132-0000-018	M60 NEMA LINUX CONTROLLER		1					
ABW12027P001	CBL, TYPE 2 TO TYPE 1 ADPTR		1					
~~6077-6001~~	~~ETHERNET RADIO~~	~~NO EXTRA ANTENNA NEEDED~~	~~1~~		~~$1,500.00~~		~~$1,500.00~~	Not Needed
VP-58ACH-I-KIT	5 GHZ 23 DB 802311AC 300 MB INTEGRATED MIMO KIT		1					
AS-3009-120-PNC	Astro-Brac Stellar Clamp Kit, 120" Galv Cable Mount, Alum		1					
SE-0484-74-PNC	Tube, 1-1/2" x 74", Alum		1					
~~ITEM~~	~~MANAGED ETHERNET SWITCH~~	~~IF NEEDED~~	~~1~~		~~$1,195.00~~		~~$1,195.00~~	Not Needed
CNGE3FE8MS	Hardened 3 FX SFP 100/1000/2500Mbps FX + 8Port 10/100Mbps TX Ports Managed Switch		1					
SET-UP-ASSISTANCE	**PROGRAMMING/TURN ON ASSISTANCE PER DAY**	**IF NEEDED**	**1**		**$350.00**		**$350.00**	

Fax or email Purchase Orders to: Marilyn Holden, (949) 270-9441, mdh@iteris.com, please include quote number on your purchase order	**SUBTOTAL**	**$14,895.00**
Quote Terms: Net 30 days, subject to credit approval and Iteris Standard Terms & Conditions unless negotiated in writing with Iteris, Inc. prior to purchase.	**FREIGHT**	**PPD**
Prices are valid for 30 days from the date of quote unless extended in writing.	**TAX**	**0.00%**
FOB Destination, freight included, does not include insurance. Equipment from this quote may only be installed in the State of Texas.	**DISCOUNT**	**0.00%**
This quotation and any resulting order are subject to Iteris' Roadway Sensor Products Standard Terms and Conditions of Sale attached hereto or available at http://www.iteris.com/RS-Std-TC.pdf, which are incorporated herein by this reference.	**TOTAL**	**$14,895.00**

iteris®

JOHN DRAKE
1700 Carnegie Ave. Suite 100
Santa Ana, CA 92705-5551
Phone: (512)592-9567
email: jgd@iteris.com, web site: www.iteris.com

EQUIPMENT QUOTE
Quote #: 052720-1-JGD

Iteris, Inc.
1700 Carnegie Ave, Suite 100,
Santa Ana, CA 92705-5551

iteris® VantagePegasus™ SIEMENS EAGLE Traffic Control Systems



Agency: ROUND ROCK
Project Name: CR 110

May 27, 2020

ITEM #	DESCRIPTION	NOTES	QTY	SUPPLIER	UNIT PRICE		EXT. PRICE	
680 6003	HWY TRF SIGNAL (SYSTEM)	SEE ITEM BELOW	1					
ITEM TS2 GM	TXDOT NEMA TS2 16POS GROUND MOUNT CONTROLLER CAB		1		$11,850.00		$11,850.00	
2562101213	CONTROL CABINET:5116,TX04,NO CONT,NOPT,S		1					
8132-0000-018	M60 NEMA LINUX CONTROLLER		1					
ABW12027P001	CBL, TYPE 2 TO TYPE 1 ADPTR		1					
~~6077 6001~~	~~ETHERNET RADIO~~	~~NO EXTRA ANTENNA NEEDED~~	~~1~~		~~$1,500.00~~		~~$1,500.00~~	Not Need
VP-58ACH-I-KIT	5 GHZ 23 DB 802311AC 300 MB INTEGRATED MIMO KIT		1					
AS-3009-120-PNC	Astro-Brac Stellar Clamp Kit, 120" Galv Cable Mount, Alum		1					
SE-0484-74-PNC	Tube, 1-1/2" x 74", Alum		1					
~~ITEM~~	~~MANAGED ETHERNET SWITCH~~	~~IF NEEDED~~	~~1~~		~~$1,195.00~~		~~$1,195.00~~	Not Neede
CNGE3FE8MS	Hardened 3 FX SFP 100/1000/2500Mbps FX + 8Port 10/100Mbps TX Ports Managed Switch		1					
SET-UP-ASSISTANCE	PROGRAMMING/TURN ON ASSISTANCE PER DAY	IF NEEDED	1		$350.00		$350.00	

Fax or email Purchase Orders to: Marilyn Holden, (949) 270-9441, mdh@iteris.com, please include quote number on your purchase order	SUBTOTAL	$14,895.00
Quote Terms: Net 30 days, subject to credit approval and Iteris Standard Terms & Conditions unless negotiated in writing with Iteris, Inc. prior to purchase.	FREIGHT	PPD
Prices are valid for 30 days from the date of quote unless extended in writing.	TAX	0.00%
FOB Destination, freight included, does not include insurance. Equipment from this quote may only be installed in the State of Texas.	DISCOUNT	0.00%
This quotation and any resulting order are subject to Iteris' Roadway Sensor Products Standard Terms and Conditions of Sale attached hereto or available at http://www.iteris.com/RS-Std-TC.pdf, which are incorporated herein by this reference.	TOTAL	$14,895.00

Eddie R. Church

From: Heath Taylor <Heath.Taylor@prim.com>
Sent: Friday, June 26, 2020 4:03 PM
To: Eddie R. Church
Subject: RE: Traffic Signal Controller Cabinet - CR 110 Middle

Eddie,
Let's just take foreman and truck off and expedite this to get things going. Not worth the time to revise with the other pending items on our plate. Let me know if that is OK. Thanks.

Regards,

Heath Taylor
Sr. Project Manager
James Construction Group
Mobile: 254.346.9284
heath.taylor@prim.com
www.prim.com

"No business objective is so important that it will be pursued at the sacrifice of safety."

From: Eddie R. Church <erchurch@HNTB.com>
Sent: Friday, June 12, 2020 2:54 PM
To: Heath Taylor <Heath.Taylor@prim.com>; Clayton Weber <cweber@HNTB.com>
Cc: 62811_1809-261_CR110Middle <34275_RB_CR110?Middle_KHA?@HNTB.com>; David Thomas <dathomas@HNTB.com>; Dawn Haggard <dhaggard@HNTB.com>; James Klotz <jklotz@HNTB.com>; Alexander Krejchi <akrejchi@prim.com>
Subject: RE: Traffic Signal Controller Cabinet - CR 110 Middle

EXTERNAL EMAIL

Heath,

Please see the attached proposal with comments. If you have questions, please contact James Klotz or me.

Thank you,

Eddie R. Church, PE
Project Manager
Tel (512) 527-6723 **Mobile** (512) 297-0524 **Email** erchurch@hntb.com

HNTB CORPORATION
101 E. Old Settlers Blvd., Ste. 100 | Round Rock, TX 78664 | hntb.com

100+ YEARS OF INFRASTRUCTURE SOLUTIONS

Twitter | LinkedIn | Facebook | Instagram

From: Heath Taylor <Heath.Taylor@prim.com>
Sent: Friday, June 12, 2020 12:51 PM
To: Clayton Weber <cweber@HNTB.com>
Cc: 62811_1809-261_CR110Middle <34275_RB_CR110?Middle_KHA?@HNTB.com>; David Thomas <dathomas@HNTB.com>; Dawn Haggard <dhaggard@HNTB.com>; James Klotz <jklotz@HNTB.com>; Alexander Krejchi <akrejchi@prim.com>; Eddie R. Church <erchurch@HNTB.com>
Subject: Traffic Signal Controller Cabinet

Please see attached proposal for the controller cabinet that was hit by lightning. Thank you.

Regards,

Heath Taylor
Sr. Project Manager
James Construction Group
Mobile: 254.346.9284
heath.taylor@prim.com
www.prim.com

"No business objective is so important that it will be pursued at the sacrifice of safety."

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Note!: This email originated from outside our organization. Be cautious when opening Links and Attachments that you were not expecting.

5880 WEST HWY 190, SUITE 100
BELTON, TX 76513
PHONE (254) 939-8610
FAX (254) 939-8611

Primoris Services Corporation
James Construction Group

Item 341-WC02

September 18, 2020

CLAYTON WEBER
HNTB CORPORATION
101 E. Old Settlers Blvd, Suite 100
Round Rock, TX 78664

WILLIAMSON Co. - CR 110 MIDDLE SECTION
Job #: 1809-261
Control#: 1809-261
RE: CR 110 – SHOULDER REMOVAL AND REPAVE AT UNIVERSITY

Dear Mr. Weber

James Construction Group, L.L.C. (JCG) please find attached documentation with allowable mark up for the Shoulder Removal and Repave at University.

Regards,
James Construction Group

Heath Taylor

Heath Taylor
Project Manager

CC: Project File, David Thomas, Alexander Krejchi

INVOICE

Date: 6/17/2020

Invoice # 10743-02

Primoris Services Corporation
James Construction Group

Bill To:
Eddie Chruch
HNTB Corporation
101 E. Old Settlers Blvd, Suite 100
Round Rock, TX 78664

RE:
Williamson
CR 110
Project No.: 1809-261
Control No.: 1809-261

Qty	UM	Description	Unit Price	Total
1.00	LS	Shoulder Removal and Repave at University	$19,223.54	**$19,223.54**
			Total	**$19,223.54**

James Construction Group, LLC

Contractor's Basis of Estimate

Date:	6/25/2020	**Project:**	CR110 (MIDDLE SECTION)	**County:**	Williamson
CO Pricing Good For:	45 Days (unless noted otherwise elsewhere)	**Control:**	1809-261	**Highway:**	CR110
Description:	Shoulder Removals and Repave and University	**Original Contract:**	**Net CO:** $ -	**Revised Contract:**	
Estimated Qty:	1.00 LS	**Narrative:**	Texas Materials Milled the North Shoulder at the new University intersection and repaved to remove a low spot on the existing shoulder. Mike Willess and Andrew Guiterrez provided traffic control to move the University traffic to the south side of the intersection and an officer was stationed at both the Northern corner of University and CR110 and the South end of the workzone on University. Work was completed around 12:30 am. Traffic control was removed by 1:30 pm.		
Estimated Change in Contract Sum:	$ 19,223.54				
Estimated Change In Contract Time:					

JCG reserves the right to request equitable time and monetary adjustments for additional or unforeseen work resulting from this change order.

Labor	Reg Hrs	OT Hrs	UM	Reg Rate	OT Rate (x1.5)	Extended
Mike Willess	2.00		HR	$ 26.00		$ 52.00
						$ -
					Subtotal	$ 52.00
					15% Markup	$ 7.80
					55% Burdens	$ 28.60
					Total Labor	**$ 88.40**

Equipment	QTY	UM	Rate	Extended
				$ -
				$ -
				$ -
			Subtotal	$ -
			15% Markup	$ -
			Total Equipment	**$ -**

Subcontractors	QTY	UM	Price	Extended
Texas Materials CO#1 Grade Correction Paving	1.00	LS	$ 15,703.75	$ 15,703.75
Officer Paul Gonzalez	5.50	hr	$ 70.00	$ 385.00
Officer Frank Artes	5.50	hr	$ 70.00	$ 385.00
			Subtotal	$ 16,473.75
			15% Markup	$ 2,471.06
			Total Subcontract	**$ 18,944.81**

Material	QTY	UM	Price	Extended
				$ -
			Subtotal	$ -
			15% Markup	$ -
			Total Material	**$ -**

Additional Work Items	QTY	Units	Price	Extended
		DOL	$ -	$ -
			Total	**$ -**

TOTAL OF WORK PERFORMED	**$ 19,033.21**
BOND FEE (ADD 1%)	**$ 190.33**
TOTAL COST	**$ 19,223.54**
UNIT PRICE (TOTAL COST/EST. QTY)	**$ 19,223.54**

From: Texas Materials
1320 Arrow Point Dr. Suite 600
Cedar Park, TX 78613

To: James Construction

CONSTRUCTION CHANGE ORDER

Project: CR 110 Middle Section

Project No.: 559761
Original Contract Amount: **$1,799,774.07**
This Change Order: $15,703.75
Change Orders to Date: -$3,454.58
Original Contract Amount Plus Change Orders: **$1,812,023.24**

Change Order No.: 1
Change Order Date: 08/20/2020

CHANGE DATA:

Item No.	Description (Including Reason)	Quantity	Unit	Unit Price	Amount
	Additional items and/or quanitites:				
9000	CO#1 Grade Correction Paving	1	LS	$15,703.75	$15,703.75
	Total				$15,703.75

Approved by: _____
Texas Materials Date

Approved by: _____
Date

James Construction **Invoice Date 7/17/2020**

Date	Officer Name	Event	Times	Hours	Rate
7/10/20	Frank Artes	CR 110	08:00-13:30	5.5	$70.00
7/14/20	Frank Artes	CR 110	08:00-17:30	9.5	$70.00
		CSJ 1809-261			

PAY TYPE 21

Total Hours 15

Total Payout $1,050.00

Make Checks Payable To

Francisco S. Artes
3001 Woody Cove
Round Rock , Texas 78665

36261

JOB #10743

DAILY REPORT ON LAW ENFORCEMENT FORCE ACCOUNT WORK

Form 318
(Rev. 5/18)
Page 1 of 1

County: Williamson Project: CR 110 Middle CSJ: 1809-761 Highway: CR 110

Officer: Francisco Artes SSN (Last 4 Numbers): 6995 Badge No: 772

Department/Agency: Lago Vista PD License/Car No: Gunstar

Day/Date: July 10 , 2020

Start Time: 08:00 am/pm

End Time: 13:30 am/pm

Total Hours: 5.5

Check if officer time was utilized for non-pay item and exclude non-pay hours. Indicate reason in remarks below.

Non-Pay Hours: _____

Pay Hours: _____

Work Being Performed/Remarks: Milling University For Drainage

Cancellation (if applicable)

Time: _____ am/pm Name of Person Who Cancelled: _____

Reason for Cancellation: _____

☑ Law Enforcement Officer certifies that they have successfully completed the National Highway Institute online course "Safe and Effective Use of Law Enforcement Personnel in Work Zones." Certification of training has been provided and is valid for three years from the date of completion per SP 007-001.

Law Enforcement Officer's Signature

TxDOT Representative's Signature

Contractor's or Subcontractor's Company Name

Contractor's or Subcontractor's Signature and Title

This form is used to monitor and report traffic control officer's time and equipment. The Contractor/Subcontractor shall obtain the officer's signature and provide TxDOT the **original** report. Contractor/Subcontractor invoice must be based on this form.

Distribution: Original to TxDOT
Copy to Contractor or Subcontractor
Copy to Officer

James Construction **Invoice Date 7/17/2020**

Date	Officer Name	Event	Times	Hours	Rate
7/10/20	Paul Gonzalez	CR 110 CSJ 1809-261	08:00-13:30	5.5	$70.00

Total Hours 5.5

Total Payout $385.00

PAY TYPE 21

Make Checks Payable To:

Paul Gonzalez
328 Guemal Road
Buda, Texas 78610

35689

JOB #10743

DAILY REPORT ON LAW ENFORCEMENT FORCE ACCOUNT WORK

Form 518
(Rev. 5/18)
Page 1 of 1

County: WILLIAMSON Project: CR 110 MIDDLE CSJ: 1809-261 Highway: CR 110

Officer: GONZALEZ SSN (Last 4 Numbers): 3160 Badge No: 1069

Department/Agency: Mustang Ridge PD License/Car No: GTN5908

Day/Date: 7/10/2021

Start Time: 800 am/pm

End Time: 130 am/pm

Total Hours: 5.5

Check if officer time was utilized for non-pay item and exclude non-pay hours. Indicate reason in remarks below.

Non-Pay Hours:

Pay Hours:

Work Being Performed/Remarks: MILLING UNIVERSITY FOR DRAINAGE

Cancellation (if applicable)

Time: _____ am/pm Name of Person Who Cancelled: _____

Reason for Cancellation: _____

☑ Law Enforcement Officer certifies that they have successfully completed the National Highway Institute online course "Safe and Effective Use of Law Enforcement Personnel in Work Zones." Certification of training has been provided and is valid for three years from the date of completion per SP 007-001.

Law Enforcement Officer's Signature

TxDOT Representative's Signature

Contractor's or Subcontractor's Company Name

Contractor's or Subcontractor's Signature and Title

This form is used to monitor and report traffic control officer's time and equipment. The Contractor/Subcontractor shall obtain the officer's signature and provide TxDOT the **original** report. Contractor/Subcontractor invoice must be based on this form.

Distribution: Original to TxDOT
Copy to Contractor or Subcontractor
Copy to Officer

Item 341-WC04

Force Account

Date: 10/23/2020

Primoris Services Corporation
James Construction Group

Bill To:
Clayton Weber
HNTB Corporation
101 E. Old Settlers Blvd, Suite 100
Round Rock, TX 78664

RE:
Williamson
CR 110
Project No.: 1809-261
Control No.: 1809-261

Qty	UM	Description	Unit Price	Total
1.00	LS	Full Depth HMA CR110 infront of Toscana	$15,301.03	**$15,301.03**
			Total	**$15,301.03**

James Construction Group, LLC

Contractor's Basis of Estimate

Date:	10/23/2020	**Project:**	CR110 (MIDDLE SECTION)	**County:**	Williamson
CO Pricing Good For:	45 Days (unless noted otherwise elsewhere)	**Control:**	1809-261	**Highway:**	CR110
Description:	Full Depth HMA on CR110 Infront of Toscana Trace	**Original Contract:**	**Net CO:** $ -	**Revised Contract:**	
Estimated Qty:	1.00 LS	**Narrative:**	JCG excavated the existing CR110 roadway from station 234+50 - 235+43 and replaced with full depth HMA while maintaining through traffic at night on 10/7/20. JCG returned on 10/13/20 to install a small sliver of additional width at the radius after clarifications from HNTB.		
Estimated Change in Contract Sum:	$ 15,301.03				
Estimated Change in Contract Time:					

JCG reserves the right to request equitable time and monetary adjustments for additional or unforeseen work resulting from this change order.

Labor	Reg Hrs	OT Hrs	UM	Reg Rate	OT Rate (x1.5)	Extended
Nicolas Brown	7.00			$ 15.00		$ 105.00
Stevie Minton	7.00			$ 18.00		$ 126.00
Richard Cummins	7.00			$ 27.00		$ 189.00
Mike Willess	7.00			$ 28.00		$ 196.00
Willie Copeland	7.00			$ 16.00		$ 112.00
Christopher Walding	7.00			$ 15.00		$ 105.00
					Subtotal	$ 833.00
					15% Profit	$ 124.95
					55% Burdens	$ 458.15
					Total Labor	$ 1,416.10

Equipment	QTY	UM	Rate	Extended
Komatsu PC360LC-3 Excavator	7.00	HR	$ 125.65	$ 879.55
Cat 140M Motor Grader	7.00	HR	$ 84.17	$ 589.19
Water Truck	7.00	HR	$ 50.19	$ 351.33
Cat 938 Loader	7.00	HR	$ 65.98	$ 461.86
Offroad Truck	7.00	HR	$ 121.41	$ 849.87
Steel Wheel Roller (United Rentals)	1.00	DAY	$ 348.96	$ 348.96
1/2 Ton Pickup	7.00	HR	$ 27.56	$ 192.92
Light Plant (United Rentals)	2.00	DAY	$ 130.32	$ 260.64
Vibrator Plate (United Rentals) (10/13/20) To widen radius	1.00	DAY	$ 271.98	$ 271.98
			Subtotal	$ 4,206.30
			15% Profit	$ 630.95
			Total Equipment	$ 4,837.25

Subcontractors	QTY	UM	Price	Extended
Nunez Trucking Freight Charge	124.32	tons	$ 7.93	$ 985.86
Nunez Trucking Hourly Standby Charge	2.93	hrs	$ 90.00	$ 263.70
			Subtotal	$ 1,249.56
			15% Profit	$ 187.43
			Total Subcontract	$ 1,436.99

Material	QTY	UM	Price	Extended
TY B HMA R64-22 (TX MAT inv 200909094)	124.32	tons	$ 48.00	$ 5,967.36
			Subtotal	$ 5,967.36
			15% Markup	$ 1,491.84
			Total Material	$ 7,459.20

Additional Work Items	QTY	Units	Price	Extended
			$ -	$ -
			Total	$ -

TOTAL OF WORK PERFORMED	**$ 15,149.54**
BOND FEE (ADD 1%)	**$ 151.50**
TOTAL COST	**$ 15,301.03**
UNIT PRICE (TOTAL COST/EST. QTY)	**$ 15,301.03**

James Construction Group, LLC.
5880 West U.S. HWY. 190
Belton, Texas 76513
Phone: (254) 939-8610
Fax: (254) 939-8611

CR110 Middle Extra Work Form
Job # 10743

Foreman: Andrew Gutierrez
Date: 10-7-2020

Description of Work Traffic Control,
Excavate old CR110 Sta 234+50 to 235+43, Over Excavate sta 235+01 to 235+43 (42x23x12") Finish Subgrade sta 234+50 to 235+43 (93x23), Full depth hotmix sta 234+50 to 235+43 (93x23x9"),

LABOR			
NAME	CRAFT/CLASS	HRS	DESCRIPTION OF TASK
Brown, Nicolas	8/T1405	5	Traffic Control, roller
Minton, Stevie	16/T1606	5	Traffic Control, water truck
Cummins, Richard C.	8/T1306	5	Blade operator - finish subgrade, Hotmix
Willess, Mike	8/T1306	5	Excavator operator - Excavate old CR110
Copeland, Willie	8/T1369	5	Loader operator - Excavate old CR110
Walding, Christopher	19/T1175	5	Traffic Control - offroad truck

EQUIPMENT		MATERIALS		
EQUIPMENT TYPE	EQUIPMENT #	MATERIAL DESCRIPTION	QTY	UoM
Komatsu Excavator	Rental	5364 hrs ✓		
Blade -	G487	9802 hrs ✓		
Water truck	3-1988	10734 hrs		
Loader	LW474	9790 hrs ✓		
Offroad	TED-170	878 hrs		
roller	Rental			
2 dump trucks	Nunez trucking	5 loads of B mix	124.32	tons,

Owner's Representative

Name: _____
Signature: _____
Date: _____

JCG Representative

Name: _____
Signature: _____
Date: _____

James Construction Group, LLC.
5880 West U.S. HWY. 190
Belton, Texas 76513
Phone: (254) 939-8610
Fax: (254) 939-8611

CR110 Middle Extra Work Form
Job # 10743

Foreman: Andrew Gutierrez
Date: 10-8-2020

Description of Work

Full depth hotmix sta 234+50 to 235+43 (93x23x9")
Traffic Control

LABOR			
NAME	CRAFT/CLASS	HRS	DESCRIPTION OF TASK
Brown, Nicolas	8/T 1405	2	Traffic control - flag
Minton, Stevie	16/T 1606	2	Water truck - cool down Hotmix, Clean up
Cummins, Richard C.	8/T 1306	2	Blade - finish Hot mix
Willess, Mike	8/T 1306	2	Traffic control - cleanup
Copeland, Willie	8/T 1369	2	loader - reset barricades, signs
Walding, Christopher	19/T 1175	2	Traffic control - flag

EQUIPMENT		MATERIALS		
EQUIPMENT TYPE	EQUIPMENT #	MATERIAL DESCRIPTION	QTY	UoM
Blade	6447			
Loader	LW479			
roller	Rental			
Water truck	3-1988			
Nunez trucking	1 dump truck - B-mix			

Owner's Representative

Name: _____
Signature: _____
Date: _____

JCG Representative

Name: _____
Signature: _____
Date: _____

EquipmentWatch.

www.equipmentwatch.com

All prices shown in US dollars ($)

Rental Rate Blue Book®

October 2, 2020

Komatsu PC360LC-3 (disc. 1990)
Crawler Mounted Hydraulic Excavators



Size Class:
33.1 - 40.0 MTons
Weight:
78700 lbs

Configuration for PC360LC-3 (disc. 1990)

Operating Weight	**35.7 mt**	Power Mode	**Diesel**

Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

	Ownership Costs				Estimated Operating Costs	FHWA Rate**
	Monthly	**Weekly**	**Daily**	**Hourly**	**Hourly**	**Hourly**
Published Rates	USD $11,185.00	USD $3,130.00	USD $785.00	USD $120.00	USD $68.07	USD $131.62
Adjustments						
Region (Texas: 90.6%)	(USD $1,051.39)	(USD $294.22)	(USD $73.79)	(USD $11.28)		
Model Year (1990: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	**USD $10,133.61**	**USD $2,835.78**	**USD $711.21**	**USD $108.72**	**USD $68.07**	**USD $125.65**

Non-Active Use Rates	**Hourly**
Standby Rate	USD $29.36
Idling Rate	USD $78.95

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	40%	USD $4,474.00/mo
Overhaul (ownership)	49%	USD $5,480.65/mo
CFC (ownership)	6%	USD $671.10/mo
Indirect (ownership)	5%	USD $559.25/mo
Fuel (operating) @ USD 2.40	31%	USD $21.37/hr

Revised Date: 2nd half 2020

These are the most accurate rates for the selected Revision Date(s). However, due to more frequent online updates, these rates may not match Rental Rate Blue Book Print. Visit the Cost Recovery Product Guide on our Help page for more information.

The equipment represented in this report has been exclusively prepared for ALLISON CANGELOSI (acangelosi@jcgllc.com)

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EquipmentWatch.

www.equipmentwatch.com

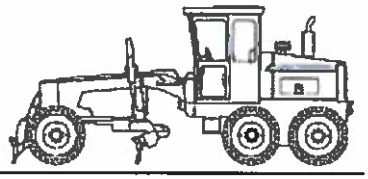
All prices shown in US dollars ($)

Rental Rate Blue Book®

April 13, 2020

Caterpillar 140M AWD (disc. 2014)
Articulated Frame Graders

Size Class:
170 - 199 HP
Weight:
N/A



Configuration for 140M AWD (disc. 2014)

Net Horsepower	**183.0 hp**	Power Mode	**Diesel**

Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

	Ownership Costs				Estimated Operating Costs	FHWA Rate**
	Monthly	**Weekly**	**Daily**	**Hourly**	**Hourly**	**Hourly**
Published Rates	USD $8,215.00	USD $2,300.00	USD $575.00	USD $86.00	USD $42.67	USD $89.35
Adjustments						
Region (Texas: 88.9%)	(USD $911.86)	(USD $255.30)	(USD $63.83)	(USD $9.55)		
Model Year (2014: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	**USD $7,303.13**	**USD $2,044.70**	**USD $511.17**	**USD $76.45**	**USD $42.67**	**USD $84.17**

Non-Active Use Rates

	Hourly
Standby Rate	USD $23.24
Idling Rate	USD $59.42

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	34%	USD $2,793.10/mo
Overhaul (ownership)	45%	USD $3,696.75/mo
CFC (ownership)	11%	USD $903.65/mo
Indirect (ownership)	11%	USD $903.65/mo
Fuel (operating) @ USD 3.07	42%	USD $17.92/hr

Revised Date: 1st half 2020

These are the most accurate rates for the selected Revision Date(s). However, due to more frequent online updates, these rates may not match Rental Rate Blue Book Print. Visit the Cost Recovery Product Guide on our Help page for more information.

The equipment represented in this report has been exclusively prepared for ALLISON CANGELOSI (acangelosi@jcgllc.com)

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EquipmentWatch.

www.equipmentwatch.com

All prices shown in US dollars ($)

Rental Rate Blue Book®

October 13, 2020

Miscellaneous DSL 6X4 4000
On-Highway Water Tankers

Size Class:
200 HP & Over
Weight:
14000 lbs

Configuration for DSL 6X4 4000

Horsepower	**250.0**	Power Mode	**Diesel**
Tank Capacity	**4000.0 gal**		

Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

	Ownership Costs				Estimated Operating Costs	FHWA Rate**
	Monthly	Weekly	Daily	Hourly	Hourly	Hourly
Published Rates	USD $3,875.00	USD $1,085.00	USD $270.00	USD $41.00	USD $30.07	USD $52.09
Adjustments						
Region (Texas: 91.4%)	(USD $333.25)	(USD $93.31)	(USD $23.22)	(USD $3.53)		
Model Year (2020: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	**USD $3,541.75**	**USD $991.69**	**USD $246.78**	**USD $37.47**	**USD $30.07**	**USD $50.19**

Non-Active Use Rates

	Hourly
Standby Rate	USD $13.68
Idling Rate	USD $35.12

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	51%	USD $1,976.25/mo
Overhaul (ownership)	32%	USD $1,240.00/mo
CFC (ownership)	5%	USD $193.75/mo
Indirect (ownership)	12%	USD $465.00/mo
Fuel (operating) @ USD 2.40	50%	USD $15.00/hr

Revised Date: 2nd half 2020

These are the most accurate rates for the selected Revision Date(s). However, due to more frequent online updates, these rates may not match Rental Rate Blue Book Print. Visit the Cost Recovery Product Guide on our Help page for more information.

The equipment represented in this report has been exclusively prepared for ALLISON CANGELOSI (acangelosi@jcgllc.com)

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EquipmentWatch.

www.equipmentwatch.com

All prices shown in US dollars ($)

Rental Rate Blue Book®

April 13, 2020

Caterpillar 938M
4-Wd Articulated Wheel Loaders

Size Class:
175 - 199 HP
Weight:
N/A



Configuration for 938M

Bucket Capacity - Heaped	**6.5 cu yd**	Net Horsepower	**168 hp**
Operator Protection	**ROPS/FOPS**	Power Mode	**Diesel**

Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

	Ownership Costs				Estimated Operating Costs	FHWA Rate**
	Monthly	Weekly	Daily	Hourly	Hourly	Hourly
Published Rates	USD $6,435.00	USD $1,800.00	USD $450.00	USD $68.00	USD $33.48	USD $70.04
Adjustments						
Region (Texas: 88.9%)	(USD $714.28)	(USD $199.80)	(USD $49.95)	(USD $7.55)		
Model Year (2020: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	**USD $5,720.71**	**USD $1,600.20**	**USD $400.05**	**USD $60.45**	**USD $33.48**	**USD $65.98**

Non-Active Use Rates

	Hourly
Standby Rate	USD $20.48
Idling Rate	USD $49.05

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	41%	USD $2,638.35/mo
Overhaul (ownership)	37%	USD $2,380.95/mo
CFC (ownership)	12%	USD $772.20/mo
Indirect (ownership)	10%	USD $643.50/mo
Fuel (operating) @ USD 3.07	49%	USD $16.55/hr

Revised Date: 1st half 2020

These are the most accurate rates for the selected Revision Date(s). However, due to more frequent online updates, these rates may not match Rental Rate Blue Book Print. Visit the Cost Recovery Product Guide on our Help page for more information.

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EquipmentWatch

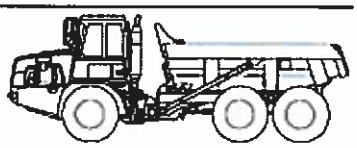
www.equipmentwatch.com

All prices shown in US dollars ($)

Rental Rate Blue Book®

October 14, 2020

Caterpillar 730C (disc. 2016)
Articulated Rear Dumps



Size Class:
30 - 34 MTons
Weight:
N/A

Configuration for 730C (disc. 2016)

Axle Configuration	**6 x 6**	Body Capacity	**17.4 cu yd–23 cu yd cu yd**
Horsepower	**367 hp**	Power Mode	**Diesel**
Rated Payload	**31 mt**		

Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

	Ownership Costs				Estimated Operating Costs	FHWA Rate**
	Monthly	Weekly	Daily	Hourly	Hourly	Hourly
Published Rates	USD $12,335.00	USD $3,455.00	USD $865.00	USD $130.00	USD $57.35	USD $127.44
Adjustments						
Region (Texas: 91.4%)	(USD $1,060.81)	(USD $297.13)	(USD $74.39)	(USD $11.18)		
Model Year (2016: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	**USD $11,274.19**	**USD $3,157.87**	**USD $790.61**	**USD $118.82**	**USD $57.35**	**USD $121.41**

Non-Active Use Rates

	Hourly
Standby Rate	USD $33.31
Idling Rate	USD $81.68

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	39%	USD $4,810.65/mo
Overhaul (ownership)	48%	USD $5,920.80/mo
CFC (ownership)	5%	USD $616.75/mo
Indirect (ownership)	8%	USD $986.80/mo
Fuel (operating) @ USD 2.40	31%	USD $17.62/hr

Revised Date: 2nd half 2020

These are the most accurate rates for the selected Revision Date(s). However, due to more frequent online updates, these rates may not match Rental Rate Blue Book Print. Visit the Cost Recovery Product Guide on our Help page for more information.

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EquipmentWatch.

www.equipmentwatch.com

All prices shown in US dollars ($)

Rental Rate Blue Book®

November 18, 2019

Miscellaneous 4X2 1/2 375 CONV GAS
On-Highway Light Duty Trucks

Size Class:
300 HP & Over
Weight:
HP

Configuration for 4X2 1/2 375 CONV GAS

Axle Configuration	**4X2**	Cab Type	**Conventional**
Horsepower	**375 hp**	Power Mode	**Gasoline**
Ton Rating	**1/2**		

Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

	Ownership Costs				Estimated Operating Costs	FHWA Rate**
	Monthly	**Weekly**	**Daily**	**Hourly**	**Hourly**	**Hourly**
Published Rates	USD $1,025.00	USD $290.00	USD $73.00	USD $11.00	USD $22.24	USD $28.06
Adjustments						
Region (Texas: 91.4%)	(USD $88.15)	(USD $24.94)	(USD $6.28)	(USD $0.95)		
Model Year (2019: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	**USD $936.85**	**USD $265.06**	**USD $66.72**	**USD $10.05**	**USD $22.24**	**USD $27.56**

Non-Active Use Rates

	Hourly
Standby Rate	USD $3.78
Idling Rate	USD $23.20

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	54%	USD $553.50/mo
Overhaul (ownership)	29%	USD $297.25/mo
CFC (ownership)	7%	USD $71.75/mo
Indirect (ownership)	10%	USD $102.50/mo
Fuel (operating) @ USD 2.51	80%	USD $17.88/hr

Revised Date: 2nd half 2019

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United Rentals

BRANCH 19J
1910 WEST PECAN STREET
PFLUGERVILLE TX 78660
512-990-8665
512-990-1944 FAX

RENTAL RETURN INVOICE

186784628-001

Customer #	: 759075
Invoice Date	: 10/12/20
Rental Out	: 10/07/20 03:00 PM
Rental In	: 10/09/20 08:00 AM
UR Job Loc	: COUNTY ROAD 110 & LI
UR Job #	: 23
Customer Job ID	:
P.O. #	: 524597
Requested By	: ALEX KREJCHI
Reserved By	: ROBERT MOLINA
Salesperson	: JARED KARNS

Job Site

ROAD CONSTRUCTION PROJECT
COUNTY ROAD 110 & LINNER LOOP
x:CR 110@LINNER LOOP
ROUND ROCK TX 78665
Office: 972-538-5300 **Cell:** 254-718-4392

JAMES CONSTRUCTION GROUP LLC
PO BOX 90022
BATON ROUGE LA 70879-9022

Invoice Amount: $479.28

Terms: Net 30 Days
Payment options: Contact our credit office 704-916-4144
REMIT TO: UNITED RENTALS (NORTH AMERICA) INC.
FILE 51122
LOS ANGELES CA 90074-1122

RENTAL ITEMS:

Qty	Equipment	Description	Minimum	Day	Week	Month	Amount
1	10632205	ROLLER 1.5 TON DOUBLE DRUM SMOOTH GAS Make: WACKER Model: RD 12A-90 Serial: 24386972 Meter out: 382.50 Meter in: 384.60		58.00	408.00	1749.00	116.00
1	10582316	LIGHT TOWER,6KW Make: MAGNUM PRO Model: MLT3060 Serial: 3001627969 Meter out: 6337.10 Meter in: 6343.80	10.83	10.83	75.81	325.00	21.66
1	10646672	LIGHT TOWER,6KW Make: MAGNUM PRO Model: MLT3060 Serial: 3001890552 Meter out: 4703.60 Meter in: 4710.30	10.83	10.83	75.81	325.00	21.66

Rental Subtotal: 159.32

SALES/MISCELLANEOUS ITEMS:

Qty	Item		Price	Unit of Measure	Extended Amt.
1	TX UNIT PROPERTY TAX	[DRSURTX/MCI]	.333	EACH	.33
2	GAS	[GAS/MCI]	5.000	EACH	10.00
4.50	DIESEL FUEL	[DSL/MCI]	5.000	EACH	22.50
5	DIESEL FUEL	[DSL/MCI]	5.000	EACH	25.00
1	DELIVERY CHARGE		115.000	EACH	115.00
1	PICKUP CHARGE		115.000	EACH	115.00

Sales/Misc Subtotal: 287.83

Agreement Subtotal: 389.65
Fuel: 57.50
Tax: 32.13
Total: 479.28

COMMENTS/NOTES:

CONTACT: ALEX KREJCHI
CELL#: 254-718-4392

ARE YOU OR YOUR EMPLOYEES IN NEED OF OPERATOR CERTIFICATION TRAINING?
CONTACT UNITED ACADEMY TODAY 844-222-2345 OR WWW.UNITEDACADEMY.UR.COM
TRAINING IS NOT AVAILABLE ON CERTAIN EQUIPMENT IN CANADA.

NOTICE: This invoice is subject to the terms and conditions of the Rental and Service Agreement, which are available at https://www.unitedrentals.com/legal/rental-service-terms-US and which are incorporated herein by reference. A COPY OF THE RENTAL AND SERVICE AGREEMENT TERMS ARE AVAILABLE IN PAPER FORM UPON REQUEST.

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United Rentals

BRANCH 19J
1910 WEST PECAN STREET
PFLUGERVILLE TX 78660
512-990-8665
512-990-1944 FAX

RENTAL RETURN INVOICE

186943661-001

Job Site

CR110 PROJECT
CR110 & CR112
x:X@X
ROUND ROCK TX 78665
Office: 225-295-4830 **Cell:** 254-760-8852

Customer #	: 534595
Invoice Date	: 10/16/20
Rental Out	: 10/13/20 09:00 AM
Rental In	: 10/14/20 10:01 AM
UR Job Loc	: CR110 & CR112, ROUND
UR Job #	: 395
Customer Job ID:	
P.O. #	: 525103
Requested By	: ALEX KREJCHI
Reserved By	: BRYAN JONES
Salesperson	: JARED KARNS

JAMES CONST GROUP LLC TX
PO BOX 90022
BATON ROUGE LA 70879-9022

Invoice Amount: $271.98

Terms: Net 30 Days
Payment options: Contact our credit office 704-916-4144
REMIT TO: UNITED RENTALS (NORTH AMERICA), INC.
FILE 51122
LOS ANGELES CA 90074-1122

RENTAL ITEMS:

Qty	Equipment	Description	Minimum	Day	Week	Month	Amount
1	11080165	VIB PLATE MEDIUM 3000-5000# IMPACT Make: WACKER Model: VP 1550AW Serial: 11199022		17.00	122.00	523.00	21.25

Rental Subtotal: 21.25

SALES/MISCELLANEOUS ITEMS:

Qty	Item	Price	Unit of Measure	Extended Amt.
1	DELIVERY CHARGE	115.000	EACH	115.00
1	PICKUP CHARGE	115.000	EACH	115.00

Sales/Misc Subtotal: 230.00

Agreement Subtotal: 251.25
Tax: 20.73
Total: 271.98

COMMENTS/NOTES:

CONTACT: ANDREW GUTIERREZ
CELL#: 254-760-8852

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TW

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You Can Now Access Invoice History and Update Purchase Orders Online
To Sign Up, contact URControlSupport@ur.com

PO Box 2675
Pflugerville, TX 78691

Invoice

Date 10/7/2020

Invoice # 43253

Bill To

James Construction Group, LLC
1760 S. Stemmons Fwy
STE 300
Lewisville, TX 75067

Project

CR 110 Project
From: Texas Materials

Item	Date	Description	Qty	Rate	Amount
Freight	10/7/2020	B MIX R 64-22 - per ton	124.32	7.93	985.86
Hourly	10/7/2020	Extended wait time - per hour: Superdump	2.93	90.00	263.70

PAGES 2, 5 & 6 HAVE BEEN DUPLICATED SO THAT THEY CAN BE WORKED AND ROUTED SEPARATELY. THANK YOU. ML. 10.20

TW

Total $1,249.56

Phone #	E-mail	Terms
737-444-8623	accounting@nuneztruckinginc.com	Net 30

Nunez Trucking, Inc.

P.O. Box 2675
Pflugerville, TX 78691
(512) 246-1966

No. 21072
Date: 10/07/2020

Country Rd 110 And Toscana
Job Address:

Description	Total:
Jones Construction	
Time In - Out	
8:35 PM - 910 PM	
10:17 PM - 11:38 PM	
- WAIT TIME - 1 hr 56 minutes	
= 1.93 hrs	
DRIVER Harold	TRUCK #8085
NUMBER OF LOADS 2	

Signature below constitutes acceptance of above service performed as being satisfactory.

Thank You

Received By: Steven F Nunez

NOT RESPONSIBLE FOR DAMAGES TO PROPERTY WHEN INSTRUCTED BY CONTRACTOR OR OWNER TO LEAVE PUBLIC STREETS.

Nunez Trucking, Inc.

P.O. Box 2675
Pflugerville, TX 78691
(512) 246-1966

No. 23879
Date: 10/7/20

James Construction

Job Address: CR 110 & University (Sienna)

Description	Total:
[redacted] Hot Mix	
Wait Time	
Arrived 10:00 pm	
|	
|	
|	
11:00	
1 HR wait Time	
DRIVER EG	TRUCK #4393
NUMBER OF LOADS	

Signature below constitutes acceptance of above service performed as being satisfactory.

Thank You

Received By: Andrew Dat

NOT RESPONSIBLE FOR DAMAGES TO PROPERTY WHEN INSTRUCTED BY CONTRACTOR OR OWNER TO LEAVE PUBLIC STREETS.

TEXAS MATERIALS

A CRH COMPANY

1320 Arrow Point Dr Suite 600
Cedar Park, TX 78613

Customer No: 241920
Invoice No: 200909094
Inv Date: 10/07/20
Page: Page 1 of 1
Customer PO: 1809-261/ 524598
Customer Job: Williamson Co. CR110

James Construction Group LLC
5880 W US Highway 190
Belton TX 76513-8149

ccarpenter@prim.com
accountspayable@prim.com

Texas Materials
1320 Arrow Point Dr Suite 600
Cedar Park, TX 78613
512-861-7100

Delivered To: Williamson Co. CR110

Date	Ticket#	Product#	Description	QTY	UM	Unit Price	Haul QTY	Haul Rate	Matl Total	Haul Total	Tax	Total
Plant: 04266 Asphalt - Seward												
MATERIAL: B MIX R 64-22												
10/7/20	205575	213005	B MIX R 64-22	23.83	TON	48.00	0.00	0.00	1,143.84	0.00	0.00	1,143.84
10/7/20	205576	213005	B MIX R 64-22	25.99	TON	48.00	0.00	0.00	1,247.52	0.00	0.00	1,247.52
10/7/20	205577	213005	B MIX R 64-22	23.99	TON	48.00	0.00	0.00	1,151.52	0.00	0.00	1,151.52
10/7/20	205578	213005	B MIX R 64-22	24.58	TON	48.00	0.00	0.00	1,179.84	0.00	0.00	1,179.84
10/7/20	205579	213005	B MIX R 64-22	25.93	TON	48.00	0.00	0.00	1,244.64	0.00	0.00	1,244.64
Total :	B MIX R 64-22			**124.32**			**TON**		**5,967.36**	**0.00**	**0.00**	**5,967.36**
Total :	**Material**	B MIX R 64-22		**124.32**					**5,967.36**	**0.00**	**0.00**	**5,967.36**
			Total Invoice:	**124.32**					**5,967.36**	**0.00**	**0.00**	**5,967.36**

You can now access your invoices and make payments through our customer portal. Register now by clicking on https://mytexasmaterialsgroup.com. Please note that the new remit to suite number has been changed to # 307.

Terms: Net 30.

Invoice Amount: **5,967.36**

Amount Paid: _____

Customer Name: James Construction Group LLC
Customer No: 241920
Invoice #: 200909094
Date: 10/7/20
Customer Job: Williamson Co. CR110
Customer PO: 1809-261/ 524598
Due Date: 11/06/20

If you have any questions about your invoice please call 512-861-7100

Remit Payment To: **Texas Materials Group, Inc.**
1320 Arrow Point Dr
Suite 307
Cedar Park, TX 78613

Please provide your email address below if you would like to start receiving your invoices via email

_____

TEXAS MATERIALS
A CRH COMPANY

Thank you for your business!

205575

Date: 10/07/2020 7:56:22 pm

Picked Up

Location: **04266 - Liberty Hill Plant**
Customer: **241920 James Construction Group LLC**
Order: **Q608709 - Williamson Co. CR110**
Vehicle: **8086 - blue gray**
Carrier: **IND - Independent Haul**
Product: **213005 - B MIX R 64-22**

Tax: TX246567 - TX Willian
Pay: Account
Job: Williamson Co. CR110
P.O.: 1809-261/ 524598
Disp.: 40047
Quant.: **23.83 Ton**

	Pounds	Tons
Gross	80000	40.00
Tare	32340	16.17
Net	47660	23.83

Williamson Co. CR110

	Today	Order Totals
Loads:	1	9
Received:	23.83	211.36
		Remaining: 288.64
Dispatch: 1	23.83	

Weighmaster: Seward Plant

Received: _____

This is to certify that the material herein described meets the applicable contract specifications and requirements

CUSTOMER COPY

TEXAS MATERIALS
A CRH COMPANY
Liberty Hill Plant

Thank you for your business!

205576

Date: 10/07/2020 8:00:01 pm

Picked Up

Location: **04266 - Liberty Hill Plant**
Customer: **241920 James Construction Group LLC**
Order: **Q608709 - Williamson Co. CR110**
Vehicle: **4393 - 4393**
Carrier: **IND - Independent Haul**
Product: **213005 - B MIX R 64-22**

Tax: TX246567 - TX Willian
Pay: Account
Job: Williamson Co. CR110
P.O.: 1809-261/ 524598
Disp.: 40047
Quant.: **25.99 Ton**

	Pounds	Tons
Gross	79720	39.86
Tare	27740	13.87
Net	51980	25.99

Williamson Co. CR110

	Today	Order Totals
Loads:	2	10
Received:	49.82	237.35
		Remaining: 262.65
Dispatch: 2	49.82	

Weighmaster: Seward Plant

Received: _____

This is to certify that the material herein described meets the applicable contract specifications and requirements

CUSTOMER COPY

TEXAS MATERIALS
A CRH COMPANY
Liberty Hill Plant

Thank you for your business!

205577

Date: 10/07/2020 9:22:17 pm

Picked Up

Location: **04266 - Liberty Hill Plant**
Customer: **241920 James Construction Group LLC**
Order: **Q608709 - Williamson Co. CR110**
Vehicle: **4393 - 4393**
Carrier: **IND - Independent Haul**
Product: **213005 - B MIX R 64-22**

Tax: TX246567 - TX Willian
Pay: Account
Job: Williamson Co. CR110
P.O.: 1809-261/ 524598
Disp.: 40047
Quant.: **23.99 Ton**

	Pounds	Tons
Gross	75800	37.90
Tare	27820	13.91
Net	47980	23.99

Williamson Co. CR110

	Today	Order Totals
Loads:	3	11
Received:	73.81	261.34
		Remaining: 238.66
Dispatch: 3	73.81	

Weighmaster: Seward Plant

Received: _____

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TEXAS MATERIALS
A CRH COMPANY

Thank you for your business!

205578

Date: 10/07/2020 9:50:12 pm

Picked Up

Location: **04266 - Liberty Hill Plant**
Customer: **241920 James Construction Group LLC**
Order: **Q608709 - Williamson Co. CR110**
Vehicle: **8085 - blue gray**
Carrier: **IND - Independent Haul**
Product: **213005 - B MIX R 64-22**

Tax: TX246567 - TX William
Pay: Account
Job: Williamson Co. CR110
P.O.: 1809-261/ 524598
Disp.: 40047
Quant.: **24.58 Ton**

	Pounds	Tons
Gross	79960	39.98
Tare	30800	15.40
Net	49160	24.58

Williamson Co. CR110

Received: Steven L Mintz

	Today	Order Totals
Loads:	4	12
Received:	98.39	285.92
Remaining:		214.08
Dispatch: 4	98.39	

Weighmaster: Seward Plant

This is to certify that the material herein described meets the applicable contract specifications and requirements.

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TEXAS MATERIALS
A CRH COMPANY

Liberty Hill Plant

Thank you for your business!

205579

Date: 10/07/2020 11:57:02 pm

Picked Up

Location: **04266 - Liberty Hill Plant**
Customer: **241920 James Construction Group LLC**
Order: **Q608709 - Williamson Co. CR110**
Vehicle: **4393 - 4393**
Carrier: **IND - Independent Haul**
Product: **213005 - B MIX R 64-22**

Tax: TX246567 - TX William
Pay: Account
Job: Williamson Co. CR110
P.O.: 1809-261/ 524598
Disp.: 40047
Quant.: **25.93 Ton**

	Pounds	Tons
Gross	79600	39.80
Tare	27740	13.87
Net	51860	25.93

Williamson Co. CR110

Received:

	Today	Order Totals
Loads:	5	13
Received:	124.32	311.85
Remaining:		188.15
Dispatch: 5	124.32	

Weighmaster: Seward Plant

This is to certify that the material herein described meets the applicable contract specifications and requirements.

CUSTOMER COPY

FILENAME: G:\068501503*CR 110\Design\CR110summ01.dgn
PLOTTED: 7/28/2020 4:41:51 PM

TRAFFIC CONTROL SUMMARY

SPEC ITEM #	0400 6006	0401 6001	0402 6001	0403 6001	0460 6002	0464 6005	0502 6001	0508 6001	0512 6009	0512 6010	0512 6033	0512 6034	0512 6045	0512 6057	0512 6058	0662 6004	0662 6034	0662 6057	0662 6059
ITEM DESCRIPTION	CUT & RESTORING PAV	FLOWABLE BACKFILL	TRENCH EXCAVATION PROTECTION	TEMPORARY SPL SHORING	CMP (GAL STL 18 IN)	RC PIPE (CL III) (24 IN)	BARRICADES, SIGNS AND TRAFFIC HANDLING	CONSTRUCTING DETOURS	PORT CTB (FUR & INST) (LOW PROF) (TY 1)	PORT CTB (FUR & INST) (LOW PROF) (TY 2)	PORT CTB (MOVE) (LOW PROF) (TY 1)	PORT CTB (MOVE) (LOW PROF) (TY 2)	PORT CTB (STKPL) (LOW PROF) (TY 1)	PORT CTB (REMOVE) (LOW PROF) (TY 1)	PORT CTB (REMOVE) (LOW PROF) (TY 2)	WK ZN PAV MRK NON-REMOV (W) 4"SLD	WK ZN PAV MRK NON-REMOV (Y) 4"SLD	WK ZN PAV MRK REMOV (TRAF BTN) TY W	WK ZN PAV MRK REMOV (TRAF BTN) TY Y
UNITS	SY	CY	LF	SF	LF	LF	MO	SY	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF
TCP PHASE 1 STEP 1	45	42	35	0	0	0	0	272	0	0	0	0	0	0	0	0	0	4088	3800
TCP PHASE 1 STEP 2	34	31	26	0	0	0	0	12	180	40	0	0	0	0	0	0	0	1480	1480
TCP PHASE 1 STEP 3	35	32	27	0	0	0	0	0	0	0	100	40	80	0	0	0	0	4295	4013
TCP PHASE 2	0	0	0	520	157	92	0	951	260	0	180	40	0	80	0	5000	4280	790	1035
TCP PHASE 3	0	0	0	0	0	0	0	0	0	0	360	40	0	360	40	8231	8231	2345	2065
TOTAL	114	105	88	520	157	92	13	1235	440	40	640	120	80	440	40	13231	12511	12998	12393

TRAFFIC CONTROL SUMMARY CONT.

SPEC ITEM #	0677 6001	0677 6003	0677 6008	0677 6012	6001 6001	6185 6002
ITEM DESCRIPTION	ELIM EXT PAV MRK & MRKS (4")	ELIM EXT PAV MRK & MRKS (8")	ELIM EXT PAV MRK & MRKS (ARROW)	ELIM EXT PAV MRK & MRKS (WORD)	PORTABLE CHANGEABLE MESSAGE SIGN	TMA (STATIONARY)
UNITS	LF	LF	EA	EA	DAY	DAY
TCP PHASE 1 STEP 1	8210	0	0	0		
TCP PHASE 1 STEP 2	2910	128	2	1		
TCP PHASE 1 STEP 3	1260	0	0	0		
TCP PHASE 2	6700	140	1	1		
TCP PHASE 3	1945	170	3	3		
TOTAL	21025	438	6	5	77	179

REMOVAL SUMMARY

SPEC ITEM #	0104 6003	0104 6022	0104 6036	0104 6054	0105 6037	*0106 6002	0496 6004	0496 6005	0496 6006	0496 6007	0496 6008	0542 6001	0544 6003	0550 6003
ITEM DESCRIPTION	REMOVING CONC (RIPRAP)	REMOVING CONC (CURB AND GUTTER)	REMOVING CONC (SIDEWALK OR RAMP)	REMOVING CONCRETE (MOW STRIP)	REMOVING STAB BASE & ASPH PAV (0"-16")	OBLITERATING ABANDONED ROAD	REMOV STR (SET)	REMOV STR (WINGWALL)	REMOV STR (HEADWALL)	REMOV STR (PIPE)	REMOV STR (BOX CULVERT)	REMOVE METAL BEAM GUARD FENCE	GUARDRAIL END TREATMENT (REMOVE)	CHAIN LINK FENCE (REMOVE)
UNITS	SY	LF	SY	LF	SY	SY	EA	EA	EA	LF	LF	LF	EA	LF
REMOVAL PLAN							1			2				
SHEET 1 OF 5	0	288	86	0	448	7423	3	2	2	260	35	0	0	331
SHEET 2 OF 5	49	40	0	0	34	6687	0	0	6	359	0	0	0	0
SHEET 3 OF 5	0	0	0	0	0	5594	0	0	0	0	0	0	0	0
SHEET 4 OF 5	0	0	0	167	0	5693	2	0	0	163	0	100	2	0
SHEET 5 OF 5	0	0	0	0	0	1197	0	0	0	0	0	0	0	0
SHEET 6 OF 6	0	0	0	0	0	0	0	0	0	0	0	255	2	0
TOTAL	49	328	86	167	482	26594	5	2	8	782	35	355	4	331

* FOR CONTRACTORS INFORMATION ONLY

ROADWAY SUMMARY

SPEC ITEM #	0100 6002	0110 6001	0132 6003	0247 6044	0260 6002	0260 6073	0310 6001	0316 6193	0316 6413	0341 6008	0341 6042	0351 6002	0432 6045	0529 6008
ITEM DESCRIPTION	PREPARING ROW	EXCAVATION (ROADWAY)	EMBANKMENT (FINAL) (ORD COMP) (TY B)	FL BS (CMP IN PLC) (TY A GR 4) (FNAL POS)	LIME (HYDRATED LIME (SLURRY))	LIME TRT (SUBGRADE) (8")	PRIME COAT (MULTI OPTION)	AGGR (TY-D GR-5 SAC-B)	ASPH (AC - 15P, HFRS - 2P OR CRS - 2P)	D-GR HMA TY-B PG64-22	D-GR HMA TY-D SAC-B PG70-22	FLEXIBLE PAVEMENT STRUCTURE REPAIR (6")	RIPRAP (MOW STRIP) (4 IN)	CONC CURB & GUTTER (TY II)
UNITS	STA	CY	CY	CY	TON	SY	GAL	CY	GAL	TON	TON	SY	CY	LF
ROADWAY PLAN														
SHEET 1 OF 13	0.7	249	157	156	8	361	69	3	87	77	37	0	0	0
SHEET 2 OF 13	12.0	5977	2018	2807	120	6479	1177	36	1472	1333	650	0	0	620
SHEET 3 OF 13	12.0	5570	190	2695	113	6298	1111	34	1388	1566	621	0	0	1114
SHEET 4 OF 13	12.0	4982	4332	2645	118	6536	1132	35	1415	1950	634	0	40	1106
SHEET 5 OF 13	12.0	12383	3906	2772	116	6412	1110	34	1388	1300	621	0	7	1157
SHEET 6 OF 13	12.0	7595	2486	2768	115	6403	1108	34	1385	1298	619	0	9	1158
SHEET 7 OF 13	12.0	4629	3276	2759	115	6381	1107	34	1384	1258	618	150	0	1134
SHEET 8 OF 13	12.0	1837	9518	3277	137	7609	1348	41	1685	1520	740	390	9	976
SHEET 9 OF 13	12.0	12462	723	2944	123	6802	1226	37	1532	1388	674	0	0	722
SHEET 10 OF 13	12.0	5286	2898	3175	132	7338	1292	39	1615	1457	717	510	0	1107
SHEET 11 OF 13	7.5	1164	2520	2336	98	5452	993	30	1241	1108	545	340	0	390
SHEET 12 OF 13	11.9	1131	61	746	45	1731	295	9	369	319	138	0	16	0
SHEET 13 OF 13	9.3	884	47	583	35	1352	231	7	288	250	107	0	5	0
TOTAL	137.4	64149	32132	29663	1275	69154	12199	373	15249	14824	6721	1390	86	9482

ROADWAY SUMMARY CONT.

SPEC ITEM #	0530 6005	0531 6001	0531 6010	0540 6001	0540 6017	0544 6001	0550 6001	0552 6001	0552 6005	0560 6001
ITEM DESCRIPTION	DRIVEWAYS (ACP)	CONC SIDEWALKS (4")	CURB RAMPS (TY 7)	MTL W-BEAM GD FEN (TIM POST)	MTL BEAM GD FEN (LONG SPAN SYSTEM)	GUARDRAIL END TREATMENT (INSTALL)	CHAIN LINK FENCE (INSTALL) (6')	WIRE FENCE (TY A)	GATE (TY I)	MAILBOX INSTALL-S (TWG-POST) TY 1
UNITS	SY	SY	EA	LF	LF	EA	LF	LF	EA	EA
ROADWAY PLAN										
SHEET 1 OF 13	0	0	0	0	0	0	0	100	0	0
SHEET 2 OF 13	278	22	2	0	0	0	100	2150	1	0
SHEET 3 OF 13	348	10	2	0	0	0	220	390	1	3
SHEET 4 OF 13	80	0	0	675	0	2	0	444	0	0
SHEET 5 OF 13	81	0	0	84	0	1	0	1423	0	1
SHEET 6 OF 13	80	0	0	141	0	1	0	1242	0	0
SHEET 7 OF 13	239	0	0	0	0	0	0	1195	0	0
SHEET 8 OF 13	0	0	0	38.0	50	2	0	1040	0	0
SHEET 9 OF 13	0	0	0	0	0	0	0	1214	0	0
SHEET 10 OF 13	0	0	0	0	0	0	0	1213	0	0
SHEET 11 OF 13	48	0	0	0	0	0	0	741	0	1
SHEET 12 OF 13	0	0	0	275	0	2	0	0	0	0
SHEET 13 OF 13	0	0	0	0	0	0	0	0	0	0
TOTAL	1154	32.0	4.0	1213.0	50	8	320	11152	2	5

1 DITCH AND DRIVEWAY REVISIONS

2 DITCH, RIPRAP, AND DRIVEWAY PIPE REVISIONS

3 PROFILE AND DRIVEWAY REVISIONS

Kimley»Horn F-928

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CR 110 (MIDDLE SECTION)

QUANTITY SUMMARIES

SHEET 1 OF 3

DES: RWL	WILLIAMSON COUNTY JOB NO.	SHEET NO.
CK: TAN		4

FILENAME: G:\068501503*CR 110\Design\CR110summ02.dgn
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SIGNING AND PAVEMENT MARKINGS SUMMARY

SPEC ITEM #	0644 6002	0644 6060	0644 6061	0644 6068	0644 6071	0644 6076	0658 6008	0658 6046	0666 6036	0666 6048	0666 6054	0666 6078	0666 6147	0666 6303	0666 6312	0666 6315	0672 6007	0672 6009
ITEM DESCRIPTION	IN SM RD SN SUP&AM TY10BWG(1) SA(P-BM)	IN SM RD SN SUP&AM TYTWT(1) WS(P)	IN SM RD SN SUP&AM TYTWT(1) WS(T)	RELOCATE SM RD SN SUP&AM TY 10BWG	RELOCATE SM RD SN SUP&AM TY TWT	REMOVE SM RD SN SUP&AM	INSTL DEL ASSM (D-SW)SZ1 (FLX)(GF2)(BI)	INSTL OM ASSM (OM-2X)(WC) GND	REFL PAV MRK TY I (W) 8" (SLD) (100MIL)	REFL PAV MRK TY I (W) 24" (SLD) (100MIL)	REFL PAV MRK TY I (W) (ARROW) (100MIL)	REFL PAV MRK TY I (W) (WORD) (100MIL)	REFL PAV MRK TY I (Y) 24"(SLD) (100MIL)	RE PM W/RET REQ TY I(W)4" (SLD)(100MIL)	RE PM W/RET REQ TY I (Y) 4" (BRK) (100MIL)	RE PM W/RET REQ TY I (Y) 4" (SLD)(100MIL)	REFL PAV MRKR TY I-C	REFL PAV MRKR TY II-A-A
UNITS	EA	EA	EA	EA	EA	EA	EA	EA	LF	LF	EA	EA	LF	LF	LF	LF	EA	EA
SIGNING AND PAVEMENT MARKINGS																		
SHEET 1 OF 5	0	5	0	0	3	1	0	4	284	36	1	1	0	3572	1050	4937	15	165
SHEET 2 OF 5	1	5	2	1	0	4	12	15	0	15	0	0	0	2319	1160	4638	0	116
SHEET 3 OF 5	1	5	0	0	0	0	3	5	0	40	0	0	0	2397	1200	4811	0	120
SHEET 4 OF 5	0	2	3	4	0	11	3	8	1518	104	8	8	0	5387	680	6544	80	187
SHEET 5 OF 5	3	13	1	0	0	2	0	4	1337	298	0	0	90	2892	460	4994	0	117
SHEET 6 OF 6	0	4	2	1	0	3	8	2	1540	75	6	6	0	4300	0	5710	80	280
TOTAL	5	34	8	6	3	21	26	38	4679	568	15	15	90	20867	4550	31634	175	985

(3) (3) (3)

SIGNAL SUMMARY

SPEC ITEM #	0416 6032	0618 6046	0618 6053	0620 6007	0620 6008	0620 6009	0620 6010	0624 6010	0625 6003	0628 6213	0636 6001	0680 6002	0680 6004	0682 6001	0682 6002	0682 6003	0682 6004	0682 6005
ITEM DESCRIPTION	DRILL SHAFT (TRF SIG POLE (36 IN)	CONDT (PVC) (SCH 80) (2")	CONDT (PVC) (SCH 80) (3")	ELEC CONDR (NO. 8) BARE	ELEC CONDR (NO. 8) INSULATED	ELEC CONDR (NO. 6) BARE	ELEC CONDR (NO. 6) INSULATED	GROUND BOX TY D (162922) W/APRON	ZINC-COAT STL WIRE STRAND (3/8")	ELC SRV TY D 120/240 100(NS)AL (E)PS(U)	ALUMINUM SIGNS (TY A)	INSTALL HWY TRF SIG (ISOLATED)	REMOVING TRAF SIGNALS	VEH SIG SEC (12") LED (GRN)	VEH SIG SEC (12") LED (GRN ARW)	VEH SIG SEC (12") LED (YEL)	VEH SIG SEC (12") LED (YEL ARW)	VEH SIG SEC (12") LED (RED)
UNITS	LF	LF	LF	LF	LF	LF	LF	EA	LF	EA	SF	EA	EA	EA	EA	EA	EA	EA
CR110/UNIVERSITY	31	30	15	125	1390				760		26	1	1	8	6	8	6	8
CR110/LIMMER LOOP	61	245	45	160	1900	130	816	1	1024	1		1		8	5	8	9	8
TOTAL	92	275	60	285	3290	130	816	1	1784	1	26	2	1	16	11	16	15	16

(1)

* FOR CONTRACTORS INFORMATION ONLY
SUBSIDIARY TO ITEM 680

SIGNAL SUMMARY CONT.

SPEC ITEM #	0682 6006	0682 6023	0682 6024	0682 6025	0684 6008	0684 6031	0684 6033	0684 6049	0686 6001	0686 6002	0686 6007	0686 6008	0686 6020	6002 6001	6002 6002	6002 6003
ITEM DESCRIPTION	VEH SIG SEC (12") LED (RED ARW)	BACK PLATE (12") (3 SEC)	BACK PLATE (12") (4 SEC)	BACK PLATE (12") (5 SEC)	TRF SIG CBL (TY A) (12 AWG) (3 CONDR)	TRF SIG CBL (TY A) (14 AWG) (5 CONDR)	TRF SIG CBL (TY A) (14 AWG) (7 CONDR)	TRF SIG CBL (TY A) (16 AWG) (3 CONDR)	INS TRF SIG PL AM (S)ILSN ARM(7')	INS TRF SIG PL AM (S)ILSN ARM(9'	INS TRF SIG PL AM (S)STR(TY B)	INS TRF SIG PL AM (S)STR(TY B)LUM	INS TRF SIG PL AM (S) STR(TY D)LUM	VIVDS PROCESSOR SYSTEM	VIVDS CAMERA ASSEMBLY	VIVDS SET-UP SYSTEM
UNITS	EA	EA	EA	EA	LF	LF	LF	LF	EA	EA	EA	EA	EA	EA	EA	EA
CR110/UNIVERSITY	4	10	2		685	720	1005					0	1			1
CR110/LIMMER LOOP		7	4	1	930	1062	1039	1392	2	2	0		4	1	4	1
TOTAL	4	17	6	1	1615	1782	2044	1392	2	2	0	0	5	1	4	2

(2) (1)

SIGNAL SUMMARY CONT.

SPEC ITEM #	6002 6004	6002 6005	6057 6001	6089 6001	6090 6001	6090 6002	CORR 001	CORR 002	CORR 003	CORR 004	CORR 005	CORR 006	CORR 007
ITEM DESCRIPTION	VIVDS CENTRAL CONTROL	VIVDS COMMUNICATION CABLE (COAXIAL)	RADAR ADVANCED DETECTION DEVICE	ETHERNET CABLE AND CONNECTORS	ILSN (LED) (6D)	ILSN (LED) (8D)	BATTERY BACK-UP SYSTEM	HARDENED ETHERNET SWITCH	5.8 GHz WIRELESS ETHERNET RADIO	OPTICOM DETECTOR GTT MODEL 722	OPTICOM PHASE SELECTOR GTT MODEL 764	OPTICOM CARD RACK GTT MODEL 760	OPTICOM CABLE GTT MODEL 138
UNITS	EA	LF	EA	LF	EA	EA	EA	EA	EA	EA	EA	EA	LF
CR110/UNIVERSITY		930	2										335
CR110/LIMMER LOOP	1	1392	2	60	2	2	1	1	1	2	1	1	455
TOTAL	1	2322	4	60	2	2	1	1	1	2	1	1	790

(2)

(1) ADJUSTED SIGNAL FOUNDATION QTY
(2) ADDITIONAL ILSN
(3) DITCH AND DRIVEWAY REVISIONS

Kimley»Horn F-928

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CR 110 (MIDDLE SECTION)

QUANTITY SUMMARIES

SHEET 2 OF 3

DES: ASH	WILLIAMSON COUNTY JOB NO.	SHEET NO.
CK: TAN		5

DRAINAGE SUMMARY

SHEET NO.	0462 6004 CONC BOX CULV (4 FT X 3 FT)	462 6006 CONC BOX CULV (5 FT X 2 FT)	0462 6007 CONC BOX CULV (5 FT X 3 FT)	0462 6010 CONC BOX CULV (6 FT X 3 FT)	0462 6011 CONC BOX CULV (6 FT X 4 FT)	462 6014 CONC BOX CULV (7 FT X 3 FT)	0464 6025 RC PIPE (CL V) (18 IN)	0466 6179 WINGWALL (PW-1) (HW=4FT)	0466 6180 WINGWALL (PW-1) (HW=5FT)	0466 6181 WINGWALL (PW-1) (HW=6FT)	0466 6182 WINGWALL (PW-1) (HW=7FT)
	LF	LF	LF	LF	LF	LF	LF	EA	EA	EA	EA
CULVERT P&P					182				2		
SHEET 1 OF 10				532						1	1
SHEET 2 OF 10										2	
SHEET 3 OF 10	286								1	1	
SHEET 4 OF 10			888					1		1	
SHEET 5 OF 10			292								
SHEET 6 OF 10						243					
SHEET 7 OF 10							206				
SHEET 8 OF 10							95				
SHEET 9 OF 10		194									
SHEET 10 OF 10		84									
DRAINAGE AREA MAP											
SHEET 91							417				
PROJECT TOTAL	286	278	1180	532	182	243	718	1	3	5	1

DRAINAGE SUMMARY (CON.)

SHEET NO.	0467 6174 SET (TY I) (S=5FT) (HW=3FT) (6:1) (P)	0467 6247 SET (TY 1) (S=7FT) (HW=4FT) (6:1) (P)	0467 6359 SET (TY II) (P) (18 IN) (RCP) (4:1)	0467 6362 SET (TY II) (P) (18 IN) (RCP) (6:1)
	EA	EA	EA	EA
CULVERT P&P				
SHEET 2 OF 10				
SHEET 3 OF 10				
SHEET 4 OF 10				
SHEET 5 OF 10				
SHEET 6 OF 10		6		
SHEET 7 OF 10				1
SHEET 8 OF 10				1
SHEET 9 OF 10	1			
SHEET 10 OF 10	1			
DRAINAGE AREA MAP				
SHEET 91			3	7
PROJECT TOTAL	2	6	3	9

EROSION CONTROL SUMMARY

SHEET NO.	0160 WC02 FURNISHING AND PLACING TOPSOIL (4")	0161 WC001 EROSION CONTROL COMPOST (3'')	0162 WC103 MULCH TOPDRESSING (5'')	0164 WC04 SEEDING FOR EROSION CONTROL (TEMP) (COOL) (TY 4)	0164 WC05 SEEDING FOR EROSION CONTROL (PERM) (WARM) (TY 5)	0164 WC10 SEEDING FOR EROSION CONTROL (TEMP) (WARM) (TY 10)	0166 6002* FERTILIZER	0168 WC01 VEGETATIVE WATERING	0169 6001 SOIL RETENTION BLANKETS (CL 1) (TY A)	0432 6001 RIPRAP CONC (4 IN)
	SY			SY	SY	SY	TON	MG	SY	CY
EROSION CONTROL										
SHEET 1 OF 6	7831	1958	1958	3916	7831	3916	0.49	274		339
SHEET 2 OF 6	23655	5914	5914	11828	23655	11828	1.48	828	9809	45
SHEET 3 OF 6	23995	5999	5999	11998	23995	11998	1.50	840	8023	
SHEET 4 OF 6	38077	9519	9519	19039	38077	19039	2.38	1333	10091	
SHEET 5 OF 6	15560	3890	3890	7780	15560	7780	0.97	545	6470	
SHEET 6 OF 6	31220	7805	7805	15610	31220	15610	1.95	1093		
PROJECT TOTAL	140338	35085	35085	70169	140338	70169	8.77	4912	34393	384

EROSION CONTROL SUMMARY (CON.)

SHEET NO.	0432 6016 RIPRAP (STONE TY R) (DRY) (12 IN)	0432 6017 RIPRAP (STONE TY R) (DRY) (18 IN)	0506 6001 ROCK FILTER DAMS (INSTALL) (TY 1)	0506 6011 ROCK FILTER DAMS (REMOVE)	0506 6020 CONST EXIT (INSTALL) (TY 1)	0506 6024 CONST EXIT (REMOVE)	0506 WC105A BIODEG EROSN CONT LOGS (INSTL) (12")	0506 WC105B BIODEG EROSN CONT LOGS (REMOVE)	730 6002 FULL WIDTH MOWING
	CY	CY	LF	LF	SY	SY	LF	LF	AC
EROSION CONTROL					500	500			
SHEET 1 OF 6		187	102	102			120	120	1.62
SHEET 2 OF 6	179	708	317	317			80	80	4.89
SHEET 3 OF 6	94	79	224	224			140	140	4.96
SHEET 4 OF 6	101	205	256	256			100	100	7.87
SHEET 5 OF 6	100		191	191			100	100	3.21
SHEET 5 OF 6									
PROJECT TOTAL	474	1179	1090	1090	500	500	540	540	22.55

1 DITCH REVISIONS

1 MODIFIED DRIVEWAY CULVERTS DW 2-3 & DW 3-5 AND UPDATED RIPRAP

*FOR CONTRACTOR'S INFORMATION ONLY.

CP&Y, INC.
13809 RESEARCH BLVD., STE. 300
AUSTIN, TX 78750
TBPE FIRM REGISTRATION NO. F-1741

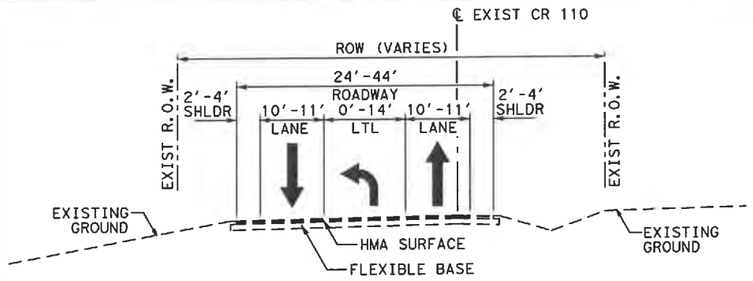
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CR 110 (MIDDLE SECTION)

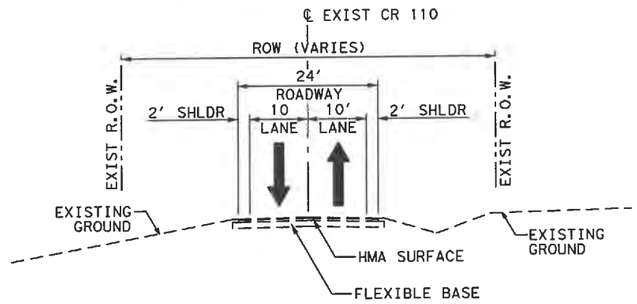
QUANTITY SUMMARIES

DES: MRJ	WILLIAMSON COUNTY JOB NO.	SHEET NO.
CK: JDM		6

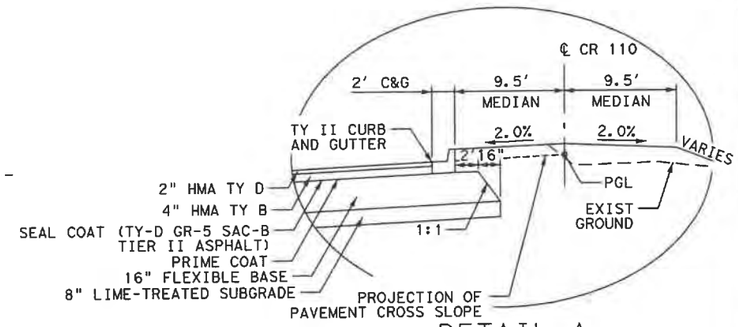
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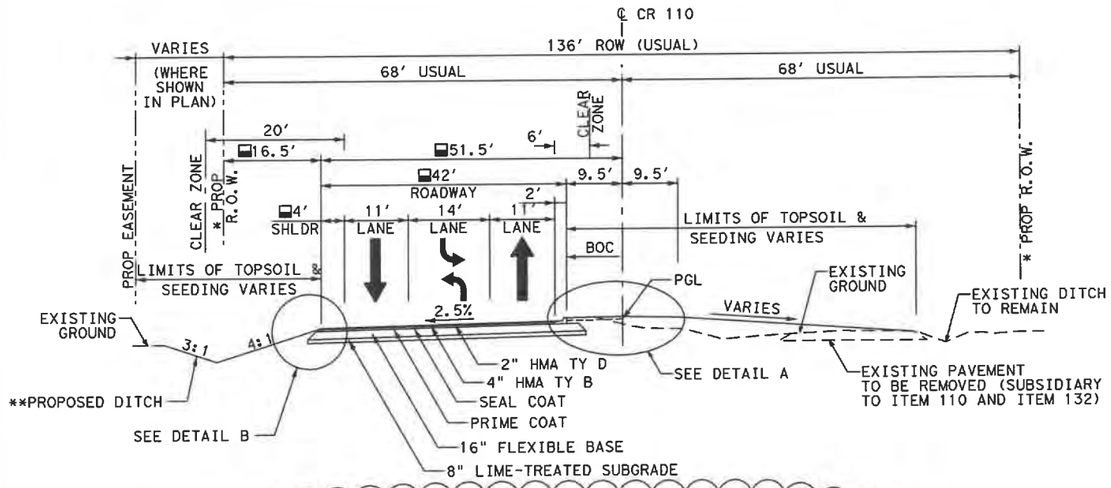
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STA 207+34.71 TO STA 211+42.12



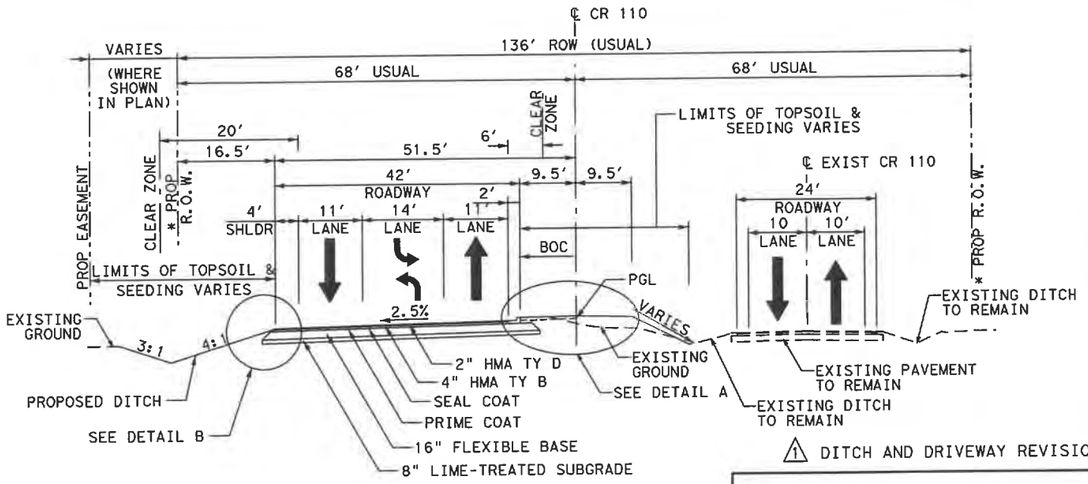
EXISTING CR 110 TYPICAL SECTION
STA 211+42.12 TO STA 323+50
NTS



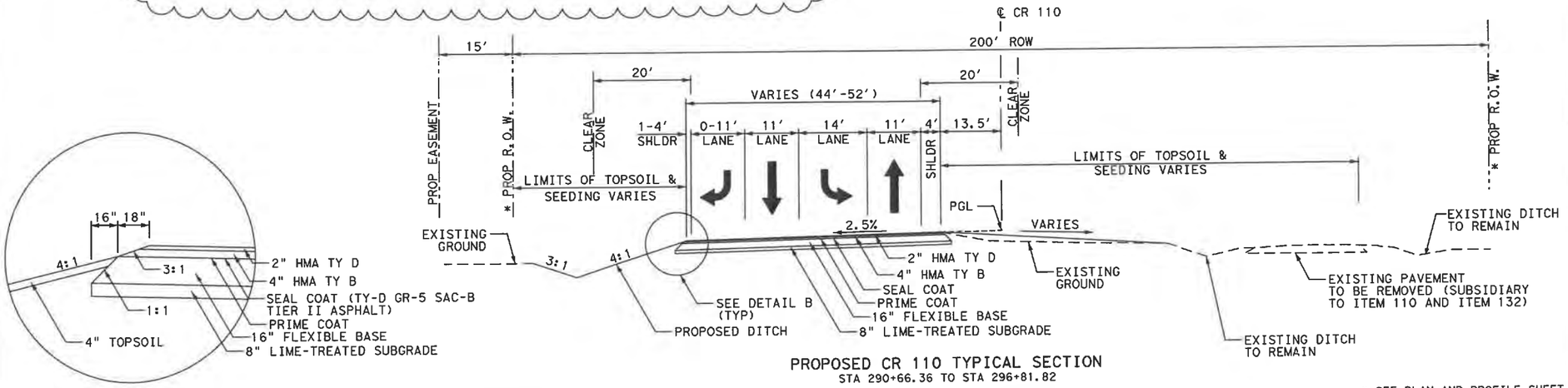
DETAIL A



PROPOSED CR 110 TYPICAL SECTION
STA 214+00.00 TO STA 277+40.00
STA 285+45.00 TO STA 290+66.36
STA 296+81.82 TO STA 305+90.00
USE HMA TY B BASE ADJACENT TO CR 112. REFER TO TRAFFIC CONTROL PLAN PHASE 2 FOR DETAILS
**4" CONCRETE RIPRAP LINED DITCH FROM STA 212+00.00 TO STA 212+70.00
AND FROM STA 216+16.00 TO STA 234+23.59
**8' FLAT BOTTOM DITCH FROM STA 236+36.32 TO STA 256+00.00
▭ ROADWAY AND SHOULDER WIDTH VARIES FROM STA 233+50.06 TO STA 237+63.99. REFER TO PLAN AND PROFILE SHEET 3 OF 10 AND TCP PHASE 2 DETAILS FOR ADDITIONAL INFORMATION.
1



PROPOSED CR 110 TYPICAL SECTION
STA 277+40.00 TO STA 285+45.00
STA 305+90.00 TO STA 317+19.49



PROPOSED CR 110 TYPICAL SECTION
STA 290+66.36 TO STA 296+81.82

DETAIL B

* SEE PLAN AND PROFILE SHEET FOR PROPOSED FENCE LOCATIONS

1 DITCH AND DRIVEWAY REVISIONS



05/26/2020

Kimley»Horn F-928

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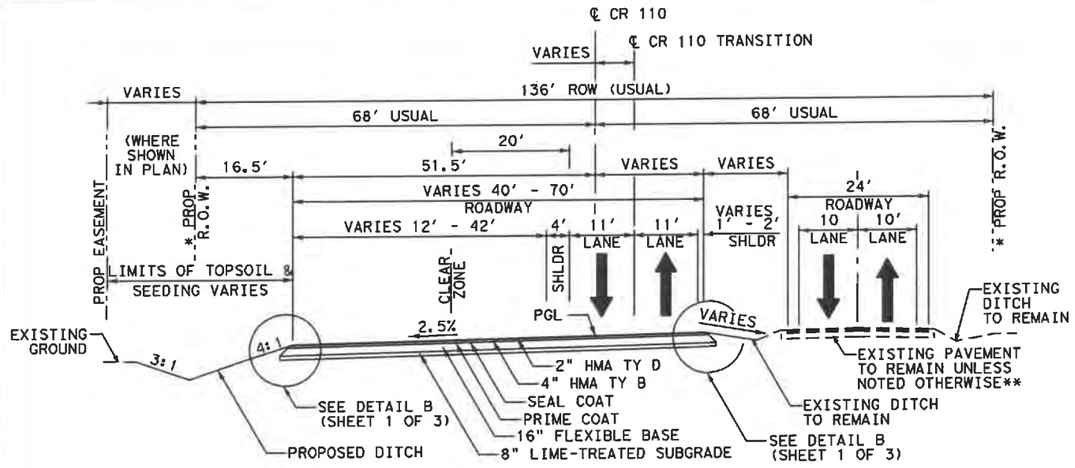
CR 110 (MIDDLE SECTION)

TYPICAL SECTIONS

SHEET 1 OF 3

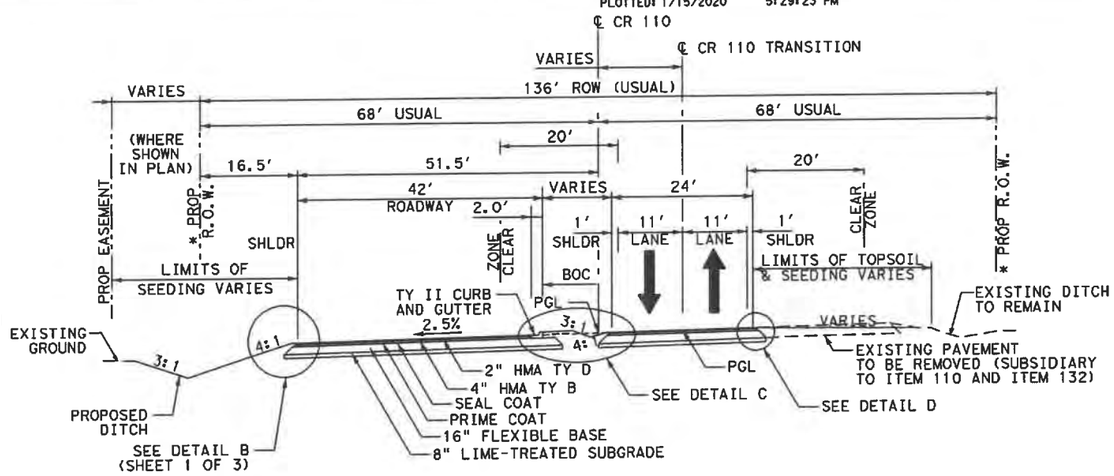
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CK: TAN		1-2

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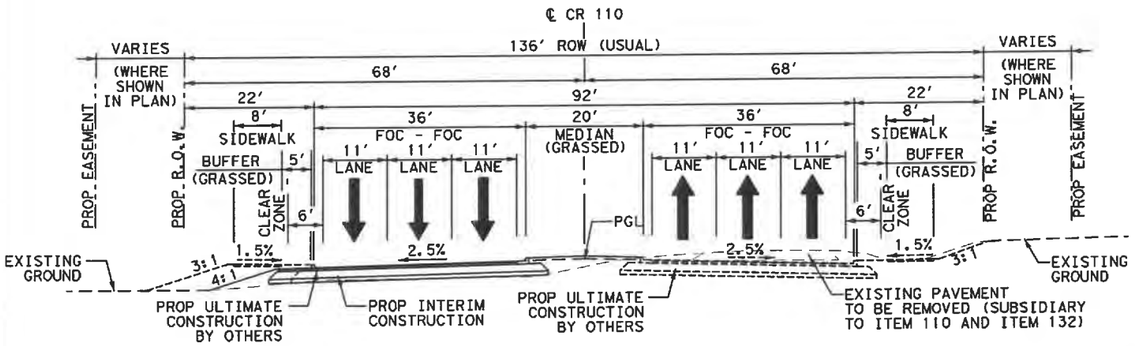
PROPOSED CR 110 TYPICAL SECTION

STA 317+20.00 TO STA 320+83.00
**EXISTING PAVEMENT TO BE REMOVED STA 320+45.00 TO STA 320+83.00
(SUBSIDIARY TO ITEM 110 AND ITEM 132)



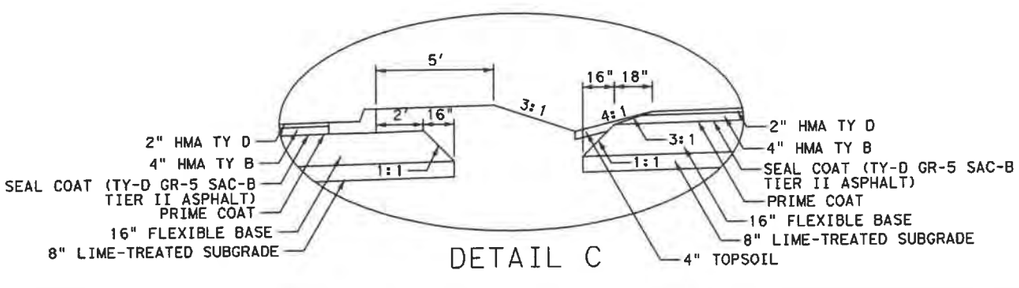
PROPOSED CR 110 TYPICAL SECTION

STA 320+82.87 TO STA 323+50.00



PROPOSED ULTIMATE CR 110 TYPICAL SECTION

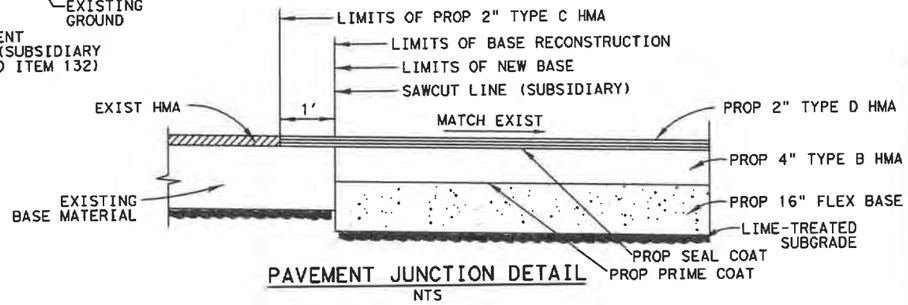
(NTS & CONSTRUCTED BY OTHERS)
WITH INTERIM PAVEMENT SECTION
FOR CONTRACTOR AND REVIEWER INFO ONLY



DETAIL C

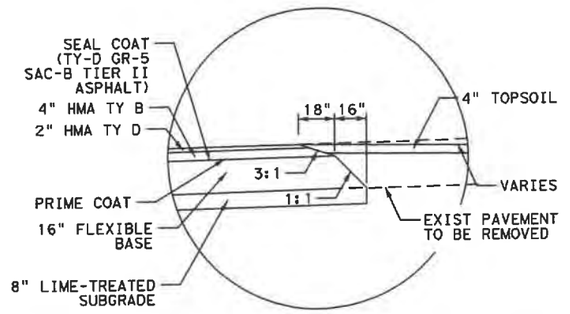
* SEE PLAN AND PROFILE SHEET FOR PROPOSED FENCE LOCATIONS

1 DITCH AND DRIVEWAY REVISIONS

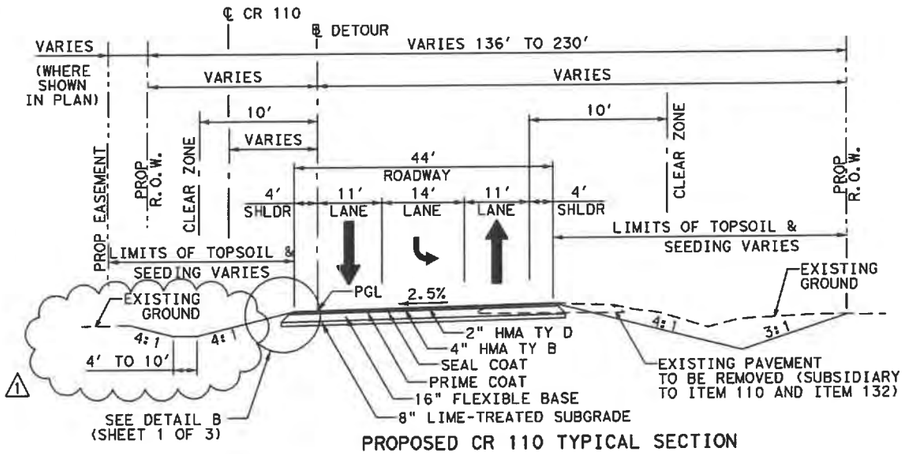


PAVEMENT JUNCTION DETAIL

NTS



DETAIL D



PROPOSED CR 110 TYPICAL SECTION

STA 207+34.71 TO STA 214+00.00
STA 2207+34.71 TO STA 2214+02.98

STATE OF TEXAS
BRIAN C. BOECKER
94886
LICENSED PROFESSIONAL ENGINEER
Brian C. Boecker
1/15/2020

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CR 110 (MIDDLE SECTION)

TYPICAL SECTIONS

SHEET 2 OF 3

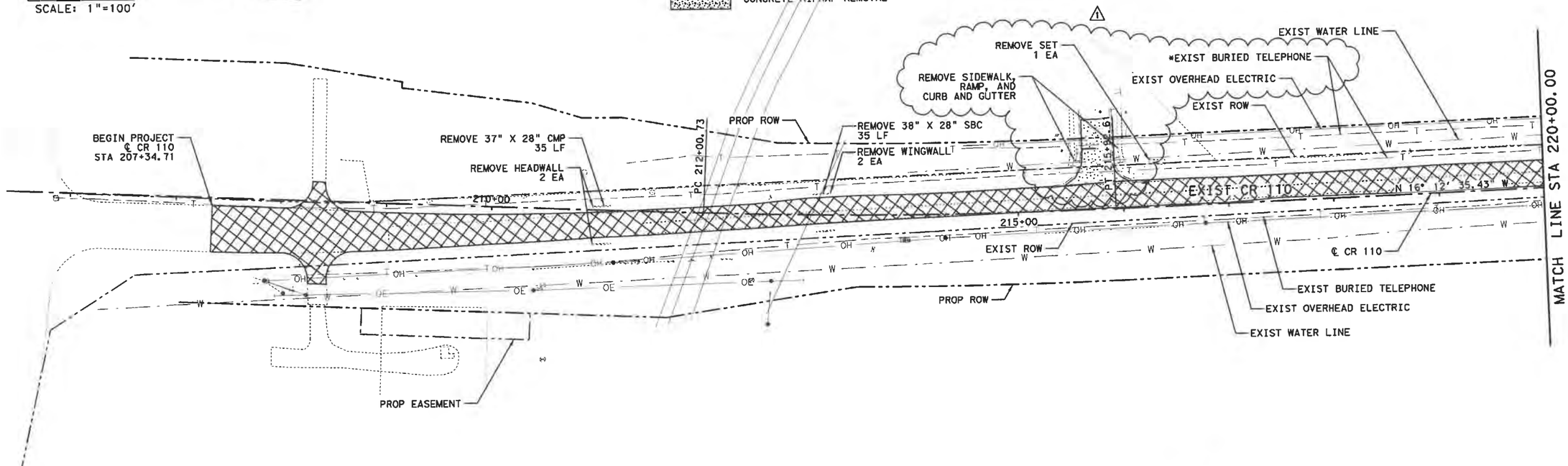
DES: ASH	WILLIAMSON COUNTY JOB NO.	SHEET NO.
CK: TAN		1-3

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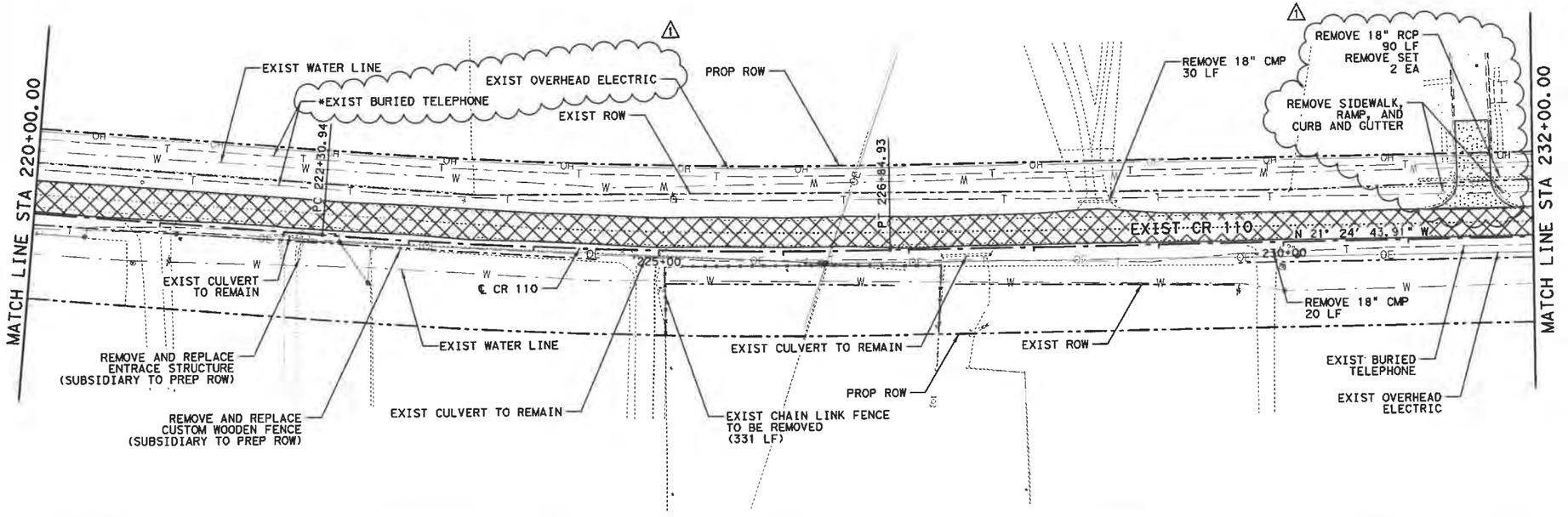
LEGEND

- **OBLITERATE AND ABANDON ROADWAY
- ASPHALT DRIVEWAY REMOVAL
- CONCRETE RIPRAP REMOVAL

0 50 100
SCALE: 1"=100'



0 50 100
SCALE: 1"=100'



*TO BE RELOCATED BY OTHERS
**FOR CONTRACTORS INFORMATION ONLY
1 DITCH AND DRIVEWAY REVISIONS

STATE OF TEXAS
SAMUEL J. LUNDQUIST
122185
LICENSED
PROFESSIONAL ENGINEER

1/15/2020

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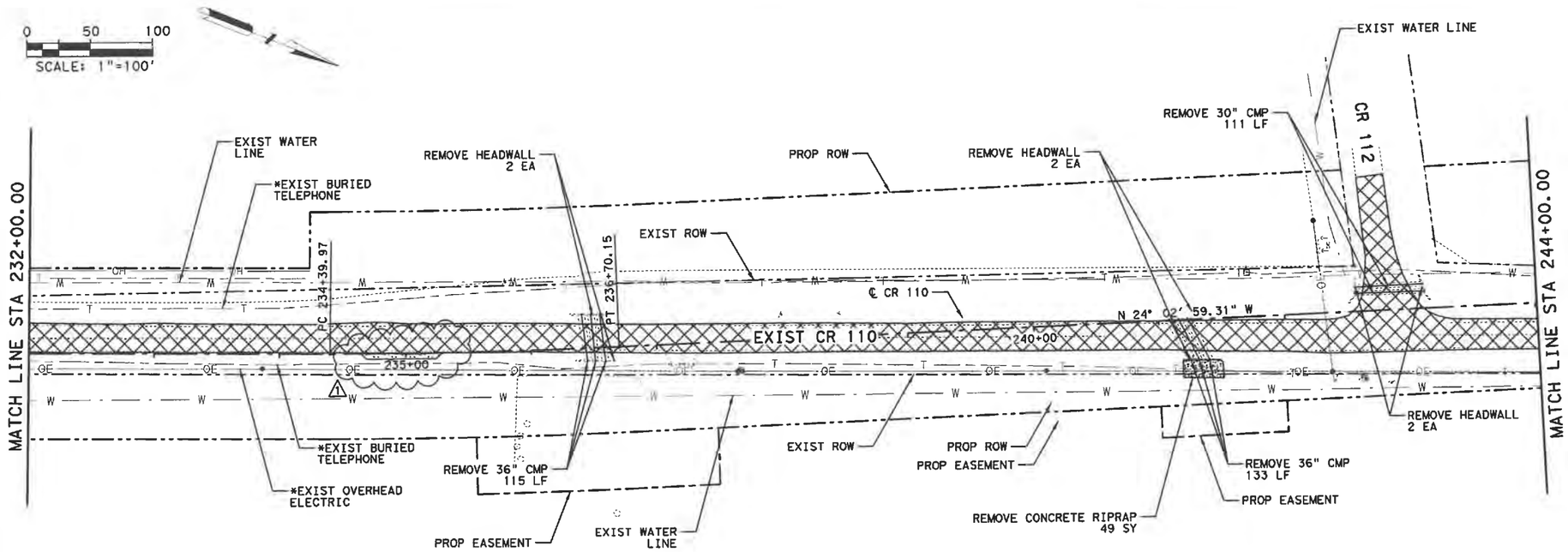
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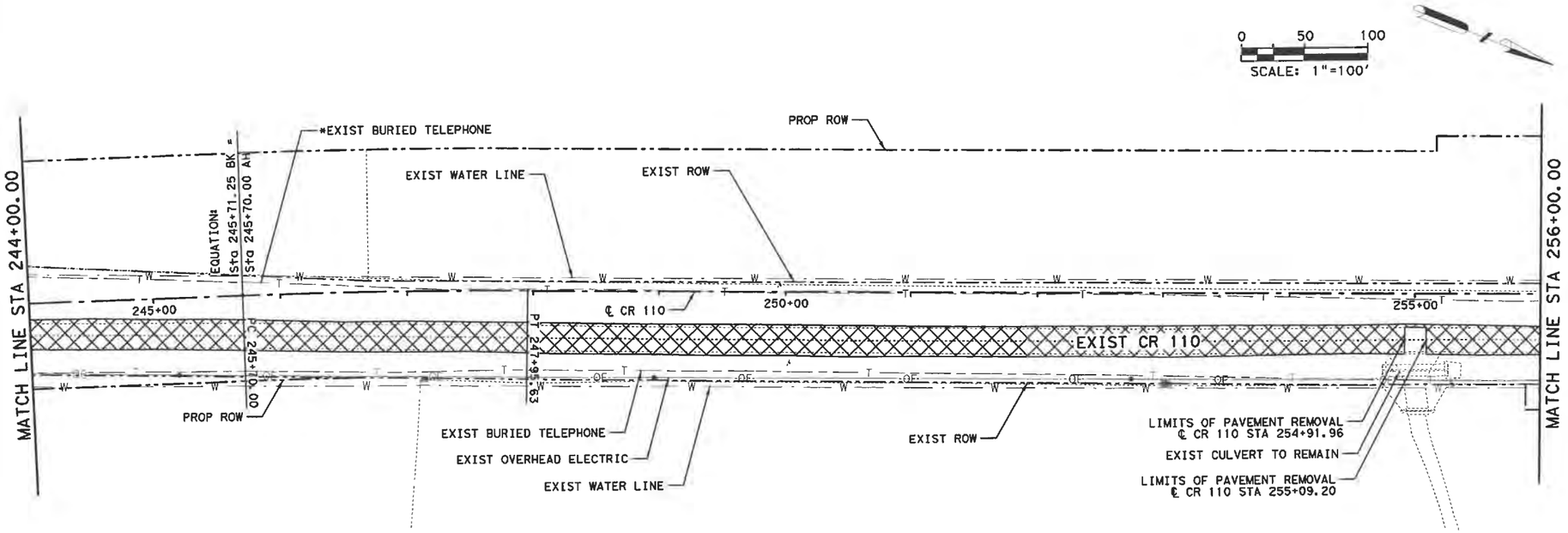
REMOVAL LAYOUT

SHEET 1 OF 6

DES: ASH	WILLIAMSON COUNTY JOB NO.	SHEET NO.
CK: TAN		62

FILENAME: G:\068501503*CR 110\Design\CR110rmv02.dgn
PLOTTED: 1/15/2020 5:29:24 PM





*TO BE RELOCATED BY OTHERS
**FOR CONTRACTORS INFORMATION ONLY
⚠1 DITCH AND DRIVEWAY REVISIONS

STATE OF TEXAS
SAMUEL J. LUNDQUIST
122185
LICENSED PROFESSIONAL ENGINEER

1/15/2020

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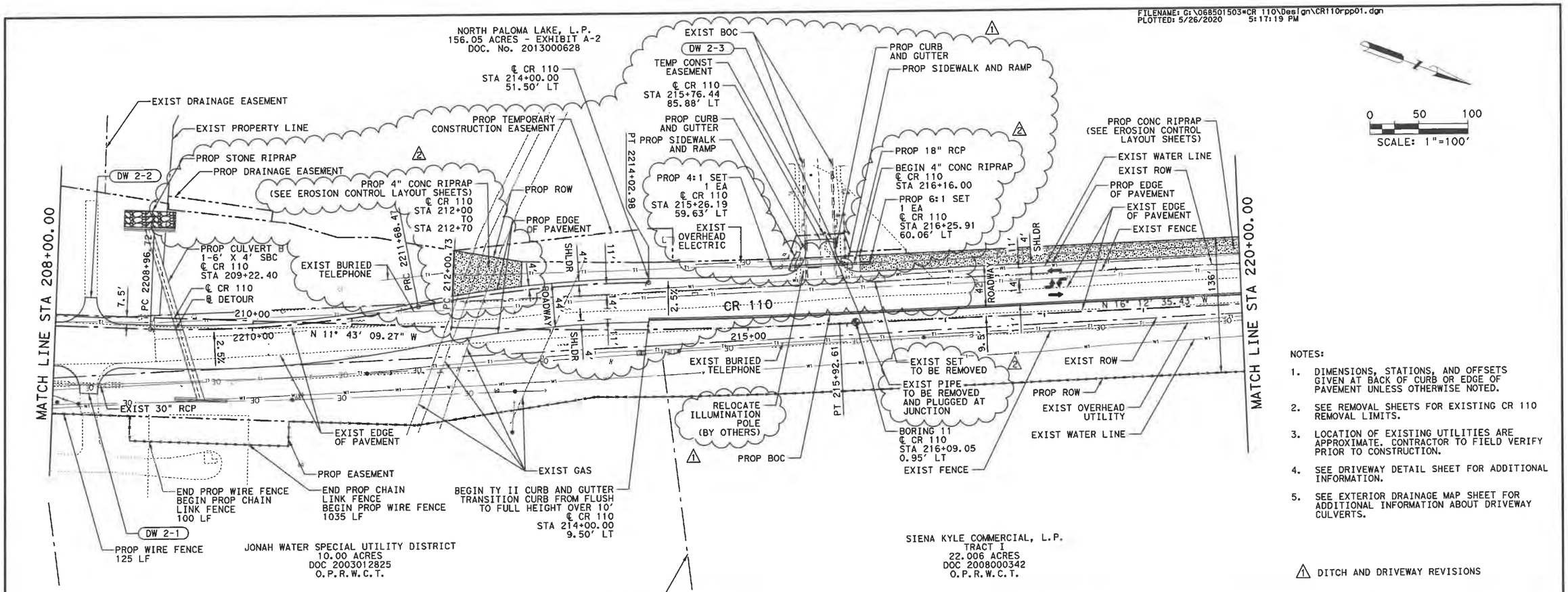
CR 110 (MIDDLE SECTION)

REMOVAL LAYOUT

SHEET 2 OF 6

DES: ASH	WILLIAMSON COUNTY JOB NO.	SHEET NO.
CK: TAN		63

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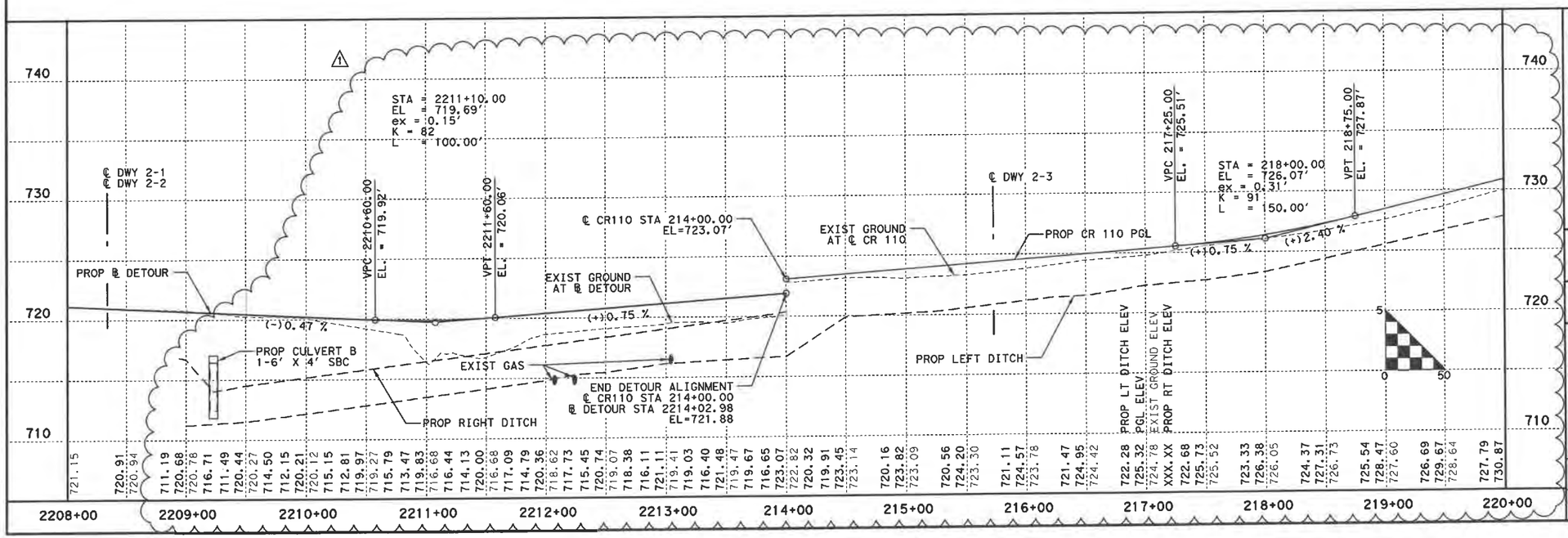


NOTES:

1. DIMENSIONS, STATIONS, AND OFFSETS GIVEN AT BACK OF CURB OR EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
2. SEE REMOVAL SHEETS FOR EXISTING CR 110 REMOVAL LIMITS.
3. LOCATION OF EXISTING UTILITIES ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY PRIOR TO CONSTRUCTION.
4. SEE DRIVEWAY DETAIL SHEET FOR ADDITIONAL INFORMATION.
5. SEE EXTERIOR DRAINAGE MAP SHEET FOR ADDITIONAL INFORMATION ABOUT DRIVEWAY CULVERTS.

⚠1 DITCH AND DRIVEWAY REVISIONS

⚠2 DITCH, RIPRAP, & DRIVEWAY PIPE REVISIONS



05/26/2020

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CR 110 (MIDDLE SECTION)

PLAN AND PROFILE

BEGIN PROJECT TO
CR 110 STA 220+00

SHEET 2 OF 13

DES: RWL	WILLIAMSON COUNTY JOB NO.	SHEET NO.
CK: TAN		67

FILENAME: G:\068501503*CR 110\Design\CR110rpp02.dgn
PLOTTED: 7/28/2020 5:24:36 PM

NORTH PALOMA LAKE, L.P.
156.05 ACRES - EXHIBIT A-2
DOC. No. 2013000628

MATCH LINE STA 220+00.00

RELOCATE MAILBOX
EXIST FENCE
EXIST ROW
PROP ROW
EXIST BURIED TELEPHONE
EXIST EDGE OF PAVEMENT
PROP EDGE OF PAVEMENT
EXIST OVERHEAD ELECTRIC
PC 222+30.94
PT 226+84.93
2.5%
CR 110
N 21° 24' 43.91" W
225+00
230+00
℄ CR 110
PROP BOC
EXIST BURIED TELEPHONE
RELOCATE MAILBOX
EXIST EDGE OF PAVEMENT
RELOCATE MAILBOX
EXIST GATE
BEGIN PROP WIRE FENCE 87 LF
DW 3-1
DW 3-2
DW 3-3
DW 3-4
REMOVE AND REPLACE ENTRACE STRUCTURE (SUBSIDIARY TO PREP ROW)
END PROP WIRE FENCE
PROP WIRE FENCE 78 LF
END PROP WIRE FENCE
END PROP WOODEN FENCE
PROP GATE (TY 1)
BEGIN PROP WOODEN FENCE 265 LF
EXIST PROPERTY LINE
BEGIN PROP CHAIN LINK FENCE 220 LF ℄ CR 110 STA 225+07.51, 68.00' RT
EXIST OVERHEAD ELECTRIC
BEGIN PROP WIRE FENCE 225 LF
END PROP CHAIN LINK FENCE ℄ CR 110 STA 227+22.85, 68.00' RT
BORING 12 ℄ CR 110 STA 229+52.34 5.36' RT
END PROP WIRE FENCE
EXIST WATER LINE
PROP ROW
EXIST ROW
PROP 2-18" RCP
ROADWAY 136'
42'
14'
11'
9.5'
4' SHDLR
11'
30'

SIENA KYLE COMMERCIAL, L.P.
TRACT I
22.006 ACRES
DOC 2008000342
O.P.R.W.C.T.

TERRY & TAMMY HOLMSTROM
0.999 ACRES
VOL. 842, PG. 713
D.R.W.C.T.

TERRY & TAMMY HOLMSTROM
0.50 ACRES
VOL. 1193, PG. 37
O.R.W.C.T.

EXIST PROPERTY LINE

MUSTANG SELF STORAGE, LLC
10.595 ACRES
DOC 2012082303
O.P.R.W.C.T.

EXIST PROPERTY LINE

EASY KYLE PARTNERS, LP
105.031 ACRES
DOC 2006037326
O.P.R.W.C.T.

MATCH LINE STA 232+00.00

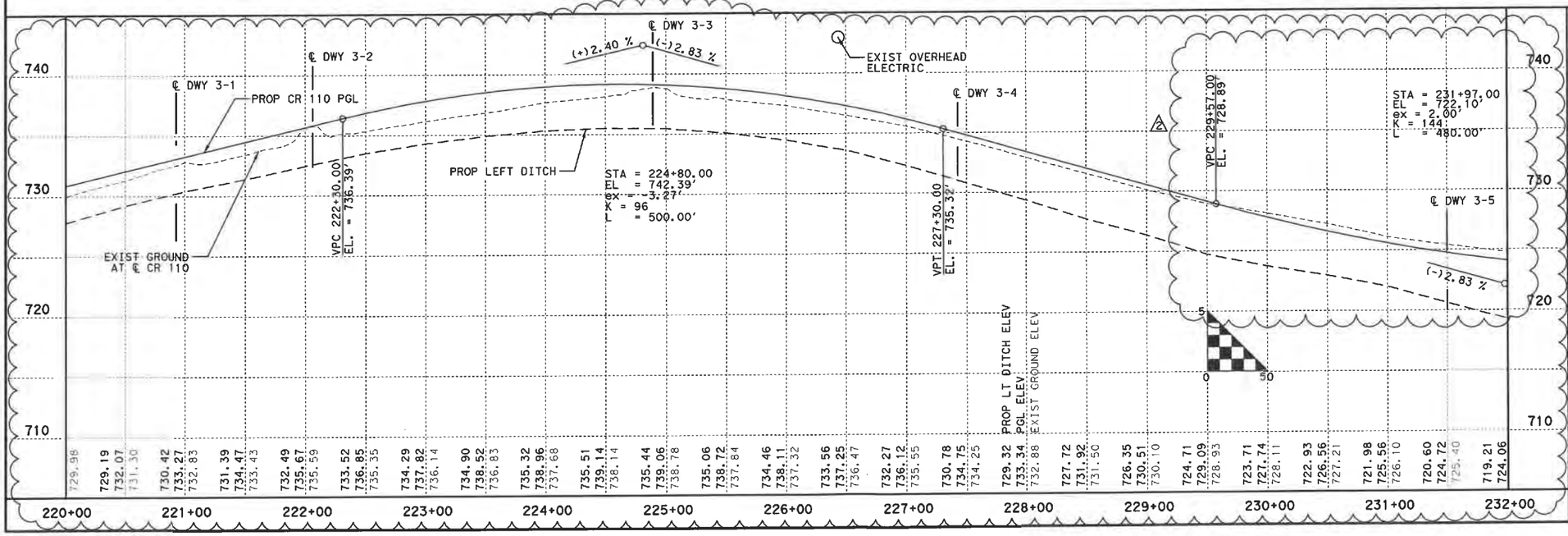
℄ CR 110
STA 231+52.56
78.00' LT
EXIST BOC
TEMP CONST EASEMENT
PROP CURB AND GUTTER
RELOCATE ILLUMINATION POLE (BY OTHERS)
PROP SIDEWALK AND RAMP
PROP 6:1 SET
2 EA
℄ CR 110
STA 231+08.93
62.23' LT
BEGIN PROP CURB AND GUTTER WITH 10' TRANS ℄ CR 110
STA 231+00.00
EXIST FENCE
EXIST WATER LINE
EXIST MAILBOX TO BE REMOVED
DW 3-5
EXIST BOC
PROP CURB AND CUTTER
PROP SIDEWALK AND RAMP

0 50 100
SCALE: 1"=100'

NOTES:

1. DIMENSIONS, STATIONS, AND OFFSETS GIVEN AT BACK OF CURB OR EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
2. SEE REMOVAL SHEETS FOR EXISTING CR 110 REMOVAL LIMITS.
3. LOCATION OF EXISTING UTILITIES ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY PRIOR TO CONSTRUCTION.
4. SEE DRIVEWAY DETAIL SHEET FOR ADDITIONAL INFORMATION.
5. SEE EXTERIOR DRAINAGE MAP SHEET FOR ADDITIONAL INFORMATION ABOUT DRIVEWAY CULVERTS.
6. WOODEN FENCE FROM DRIVEWAY 2-2 TO DRIVEWAY 2-3 IS TO MATCH HOMEOWNER'S EXISTING FENCE. WOODEN FENCE AND ENTRANCE STRUCTURE TO BE SUBSIDIARY TO PREP ROW.

1 DITCH AND DRIVEWAY REVISIONS
2 PROFILE AND DRIVEWAY REVISIONS



STATE OF TEXAS
TREY NEAL
106194
LICENSED PROFESSIONAL ENGINEER

07/28/2020

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CR 110 (MIDDLE SECTION)

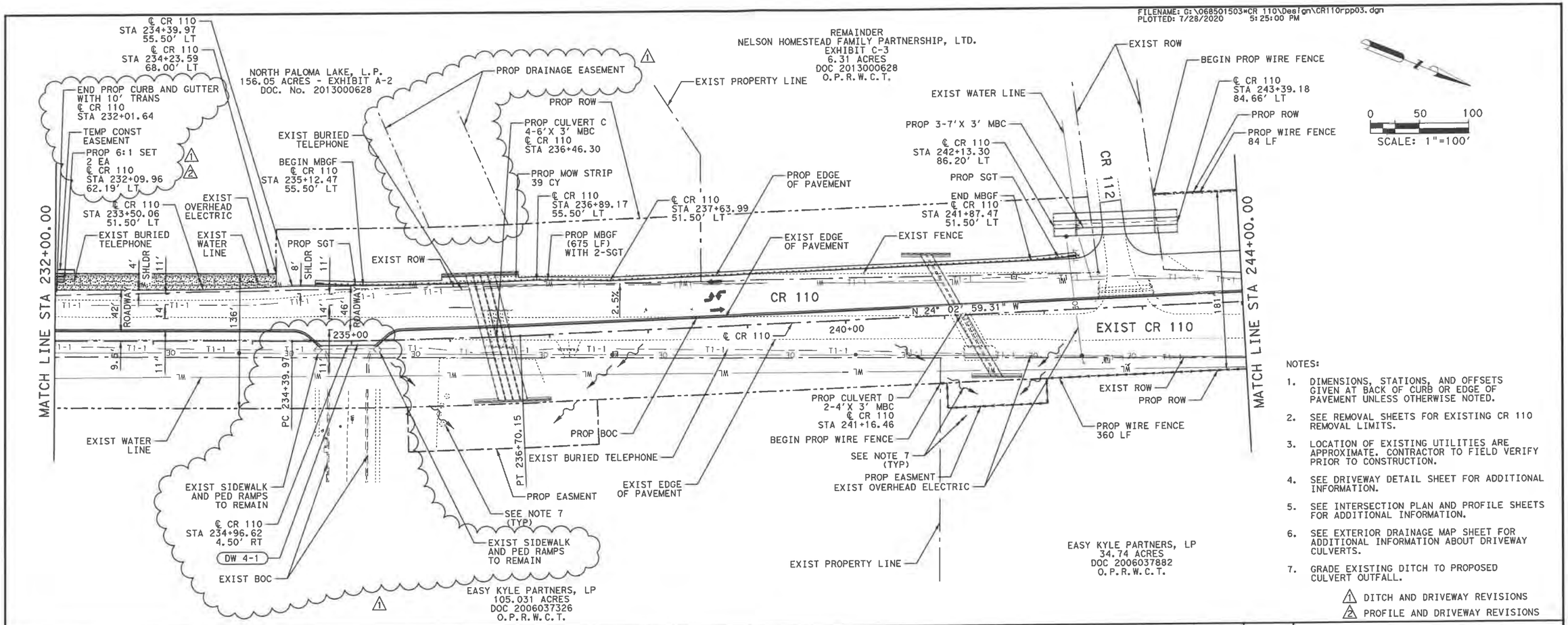
PLAN AND PROFILE

CR 110 STA 220+00 TO
CR 110 STA 232+00

SHEET 3 OF 13

DES: RWL	WILLIAMSON COUNTY JOB NO.	SHEET NO.
CK: TAN		68

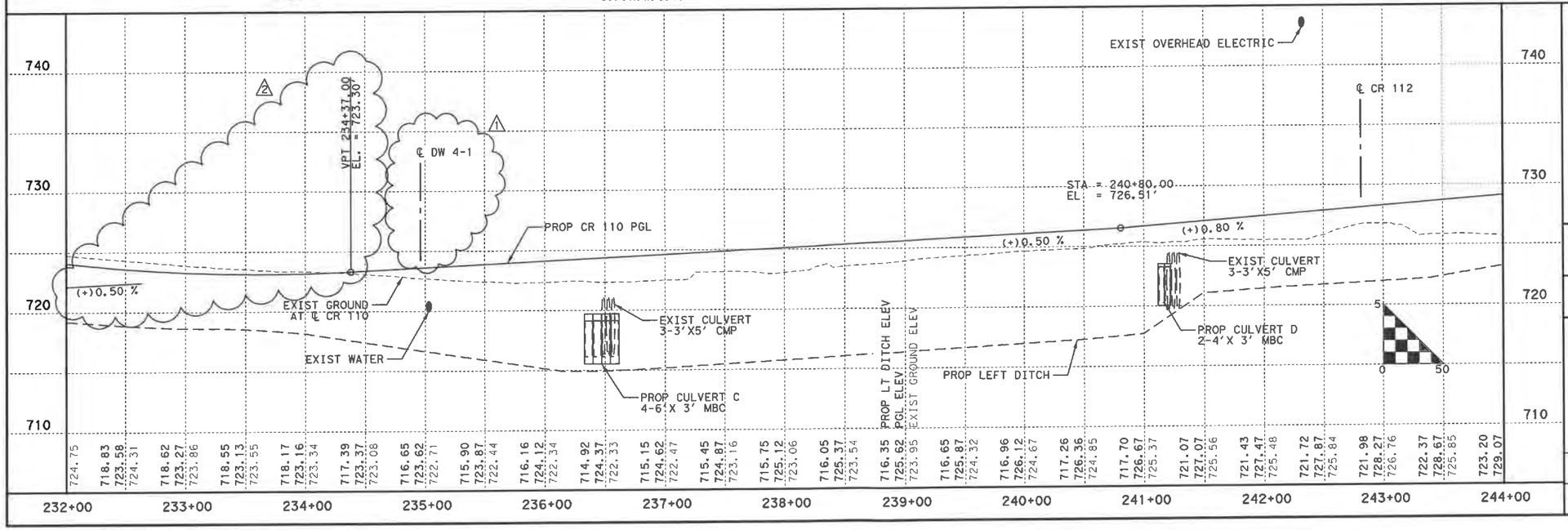
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NOTES:

1. DIMENSIONS, STATIONS, AND OFFSETS GIVEN AT BACK OF CURB OR EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
2. SEE REMOVAL SHEETS FOR EXISTING CR 110 REMOVAL LIMITS.
3. LOCATION OF EXISTING UTILITIES ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY PRIOR TO CONSTRUCTION.
4. SEE DRIVEWAY DETAIL SHEET FOR ADDITIONAL INFORMATION.
5. SEE INTERSECTION PLAN AND PROFILE SHEETS FOR ADDITIONAL INFORMATION.
6. SEE EXTERIOR DRAINAGE MAP SHEET FOR ADDITIONAL INFORMATION ABOUT DRIVEWAY CULVERTS.
7. GRADE EXISTING DITCH TO PROPOSED CULVERT OUTFALL.

1 DITCH AND DRIVEWAY REVISIONS
2 PROFILE AND DRIVEWAY REVISIONS



07/28/2020

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CR 110 (MIDDLE SECTION)

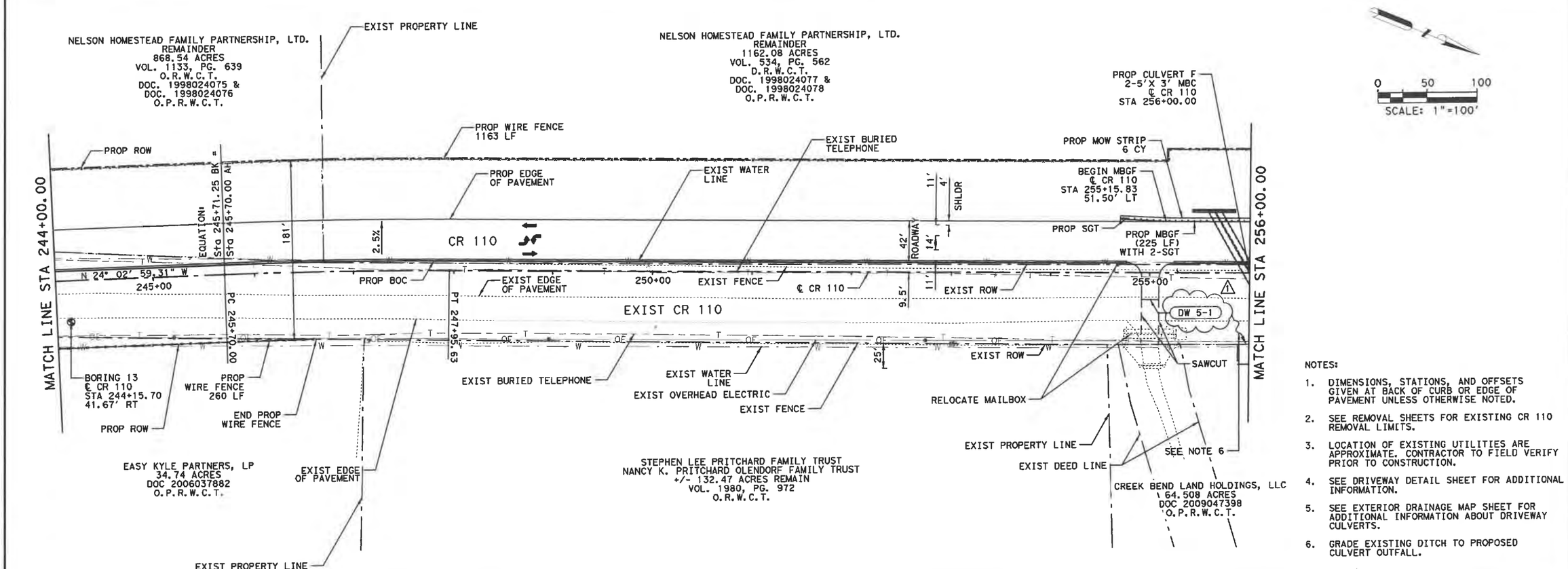
PLAN AND PROFILE

CR 110 STA 232+00 TO
CR 110 STA 244+00

SHEET 4 OF 13

DES: RWL	WILLIAMSON COUNTY JOB NO.	SHEET NO.
CK: TAN		69

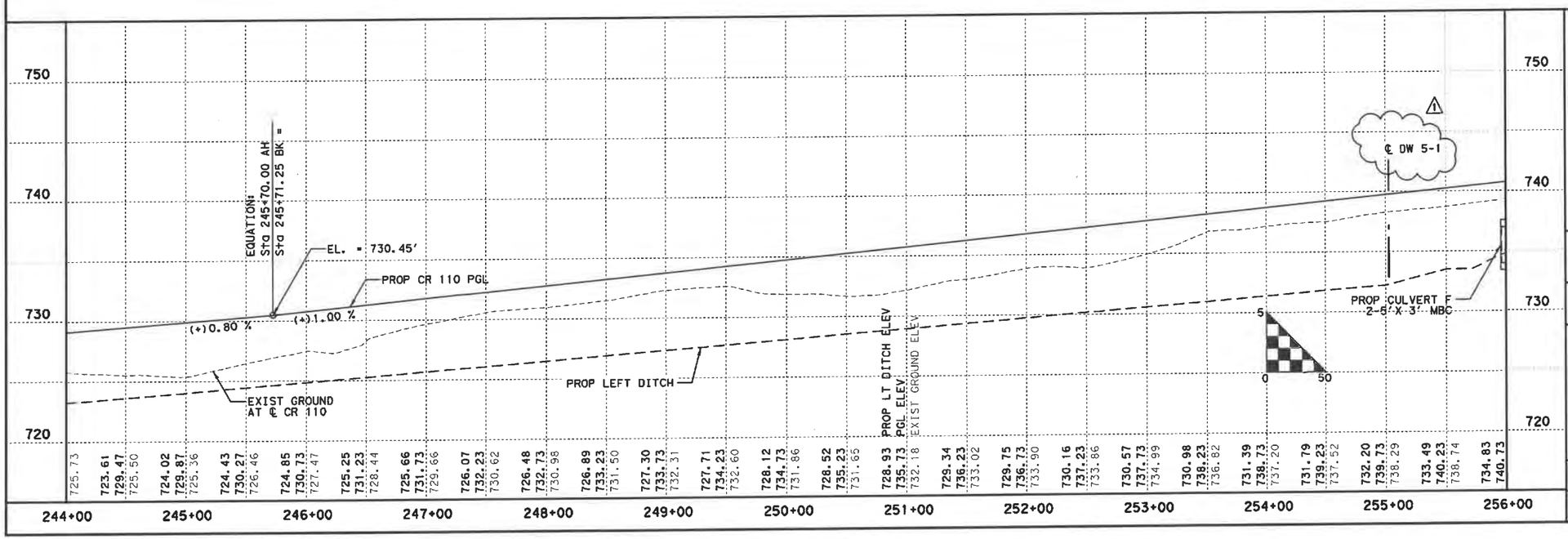
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NOTES:

1. DIMENSIONS, STATIONS, AND OFFSETS GIVEN AT BACK OF CURB OR EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
2. SEE REMOVAL SHEETS FOR EXISTING CR 110 REMOVAL LIMITS.
3. LOCATION OF EXISTING UTILITIES ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY PRIOR TO CONSTRUCTION.
4. SEE DRIVEWAY DETAIL SHEET FOR ADDITIONAL INFORMATION.
5. SEE EXTERIOR DRAINAGE MAP SHEET FOR ADDITIONAL INFORMATION ABOUT DRIVEWAY CULVERTS.
6. GRADE EXISTING DITCH TO PROPOSED CULVERT OUTFALL.

⚠ DITCH AND DRIVEWAY REVISIONS



STATE OF TEXAS
TREY NEAL
106194
LICENSED
PROFESSIONAL ENGINEER
1/15/2020
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CR 110 (MIDDLE SECTION)

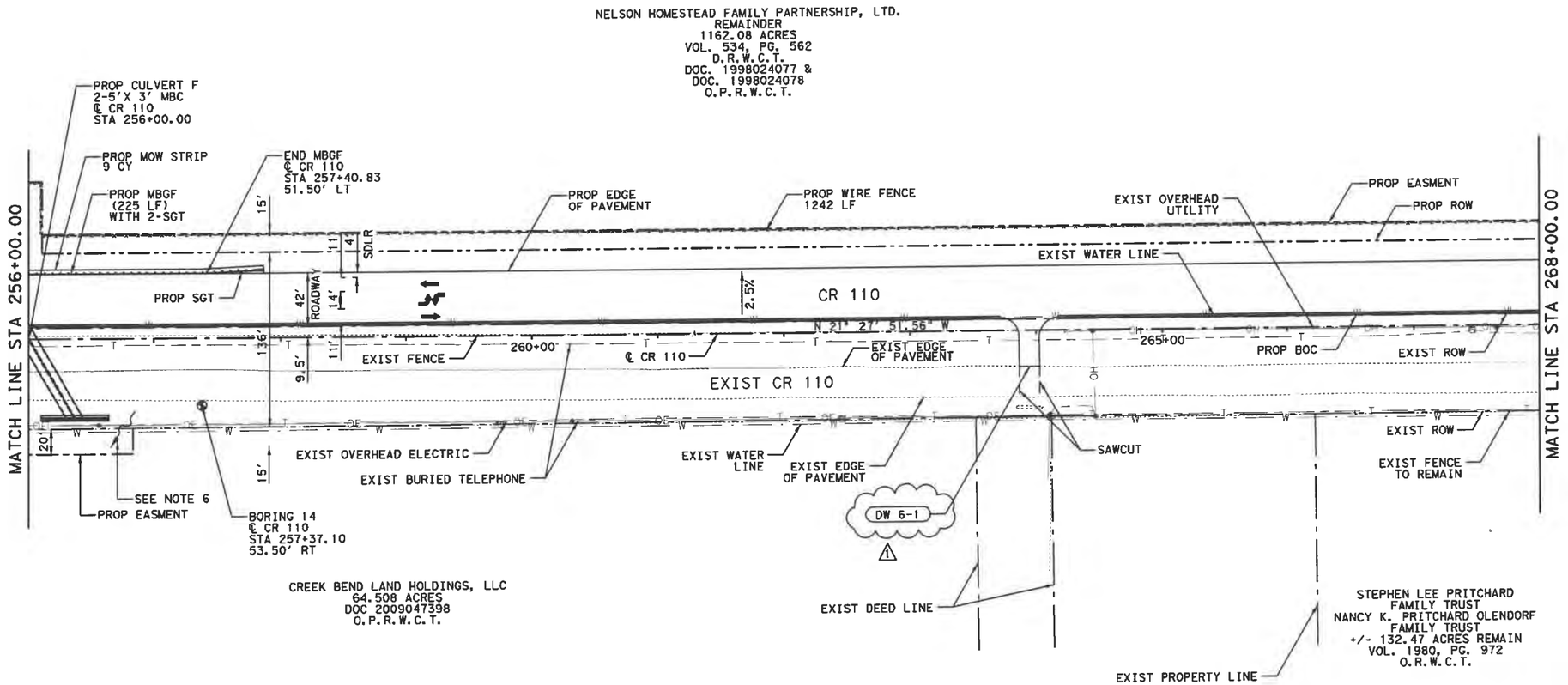
PLAN AND PROFILE

CR 110 STA 244+00 TO
CR 110 STA 256+00

SHEET 5 OF 13

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CK: TAN		7.0

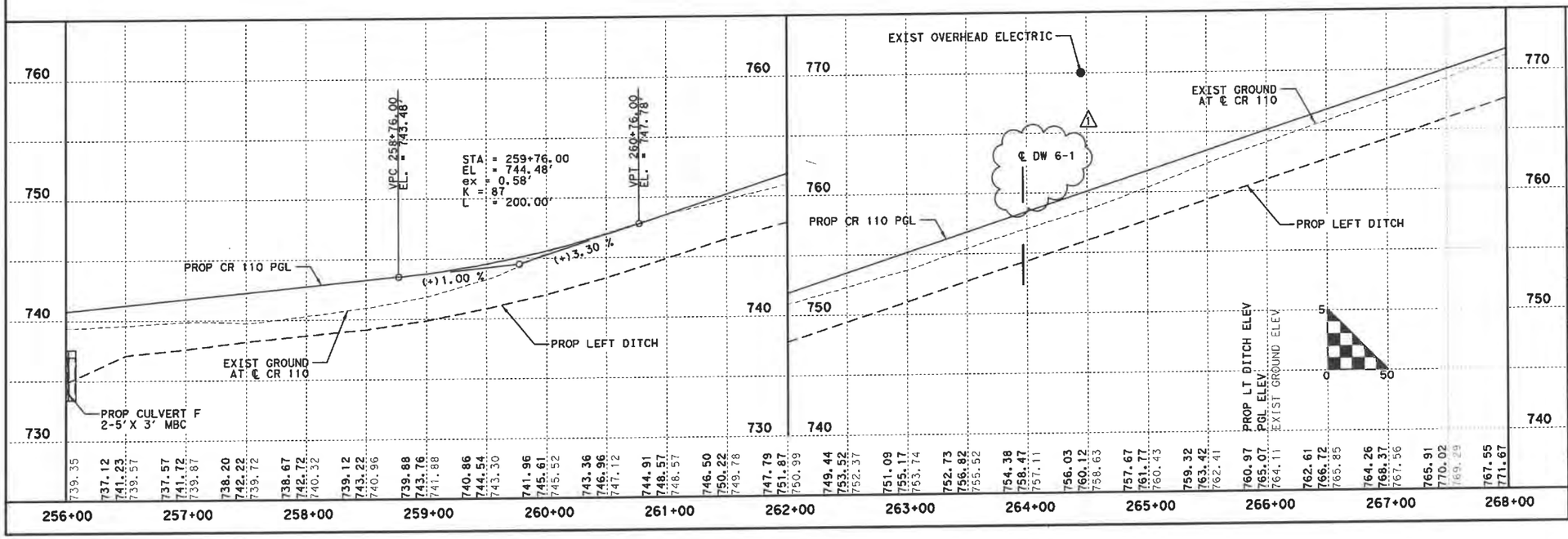
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NOTES:

1. DIMENSIONS, STATIONS, AND OFFSETS GIVEN AT BACK OF CURB OR EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
2. SEE REMOVAL SHEETS FOR EXISTING CR 110 REMOVAL LIMITS.
3. LOCATION OF EXISTING UTILITIES ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY PRIOR TO CONSTRUCTION.
4. SEE DRIVEWAY DETAIL SHEET FOR ADDITIONAL INFORMATION.
5. SEE EXTERIOR DRAINAGE MAP SHEET FOR ADDITIONAL INFORMATION ABOUT DRIVEWAY CULVERTS.
6. GRADE EXISTING DITCH TO PROPOSED CULVERT OUTFALL.

⚠1 DITCH AND DRIVEWAY REVISIONS



STATE OF TEXAS
TREY NEAL
106194
LICENSED PROFESSIONAL ENGINEER
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CR 110 (MIDDLE SECTION)

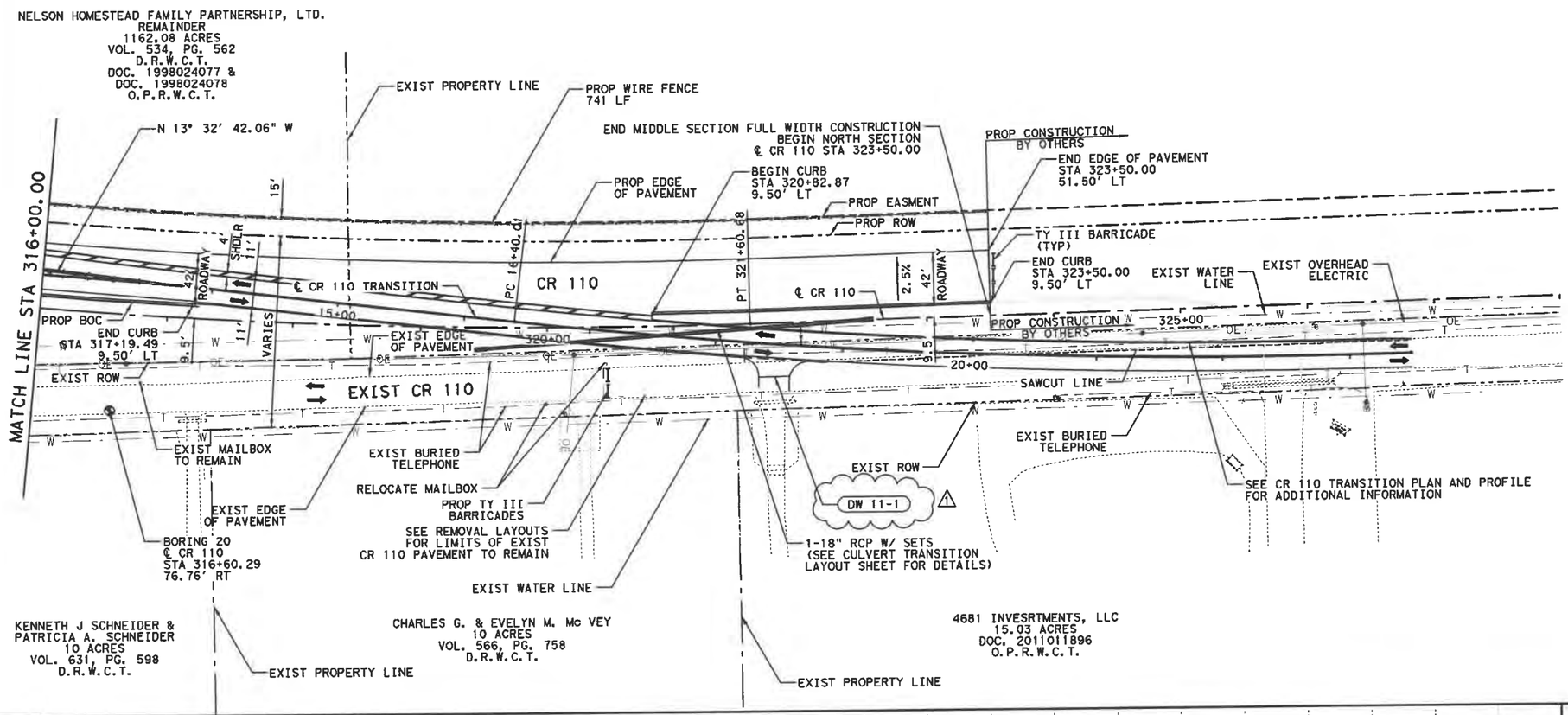
PLAN AND PROFILE

CR 110 STA 256+00 TO
CR 110 STA 268+00

SHEET 6 OF 10

DES: ASH	WILLIAMSON COUNTY JOB NO.	SHEET NO.
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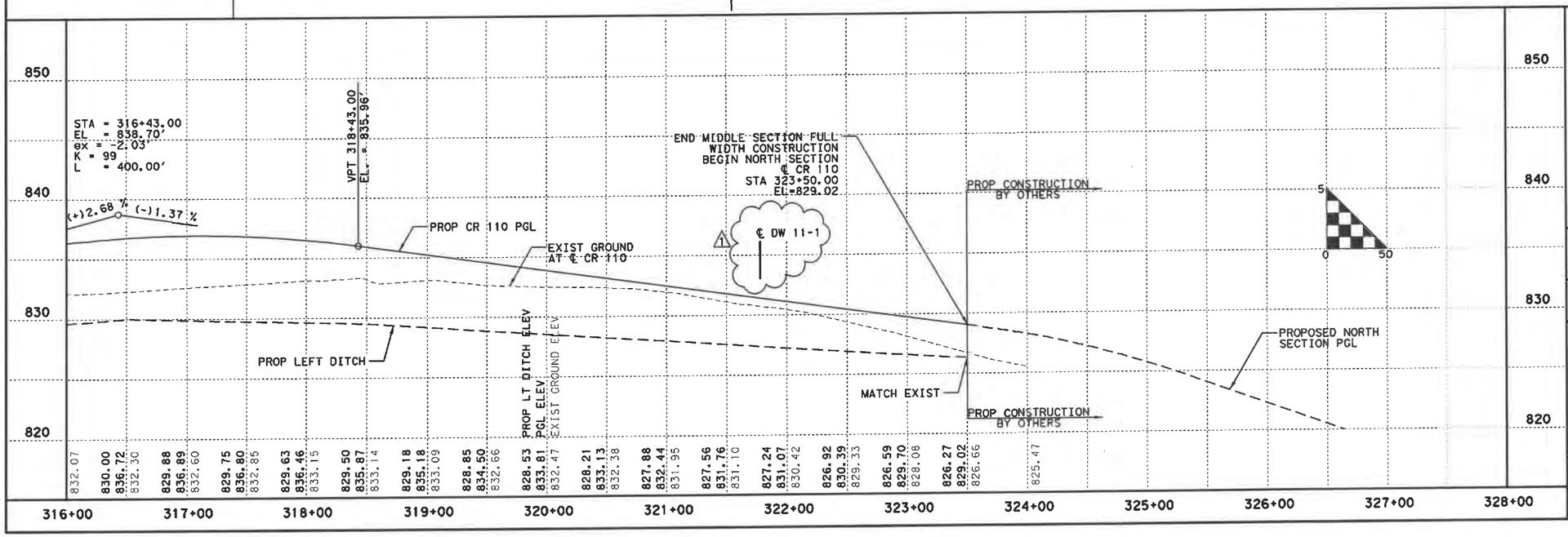


0 50 100
SCALE: 1"=100'

NOTES:

1. DIMENSIONS, STATIONS, AND OFFSETS GIVEN AT BACK OF CURB OR EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
2. SEE REMOVAL SHEETS FOR EXISTING CR 110 REMOVAL LIMITS.
3. LOCATION OF EXISTING UTILITIES ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY PRIOR TO CONSTRUCTION.
4. SEE EXTERIOR DRAINAGE MAP SHEET FOR ADDITIONAL INFORMATION ABOUT TRANSITION CULVERT.
5. SEE DRIVEWAY DETAIL SHEET FOR ADDITIONAL INFORMATION.

⚠ DITCH AND DRIVEWAY REVISIONS



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TREY NEAL
106194
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CR 110 (MIDDLE SECTION)

PLAN AND PROFILE

CR 110 STA 316+00 TO END PROJECT

SHEET 11 OF 13

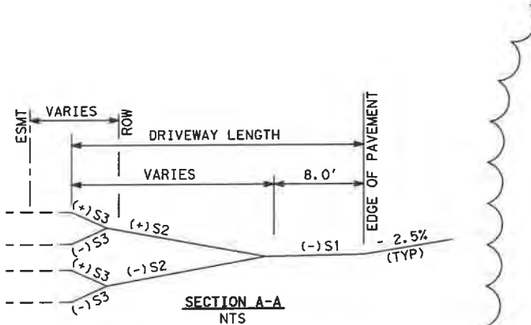
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CK: TAN		76

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PLOTTED: 7/23/2020 5:19:18 PM

PLAN AND PROFILE SHEET	DRIVEWAY NUMBER	STATION	LEFT OR RIGHT	PROP WIDTH (FT)	PROP LENGTH (FT)	DRIVEWAY SLOPE (S1) (%)	(S2) (%)	(S3) (%)	R1 (FT)	R2 (FT)
CR 110										
2 OF 13	2-1	208+35.00	RT	18.00	27.20	1.9	-	-	25	25
2 OF 13	2-2	208+35.00	LT	12.00	25.70	-6.4	-6.4	-	25	25
2 OF 13	2-3	215+74.50	LT	31.17	34.38	2.0	5.0	-	25	25
3 OF 13	3-1	220+93.85	RT	16.50	24.88	2.8	-	-	15	15
3 OF 13	3-2	222+04.08	RT	19.01	11.10	-1.4	-	-	15	15
3 OF 13	3-3	224+91.06	RT	23.30	11.92	-0.5	0.5	-	15	15
~~3 OF 13~~	~~3-4~~	~~227+46.96~~	~~RT~~	~~34.79~~	~~21.60~~	~~-1.8~~	~~-~~	~~-~~	~~25~~	~~25~~
3 OF 13	3-5	231+51.59	LT	30.87	26.50	2.0	8.0	-	25	25
~~4 OF 13~~	~~4-1~~	~~234+96.78~~	~~RT~~	~~54.75~~	~~14.52~~	~~-0.5~~	~~-~~	~~-~~	~~25~~	~~25~~
5 OF 13	5-1	255+00.58	RT	17.24	36.88	0.6	-	-	15	15
6 OF 13	6-1	263+94.92	RT	16.00	38.67	2.7	-	-	15	15
11 OF 13	11-1	321+78.17	RT	24.50	13.66	-5.0	-	-	15	15

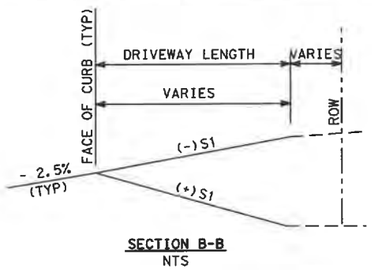
△2

△1



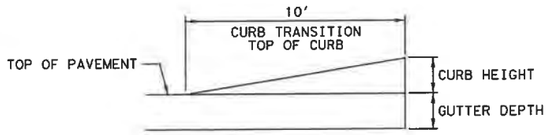
SECTION A-A
NTS

LT DRIVEWAY PROFILE

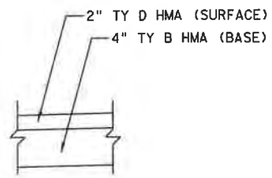


SECTION B-B
NTS

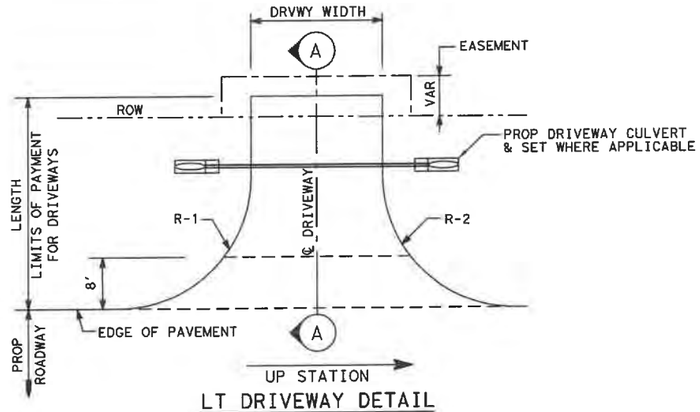
RT DRIVEWAY PROFILE



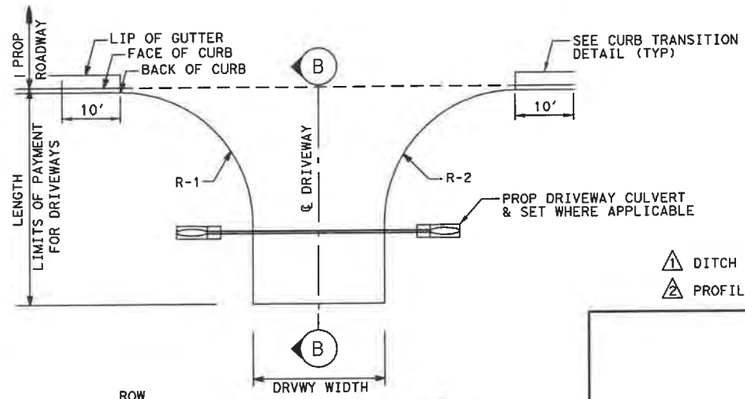
CURB TRANSITION DETAIL
NTS



ASPHALT DRIVEWAY PAVEMENT SECTION
PAID FOR UNDER ITEM 530
NTS



LT DRIVEWAY DETAIL
NTS



RT DRIVEWAY DETAIL
NTS

NOTES:

1. REFER TO THE EXTERIOR DRAINAGE AREA MAP SHEET FOR DRIVEWAY CULVERT INFORMATION.

△1 DITCH AND DRIVEWAY REVISIONS
△2 PROFILE AND DRIVEWAY REVISIONS

STATE OF TEXAS
TREY NEAL
106194
LICENSED PROFESSIONAL ENGINEER

07/23/2020

Kimley»Horn F-928

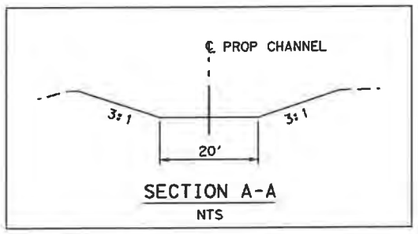
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DRIVEWAY DETAIL

SHEET 1 OF 1

	WILLIAMSON COUNTY JOB NO.	SHEET NO.
		81

FILENAME: G:\068501503*CR 110\Design\CR110chan01.dgn
PLOTTED: 1/28/2020 8:20:05 AM



SECTION A-A
NTS

EXIST OUTFALL
℄=707.12
EXIST CONCRETE RIPRAP
EXIST DRAINAGE EASEMENT
END PROP CHANNEL
℄ CR 110
STA 208+67.93
290.34' LT
℄=707.12
℄ PROP CHANNEL
PROP ROW
℄=711.19
PROP DRAINAGE EASEMENT
PROP STONE RIPRAP
EXIST ROW
PROP CULVERT B
1-6' X 4' SBC
℄ CR 110
STA 209+22.40
℄ CR 110
DETOUR
POT 2205+50.00
PC 2208+96.72
PRC 2211+68.47
N 11° 43' 09.27" W
205+00
210+00
2210+00
CR 110
EXIST ROW
PROP ROW
℄ 713.60
℄ CR 110
STA 210+40.00
125.00' RT
PROP EASEMENT
℄ CR 110
STA 208+80.00
125.00' RT
LIMMER LOOP

0 30 60
SCALE: 1"=60'

⚠ DITCH AND DRIVEWAY REVISIONS

STATE OF TEXAS
TREY NEAL
106194
LICENSED PROFESSIONAL ENGINEER

1/28/2020

Kimley»Horn F-928

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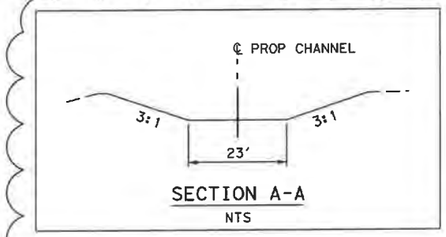
CR 110 (MIDDLE SECTION)

CULVERT GRADING
CHANNEL B

SHEET 1 OF 2

DES: BTS	WILLIAMSON COUNTY JOB NO.	SHEET NO.
CK: SAA		81A

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PLOTTED: 2/3/2020 10:36:45 AM



SECTION A-A
NTS

END PROP CHANNEL
MATCH EXIST CHANNEL
℄ CR 110
STA 235+13.63
331.06' LT
℄=713.40

℄ CR 110
STA 235+29.52
351.45' LT

℄ CR 110
STA 235+69.02
240.51' LT

℄ CR 110
STA 234+85.68
327.51' LT

℄ CR 110
STA 236+04.19
252.59' LT

PROP DRAINAGE EASEMENT

℄ PROP CHANNEL

PROP ROW

℄ CR 110
STA 235+81.13
113.00' LT

℄ CR 110
STA 236+62.44
113.00' LT

℄=714.92

EXIST ROW

CR 110

℄ CR 110

234+39.97

236+70.15

235+00

EXIST ROW

PROP CULVERT C
4-6' X 3' MBC
℄ CR 110
STA 236+46.30

PROP ROW

℄ 717.22



⚠1 DITCH AND DRIVEWAY REVISIONS

STATE OF TEXAS
TREY NEAL
106194
LICENSED PROFESSIONAL ENGINEER

2/3/2020

Kimley»Horn F-928

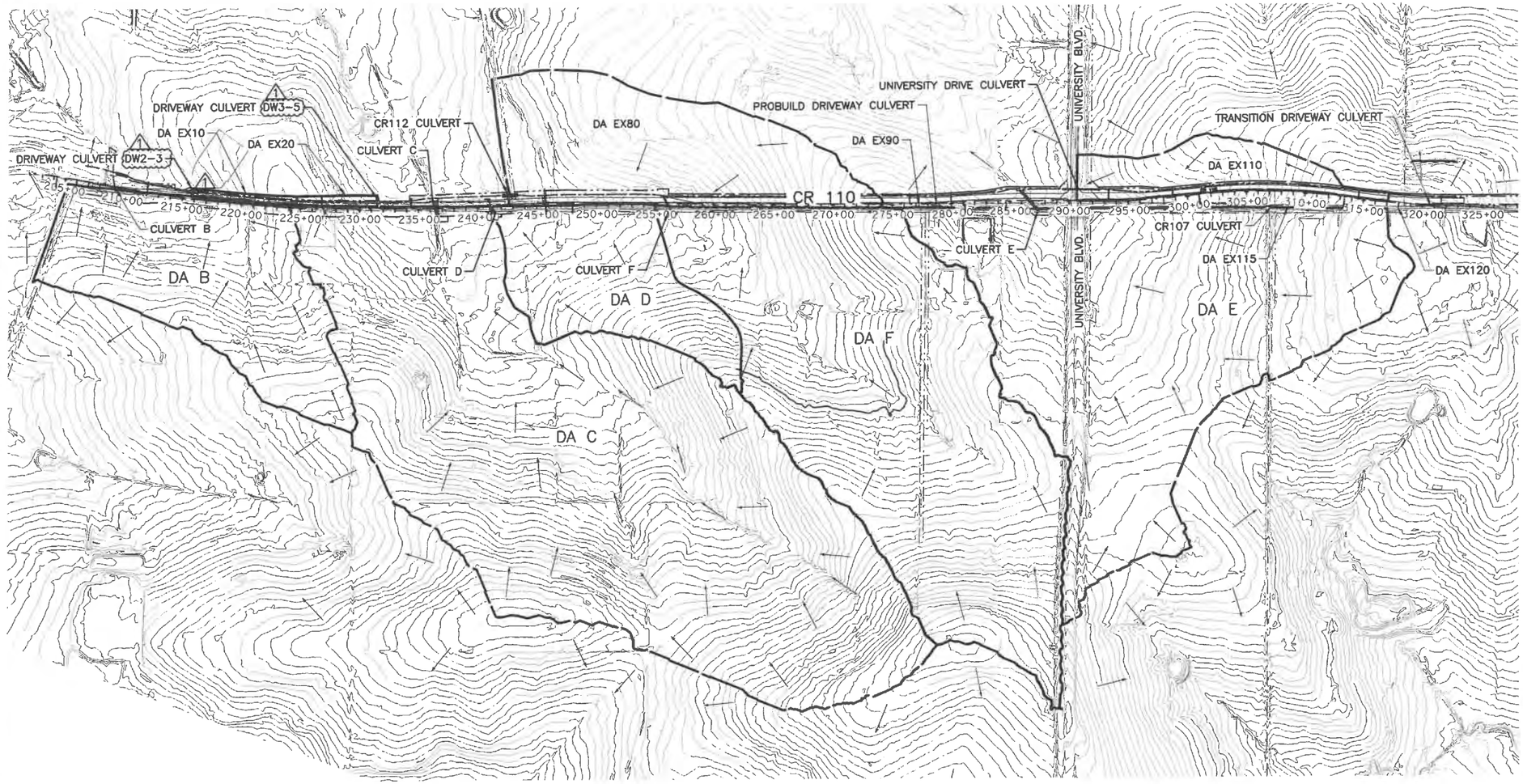
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CR 110 (MIDDLE SECTION)

CULVERT GRADING
CHANNEL C

SHEET 2 OF 2

DES: BTS	WILLIAMSON COUNTY JOB NO.	SHEET NO. 818
CK: SAA		



CROSSING CULVERTS

CULVERT ID	DA	ANALYSIS METHOD	DESIGN FREQUENCY	AREA (ACRES)	Tc/Lag (MIN)	C/CN	HYDROLOGIC SUMMARY DESIGN 25 yr I (IN/HR)	DESIGN 25 yr Q (CFS)	CHECK 100 yr I (IN/HR)	CHECK 100 YR Q (CFS)	PROPOSED CULVERT	CULVERT TYPE
B	B	RATIONAL	25 YR	67.22	34.50	0.39	4.97	130	6.27	186	1-6'x4'	MBC
C	C	SCS	25 YR	264.46	29.63	70	n/a	502	n/a	813	4-6'x3'	MBC
D	D	RATIONAL	25 YR	42.37	24.89	0.40	5.93	100	7.47	142	2-4'x3'	MBC
E	E	RATIONAL	25 YR	159.99	48.08	0.41	3.95	261	5.01	370	4-5'X3'	MBC
F	F	RATIONAL	25 YR	171.00	46.85	0.39	4.02	270	5.09	385	2-5'X3'	MBC

DRIVEWAY CULVERTS

DRIVEWAY CULVERT	DA	STATION	DESIGN FREQUENCY	Q (cfs)	ALLOW HW (ELEV)	PROPOSED CULVERT DESCRIPTION	UPSTREAM END TREATMENT	DOWNSTREAM END TREATMENT	LENGTH (ft)	UPSTREAM FL	DOWNSTREAM FL	Ke	CULVERT RESULTS HW ELEV	TW ELEV	V-OUT ft/s
DW2-3 ⚠1	EX10	215+75	10 YR	9.7	722.05	1-18" RCP	1-S.E.T. TY II-PD (6:1)	1-S.E.T. TY II-PD (4:1)	85 ⚠1	721.39	720.28	0.7	723.01	719.30	7.08
DW3-5 ⚠1	EX20	231+50	10 YR	7.7	722.96	2-18" RCP	2-S.E.T. TY II-PD (6:1)	2-S.E.T. TY II-PD (4:1)	88	721.81	719.85	0.7	722.94	720.32	7.37
CR112	EX80+DAF	*	*	*	*	*	*	*	*	*	*	*	*	*	*
PROBUILD	EX90	278+74	10 YR	2.6	783.92	1-18" RCP	1-S.E.T. TY II-PD (6:1)	1-S.E.T. TY II-PD (6:1)	66	783.00	782.29	0.7	783.90	782.88	5.18
UNIVERSITY	EX110	*	*	*	*	*	*	*	*	*	*	*	*	*	*
CR107	EX115	307+22	10 YR	3.6	816.92	1-18" RCP	1-S.E.T. TY II-PD (6:1)	1-S.E.T. TY II-PD (6:1)	90	814.50	814.00	0.7	815.46	814.11	4.79
TRANSITION	EX120	*	*	*	*	*	*	*	*	*	*	*	*	*	*

* SEE CULVERT LAYOUT

EACH PIPE IS 88'

STATE OF TEXAS
ANTHONY J. SERDA
106300
LICENSED
PROFESSIONAL ENGINEER
05/26/2020

⚠1 MODIFIED DW CULVERTS DW 2-3 & DW 3-5

THE SEAL APPEARING ON THIS DOCUMENT WAS ORIGINALLY AUTHORIZED BY MATTHEW R. JASSO ON MARCH 2, 2016. THE DOCUMENT IS ON FILE AT WILLIAMSON COUNTY'S OFFICE. THAT DOCUMENT IS HEREBY REVISED AS INDICATED. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

STATE OF TEXAS
MATTHEW R. JASSO
105033
LICENSED
PROFESSIONAL ENGINEER

CP&Y, INC.
13809 RESEARCH BLVD., STE. 300
AUSTIN, TX 78750
TBPE FIRM REGISTRATION NO. F-1741

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CR 110
(MIDDLE SECTION)

EXTERIOR DRAINAGE AREA MAP

DES: MRJ
CK: JDM
WILLIAMSON COUNTY JOB NO.
SHEET NO. 91

DITCH L05

Ditch Station	OFFSET (FT)	ELEV (FT)	Q (10 yr)	Velocity (ft/s)	Slope (ft/ft)	FS	BS	Base Width (ft)	Depth (ft) (Actual)	Depth (ft) (Allowable)	Shear Stress (Actual)	Shear Stress (Allowable)
209+50.00	94.42	711.49	52.27	4.28	0.013	4.00	4.00	4.00	1.32	2.49	0.28	2.1
210+00.00	89.13	712.15	48.53	4.20	0.013	4.00	4.00	4.00	1.27	2.57	0.27	2.1
210+50.00	74.21	712.81	44.80	4.11	0.013	4.00	4.00	4.00	1.23	2.83	0.26	2.1
211+00.00	61.69	713.47	41.07	4.02	0.013	4.00	4.00	4.00	1.18	2.51	0.25	2.1
211+50.00	72.48	714.13	37.33	3.92	0.013	4.00	4.00	4.00	1.12	2.38	0.24	2.1
212+00.00	67.38	714.79	33.60	3.81	0.013	4.00	4.00	4.00	1.07	1.98	0.23	2.1
212+50.00	62.48	715.45	29.87	3.69	0.013	4.00	4.00	4.00	1.01	2.15	0.21	12.5
213+00.00	67.55	716.11	26.13	3.56	0.013	4.00	4.00	4.00	0.94	2.00	0.20	12.5
213+50.00	74.91	716.48	24.27	2.36	0.006	4.00	4.00	10.00	0.78	1.82	0.09	12.5
214+00.00	87.00	716.65	22.40	2.19	0.005	4.00	4.00	10.00	0.78	1.81	0.07	12.5
214+50.00	59.09	720.13	7.48	5.13	0.070	4.00	3.00	0.00	0.65	2.03	0.41	12.5
215+00.00	58.79	720.58	7.28	2.37	0.009	4.00	3.00	0.00	0.94	1.95	0.09	12.5

DITCH L10

Ditch Station	OFFSET (FT)	ELEV (FT)	Q (10 yr)	Velocity (ft/s)	Slope (ft/ft)	FS	BS	Base Width (ft)	Depth (ft) (Actual)	Depth (ft) (Allowable)	Shear Stress (Actual)	Shear Stress (Allowable)
214+00.00	87.00	716.65	22.40	2.19	0.005	4.00	4.00	10.00	0.78	1.81	0.07	12.5
214+50.00	59.09	720.13	7.48	5.13	0.070	4.00	3.00	0.00	0.65	2.03	0.41	12.5
215+00.00	58.79	720.58	7.28	2.37	0.009	4.00	3.00	0.00	0.94	1.95	0.09	12.5
215+50.00	0.00	721.43	7.08	2.98	0.017	4.00	3.00	0.00	0.82	1.48	0.14	12.5
216+00.00	0.00	721.60	6.88	3.61	0.003	4.00	3.00	0.00	0.74	1.68	0.20	12.5
216+50.00	0.00	721.71	6.68	3.05	0.002	4.00	3.00	0.00	0.79	1.95	0.14	12.5
217+00.00	57.96	722.28	6.47	5.60	0.011	4.00	3.00	0.00	0.57	1.75	0.49	12.5
217+50.00	58.81	722.68	6.27	4.87	0.008	4.00	3.00	0.00	0.61	1.76	0.37	12.5

DITCH L20

Ditch Station	Ditch Offset (ft)	Ditch FL Elev (ft)	Q (10 yr)	Velocity (ft/s)	Slope (ft/ft)	FS	BS	Base Width (ft)	Depth (ft) (Actual)	Depth (ft) (Allowable)	Shear Stress (Actual)	Shear Stress (Allowable)
218+00.00	58.01	723.33	6.07	5.79	0.013	4.00	3.00	0.00	0.55	1.76	0.52	12.5
218+50.00	57.54	724.37	5.87	6.85	0.021	4.00	3.00	0.00	0.49	1.65	0.73	12.5
219+00.00	57.53	725.54	5.67	7.10	0.023	4.00	3.00	0.00	0.48	1.64	0.78	12.5
219+50.00	57.72	726.69	5.47	6.99	0.023	4.00	3.00	0.00	0.47	1.69	0.76	12.5
220+00.00	58.12	727.79	5.26	6.81	0.022	4.00	3.00	0.00	0.47	1.79	0.72	12.5
220+50.00	57.32	729.19	5.06	7.17	0.028	4.00	4.00	0.00	0.42	1.59	0.80	12.5
221+00.00	5.22	730.42	4.86	6.96	0.025	4.00	3.00	0.00	0.45	1.56	0.75	12.5
221+50.00	58.16	731.39	4.66	6.38	0.019	4.00	3.00	0.00	0.46	1.79	0.62	12.5
222+00.00	58.54	732.49	4.46	6.53	0.022	4.00	3.00	0.00	0.44	1.89	0.66	12.5
222+50.00	59.13	733.52	4.25	6.38	0.021	4.00	3.00	0.00	0.44	2.04	0.62	12.5
223+00.00	59.92	734.29	4.05	5.58	0.015	4.00	3.00	0.00	0.46	2.24	0.48	12.5
223+50.00	60.38	734.98	3.85	5.05	0.012	4.00	3.00	0.00	0.47	2.33	0.40	12.5
224+00.00	60.37	735.32	3.65	4.33	0.008	4.00	3.00	0.00	0.49	2.35	0.29	12.5
224+50.00	60.32	735.51	3.45	3.17	0.004	4.00	3.00	0.00	0.56	2.34	0.16	12.5

DITCH L30

Ditch Station	Ditch Offset (ft)	Ditch FL Elev (ft)	Q (10 yr)	Velocity (ft/s)	Slope (ft/ft)	FS	BS	Base Width (ft)	Depth (ft) (Actual)	Depth (ft) (Allowable)	Shear Stress (Actual)	Shear Stress (Allowable)
225+00.00	60.38	735.44	3.25	2.15	0.001	4.00	3.00	0.00	0.66	2.33	0.07	12.5
225+50.00	60.44	735.86	3.04	3.99	0.008	4.00	3.00	0.00	0.47	2.37	0.25	12.5
226+00.00	60.42	734.46	2.84	4.65	0.012	4.00	3.00	0.00	0.42	2.35	0.34	12.5
226+50.00	60.55	733.56	2.64	5.32	0.018	4.00	3.00	0.00	0.38	2.28	0.44	12.5
227+00.00	61.19	732.27	2.44	5.96	0.026	4.00	3.00	0.00	0.34	2.00	0.55	12.5
227+50.00	61.69	730.78	2.24	6.16	0.030	4.00	3.00	0.00	0.32	2.00	0.59	12.5
228+00.00	61.86	729.32	2.03	5.97	0.029	4.00	3.00	0.00	0.31	2.43	0.55	12.5
228+50.00	62.60	727.72	1.83	6.02	0.032	4.00	3.00	0.00	0.29	2.28	0.56	12.5
229+00.00	62.41	726.35	1.63	5.36	0.027	4.00	4.00	0.00	0.28	1.30	0.45	12.5
229+50.00	63.34	724.71	1.43	5.71	0.033	4.00	3.00	0.00	0.27	1.65	0.51	12.5
230+00.00	61.67	723.71	1.23	4.57	0.020	4.00	3.00	0.00	0.28	2.11	0.32	12.5
230+50.00	59.14	722.93	1.03	3.98	0.016	4.00	3.00	0.00	0.27	2.04	0.25	12.5
231+00.00	57.89	721.98	0.82	4.05	0.019	4.00	3.00	0.00	0.24	1.73	0.26	12.5
232+00.00	62.22	719.21	0.62	4.35	0.028	4.00	3.00	0.00	0.20	1.93	0.29	12.5
232+50.00	62.06	718.83	0.41	2.42	0.008	4.00	3.00	0.00	0.22	1.98	0.09	12.5

DITCH L40

Ditch Station	Ditch Offset (ft)	Ditch FL Elev (ft)	Q (10 yr)	Velocity (ft/s)	Slope (ft/ft)	FS	BS	Base Width (ft)	Depth (ft) (Actual)	Depth (ft) (Allowable)	Shear Stress (Actual)	Shear Stress (Allowable)
233+00.00	59.18	718.68	7.74	1.63	0.004	4.00	3.00	0.00	1.16	1.98	0.30	2.1
233+50.00	63.89	718.68	8.26	1.38	0.001	3.00	2.00	0.00	1.59	1.63	0.14	2.1
234+00.00	64.08	718.28	8.92	2.58	0.008	3.00	2.00	0.00	1.20	1.96	0.57	2.1
234+50.00	69.71	717.48	9.64	3.12	0.016	4.00	3.00	0.00	0.94	2.71	0.91	2.1
235+00.00	73.67	716.78	10.36	3.11	0.015	4.00	3.00	0.00	0.98	3.59	0.90	2.1
235+50.00	77.67	715.98	11.08	3.18	0.015	4.00	3.00	0.00	1.00	3.93	0.93	2.1

DITCH L50

Ditch Station	Ditch Offset (ft)	Ditch FL Elev (ft)	Q (10 yr)	Velocity (ft/s)	Slope (ft/ft)	FS	BS	Base Width (ft)	Depth (ft) (Actual)	Depth (ft) (Allowable)	Shear Stress (Actual)	Shear Stress (Allowable)
236+00.00	81.63	715.28	11.80	3.22	0.015	4.00	3.00	0.00	1.02	3.36	0.95	2.1
236+50.00	77.45	714.98	12.52	1.98	0.005	4.00	3.00	8.00	0.64	4.82	0.19	2.1
237+00.00	87.66	715.28	489.52	4.99	0.005	4.00	3.00	8.00	3.83	4.51	1.18	2.1
237+50.00	78.86	715.45	488.89	5.61	0.006	4.00	3.00	8.00	3.56	3.84	1.34	2.1
238+00.00	71.99	715.75	488.27	5.61	0.006	4.00	3.00	8.00	3.56	4.12	1.34	2.1
238+50.00	72.62	716.85	487.64	5.60	0.006	4.00	3.00	8.00	3.56	4.28	1.34	2.1
239+00.00	71.33	716.35	487.01	5.60	0.006	4.00	3.00	8.00	3.55	3.96	1.33	2.1
239+50.00	73.81	716.65	486.39	5.60	0.006	4.00	3.00	8.00	3.55	4.58	1.33	2.1
240+00.00	75.23	716.96	485.76	5.60	0.006	4.00	3.00	8.00	3.55	4.93	1.33	2.1
240+50.00	76.72	717.26	485.13	5.59	0.006	4.00	3.00	8.00	3.55	5.30	1.33	2.1

DITCH L60

Ditch Station	Ditch Offset (ft)	Ditch FL Elev (ft)	Q (10 yr)	Velocity (ft/s)	Slope (ft/ft)	FS	BS	Base Width (ft)	Depth (ft) (Actual)	Depth (ft) (Allowable)	Shear Stress (Actual)	Shear Stress (Allowable)
241+00.00	77.65	717.70	404.51	6.43	0.009	4.00	3.00	8.00	3.25	5.54	1.78	2.1
241+50.00	86.55	721.06	403.88	11.53	0.045	4.00	3.00	8.00	2.22	2.42	6.24	2.1
242+00.00	86.38	721.43	402.00	5.45	0.007	4.00	3.00	23.50	2.33	2.66	1.08	2.1

DITCH L70

Ditch Station	Ditch Offset (ft)	Ditch FL Elev (ft)	Q (10 yr)	Velocity (ft/s)	Slope (ft/ft)	FS	BS	Base Width (ft)	Depth (ft) (Actual)	Depth (ft) (Allowable)	Shear Stress	Shear Stress
242+50.00	70.44	721.52	36.00	0.88	0.008	4.00	3.00	8.00	1.03	3.74	0.50	2.1
243+00.00	66.42	721.92	37.00	3.20	0.008	4.00	3.00	8.00	1.03	2.73	0.50	2.1
243+50.00	71.72	722.79	35.00	4.13	0.018	4.00	3.00	8.00	0.79	4.06	0.86	2.1
244+00.00	71.36	723.20	34.48	3.15	0.008	4.00	3.00	8.00	0.96	3.97	0.49	2.1
244+50.00	71.65	723.61	33.97	3.14	0.008	4.00	3.00	8.00	0.95	4.04	0.49	2.1
245+00.00	71.62	724.02	33.45	3.13	0.008	4.00	3.00	8.00	0.95	4.03	0.48	2.1
245+50.00	71.58	724.43	32.94	3.11	0.008	4.00	3.00	8.00	0.94	4.02	0.48	2.1
246+00.00	71.73	724.85	32.42	3.12	0.008	4.00	3.00	8.00	0.92	4.06	0.48	2.1
246+50.00	72.10	725.25	31.91	3.08	0.008	4.00	3.00	8.00	0.92	4.15	0.47	2.1
247+00.00	72.46	725.66	31.39	3.07	0.008	4.00	3.00	8.00	0.91	4.24	0.47	2.1
247+50.00	72.83	726.07	30.88	3.05	0.008	4.00	3.00	8.00	0.91	4.33	0.46	2.1
248+00.00	73.19	726.48	30.36	3.04	0.008	4.00	3.00	8.00	0.90	4.42	0.46	2.1
248+50.00	73.55	726.89	29.85	3.02	0.008	4.00	3.00	8.00	0.89	4.51	0.45	2.1
249+00.00	73.92	727.30	29.33	3.00	0.008	4.00	3.00	8.00	0.88	4.60	0.45	2.1
249+50.00	74.28	727.71	28.82	2.99	0.008	4.00	3.00	8.00	0.87	4.70	0.45	2.1
250+00.00	74.64	728.12	28.30	2.97	0.008	4.00	3.00	8.00	0.86	4.79	0.44	2.1
250+50.00	75.01	728.52	27.79	2.95	0.008	4.00	3.00	8.00	0.86	4.88	0.44	2.1
251+00.00	75.37	728.93	27.27	2.94	0.008	4.00	3.00	8.00	0.85	4.97	0.43	2.1
251+50.00	75.74	729.34	26.76	2.92	0.008	4.00	3.00	8.00	0.84	5.06	0.43	2.1
252+00.00	76.10	729.75	26.24	2.90	0.008	4.00	3.00	8.00	0.83	5.15	0.42	2.1
252+50.00	76.46	730.16	25.73	2.89	0.008	4.00	3.00	8.00	0.82	5.24	0.42	2.1
253+00.00	76.83	730.57	25.21	2.87	0.008	4.00	3.00	8.00	0.81	5.33	0.41	2.1
253+50.00	77.19	730.98	24.70	2.85	0.008	4.00	3.00	8.00	0.80	5.42	0.41	2.1
254+00.00	77.20	731.39	24.18	2.83	0.008	4.00	3.00	8.00	0.79	5.42	0.40	2.1
254+50.00	77.92	731.79	23.67	2.81	0.008	4.00	3.00	8.00	0.78	5.60	0.40	2.1
255+00.00	78.28	732.20	23.15	2.79	0.008	4.00	3.00	8.00	0.77	5.70	0.39	2.1
255+50.00	76.75	733.49	22.64	4.07	0.026	4.00	3.00	8.00	0.56	5.26	0.90	2.1
256+00.00	81.14	733.45	22.64	1.21	0.001	4.00	3.00	8.00	1.44	5.35	0.07	2.1
256+50.00	62.25	737.11	21.61	6.82	0.073	4.00	3.00	0.00	0.95	2.83	4.35	2.1
257+00.00	60.77	737.57	21.09	3.17	0.009	4.00	3.00	0.00	1.38	2.32	0.78	2.1
257+50.00	60.27	738.20	20.58	3.55	0.013	4.00	3.00	0.00	1.29	2.19	1.01	2.1
258+00.00	60.39	738.67	20.06	3.18	0.010	4.00	3.00	0.00	1.34	2.22	0.80	2.1

⚠ DITCH REVISIONS

THIS DOCUMENT WAS ORIGINALLY SIGNED BY MATTHEW R. JASSO, PE 105033 ON MARCH 2, 2016. THE DOCUMENT IS ON FILE WITH WILLIAMSON COUNTY. THAT DOCUMENT IS HEREBY REVISED AS INDICATED. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

STATE OF TEXAS
ANTHONY J. SERDA
106300
LICENSED
PROFESSIONAL ENGINEER
01/15/2020

CP&Y, INC.
13809 RESEARCH BLVD., STE. 300
AUSTIN, TX 78750
TBPE FIRM REGISTRATION NO. F-1741

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CR 110 (MIDDLE SECTION)

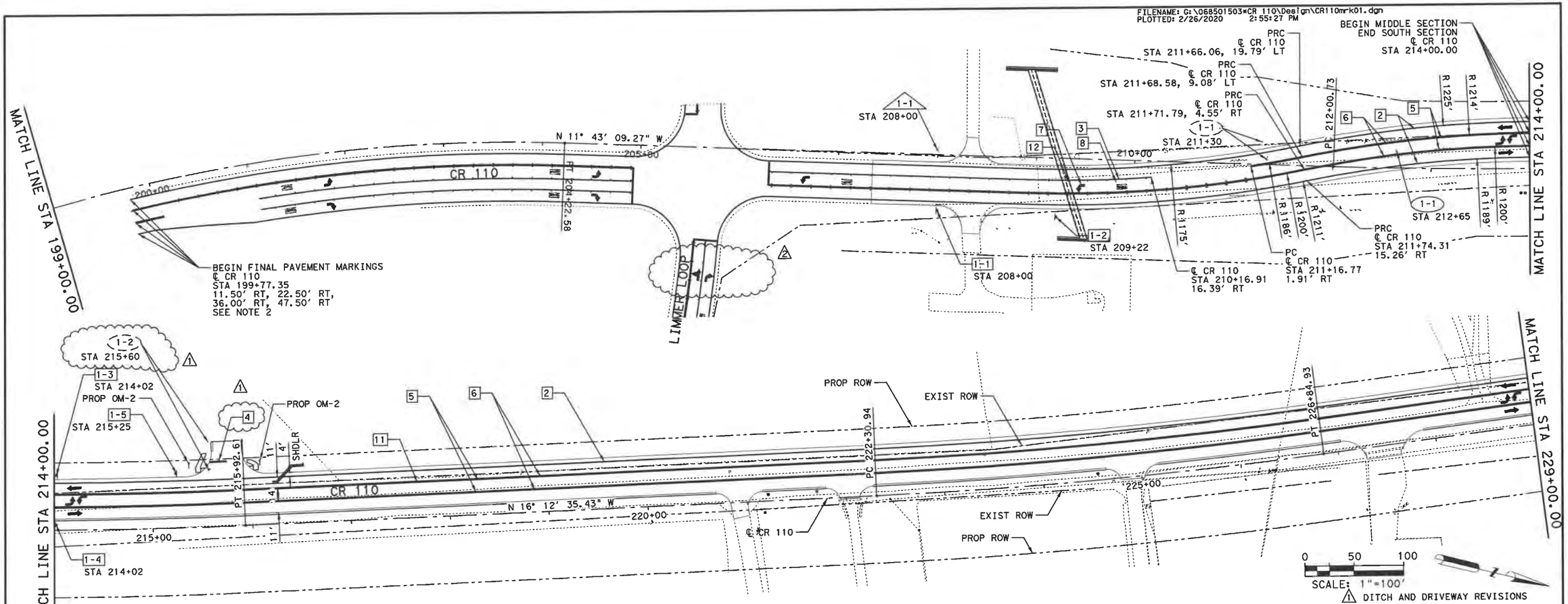
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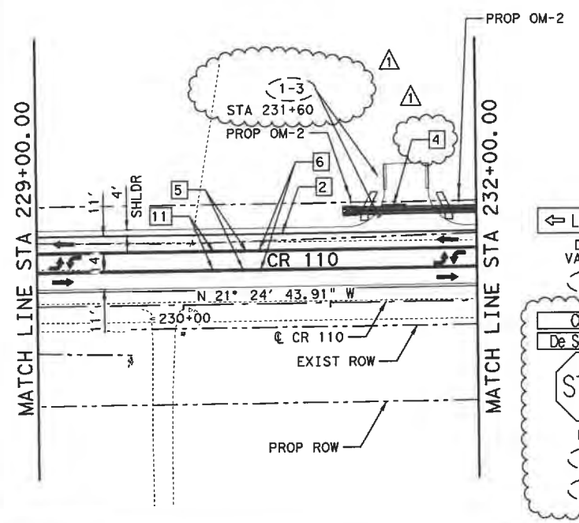
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CK: JDM

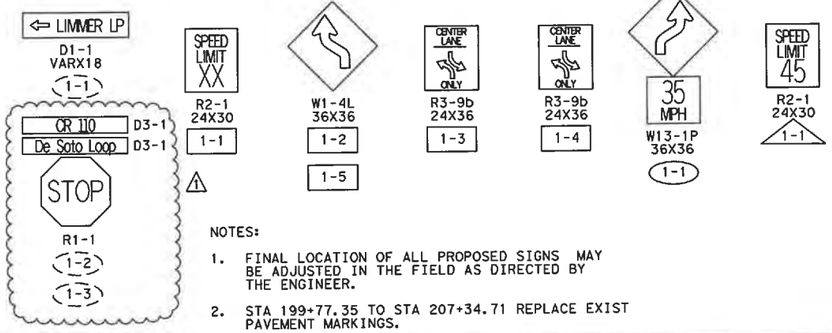
WILLIAMSON COUNTY
JOB NO.

SHEET NO.
101

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NOTES:

1. FINAL LOCATION OF ALL PROPOSED SIGNS MAY BE ADJUSTED IN THE FIELD AS DIRECTED BY THE ENGINEER.
2. STA 199+77.35 TO STA 207+34.71 REPLACE EXIST PAVEMENT MARKINGS.

LEGEND

X-X	PROPOSED SIGN
X-X	EXISTING SIGN TO REMAIN
X-X	EXISTING SIGN TO BE REMOVED
X-X	EXISTING SIGN TO BE RELOCATED
1	REFL PAV MRK TY I (W) 4" (BRK)
2	REFL PAV MRK TY I (W) 4" (SLD)
3	REFL PAV MRK TY I (W) 8" (SLD)
4	REFL PAV MRK TY I (W) 24" (SLD)
5	REFL PAV MRK TY I (Y) 4" (BRK)
6	REFL PAV MRK TY I (Y) 4" (SLD)
7	REFL PAV MRK TY I (W) (ARROW)
8	REFL PAV MRK TY I (W) (WORD)
9	REFL PAV MRK TY I (W) 4" (DOT)
10	REFL PAV MRK TY I (Y) 24" (SLD)
11	REFL PAV MRKR TY II-A-A
12	REFL PAV MRKR TY I-C
	BIDIRECTIONAL DELINEATORS

1 DITCH AND DRIVEWAY REVISIONS
2 STRIPING UPDATE

STATE OF TEXAS
SAMUEL J. LUNDQUIST
122185
LICENSED PROFESSIONAL ENGINEER

2/26/2020

Kimley»Horn F-928

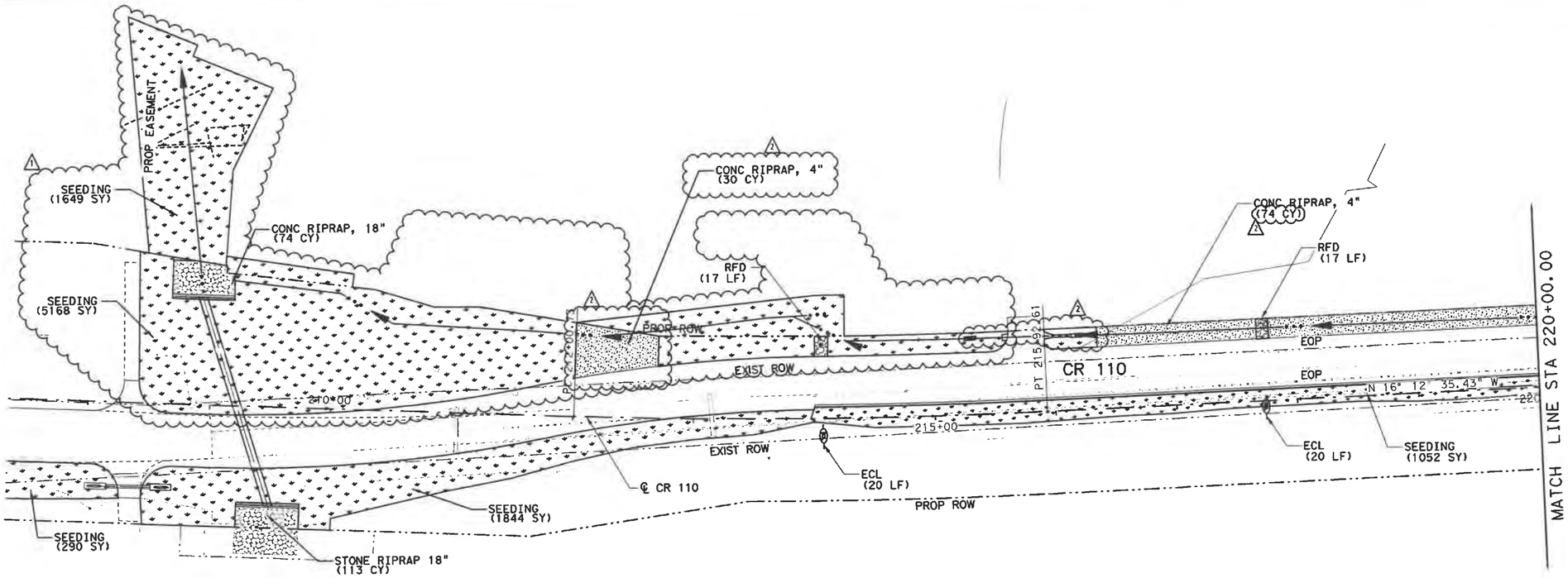
WILLIAMSON ©2020 WILLIAMSON COUNTY

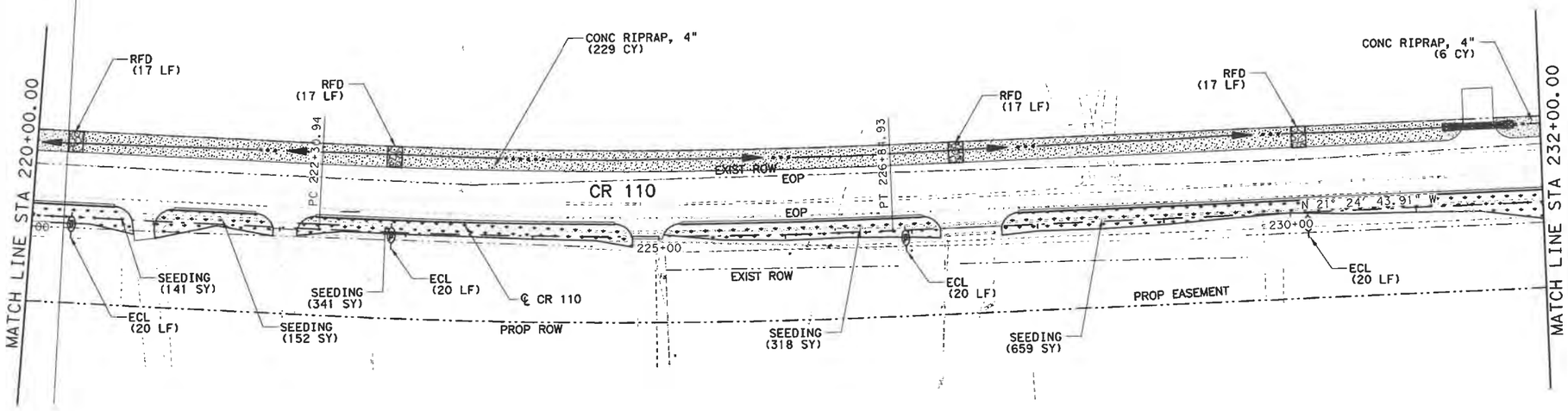
CR 110 (MIDDLE SECTION)

SIGNING AND PAVEMENT MARKINGS

SHEET 1 OF 6

DES: ASH	WILLIAMSON COUNTY JOB NO.	SHEET NO.
CK: TAN		138





0 50 100
SCALE: 1"=100'

1 DITCH REVISIONS

2 MODIFIED DRIVEWAY CULVERT 2-3 & UPDATED RIPRAP LIMITS

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STATE OF TEXAS
ANTHONY J. SERDA
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05/26/2020

CP&Y, INC.
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TBPE FIRM REGISTRATION NO. F-1741

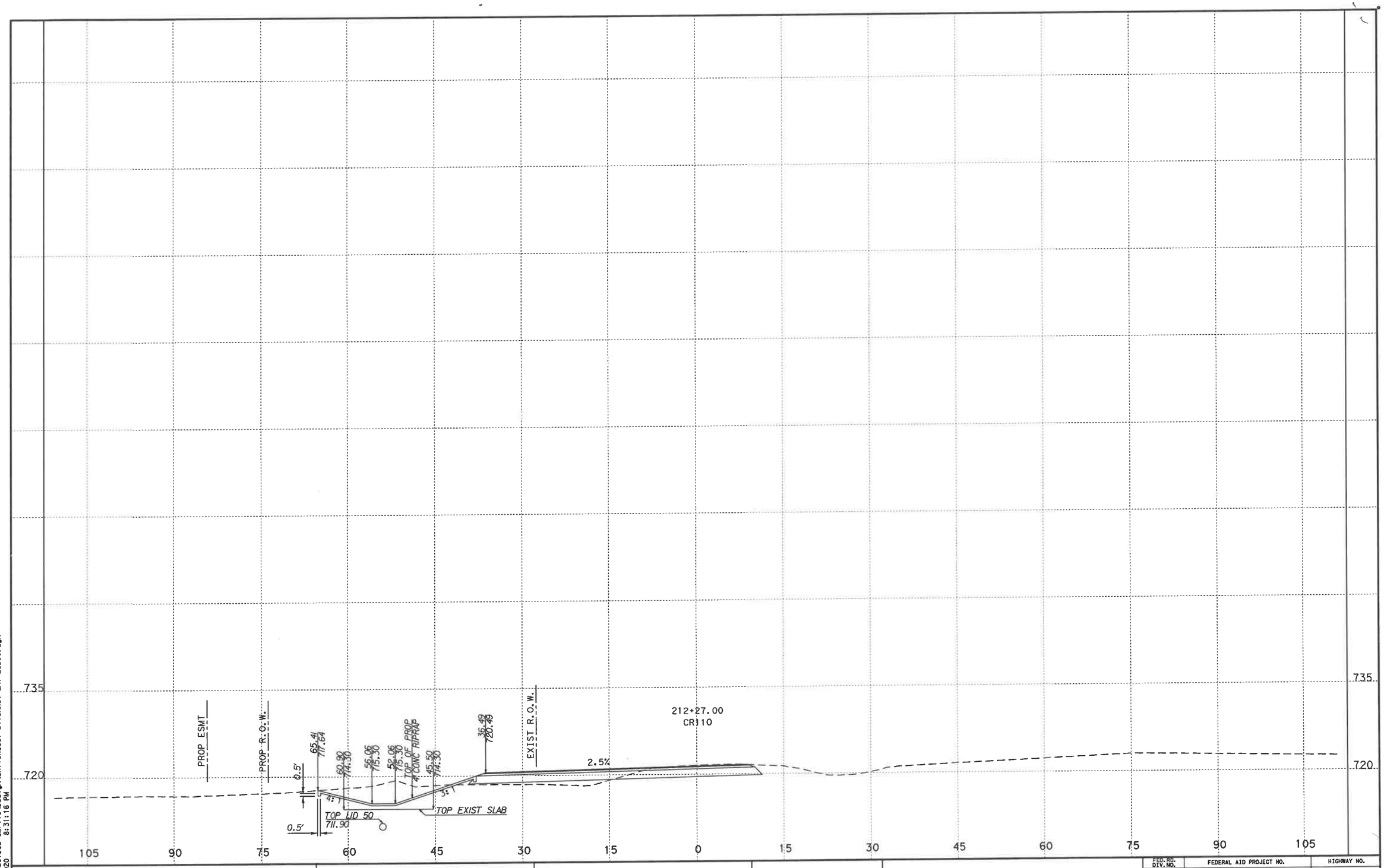
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CR 110 (MIDDLE SECTION)

EROSION CONTROL LAYOUT

SHEET 1 OF 6

DES: MRJ	WILLIAMSON COUNTY JOB NO.	SHEET NO.
CK: JDM		176



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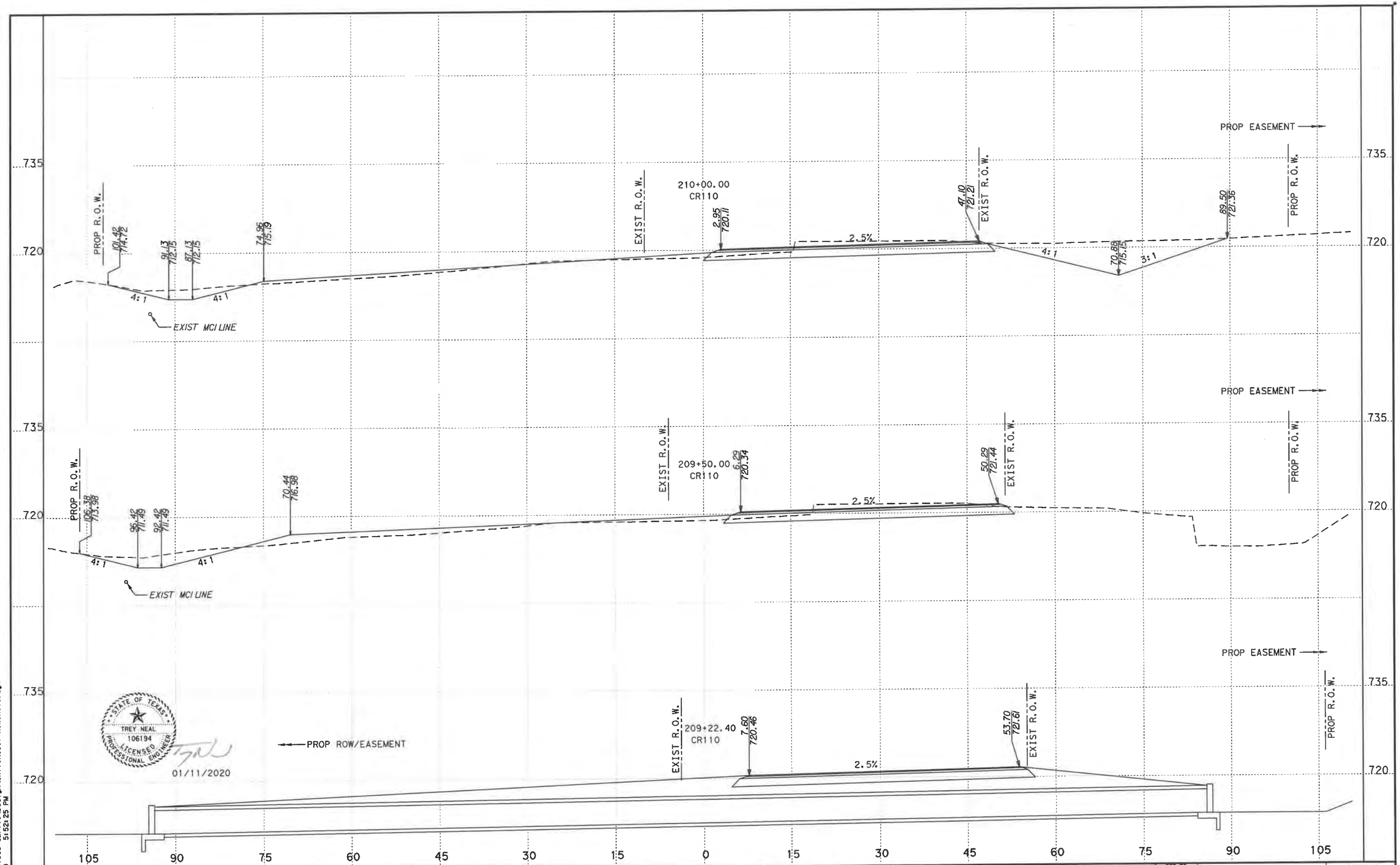
WILLIAMSON COUNTY

Kimley»Horn F-928

0 15
HORIZONTAL 1"=15'
VERTICAL: 1"=15'

CR 110 (MIDDLE SECTION)

FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.		HIGHWAY NO.
6			
STATE	DIST.	COUNTY	SHEET NO.
TEXAS		WILLIAMSON	
CONT.	SECT.	JOB	1



STATE OF TEXAS
TREY NEAL
106194
LICENSED PROFESSIONAL ENGINEER
01/11/2020

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CROSS SECTIONS BASED ON AVAILABLE TOPOGRAPHIC INFORMATION. SOME FEATURES IN FIELD MAY VARY. CROSS SECTIONS NOT INTENDED TO BE USED FOR CONSTRUCTION, THEY ARE ONLY TO SUPPORT PLAN SHEETS AND NOT TO OVERRIDE THEM.

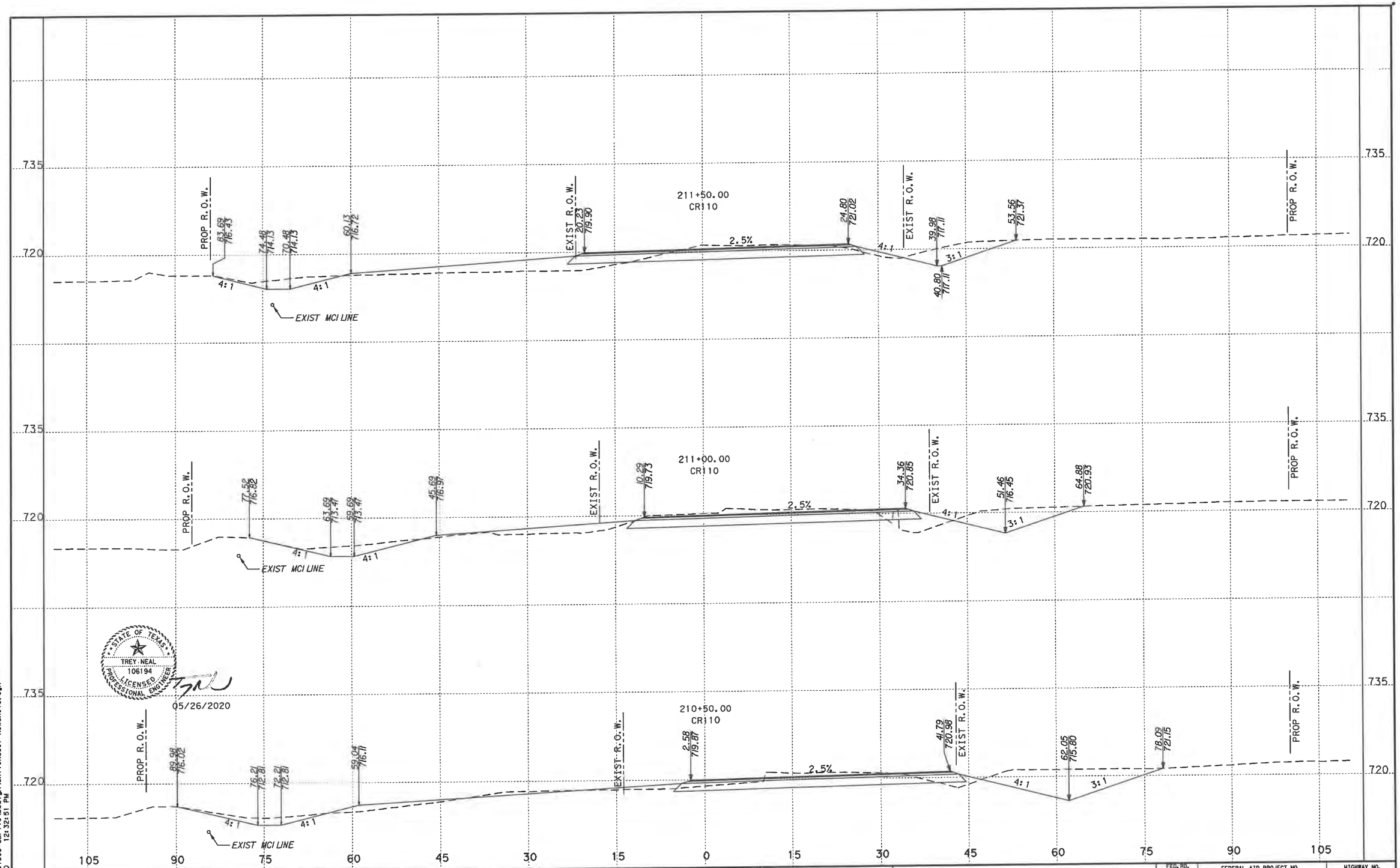
WILLIAMSON COUNTY

Kimley»Horn F-928

HORIZONTAL 1"=15'
VERTICAL: 1"=15'

CR 110 (MIDDLE SECTION)

FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.		HIGHWAY NO.
6			
STATE	DIST.	COUNTY	SHEET NO.
TEXAS		WILLIAMSON	3
CONT.	SECT.	JOB	



STATE OF TEXAS
TREY NEAL
106194
LICENSED
PROFESSIONAL ENGINEER

05/26/2020

CROSS SECTIONS BASED ON AVAILABLE TOPOGRAPHIC INFORMATION. SOME FEATURES IN FIELD MAY VARY. CROSS SECTIONS NOT INTENDED TO BE USED FOR CONSTRUCTION, THEY ARE ONLY TO SUPPORT PLAN SHEETS AND NOT TO OVERRIDE THEM.

WILLIAMSON COUNTY

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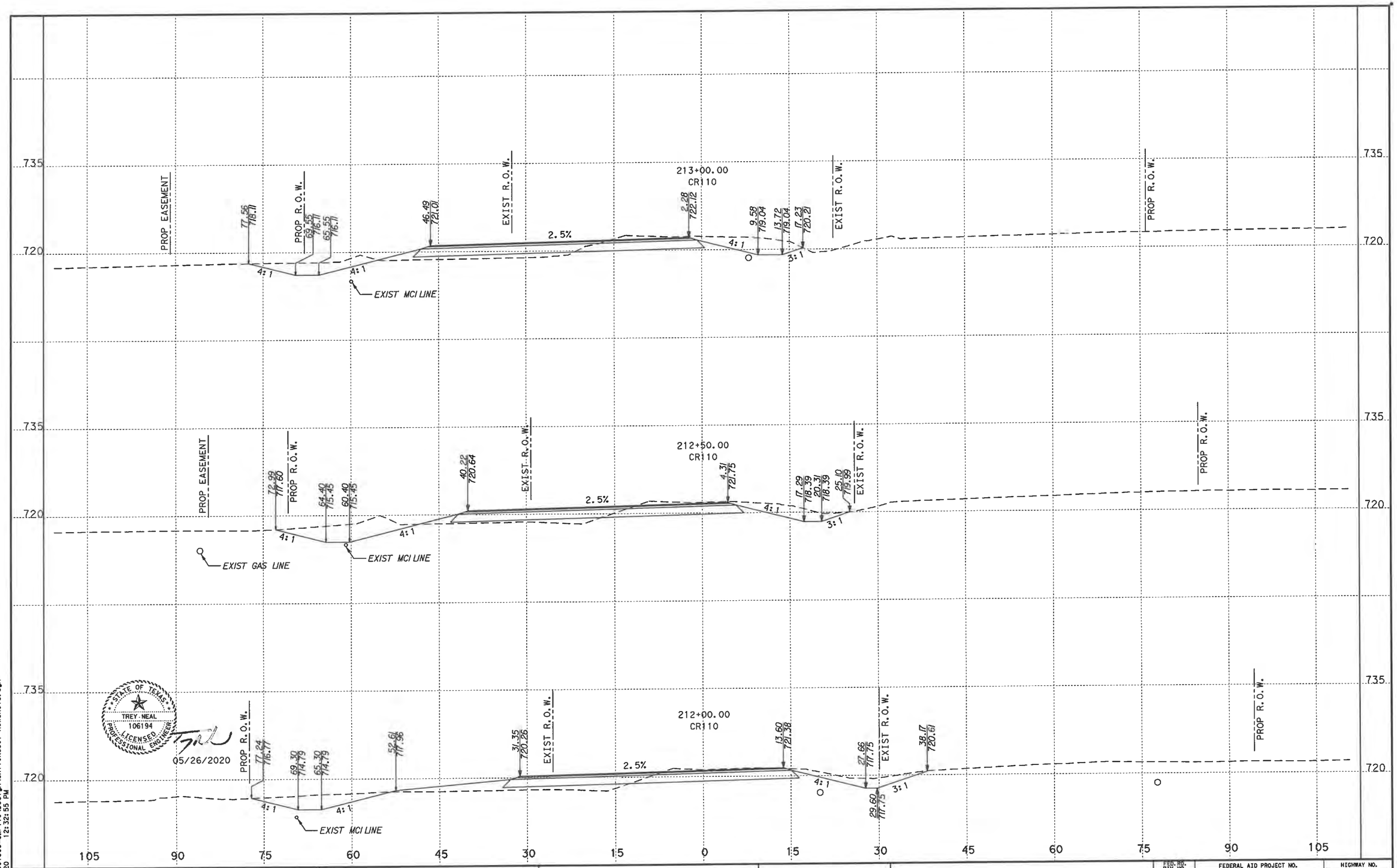
0 15
HORIZONTAL 1"=15'
VERTICAL: 1"=15'

CR 110 (MIDDLE SECTION)

FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.	HIGHWAY NO.
6		

STATE	DIST.	COUNTY	SHEET NO.
TEXAS		WILLIAMSON	
CONT.	SECT.	JOB	4

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STATE OF TEXAS
TREY NEAL
106194
LICENSED PROFESSIONAL ENGINEER
05/26/2020

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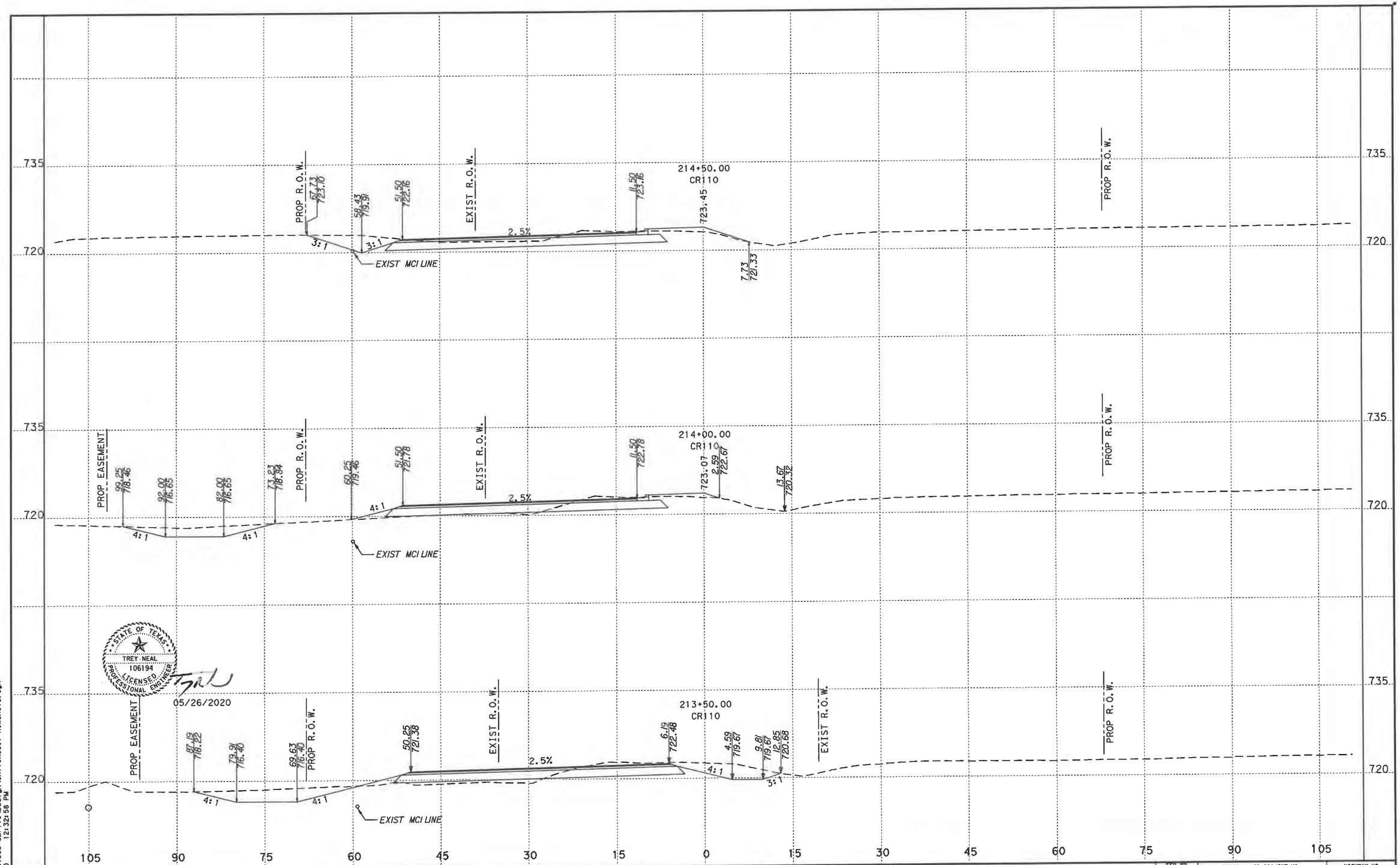
WILLIAMSON COUNTY

Kimley»Horn F-928

0 15
HORIZONTAL 1"=15'
VERTICAL: 1"=15'

CR 110 (MIDDLE SECTION)

FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.		HIGHWAY NO.
6			
STATE	DIST.	COUNTY	SHEET NO.
TEXAS		WILLIAMSON	5
CONT.	SECT.	JOB	



STATE OF TEXAS
TREY NEAL
106194
LICENSED PROFESSIONAL ENGINEER
05/26/2020

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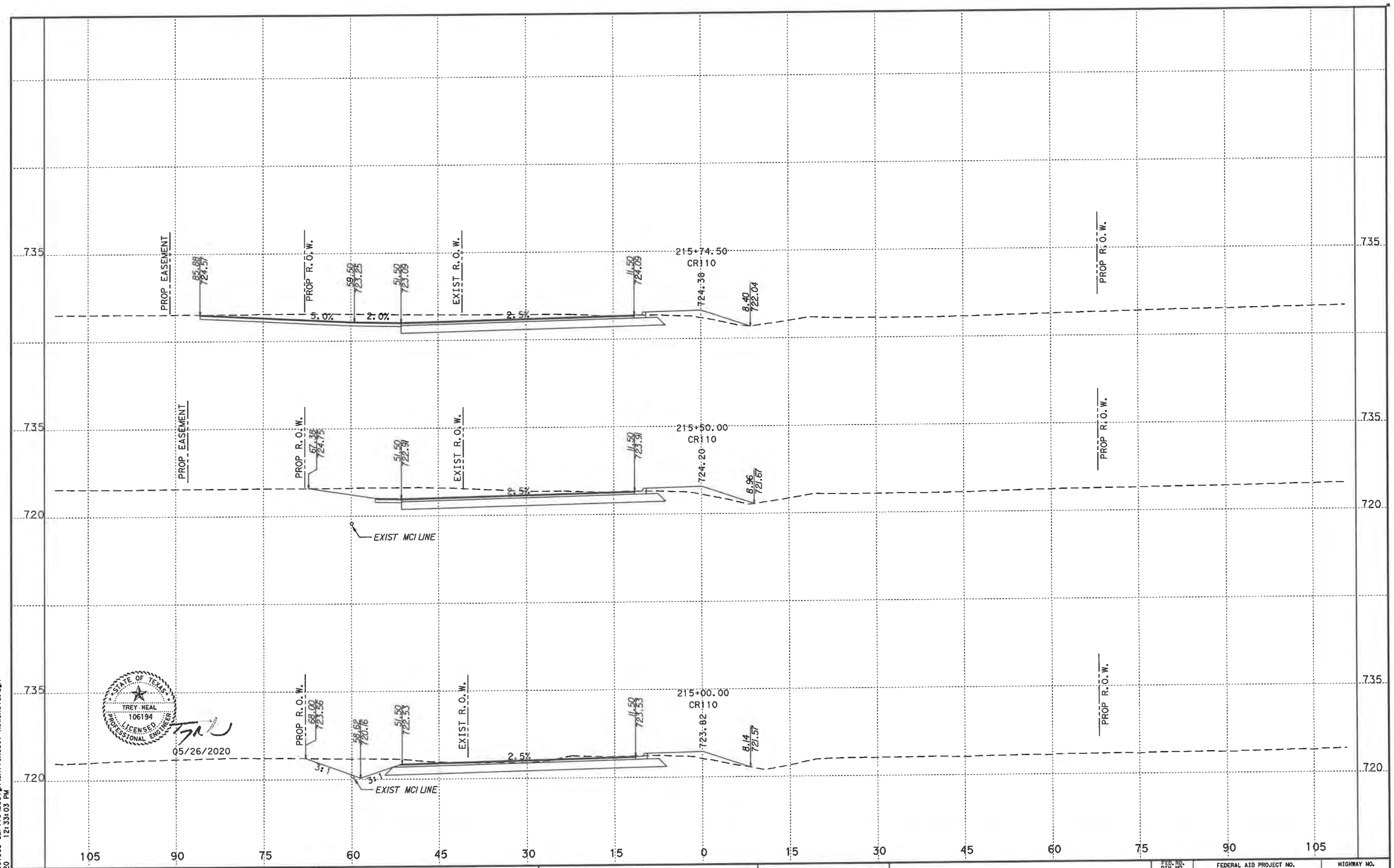
WILLIAMSON COUNTY

Kimley»Horn F-928

0 15
HORIZONTAL 1"=15'
VERTICAL: 1"=15'

CR 110 (MIDDLE SECTION)

FED. NO. DIV. NO.	FEDERAL AID PROJECT NO.		HIGHWAY NO.
6			
STATE	DIST.	COUNTY	SHEET NO.
TEXAS		WILLIAMSON	
CONT.	SECT.	JOB	6



STATE OF TEXAS
TREY NEAL
106194
LICENSED PROFESSIONAL ENGINEER
05/26/2020

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WILLIAMSON COUNTY

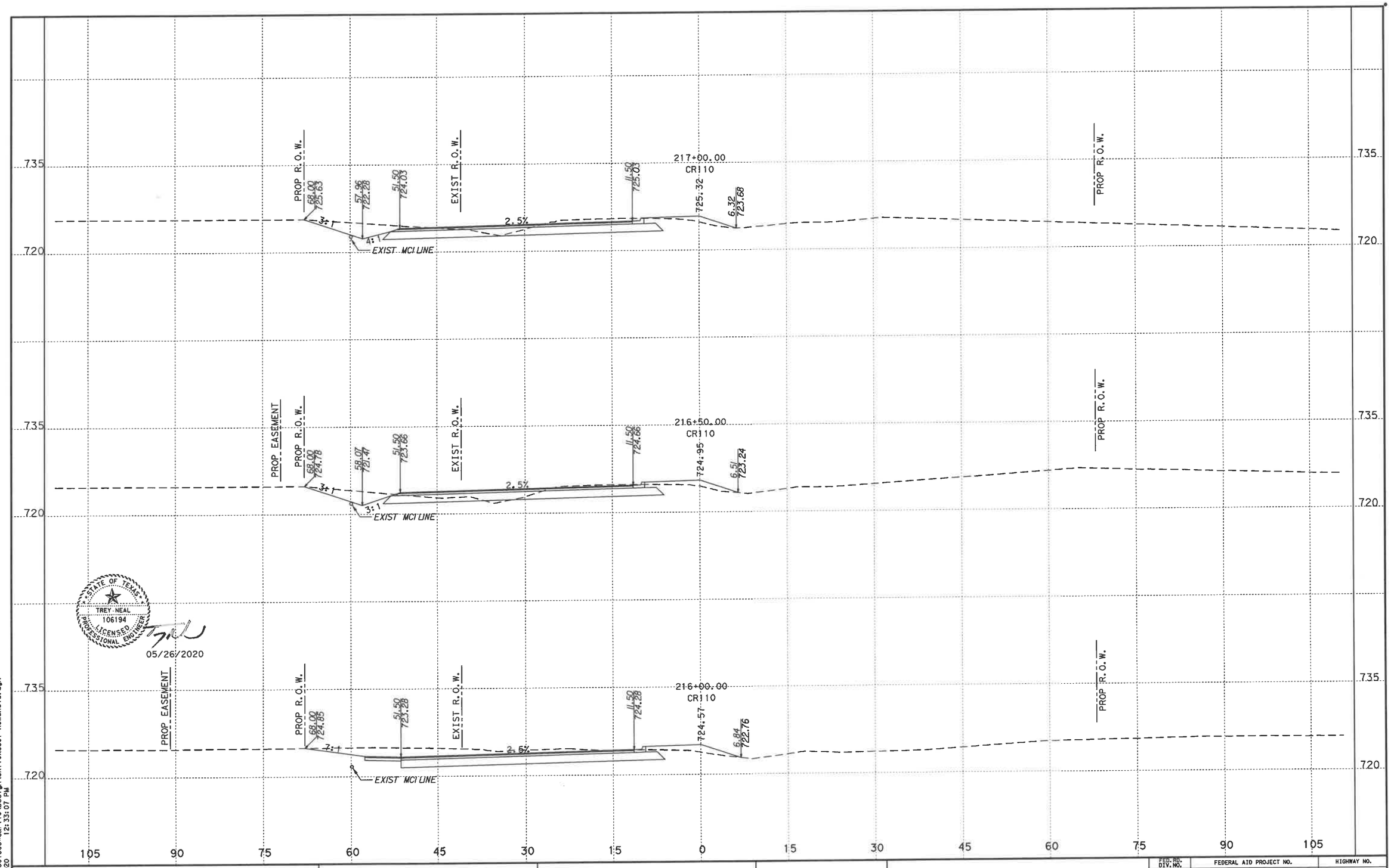
Kimley»Horn F-928

0 15
HORIZONTAL 1"=15'
VERTICAL: 1"=15'

CR 110 (MIDDLE SECTION)

FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.		HIGHWAY NO.
6			
STATE	DIST.	COUNTY	SHEET NO.
TEXAS		WILLIAMSON	7
CONT.	SECT.	JOB	

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STATE OF TEXAS
TREY NEAL
106194
LICENSED PROFESSIONAL ENGINEER
05/26/2020

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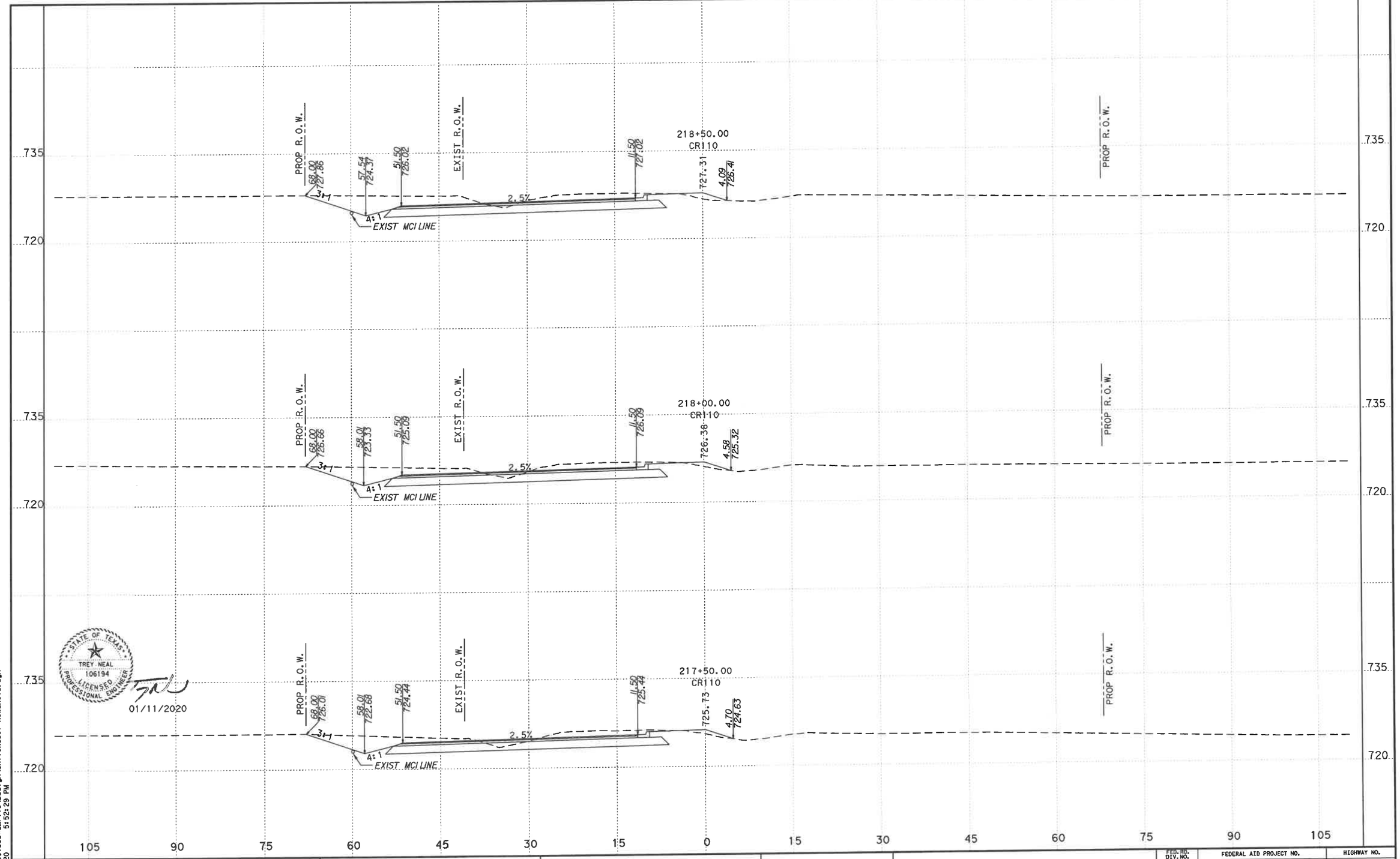
WILLIAMSON COUNTY

Kimley»Horn F-928

0 15
HORIZONTAL 1"=15'
VERTICAL: 1"=15'

CR 110 (MIDDLE SECTION)

FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.		HIGHWAY NO.
6			
STATE	DIST.	COUNTY	SHEET NO.
TEXAS		WILLIAMSON	8
CONT.	SECT.	JOB	



STATE OF TEXAS
TREY NEAL
106194
LICENSED PROFESSIONAL ENGINEER
01/11/2020

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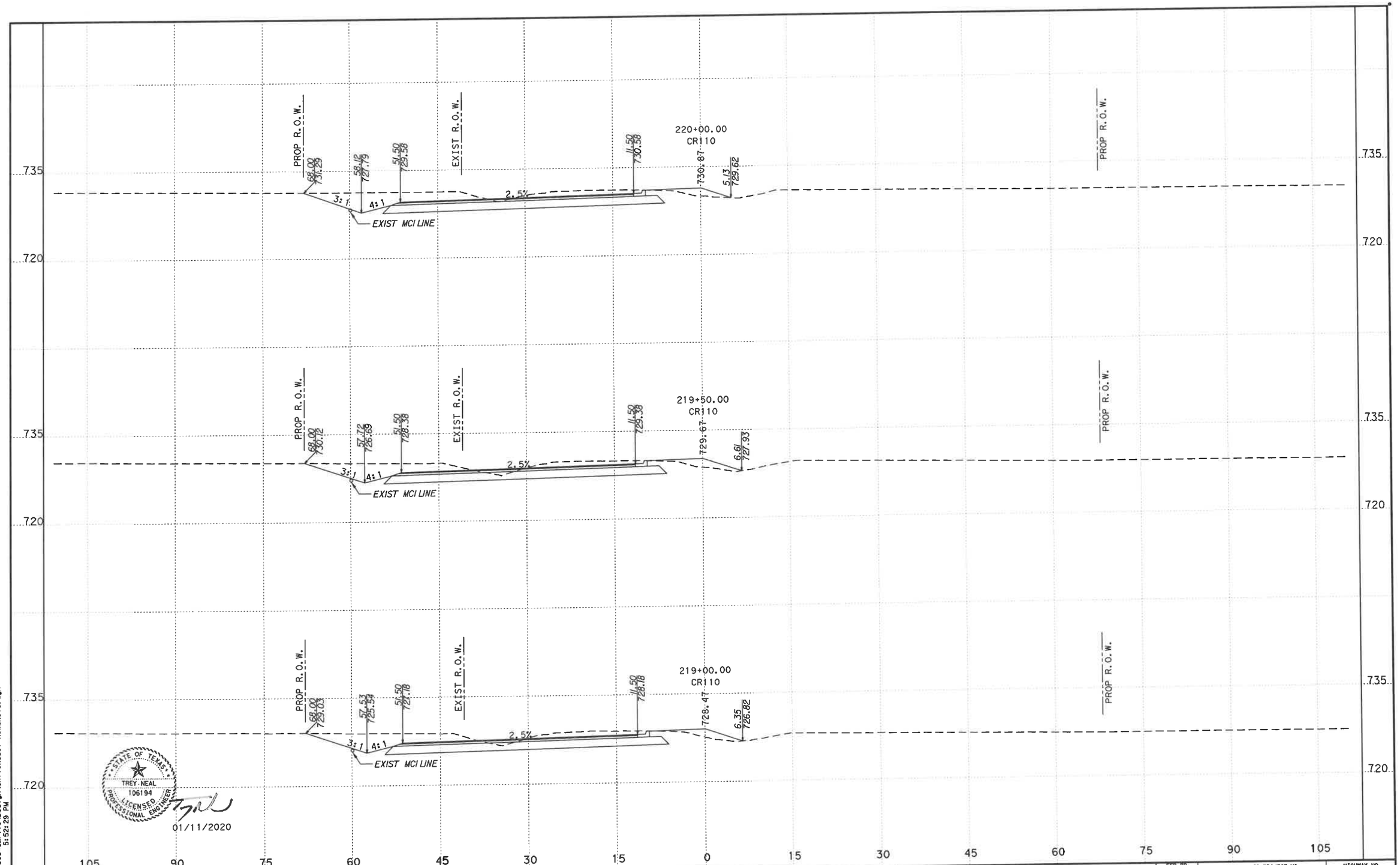
WILLIAMSON COUNTY

Kimley»Horn F-928

0 15
HORIZONTAL 1"=15'
VERTICAL: 1"=15'

CR 110 (MIDDLE SECTION)

FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.		HIGHWAY NO.
6			
STATE	DIST.	COUNTY	SHEET NO.
TEXAS		WILLIAMSON	9
CONT.	SECT.	JOB	



STATE OF TEXAS
TREY NEAL
106194
LICENSED PROFESSIONAL ENGINEER
01/11/2020

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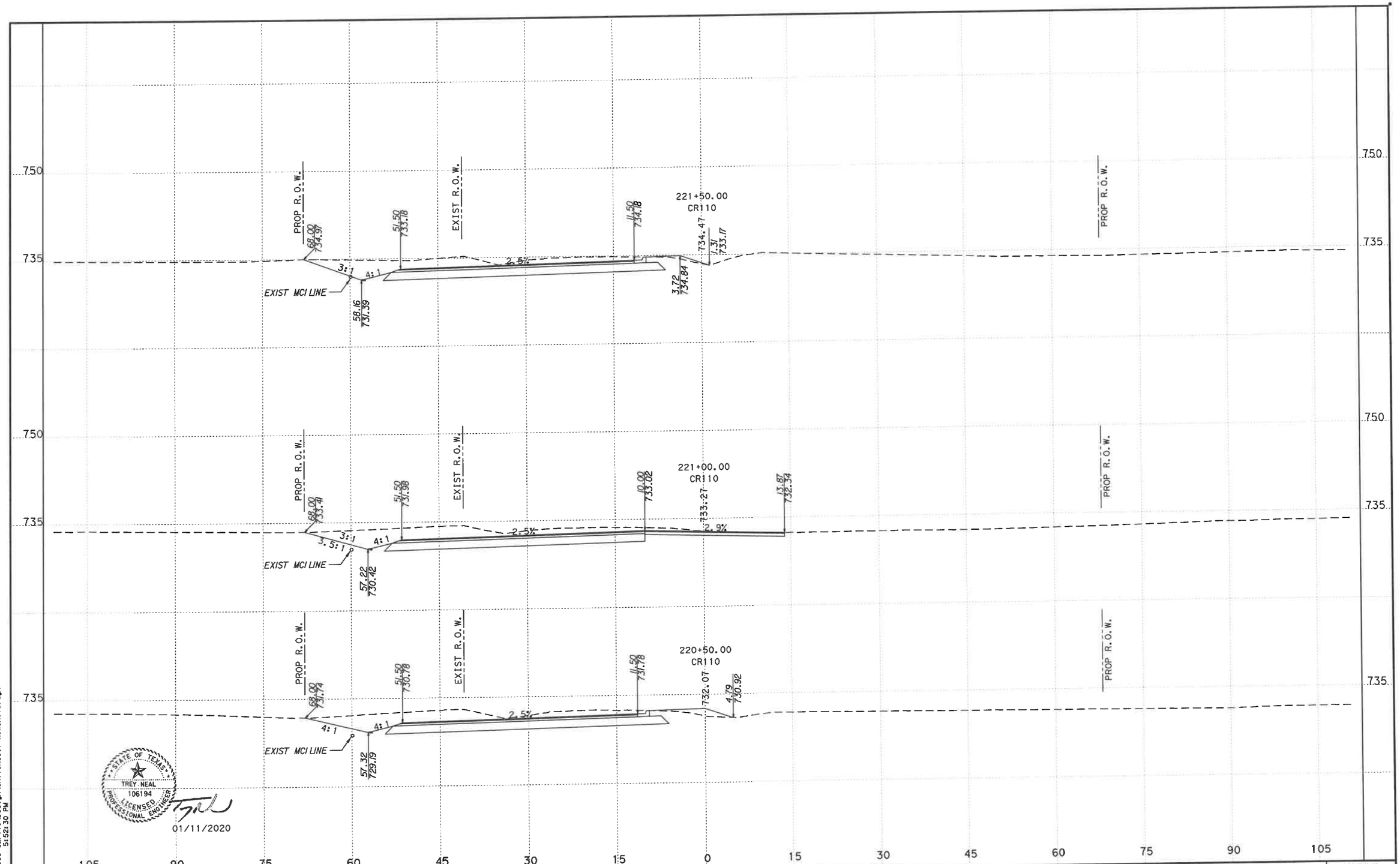
WILLIAMSON COUNTY

Kimley»Horn F-928

HORIZONTAL 1"=15'
VERTICAL: 1"=15'

CR 110 (MIDDLE SECTION)

FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.		HIGHWAY NO.
6			
STATE	DIST.	COUNTY	SHEET NO.
TEXAS		WILLIAMSON	10
CONT.	SECT.	JOB	



STATE OF TEXAS
TREY NEAL
106194
LICENSED PROFESSIONAL ENGINEER
01/11/2020

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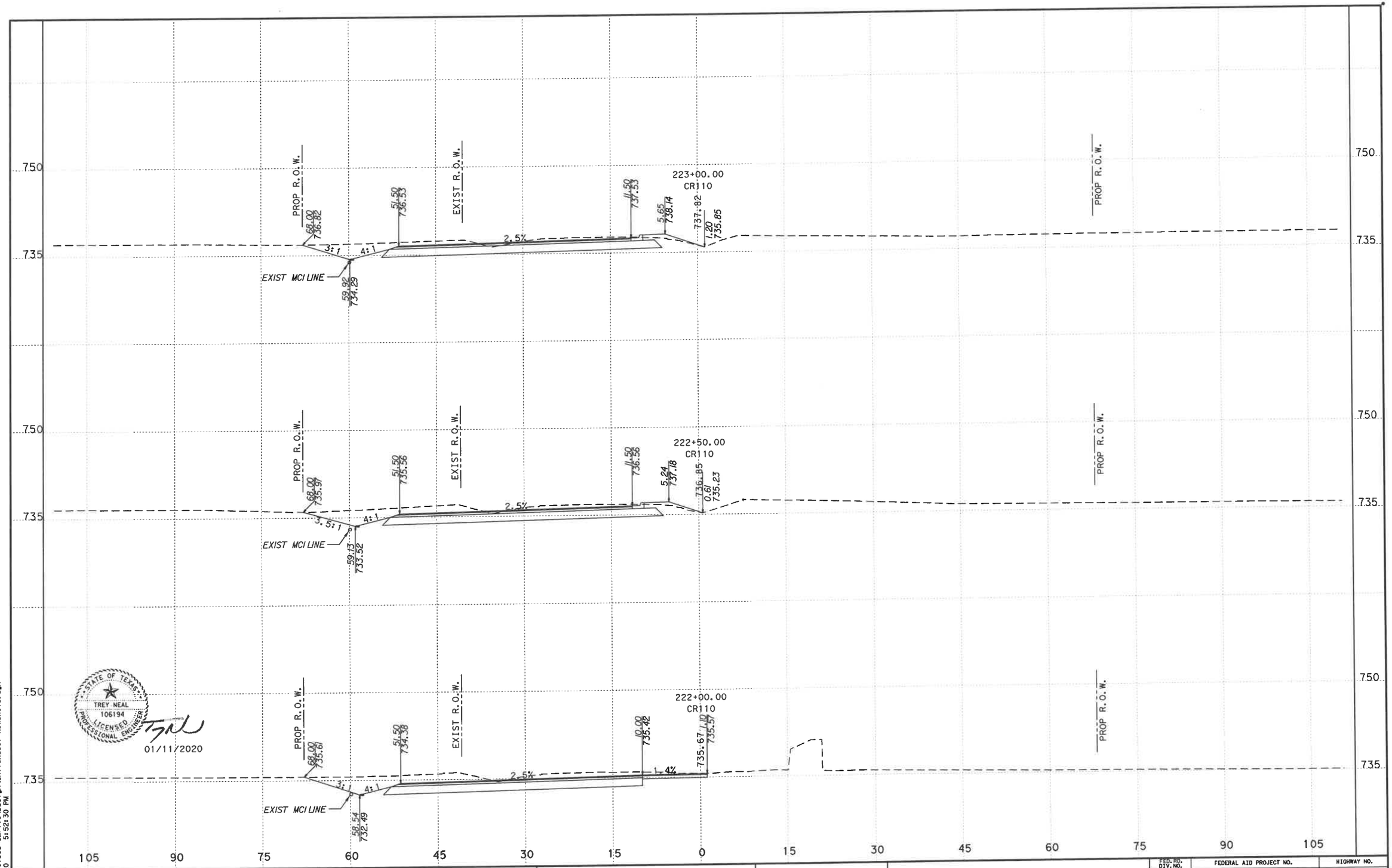
WILLIAMSON COUNTY

Kimley»Horn F-928

0 15
HORIZONTAL 1"=15'
VERTICAL: 1"=15'

CR 110 (MIDDLE SECTION)

FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.		HIGHWAY NO.
6			
STATE	DIST.	COUNTY	SHEET NO.
TEXAS		WILLIAMSON	11
CONT.	SECT.	JOB	



STATE OF TEXAS
TREY NEAL
106194
LICENSED PROFESSIONAL ENGINEER
01/11/2020

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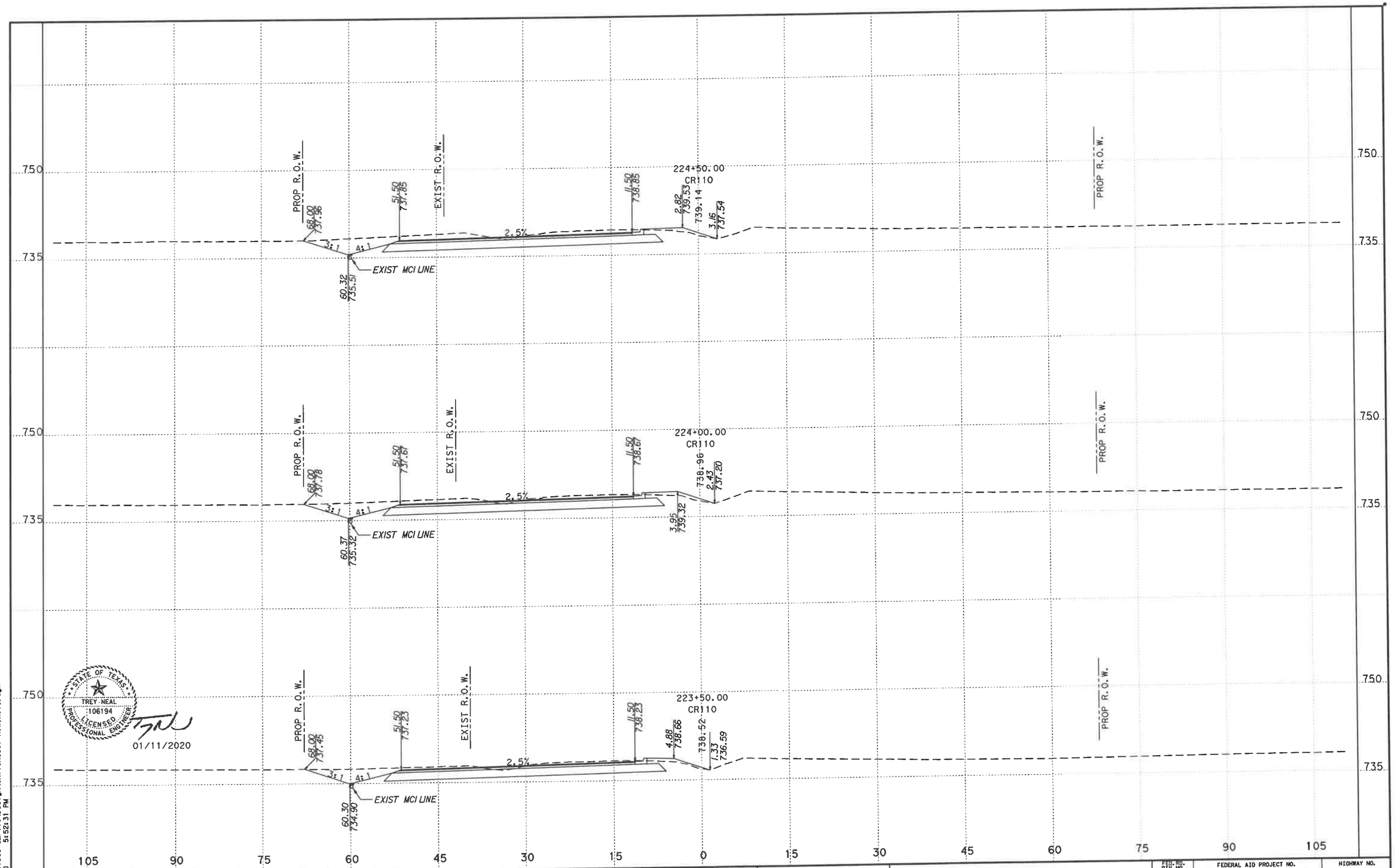
WILLIAMSON COUNTY

Kimley»Horn F-928

0 15
HORIZONTAL 1"=15'
VERTICAL: 1"=15'

CR 110 (MIDDLE SECTION)

FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.		HIGHWAY NO.
6			
STATE	DIST.	COUNTY	SHEET NO.
TEXAS		WILLIAMSON	12
CONT.	SECT.	JOB	



STATE OF TEXAS
TREY NEAL
106194
LICENSED PROFESSIONAL ENGINEER
01/11/2020

CROSS SECTIONS BASED ON AVAILABLE TOPOGRAPHIC INFORMATION. SOME FEATURES IN FIELD MAY VARY. CROSS SECTIONS NOT INTENDED TO BE USED FOR CONSTRUCTION, THEY ARE ONLY TO SUPPORT PLAN SHEETS AND NOT TO OVERRIDE THEM.

WILLIAMSON COUNTY

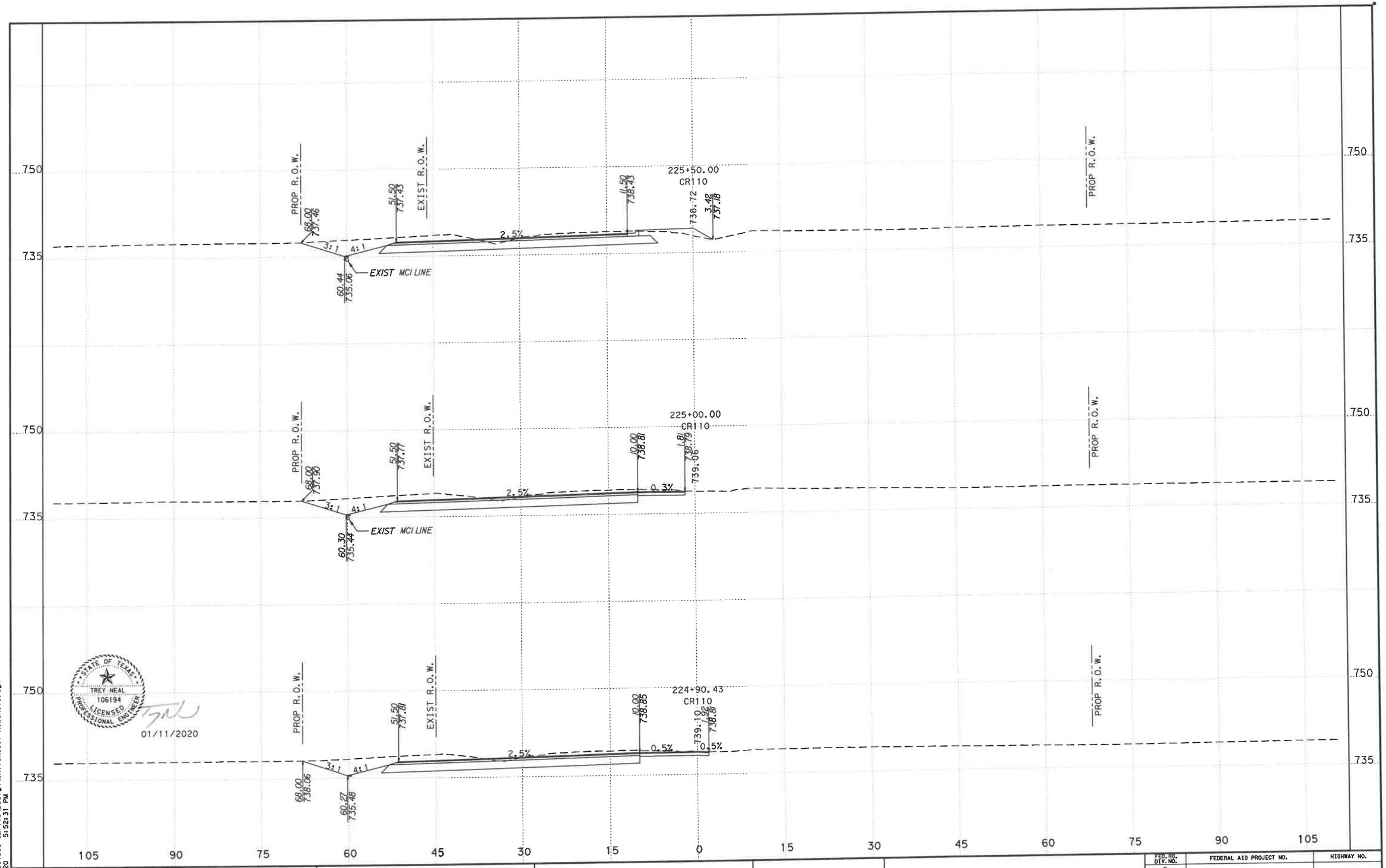
Kimley»Horn F-928

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VERTICAL: 1"=15'

CR 110 (MIDDLE SECTION)

FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.		HIGHWAY NO.
6			
STATE	DIST.	COUNTY	SHEET NO.
TEXAS		WILLIAMSON	13
CONT.	SECT.	JOB	

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STATE OF TEXAS
TREY NEAL
106194
LICENSED
PROFESSIONAL ENGINEER
01/11/2020

CROSS SECTIONS BASED ON AVAILABLE TOPOGRAPHIC INFORMATION. SOME FEATURES IN FIELD MAY VARY. CROSS SECTIONS NOT INTENDED TO BE USED FOR CONSTRUCTION, THEY ARE ONLY TO SUPPORT PLAN SHEETS AND NOT TO OVERRIDE THEM.

WILLIAMSON COUNTY

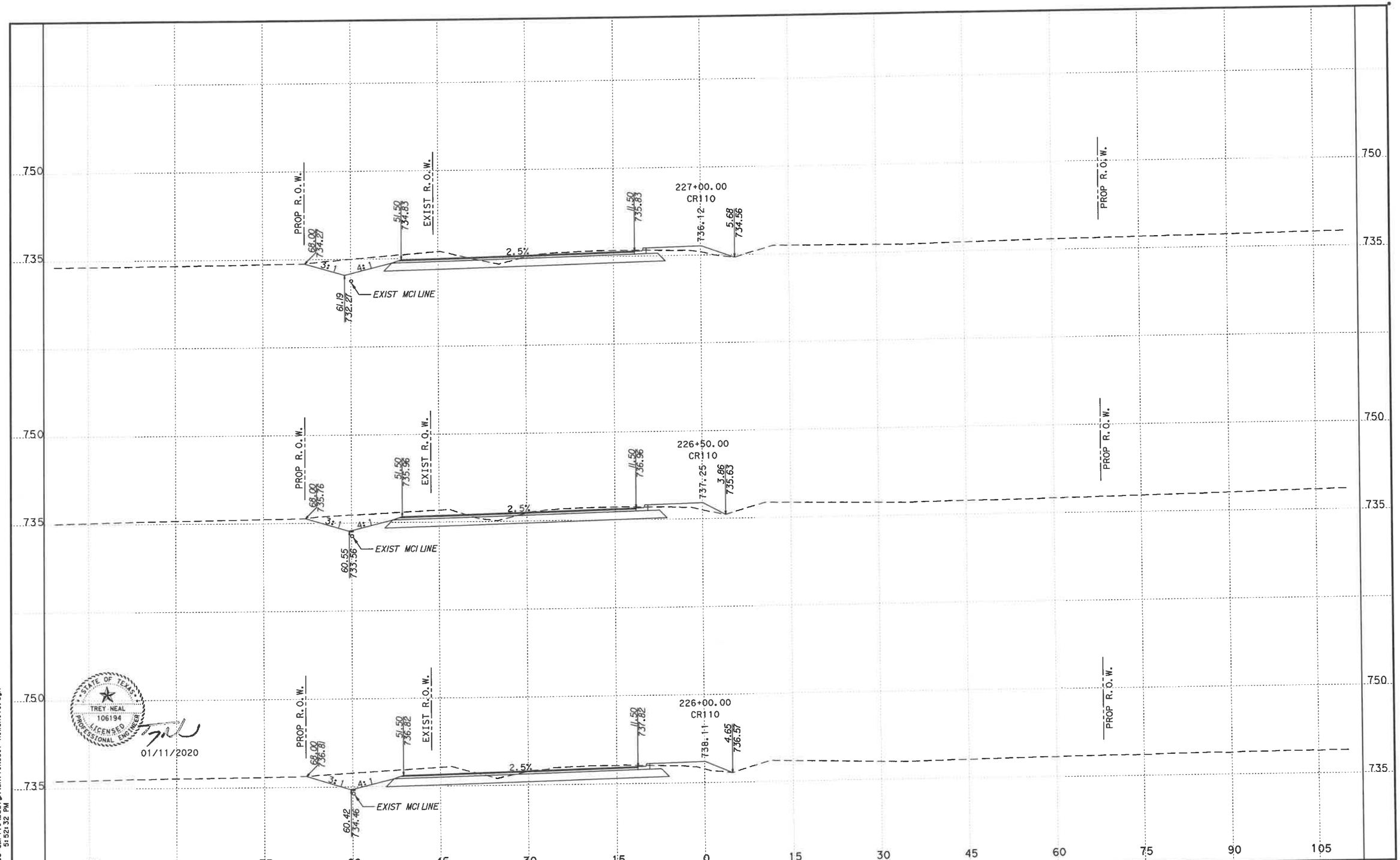
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CR 110 (MIDDLE SECTION)

FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.		HIGHWAY NO.
6			
STATE	DIST.	COUNTY	SHEET NO.
TEXAS		WILLIAMSON	
CONT.	SECT.	JOB	14

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STATE OF TEXAS
TREY NEAL
106194
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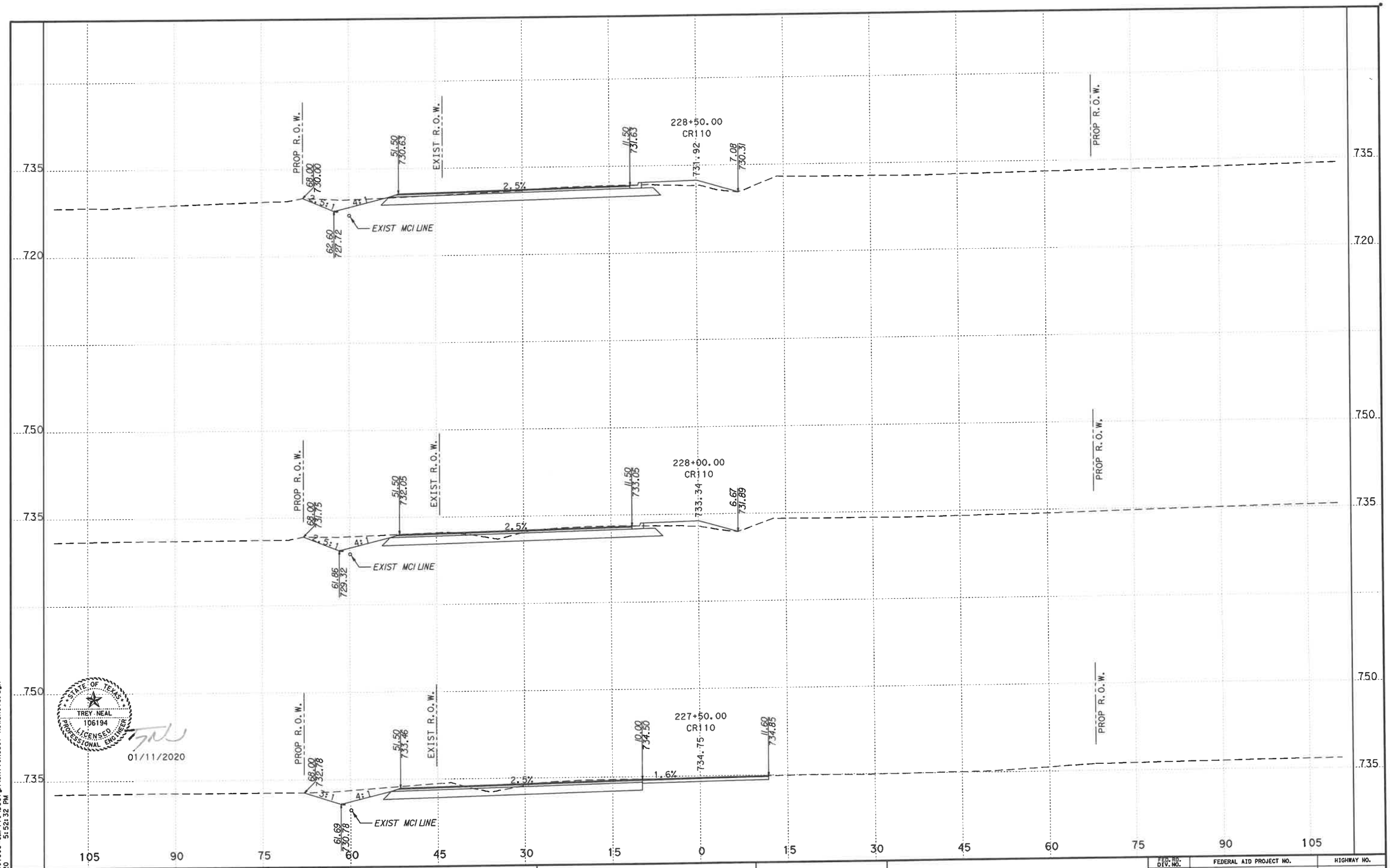
WILLIAMSON COUNTY

Kimley»Horn F-928

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CR 110 (MIDDLE SECTION)

FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.		HIGHWAY NO.
6			
STATE	DIST.	COUNTY	SHEET NO.
TEXAS		WILLIAMSON	15
CONT.	SECT.	JOB	



STATE OF TEXAS
TREY NEAL
106194
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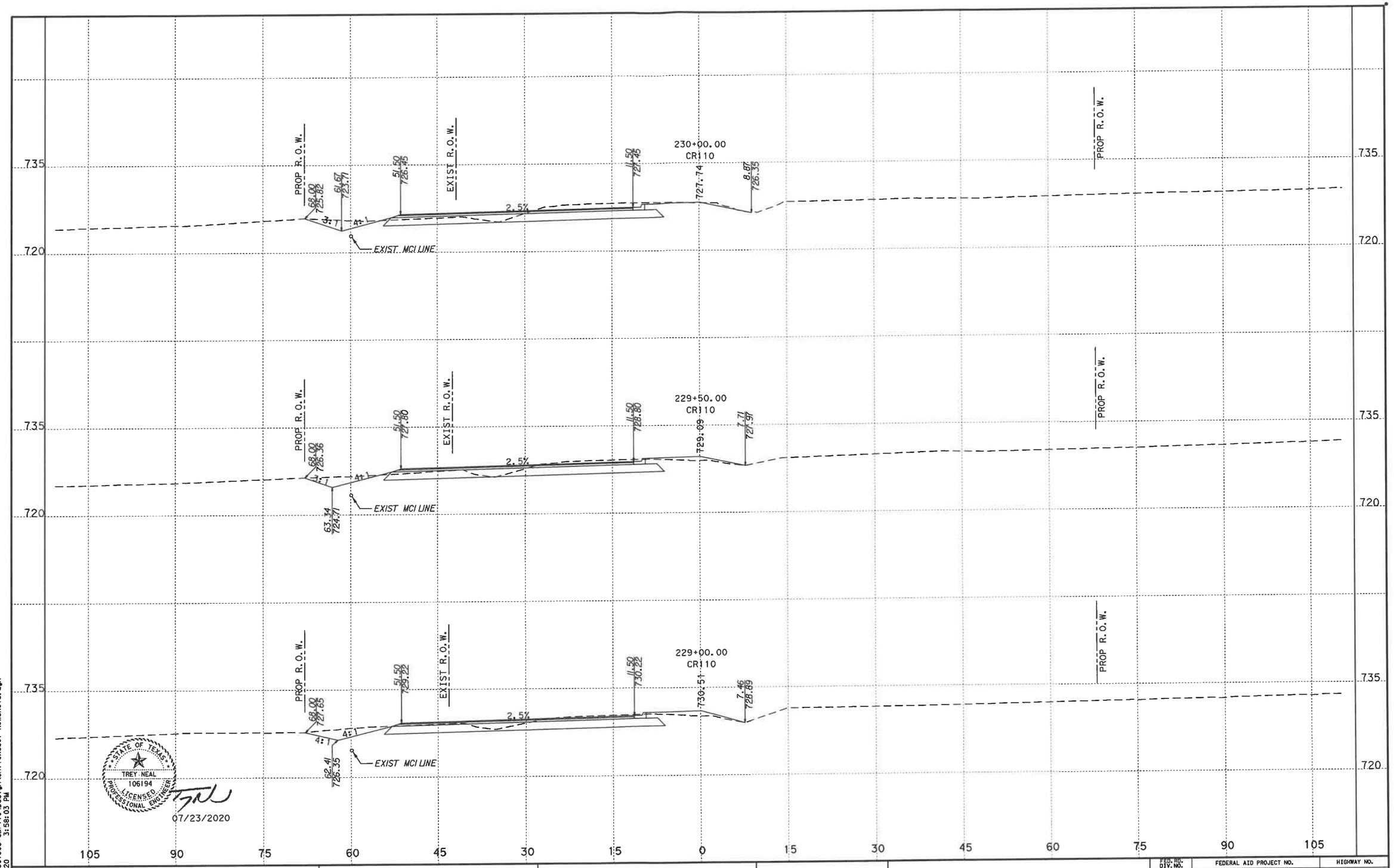
WILLIAMSON COUNTY

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CR 110 (MIDDLE SECTION)

FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.		HIGHWAY NO.
6			
STATE	DIST.	COUNTY	SHEET NO.
TEXAS		WILLIAMSON	16
CONT.	SECT.	JOB	



STATE OF TEXAS
TREY NEAL
106194
LICENSED PROFESSIONAL ENGINEER

07/23/2020

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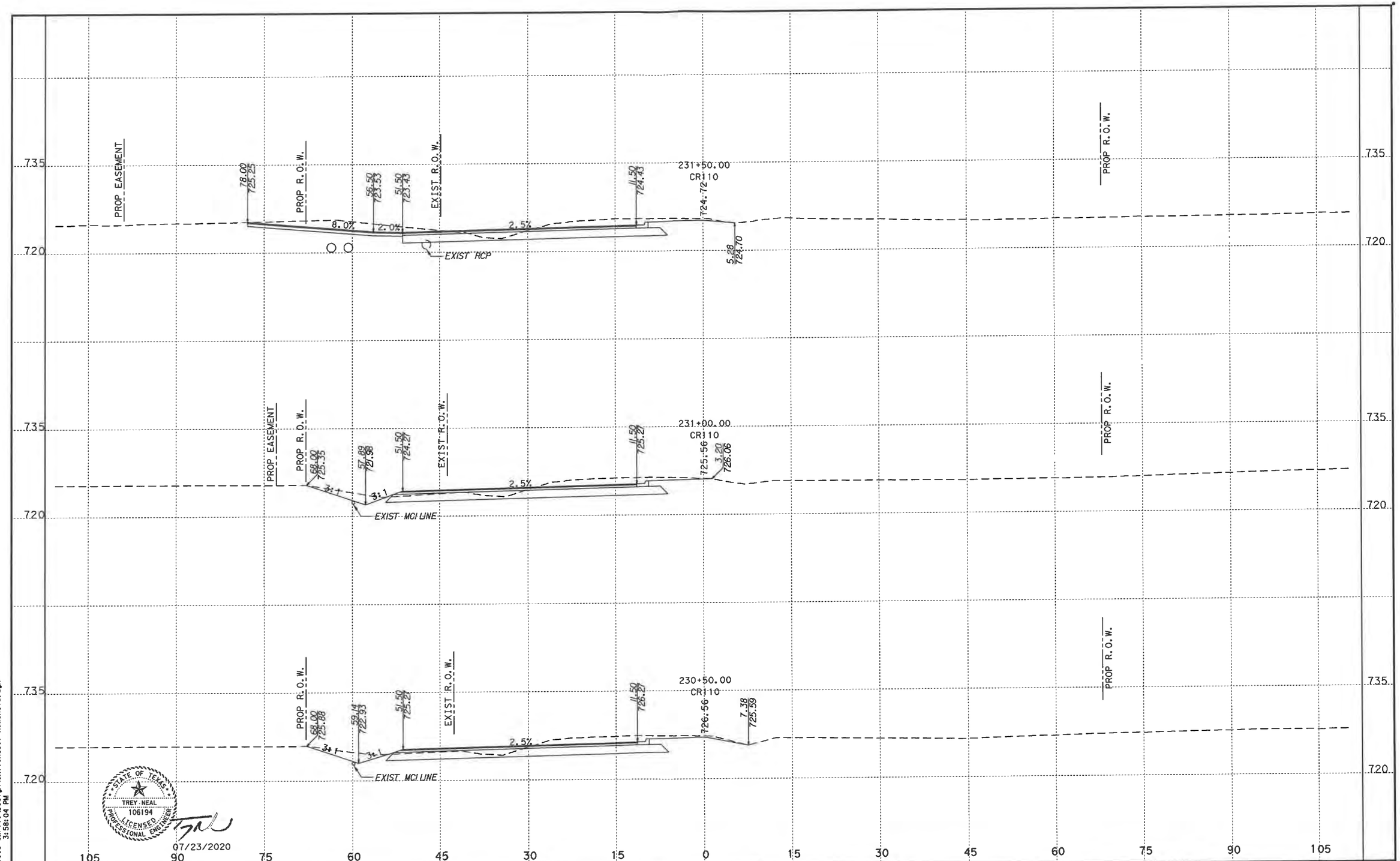
WILLIAMSON COUNTY

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CR 110 (MIDDLE SECTION)

FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.		HIGHWAY NO.
6			
STATE	DIST.	COUNTY	SHEET NO.
TEXAS		WILLIAMSON	17
CONT.	SECT.	JOB	



STATE OF TEXAS
TREY NEAL
106194
LICENSED PROFESSIONAL ENGINEER

07/23/2020

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WILLIAMSON COUNTY

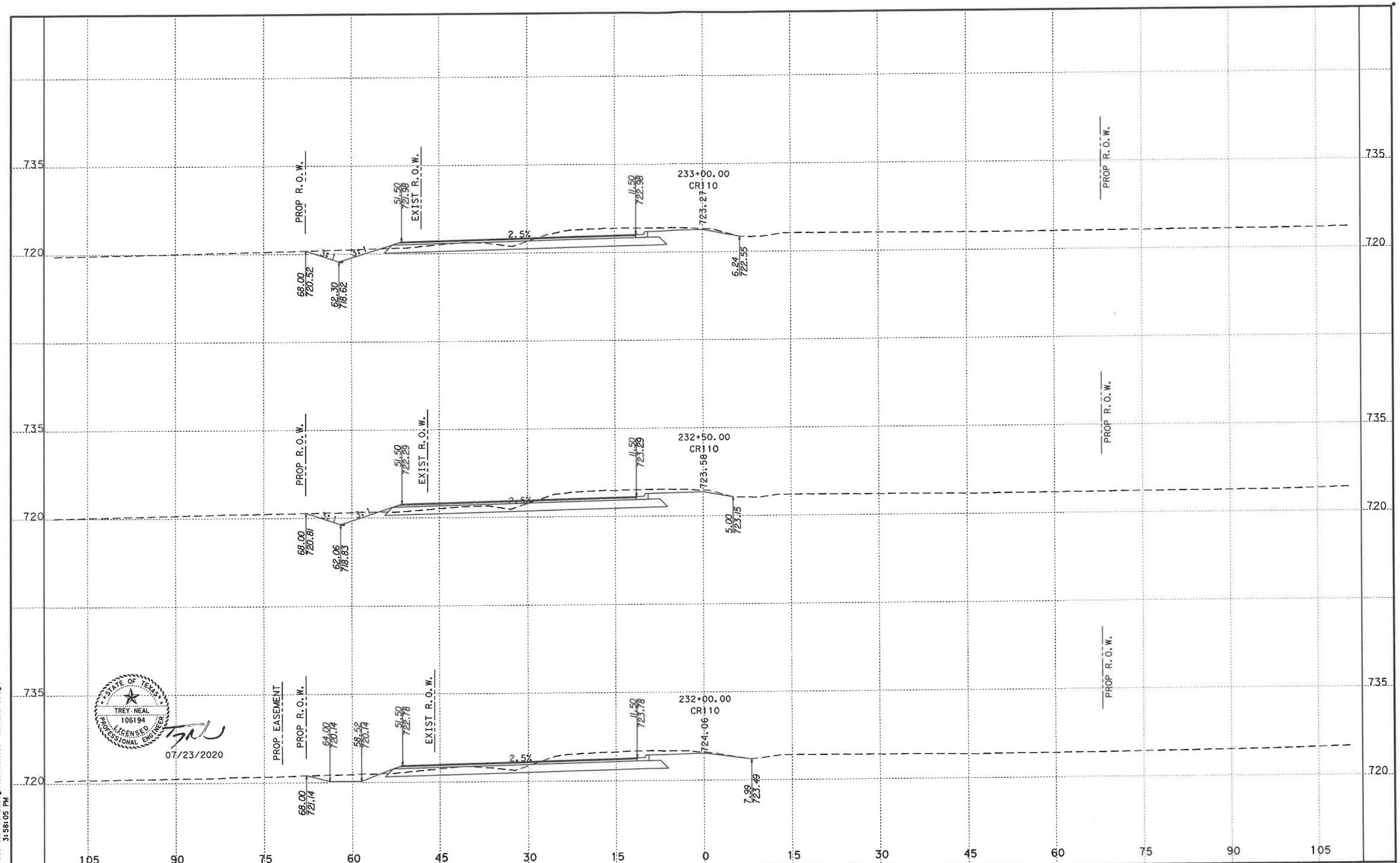
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CR 110 (MIDDLE SECTION)

FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.		HIGHWAY NO.
6			
STATE	DIST.	COUNTY	SHEET NO.
TEXAS		WILLIAMSON	18
CONT.	SECT.	JOB	

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STATE OF TEXAS
TREY NEAL
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07/23/2020

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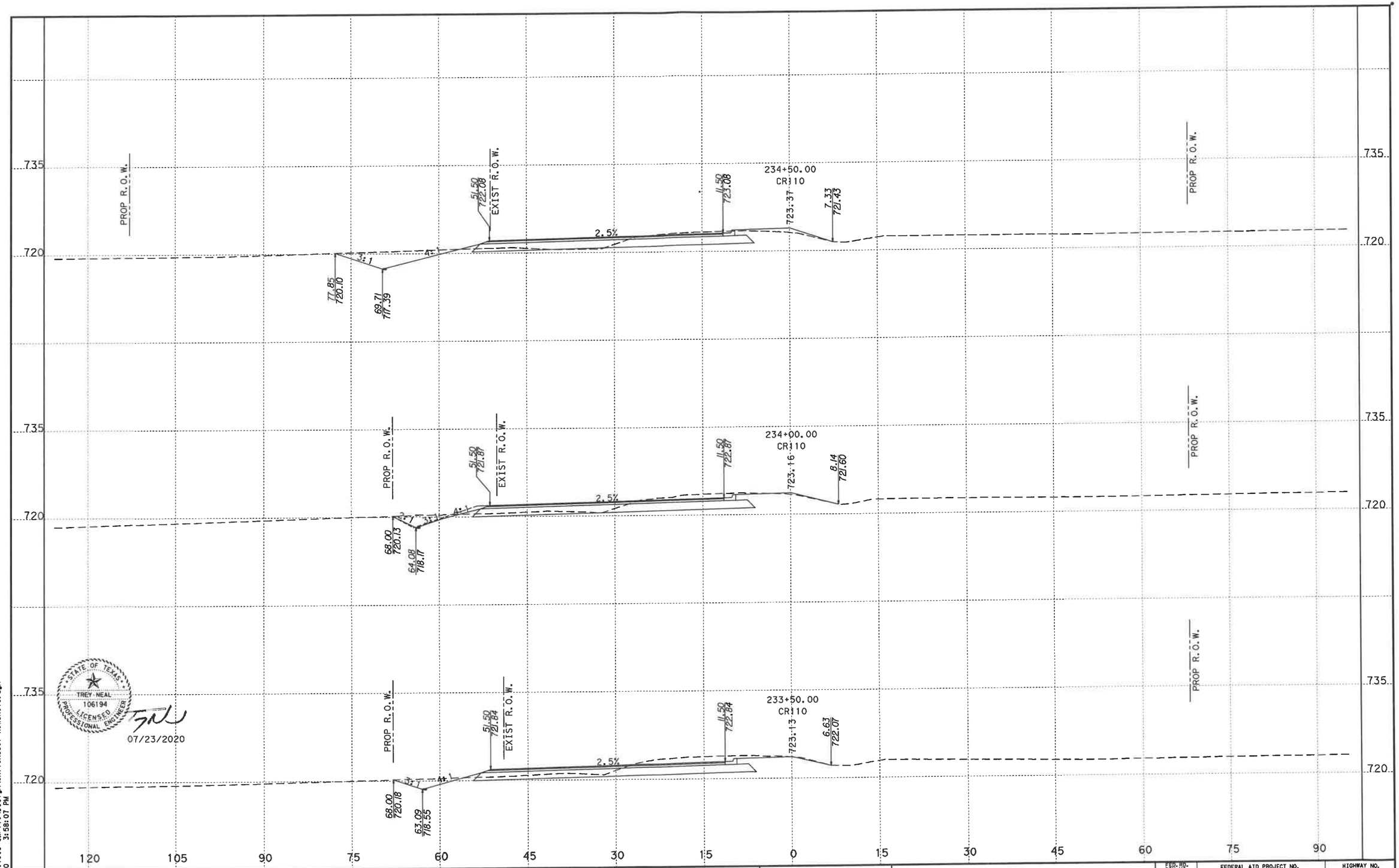
WILLIAMSON COUNTY

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CR 110 (MIDDLE SECTION)

FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.		HIGHWAY NO.
6			
STATE	DIST.	COUNTY	SHEET NO.
TEXAS		WILLIAMSON	19
CONT.	SECT.	JOB	



STATE OF TEXAS
TREY NEAL
106194
LICENSED PROFESSIONAL ENGINEER
07/23/2020

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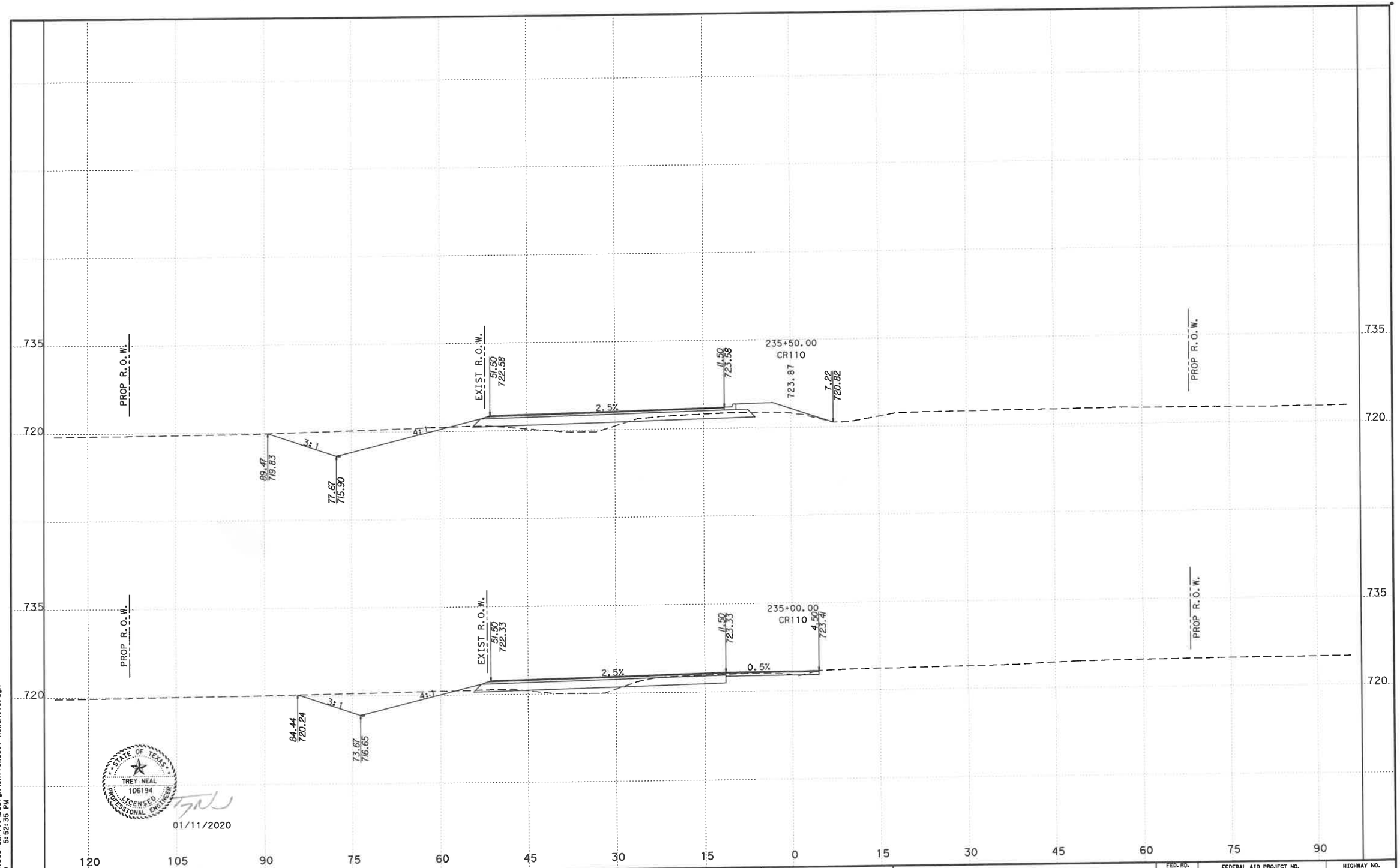
WILLIAMSON COUNTY

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CR 110 (MIDDLE SECTION)

FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.		HIGHWAY NO.
6			
STATE	DIST.	COUNTY	SHEET NO.
TEXAS		WILLIAMSON	
CONT.	SECT.	JOB	20



STATE OF TEXAS
TREY NEAL
106194
LICENSED PROFESSIONAL ENGINEER

01/11/2020

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CR 110 (MIDDLE SECTION)

FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.		HIGHWAY NO.
6			
STATE	DIST.	COUNTY	SHEET NO.
TEXAS		WILLIAMSON	21
CONT.	SECT.	JOB	

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Commissioners Court - Regular Session **38.**

Meeting Date: 03/16/2021

1809-261 CR 110 Middle Change Order No. 7

Submitted By: Dawn Haggard, Road Bond

Department: Road Bond

Agenda Category: Regular Agenda Items

Information

Agenda Item

Discuss, consider, and take appropriate action regarding Change Order No. 7 in the amount of $6,519.31 for CR 110 Middle (James Construction), a Road Bond project in Commissioner Pct. 4. P: 261 Funding Source: Road Bond

Background

This Change Order adds a pay item to compensate the Contractor, James Construction Group, to remove additional structures in the right of way (ROW) along CR 110, north of the project. The original plans called for the removal of the existing house located in the right of way at 4356 CR 110, Round Rock. After the plans were finalized, the ROW agreement between the County and the property owner was completed and the agreement called for the removal of all structures adjacent to the house. This included a barn and other small structures.

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

1809-261 CR 110 Middle Change Order No. 7

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Andrea Schiele	03/11/2021 11:15 AM
Form Started By: Dawn Haggard		Started On: 02/03/2021 12:47 PM
Final Approval Date: 03/11/2021		

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 7

1. CONTRACTOR: **James Construction Group**

2. Change Order Work Limits: Sta. **323+50** to Sta. _____

3. Type of Change(on federal-aid non-exempt projects): **Minor** (Major/Minor)

4. Reasons: **3F** (3 Max. - In order of importance - Primary first)

Project:	***1809-261***
Roadway:	***CR 110 Middle***
CSJ Number:	

5. Describe the work being revised:

3F: County Convenience. Additional work desired by the County. This Change Order adds a pay item to compensate the Contractor to remove additional structures in the right of way along CR 110 north of the project.

6. Work to be performed in accordance with Items: **See Attached.**

7. New or revised plan sheet(s) are attached and numbered: _____

8. New Special Provisions/Specifications to the contract are attached: ☐ Yes ☑ No

9. New Special Provisions to Item N/A No. N/A, Special Specification Item N/A are attached.

Each signatory hereby warrants that each has the authority to execute this Change Order (CO).

The contractor must sign the Change Order and, by doing so, agrees to waive any and all claims for additional compensation due to any and all other expenses; additional changes for time, overhead and profit; or loss of compensation as a result of this change.

THE CONTRACTOR Date 1/14/21

By _____

Typed/Printed Name Rick Lewis

Typed/Printed Title Division Mgr

The following information must be provided

Time Ext. #: **N/A** Days added on this CO: **0**

Amount added by this change order: **$6,519.31**

RECOMMENDED FOR EXECUTION:

_____ 2/1/21
Project Manager Date

N/A
Design Engineer Date

3/4/2021
Program Manager Date

Design Engineer's Seal:

see attached plan sheets

County Commissioner Precinct 1 Date
☐ APPROVED ☐ REQUEST APPROVAL

County Commissioner Precinct 2 Date
☐ APPROVED ☐ REQUEST APPROVAL

County Commissioner Precinct 3 Date
☐ APPROVED ☐ REQUEST APPROVAL

County Commissioner Precinct 4 Date
☐ APPROVED ☐ REQUEST APPROVAL

County Judge Date
☐ APPROVED

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: *7* ***Project #*** *1809-261*

TABLE A: Force Account Work and Materials Placed into Stock

	LABOR	HOURLY RATE		HOURLY RATE

TABLE B: Contract Items:

				ORIGINAL + PREVIOUSLY REVISED		ADD or (DEDUCT)	NEW		
ITEM	DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	ITEM COST	QUANTITY	QUANTITY	ITEM COST	OVERRUN/ UNDERRUN
999-WC04	REMOVE STRUCTURES IN ROW	LS	$6,519.31	0.00	$0.00	1.00	1.00	$6,519.31	$6,519.31
TOTALS					$0.00			$6,519.31	$6,519.31

CHANGE ORDER REASON(S) CODE CHART

1. Design Error or Omission	1A. Incorrect PS&E 1B. Other
2. Differing Site Conditions (unforeseeable)	2A. Dispute resolution (expense caused by conditions and/or resulting delay) 2B. Unavailable material 2C. New development (conditions changing after PS&E completed) 2D. Environmental remediation 2E. Miscellaneous difference in site conditions (unforeseeable)(Item 9) 2F. Site conditions altered by an act of nature 2G. Unadjusted utility (unforeseeable) 2H. Unacquired Right-of-Way (unforeseeable) 2I. Additional safety needs (unforeseeable) 2J. Other
3. County Convenience	3A. Dispute resolution (not resulting from error in plans or differing site conditions) 3B. Public relations improvement 3C. Implementation of a Value Engineering finding 3D. Achievement of an early project completion 3E. Reduction of future maintenance 3F. Additional work desired by the County 3G. Compliance requirements of new laws and/or policies 3H. Cost savings opportunity discovered during construction 3I. Implementation of improved technology or better process 3J. Price adjustment on finished work (price reduced in exchange for acceptance) 3K. Addition of stock account or material supplied by state provision 3L. Revising safety work/measures desired by the County 3M. Other
4. Third Party Accommodation	4A. Failure of a third party to meet commitment 4B. Third party requested work 4C. Compliance requirements of new laws and/or policies (impacting third party) 4D. Other
5. Contractor Convenience	5A. Contractor exercises option to change the traffic control plan 5B. Contractor requested change in the sequence and/or method of work 5C. Payment for Partnering workshop 5D. Additional safety work/measures desired by the contractor 5E. Other
6. Untimely ROW/Utilities	6A. Right-of-Way not clear (third party responsibility for ROW) 6B. Right-of-Way not clear (County responsibility for ROW) 6C. Utilities not clear 6D. Other

Williamson County Road Bond Program

CR 110 Middle
Williamson County Project No. 1809-261

Change Order No. 7

Reason for Change

This Change Order adds a pay item to compensate the Contractor, James Construction Group, to remove additional structures in the right of way (ROW) along CR 110, north of the project.

The original plans called for the removal of the existing house located in the right of way at 4356 CR 110, Round Rock. After the plans were finalized, the ROW agreement between the County and the property owner was completed and the agreement called for the removal of all structures adjacent to the house. This included a barn and other small structures.

Following is a summary of new items required for this Change Order:

ITEM	DESCRIPTION	QTY	UNIT
999-WC04	REMOVE STRUCTURES IN RIGHT OF WAY	1.00	LS

This Change Order results in a net increase of $6,519.31 to the Contract amount, for an adjusted Contract total of $9,063,878.95. The original Contract amount was $8,910,862.73. As a result of this and all Change Orders to-date, the Contract has been increased by $153,015.82, resulting in a 1.72% increase in the Contract cost. Zero (0) additional days will be added to the Contract as a result of this Change Order.

HNTB Corporation

James Klotz, P.E.

INVOICE

Date: 10/2/2020

Invoice # 10743-04

Primoris Services Corporation
James Construction Group

Bill To:
Eddie Chruch
HNTB Corporation
101 E. Old Settlers Blvd, Suite 100
Round Rock, TX 78664

RE:
Williamson
CR 110
Project No.: 1809-261
Control No.: 1809-261

Qty	UM	Description	Unit Price	Total
1.00	LS	Remove Barn and Trees	$6,519.31	**$6,519.31**
			Total	**$6,519.31**

James Construction Group, LLC

Contractor's Basis of Estimate

Date:	9/25/2020	**Project:**	CR110 (MIDDLE SECTION)	**County:**	Williamson
CO Pricing Good For:	45 Days (unless noted otherwise elsewhere)	**Control:**	1809-261	**Highway:**	CR110
Description:	Remove Barn and Trees North of Project	**Original Contract:**		**Net CO:**	$ -
				Revised Contract:	
Estimated Qty:	1.00 LS	**Narrative:**	JCG cleared the entire plot at 4356 CR110 South per HNTB's direction. JCG removed a barn, several trees and took all waste to the dump.		
Estimated Change in Contract Sum:	$ 6,519.31				
Estimated Change in Contract Time:					

JCG reserves the right to request equitable time and monetary adjustments for additional or unforeseen work resulting from this change order.

Labor	Reg Hrs	OT Hrs	UM	Reg Rate	OT Rate (x1.5)	Extended
Mike Willess	4.00		HR	$ 26.00		$ 104.00
Willie Copeland	4.00		HR	$ 15.00		$ 60.00
Chris Walding	4.00		HR	$ 16.00		$ 64.00
						$ -
					Subtotal	$ 228.00
					15% Markup	$ 34.20
					55% Burdens	$ 125.40
					Total Labor	$ 387.60

Equipment	QTY	UM	Rate	Extended
Kobatsu Excavator PC360LC	4.00	HR	$ 125.65	$ 502.60
				$ -
				$ -
			Subtotal	$ 502.60
			15% Markup	$ 75.39
			Total Equipment	$ 577.99

Subcontractors	QTY	UM	Price	Extended
Arrow Recycling Inv# 11607				$ -
Trash Swap Fee/Ton	51.02	Tons	$ 73.61	$ 3,755.58
Trash Swap Fee/Load	4.00	EA	$ 270.63	$ 1,082.50
Brush Swap Fee/Load	1.00	EA	$ 389.70	$ 389.70
			Subtotal	$ 5,227.78
			15% Markup	$ 261.39
			Total Subcontract	$ 5,489.17

Material	Ferguson Item Number	QTY	UM	Price	Extended
					$ -
					$ -
					$ -
					$ -
				Subtotal	$ -
				15% Markup	$ -
				Total Material	$ -

Additional Work Items	QTY	Units	Price	Extended
		DOL	$ -	$ -
			Total	$ -

TOTAL OF WORK PERFORMED	**$ 6,454.76**
BOND FEE (ADD 1%)	**$ 64.55**
TOTAL COST	**$ 6,519.31**
UNIT PRICE (TOTAL COST/EST. QTY)	**$ 6,519.31**

James Construction Group, LLC.
5880 West U.S. HWY. 190
Belton, Texas 76513
Phone: (254) 939-8610
Fax: (254) 939-8611

CR110 Middle Extra Work Form
Job # 10743

Foreman: Andrew Gutierrez
Date: 9-25-2020

Description of Work

Demo Barn, Clear trees and hauled off

LABOR			
NAME	CRAFT/CLASS	HRS	DESCRIPTION OF TASK
Mike Willess	8/T 1304	4	demo, cleared and load w/excavator
Willie Copeland	8/T 1369	4	spotter, clean up
Chris Walding	19/T 1175	4	spotter, clean up

EQUIPMENT		MATERIALS		
EQUIPMENT TYPE	EQUIPMENT #	MATERIAL DESCRIPTION	QTY	UoM
Excavator (rental)	Kms3476m			
Truck w/2 dumpsters		(Arrow recycling) 5 loads from Demoed barn 1 load of trees and brush	6	

Owner's Representative

Name: _____
Signature: _____
Date: _____

JCG Representative

Name: _____
Signature: _____
Date: _____

EquipmentWatch.

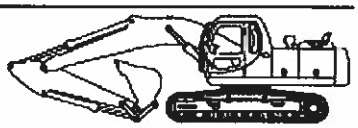
www.equipmentwatch.com

All prices shown in US dollars ($)

Rental Rate Blue Book®

October 2, 2020

Komatsu PC360LC-3 (disc. 1990)
Crawler Mounted Hydraulic Excavators



Size Class:
33.1 - 40.0 MTons
Weight:
78700 lbs

Configuration for PC360LC-3 (disc. 1990)

Operating Weight	**35.7 mt**	Power Mode	**Diesel**

Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

	Ownership Costs				Estimated Operating Costs	FHWA Rate**
	Monthly	**Weekly**	**Daily**	**Hourly**	**Hourly**	**Hourly**
Published Rates	USD $11,185.00	USD $3,130.00	USD $785.00	USD $120.00	USD $68.07	USD $131.62
Adjustments						
Region (Texas: 90.6%)	(USD $1,051.39)	(USD $294.22)	(USD $73.79)	(USD $11.28)		
Model Year (1990: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	**USD $10,133.61**	**USD $2,835.78**	**USD $711.21**	**USD $108.72**	**USD $68.07**	**USD $125.65**

Non-Active Use Rates

	Hourly
Standby Rate	USD $29.36
Idling Rate	USD $78.95

Rate Element Allocation

Element	**Percentage**	**Value**
Depreciation (ownership)	40%	USD $4,474.00/mo
Overhaul (ownership)	49%	USD $5,480.65/mo
CFC (ownership)	6%	USD $671.10/mo
Indirect (ownership)	5%	USD $559.25/mo
Fuel (operating) @ USD 2.40	31%	USD $21.37/hr

Revised Date: 2nd half 2020

These are the most accurate rates for the selected Revision Date(s). However, due to more frequent online updates, these rates may not match Rental Rate Blue Book Print. Visit the Cost Recovery Product Guide on our Help page for more information.

The equipment represented in this report has been exclusively prepared for ALLISON CANGELOSI (acangelosi@jcgllc.com)

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INVOICE

ARROW ROLL OFFS AND RECYCLING INC
3010 County Road 175
Leander, TX 78641

DATE	INVOICE #
9/29/2020	11607

BILL TO:

James Construction Group LLC
P.O. Box 90022
Baton Rouge, Louisiana 70879-9022

JOB SITE:

7075 CR 110

TERMS	SERVICE DATE	DRIVER
Due on receipt	9/25/2020	BILLY S

	Description	Price Each	Amount
	BOX DROP FOR SWAP OUT	0.00	0.00T
	Trash Swap Fee (1)	250.00	250.00T
13.94	Fee by the ton	68.00	947.92T
	BOX DROP FOR SWAP OUT	0.00	0.00T
	Brush Swap Fee (2)	360.00	360.00T
	BOX DROP FOR SWAP OUT	0.00	0.00T
	Brush Swap Fee (3)	360.00	360.00T
	BOX DROP FOR SWAP OUT	0.00	0.00T
	Brush Swap Fee (4)	360.00	360.00T
	BOX DROP FOR SWAP OUT	0.00	0.00T
	Trash Swap Fee (5)	250.00	250.00T
9.14	Fee by the ton	68.00	621.52T
	BOX DROP FOR SWAP OUT	0.00	0.00T
	Trash Swap Fee (6)	250.00	250.00T
17.57	Fee by the ton	68.00	1,194.76T
	BOX DROP FOR SWAP OUT	0.00	0.00T
	Trash Swap Fee (7)	250.00	250.00T
10.37	Fee by the ton	68.00	705.16T

Subtotal	$5,549.36
Sales Tax (8.2...	$457.82
Balance Due	**$6,007.18**

Thank you for your business.
A/R Contact: PAM@ARROWROLLOFFS.COM
512-259-6997

CUSTOMERS ARE RESPONSIBLE AND WILL BE INVOICED SEPERATELY FOR ALL DAMAGES TO THIS CONTAINER

5880 West US Hwy 190
Belton, 76513
Job Phone: (254) 939-8610
Job Fax: (254) 939-8611

James Construction Group

1/07/2021

JCG Letter# 10783-12

EDDIE CHURCH
HNTB CORPORATION
101 E. Old Settlers Blvd, Suite 100
Round Rock, TX 78664

WILLIAMSON Co. - CR 110 MIDDLE SECTION
Job #: 1809-261
Control#: 1809-261
RE: Return CO-07 Remove Structures

Dear Mr. Chruch:

Please see attached signed Change Order #7 for the above referenced project.

Please review, sign and return executed copy.

James Construction Group does not waive any original contract conditions to submit costs or claims associated or arising from delayed or changed work. This includes occasions when it becomes necessary to perform extra work at HNTB's request. Upon execution of HNTB's change order form, the contractor reserves its right to submit or claim any extra costs, overhead, and delay time with associated costs arising from or pertaining to the change order regardless of the unilateral disclaimer clause "statement of agreement" on the attached Change Order.

Respectfully,
James Construction Group



Paul Hering
Project Manager

CC: Job File

Commissioners Court - Regular Session **39.**

Meeting Date: 03/16/2021

1809-261 CR 110 Middle Change Order No. 8

Submitted By: Dawn Haggard, Road Bond

Department: Road Bond

Agenda Category: Regular Agenda Items

Information

Agenda Item

Discuss, consider, and take appropriate action regarding Change Order #8 in the amount of $233,343.80 for CR 110 Middle (James Construction Group), a Road Bond project in Commissioner Pct. 4. P: 261 Funding Source: Road Bond

Background

This Change Order adds a pay item to compensate the Contractor, James Construction Group, for extended project overhead costs caused by delays due to utility relocations. The plans included Special Provisions 002-WC02 Utilities Important Notice to Contractors that provides the estimated utility clear dates for utilities in conflict with the construction of the roadway, at the time of the bid letting date.

Each utility was in conflict in multiple locations on the project. The Contractor requests extended overhead costs for 140 days of delay costs at a rate of $1,660.74 per day. The extended overhead includes the cost for management of the project, including Project Manager, Project Engineer, Superintendent, Utility Superintendent and related vehicles.

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

1809-261 CR 110 Middle Change Order No. 8

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Andrea Schiele	03/11/2021 11:44 AM
Form Started By: Dawn Haggard		Started On: 02/03/2021 01:12 PM
Final Approval Date: 03/11/2021		

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 8

1. CONTRACTOR: **James Construction Group**

2. Change Order Work Limits: Sta. **207+34** to Sta. **323+50**

3. Type of Change(on federal-aid non-exempt projects): **Minor** (Major/Minor)

4. Reasons: **6C** (3 Max. - In order of importance - Primary first)

Project:	***1809-261***
Roadway:	***CR 110 Middle***
CSJ Number:	

5. Describe the work being revised:

6C: Untimely ROW/Utilities. Utilities not clear. This Change Order adds a pay item to compensate the Contractor for extended project overhead costs caused by delays to the utility relocation.

6. Work to be performed in accordance with Items: **See Attached.**

7. New or revised plan sheet(s) are attached and numbered: **N/A**

8. New Special Provisions/Specifications to the contract are attached: ☐ Yes ☑ No

9. New Special Provisions to Item N/A No. N/A, Special Specification Item N/A are attached.

Each signatory hereby warrants that each has the authority to execute this Change Order (CO).

The contractor must sign the Change Order and, by doing so, agrees to waive any and all claims for additional compensation due to any and all other expenses; additional changes for time, overhead and profit; or loss of compensation as a result of this change.

THE CONTRACTOR Date 1/14/21

By: _____

Typed/Printed Name Rock Lewis

Typed/Printed Title Division Mgr

The following information must be provided

Time Ext. #: 1 Days added on this CO: 144

Amount added by this change order: **$233,343.80**

RECOMMENDED FOR EXECUTION:

_____ 2/1/21
Project Manager Date

N/A
Design Engineer Date

3/4/2021
Program Manager Date

Design Engineer's Seal:

see attached plan sheets

County Commissioner Precinct 1 Date
☐ APPROVED ☐ REQUEST APPROVAL

County Commissioner Precinct 2 Date
☐ APPROVED ☐ REQUEST APPROVAL

County Commissioner Precinct 3 Date
☐ APPROVED ☐ REQUEST APPROVAL

County Commissioner Precinct 4 Date
☐ APPROVED ☐ REQUEST APPROVAL

County Judge Date
☐ APPROVED

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: *8* ***Project #*** *1809-261*

TABLE A: Force Account Work and Materials Placed into Stock

	LABOR	HOURLY RATE		HOURLY RATE

TABLE B: Contract Items:

				ORIGINAL + PREVIOUSLY REVISED		ADD or (DEDUCT)	NEW		
ITEM	DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	ITEM COST	QUANTITY	QUANTITY	ITEM COST	OVERRUN/ UNDERRUN
999-WC05	EXTENDED PROJECT OVERHEAD FOR UTILITY RELOCATION IMPACT	LS	$233,343.80	0.00	$0.00	1.00	1.00	$233,343.80	$233,343.80
TOTALS					$0.00			$233,343.80	$233,343.80

CHANGE ORDER REASON(S) CODE CHART

1. Design Error or Omission	1A. Incorrect PS&E 1B. Other
2. Differing Site Conditions (unforeseeable)	2A. Dispute resolution (expense caused by conditions and/or resulting delay) 2B. Unavailable material 2C. New development (conditions changing after PS&E completed) 2D. Environmental remediation 2E. Miscellaneous difference in site conditions (unforeseeable)(Item 9) 2F. Site conditions altered by an act of nature 2G. Unadjusted utility (unforeseeable) 2H. Unacquired Right-of-Way (unforeseeable) 2I. Additional safety needs (unforeseeable) 2J. Other
3. County Convenience	3A. Dispute resolution (not resulting from error in plans or differing site conditions) 3B. Public relations improvement 3C. Implementation of a Value Engineering finding 3D. Achievement of an early project completion 3E. Reduction of future maintenance 3F. Additional work desired by the County 3G. Compliance requirements of new laws and/or policies 3H. Cost savings opportunity discovered during construction 3I. Implementation of improved technology or better process 3J. Price adjustment on finished work (price reduced in exchange for acceptance) 3K. Addition of stock account or material supplied by state provision 3L. Revising safety work/measures desired by the County 3M. Other
4. Third Party Accommodation	4A. Failure of a third party to meet commitment 4B. Third party requested work 4C. Compliance requirements of new laws and/or policies (impacting third party) 4D. Other
5. Contractor Convenience	5A. Contractor exercises option to change the traffic control plan 5B. Contractor requested change in the sequence and/or method of work 5C. Payment for Partnering workshop 5D. Additional safety work/measures desired by the contractor 5E. Other
6. Untimely ROW/Utilities	6A. Right-of-Way not clear (third party responsibility for ROW) 6B. Right-of-Way not clear (County responsibility for ROW) 6C. Utilities not clear 6D. Other

Williamson County Road Bond Program

CR 110 Middle
Williamson County Project No. 1809-261

Change Order No. 8

Reason for Change

This Change Order adds a pay item to compensate the Contractor, James Construction Group, for extended project overhead costs caused by delays to the utility relocations. The plans included Special Provision 002-WC02 Utilities Important Notice to Contractors that provides the estimated utility clear dates for utilities in conflict with the construction of the roadway, at the time of the bid letting date.

Utility	Estimated Clear Date	Actual Clear Date	Difference
CenturyLink	6/1/2019	5/8/2020	342 days
MCI/Verizon	7/1/2019	4/29/2020	298 days
Oncor	7/19/2019	9/29/2020	438 days
SuddenLink	6/15/2019	8/12/2020	424 days

Each utility was in conflict in multiple locations on the project. The Contractor requests extended overhead costs for 140 days of delay costs at a rate of $1666.74 per day. The extended overhead includes the cost for management of the project, including the Project Manager, Project Engineer, Superintendent, Utility Superintendent and related vehicles.

Following is a summary of new items required for this Change Order:

ITEM	DESCRIPTION	QTY	UNIT
999-WC05	EXTENDED POJECT OVERHEAD FOR UTILITY RELOCATION IMPACT	1.00	LS

This Change Order results in a net increase of $233,343.80 to the Contract amount, for an adjusted Contract total of $9,297,222.75. The original Contract amount was $8,910,862.73. As a result of this and all Change Orders to-date, the Contract has been increased by $386,359.62, resulting in a 4.34% net increase in the Contract cost. One hundred and forty-four days (144) days will be added to the Contract as a result of this Change Order. The additional 144 days increases the Contract Time to account for the utility delays.

HNTB Corporation

James Klotz, P.E.

Special Provision 002—WC2
Utilities Important Notice to Contractors

The Contractor's attention is directed to the fact that there may be some outstanding utility adjustments as of December 2018 required for the construction of this project. The County anticipates that these utility adjustments will be completed as shown.

The Contractor is invited to review the outstanding utility adjustments with the Engineer assigned to this project and listed in the "Notice to Contractors." An extension of work time may be granted, as necessary, for delays caused by utility interference with this work.

The following utilities are to be adjusted by their owners and are to be completed as shown. The approximate location is based on the project centerline/baseline stationing.

OWNER	APPROX. LOCATION	ESTIMATED DATE OF RELOCATION
Atmos	Crossing at Sta. 304+63 to Sta. 305+53, Crossing at Sta. 304+77 to Sta. 305+87, Crossing at Sta. 305+04 to Sta. 305+88, Crossing at Sta. 306+91 to Sta. 309+78.	February 28, 2019
CenturyLink	From Sta. 207+34 to Sta. 246+00 Lateral Right, From Sta. 247+00 to Sta. 255+10 Lateral Right, From Sta. 255+10 to Sta. 257+00 Lateral Right, From Sta. 277+00 to Sta. 279+00 Lateral Right, From Sta. 277+21 to Sta. 277+78 Lateral Right, From Sta. 278+58 to Sta. 279+00 Lateral Right.	June 1, 2019
Jonah Water	From Sta. 213+95 to Sta. 300+00 Lateral Left and Right, From Sta. 207+34 to Sta. 236+10 Lateral Right, From Sta. 245+00 to Sta. 255+00 Lateral Right, From Sta. 236+10 to Sta. 240+00 Lateral Right, From Sta. 241+10 to Sta. 241+61 Lateral Right, From Sta. 241+61 to Sta. 244+00 Lateral Left, From Sta. 255+00 to Sta. 257+00 Lateral Right, From Sta. 319+00 to Sta. 323+50 Center, From Sta. 277+61 to Sta. 279+00 Lateral Right, Crossing at Sta. 288+66, From Sta. 313+00 to Sta. 323+00 Lateral Right.	In the PS&E

OWNER	APPROX. LOCATION	ESTIMATED DATE OF RELOCATION
MCI/Verizon Business	From Sta. 207+34 to Sta. 257+00 Lateral Left, From Sta. 257+00 to Sta. 284+29 Lateral Right, From Sta. 242+50 to Sta. 243+12 Lateral Left, From Sta. 254+91 to Sta. 255+10 Center, From Sta. 263+86 to Sta. 264+04 Center, From Sta. 284+37 to Sta. 302+32 Lateral Right, From Sta. 313+14 to Sta. 313+28 Lateral Right, From Sta. 315+00 to Sta. 326+00 Lateral Right, From Sta. 317+20 to Sta. 317+32 Lateral Right, From Sta. 320+00 to Sta. 323+51 Lateral Right.	July 1, 2019
Oncor	From Sta. 208+26 to Sta. 212+67 Lateral Right, From Sta. 221+14 to Sta. 222+71 Lateral Right, From Sta. 222+44 to Sta. 245+40 Lateral Right, Crossing at Sta. 226+32 to Sta. 226+77, Crossing at Sta. 242+23 to Sta. 242+36, From Sta. 256+55 to Sta. 256+55 Lateral Right, Crossing at Sta. 284+37, From Sta. 284+37 to Sta. 299+27, From Sta. 299+27 to Sta. 302+32 Lateral Right, From Sta. 291+25 to Sta. 292+85 Lateral Right, From Sta. 313+00 to Sta. 323+35 Lateral Right, From Sta. 320+21 to Sta. 320+21 Perpendicular Right.	July 19, 2019
SuddenLink	From Sta. 207+87 to Sta. 220+41 Lateral Right, From Sta. 220+83 to Sta. 221+00 Lateral Right, From Sta. 221+96 to Sta. 222+13 Lateral Right, From Sta. 214+00 to Sta. 220+41 Lateral Right, From Sta. 222+44 to Sta. 245+40 Lateral Right, From Sta. 256+55 to Sta. 256+55 Lateral Right, From Sta. 264+45 to Sta. 284+37 Lateral Right, From Sta. 284+37 to Sta. 299+27 Lateral Right, From Sta. 299+27 to Sta. 302+32 Lateral Right, From Sta. 313+00 to Sta. 323+35 Lateral Right.	June 15, 2019

5880 West US Hwy 190
Belton, 76513
Job Phone: (254) 939-8610
Job Fax: (254) 939-8611

JCG Letter# 10783-10

CLAYTON WEBER
HNTB CORPORATION
101 E. Old Settlers Blvd, Suite 100
Round Rock, TX 78664

WILLIAMSON Co. - CR 110 MIDDLE SECTION
Job #: 1809-261
Control#: 1809-261
RE: Extended Project Overhead

Mr. Weber,

Please find the attached invoice for the agreed upon overhead reimbursement due to James Construction Group, LLC. HNTB and JCG have agreed to a reimbursement of 140 days for overhead at a rate of $1666.74 per day for a total of $233,343.80. Please send a change order at your earliest convenience.

Respectfully,

Alexander Krejchi
Project Engineer
James Construction Group

CC: Paul Hering, Eddie Church, Lowell Choate, Project File

James Construction Group, LLC

Contractor's Basis of Estimate

Date:	11/11/2020	**Project:**	CR110 (MIDDLE SECTION)	**County:**	Williamson
CO Pricing Good For:	**45 Days (unless noted otherwise elsewhere)**	**Control:**	1809-261	**Highway:**	CR110
Description:	Overhead Claim due to Utility Delay	**Original Contract:**	**Net CO:** $ -	**Revised Contract:**	
Estimated Qty:	1.00 Days	**Narrative:**	JCG requests overhead reimbursement for inefficiences and standby caused by utilities not being removed from the project. These poles caused 140 days of delay.		
Estimated Change in Contract Sum:	$ 1,666.74				
Estimated Change In Contract Time:					

JCG reserves the right to request equitable time and monetary adjustments for additional or unforeseen work resulting from this change order.

Labor	% Time on Project	HOURS	OT Hrs	UM	Reg Rate	OT Rate (x1.5)	Extended
Heath Taylor - Project Manager	50%	4.00		HR	$ 64.90		$ 259.60
Alexander Krejchi - Project Engineer	50%	4.00		HR	$ 41.41		$ 165.64
Andrew Guiterrez - Superintendent	80%	6.50		HR	$ 54.75		$ 355.88
Curtis Janke - Superintendent	100%	8.00		HR	$ 48.96		$ 391.68
						Subtotal	$ 913.20
						15% Profit	$ 136.98
						55% Burdens	$ 502.26
						Total Labor	**$ 1,552.43**

Equipment	QTY	UM	Rate	Extended
Heath Pickup (35% standby time)	4.00	HR	$ 3.78	$ 15.12
Andrew Pickup (35% standby time)	6.50	HR	$ 3.78	$ 24.57
Alex Pickup (35% standby time)	4.00	HR	$ 3.78	$ 15.12
Curtis Pickup (35% standby time)	8.00	HR	$ 3.78	$ 30.24
				$ -
			Subtotal	$ 85.05
			15% Profit	$ 12.76
			Total Equipment	**$ 97.81**

Subcontractors	QTY	UM	Price	Extended
				$ -
				$ -
			Subtotal	$ -
			15% Profit	$ -
			Total Subcontract	**$ -**

Material	QTY	UM	Price	Extended
			Subtotal	$ -
			15% Markup	$ -
			Total Material	**$ -**

Additional Work Items	QTY	Units	Price	Extended
			$ -	$ -
			Total	**$ -**

TOTAL OF WORK PERFORMED	**$ 1,650.24**
BOND FEE (ADD 1%)	**$ 16.50**
TOTAL COST	**$ 1,666.74**
UNIT PRICE (TOTAL COST/EST. QTY)	**$ 1,666.74**

EquipmentWatch

www.equipmentwatch.com

All prices shown in US dollars ($)

Rental Rate Blue Book®

November 18, 2019

Miscellaneous 4X2 1/2 375 CONV GAS
On-Highway Light Duty Trucks

Size Class:
300 HP & Over
Weight:
HP

Configuration for 4X2 1/2 375 CONV GAS

Axle Configuration	**4X2**	Cab Type	**Conventional**
Horsepower	**375 hp**	Power Mode	**Gasoline**
Ton Rating	**1/2**		

Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

	Ownership Costs				Estimated Operating Costs	FHWA Rate**
	Monthly	**Weekly**	**Daily**	**Hourly**	**Hourly**	**Hourly**
Published Rates	USD $1,025.00	USD $290.00	USD $73.00	USD $11.00	USD $22.24	USD $28.06
Adjustments						
Region (Texas: 91.4%)	(USD $88.15)	(USD $24.94)	(USD $6.28)	(USD $0.95)		
Model Year (2019: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	**USD $936.85**	**USD $265.06**	**USD $66.72**	**USD $10.05**	**USD $22.24**	**USD $27.56**

Non-Active Use Rates

	Hourly
Standby Rate	USD $3.78
Idling Rate	USD $23.20

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	54%	USD $553.50/mo
Overhaul (ownership)	29%	USD $297.25/mo
CFC (ownership)	7%	USD $71.75/mo
Indirect (ownership)	10%	USD $102.50/mo
Fuel (operating) @ USD 2.51	80%	USD $17.88/hr

Revised Date: 2nd half 2019

These are the most accurate rates for the selected Revision Date(s). However, due to more frequent online updates, these rates may not match Rental Rate Blue Book Print. Visit the Cost Recovery Product Guide on our Help page for more information.

The equipment represented in this report has been exclusively prepared for ALLISON CANGELOSI (acangelosi@jcgllc.com)

www.equipmentwatch.com

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5880 West US Hwy 190
Belton, 76513
Job Phone: (254) 939-8610
Job Fax: (254) 939-8611

Primoris Services Corporation
James Construction Group

1/07/2021

JCG Letter# 10783-13

EDDIE CHURCH
HNTB CORPORATION
101 E. Old Settlers Blvd, Suite 100
Round Rock, TX 78664

WILLIAMSON Co. - CR 110 MIDDLE SECTION
Job #: 1809-261
Control#: 1809-261
RE: Return CO-08 Extended OH

Dear Mr. Church:

Please see attached signed Change Order #8 for the above referenced project.

Please review, sign and return executed copy.

James Construction Group does not waive any original contract conditions to submit costs or claims associated or arising from delayed or changed work. This includes occasions when it becomes necessary to perform extra work at HNTB's request. Upon execution of HNTB's change order form, the contractor reserves its right to submit or claim any extra costs, overhead, and delay time with associated costs arising from or pertaining to the change order regardless of the unilateral disclaimer clause "statement of agreement" on the attached Change Order.

Respectfully,
James Construction Group

Paul Hering
Project Manager

CC: Job File

Commissioners Court - Regular Session **40.**

Meeting Date: 03/16/2021

Award T3082 IFB Southeast Loop at Lakeside Demo - Phase 2

Submitted For: Joy Simonton **Submitted By:** Kim Chappius, Purchasing

Department: Purchasing

Agenda Category: Regular Agenda Items

Information

Agenda Item

Discuss, consider, and take appropriate action on awarding IFB #T3082 Southeast Loop at Lakeside Demo - Phase 2 to HCS Inc. Commercial General Contractors and authorizing the execution of the agreement. Funding source is Project P463.

Background

Purchasing solicited sealed bids for Southeast Loop at Lakeside Demo - Phase 2. One bid was received, reviewed and HCS, Inc. Commercial General Contractors was found to be responsive and materially balanced, but not mathematically correct on two items. The correction did not affect the bid offer. The bid was $49,944.33 higher than the Engineer's Estimate, a cost increase of 38.1 %. In addition to meeting the bid specifications HCS, Inc. Commercial General Contractors has successfully completed a previous Williamson County project (Demolition of Structures in Lakeside Subdivision - Phase 1) performing similar work. Based on the quality of previous work done for the County and the bid amount of $180,918.33 we submit the Recommendation of Award for the Demolition of Structures in Lakeside Subdivision - Phase 2 contract to HCS Inc. Commercial General Contractors. Department point of contact is Kimberly Scherer of HNTB.

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

Recommendation of award

Form Review

Inbox	Reviewed By	Date
Purchasing (Originator)	Joy Simonton	03/10/2021 03:51 PM
County Judge Exec Asst.	Andrea Schiele	03/10/2021 04:41 PM
Form Started By: Kim Chappius		Started On: 03/09/2021 11:05 AM
Final Approval Date: 03/10/2021		

HNTB Corporation
The HNTB Companies
Engineers Architects Planners

101 E. Old Settlers Blvd
Suite 100
Round Rock, TX 78664

Telephone (512) 744-9082
www.hntb.com

March 9, 2021

HNTB

Williamson County Purchasing Department
100 Wilco Way
Suite P101
Georgetown, Texas 78626

Attention: Kerstin Hancock
Deputy Purchasing Agent

Re: Williamson County Road Bond Program
Demolition of Structures in Lakeside Subdivision – Phase 2
Williamson County Project No. T3082
Recommendation of Contractor Award

Dear Ms. Hancock,

Please find attached the bid tabulations for the subject-referenced project. The bids have been reviewed and the apparent low bid (HCS, Inc. Commercial General Contractors) was found to be responsive and materially balanced, but not mathematically correct on two items. The correction did not affect the bid offer. Following is a summary of the bid totals:

1. HCS, Inc. Commercial General Contractors $180,918.33

The lowest bidder was $49,944.33 higher than the Engineer's Estimate, a cost increase of 38.1%.

In addition to meeting the bid qualifications subject to being low bidder, HCS, Inc. Commercial General Contractors has successfully completed a previous Williamson County project (Demolition of Structures in Lakeside Subdivision – Phase 1) performing similar work. Based on the quality of previous work done for the County and the low bid of $180,918.33, we submit the Recommendation of Award for the Demolition of Structures in Lakeside Subdivision – Phase 2 contract to HCS Inc. Commercial General Contractors in the amount of $180,918.33.

Please feel free to contact our office with any questions.

Respectfully Submitted,

HNTB Corporation



Lowell Choate, P.E.

VIA E-MAIL

Attachments: Bid Tabulation Analysis, Form 1295

Cc: Judge Gravell, Williamson County Judge
Commissioner Cook, Williamson County, Pct. 1
Commissioner Long, Williamson County, Pct. 2
Commissioner Covey, Williamson County, Pct. 3
Commissioner Boles, Williamson County, Pct. 4
Robert B. Daigh, Williamson County
Terron Evertson, Williamson County
Mike Weaver, HNTB Corporation
Richard Ridings, HNTB Corporation

Williamson County Road Bond Program
T3082 - Southeast Loop Ph 2 Demolition
March 9, 2021

BID ITEM	TECH SPEC	DESCRIPTION	BID QUANTITY	UNIT MEASURE	Engineer's Estimate		HCS Inc. Commercial General Contractor	
					UNIT COST	AMOUNT BID	UNIT COST	AMOUNT BID
1	001 WC	DEMOLITION (STRUCTURES, SLAB, DRIVEWAY, DEBRIS)	5	EA	$ 19,000.00	$ 95,000.00	$ 26,338.00	$ 131,690.00
2	003 WC	REMOVE WOODEN FENCING (6')	583	LF	$ 3.00	$ 1,749.00	$ 6.45	$ 3,760.35
3	004 WC	INSTALL WOODEN FENCING (6') PER DETAIL	221	LF	$ 20.00	$ 4,420.00	$ 39.95	$ 8,828.95
4	005 WC	REPAIR EXISTING FENCE TO REMAIN (WOOD PANEL)	40	LF	$ 15.00	$ 600.00	$ 23.75	$ 950.00
5	161 WC001	COMPOST MANUFACTURED TOP SOIL (4") PER SPEC	1,905	SY	$ 1.00	$ 1,905.00	$ 5.15	$ 9,810.75
6	164 WC05	SEEDING FOR EROSION CONTROL PER SPEC	1,905	SY	$ 4.00	$ 7,620.00	$ 2.34	$ 4,457.70
7	506 6022	CONSTRUCTION EXITS (INSTALL) (TY 3) PER DETAIL	206	SY	$ 20.00	$ 4,120.00	$ 19.03	$ 3,920.18
8	506 6024	CONSTRUCTION EXITS (REMOVE) (TY 3) PER DETAIL	280	SY	$ 2.00	$ 560.00	$ 8.93	$ 2,500.40

NON-BID ITEMS TO BE INCLUDED IN BID AND CONTRACT AMOUNT. DO NOT MAKE CHANGES TO THIS SECTION.

9	999-WC01	FORCE ACCOUNT - MISC	15,000	DOL	$ 1.00	$ 15,000.00	$ 1.00	$ 15,000.00
		TOTAL COST ADJUSTED FOR CORRECTNESS				$ 130,974.00		$ 180,918.33
		ACTUAL BID PROPOSAL						$180,919.16
		ADJUSTMENT DIFFERENCE						$0.83
		Bid Bond						Y
		Conflict of Interest Questionnaire						Y
		Bidder Reference (Minimum of Three)						Y

Statement of opening of offers

The registration period for the purchase process IFB-Demolition of Structures in Lakeside Subdivision (Phase 2) is closed on Mar 02, 2021 (Tue), 10:00 AM.

On Mar 02, 2021 (Tue), 10:07:00 AM, Kim Chappius opened the registrations.

Entries submitted after the closing date, Mar 02, 2021 (Tue), 10:00 AM, will not be included in the procedure.

Registrations received:

	Offer ID	Name	Submitted
1	OF6307	**HCS Inc. Commercial General Contractor** By: HCS Inc. Commercial General Contractor	Mar 02, 2021 (Tue), 9:16:38 AM

Registration prices:

HCS Inc. Commercial General Contractor - Submitted price: $ 180,919.16

Reported by Kim Chappius on Mar 02, 2021 (Tue), 10:15 AM

Commissioners Court - Regular Session **41.**

Meeting Date: 03/16/2021

Award RFQ T1852 Anderson Mill Road (FM734/Palmer Ln to Loop 1) American Structurepoint, INC

Submitted For: Joy Simonton **Submitted By:** Johnny Grimaldo, Purchasing

Department: Purchasing

Agenda Category: Regular Agenda Items

Information

Agenda Item

Discuss, consider and take appropriate action on awarding RFQ T1852 Anderson Mill Road (FM734/Palmer Ln to Loop 1), to American Structurepoint, Inc. for Engineering Services and authorizing the execution of the agreement. Funding source: P337

Background

The Purchasing Department solicited sealed statements of qualifications for Engineering Services. 18 firms participated of which 10 firms submitted responses. The responses were evaluated by an evaluation committee. The attached American Structurepoint, Inc. contract is to provide professional engineering services for the Anderson Mill Road from FM 734/Palmer Lane to Loop 1 project as part of the 2019 Road Bond Project P337 has been reviewed and approved for Commissioners Court consideration by the GEC Team. The maximum amount payable under this contract, without modification, is nine-hundred fifty thousand Dollars ($950,000.00).

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

Engineering Services Contract
Evaluation Sheet Redacted
Statement of Qualifications

Form Review

Inbox	Reviewed By	Date
Purchasing (Originator)	Joy Simonton	03/11/2021 09:32 AM
County Judge Exec Asst.	Andrea Schiele	03/11/2021 09:42 AM
Form Started By: Johnny Grimaldo		Started On: 03/10/2021 02:15 PM
Final Approval Date: 03/11/2021		

WILLIAMSON COUNTY
CONTRACT FOR ENGINEERING SERVICES

FIRM: **American Structurepoint, Inc.** **("Engineer")**
ADDRESS: **3711 S. Mopac Expressway, Building One, Suite 350, Austin, Texas 78746**
PROJECT: **Anderson Mill Road from FM 734 to Loop 1) ("Project")**

THE STATE OF TEXAS §
§
COUNTY OF WILLIAMSON §

THIS CONTRACT FOR ENGINEERING SERVICES ("Contract") is made and entered into, effective as the date of the last party's execution hereinbelow, by and between Williamson County, Texas, a political subdivision of the State of Texas, whose offices are located at 710 Main Street, Suite 101, Georgetown, Texas, 78626 (hereinafter referred to as "County"), and Engineer, and such Contract is for the purpose of contracting for professional engineering services.

RECITALS:

WHEREAS, V.T.C.A., Government Code §2254.002(2)(A)(vii) under Subchapter A entitled "Professional Services Procurement Act" provides for the procurement by counties of services of professional engineers; and

WHEREAS, County and Engineer desire to contract for such professional engineering services; and

WHEREAS, County and Engineer wish to document their agreement concerning the requirements and respective obligations of the parties;

NOW, THEREFORE, WITNESSETH:

That for and in consideration of the mutual promises contained herein and other good and valuable considerations, and the covenants and agreements hereinafter contained to be kept and performed by the respective parties hereto, it is agreed as follows:

ARTICLE 1
CONTRACT DOCUMENTS AND APPLICABLE PROJECT DOCUMENTS

A. Contract Documents. The Contract Documents consist of this Contract, any exhibits attached hereto (which exhibits are hereby incorporated into and made a part of this Contract), any fully executed Work Authorizations; any fully executed Supplemental Work Authorizations and all fully executed Contract Amendments (as defined herein in Article 14) which are subsequently issued. These form the entire contract, and all are as fully a part of this Contract as if attached to this Contract or repeated herein.

B. Project Documents. In addition to any other pertinent and necessary Project documents, the following documents shall be used in the development of the Project:

A. TxDOT 2011 Texas Manual of Uniform Traffic Control Devices for Streets and Highways, including latest revisions
B. Texas Department of Transportation's Standard Specifications for Construction of Highways, Streets, and Bridges, 2014 (English units)
C. National Environmental Policy Act (NEPA)
D. Texas Accessibility Standards (TAS) of the Architectural Barriers Act, Article 9102, Texas Civil Statutes, Effective March 15, 2012, including latest revisions
E. Americans with Disabilities Act (ADA) Regulations
F. U.S. Army Corps Regulations
G. International Building Code, current edition as updated
H. Williamson County Design Criteria & Project Development Manual, latest edition
I. Williamson County Multi-Corridor Transportation Plan Project Level Environmental Review and Compliance Protocol, latest edition
J. Williamson County Protocol for Sustainable Roadsides, latest edition

ARTICLE 2
NON-COLLUSION; DEBARMENT; AND FINANCIAL INTEREST PROHIBITED

A. Non-collusion. Engineer warrants that he/she/it has not employed or retained any company or persons, other than a bona fide employee working solely for Engineer, to solicit or secure this Contract, and that he/she/it has not paid or agreed to pay any company or engineer any fee, commission, percentage, brokerage fee, gifts, or any other consideration, contingent upon or resulting from the award or making of this Contract. For breach or violation of this warranty, County reserves and shall have the right to annul this Contract without liability or, in its discretion and at its sole election, to deduct from the contract price or compensation, or to otherwise recover, the full amount of such fee, commission, percentage, brokerage fee, gift or contingent fee.

B. Debarment Certification. Engineer must sign the Debarment Certification enclosed herewith as **Exhibit A**.

C. Financial Interest Prohibited. Engineer covenants and represents that Engineer, his/her/its officers, employees, agents, consultants and subcontractors will have no financial interest, direct or indirect, in the purchase or sale of any product, materials or equipment that will be recommended or required for the construction of the Project.

ARTICLE 3
ENGINEERING SERVICES

Engineer shall perform Engineering Services as identified in **Exhibit B** entitled "Engineering Services."

County will prepare and issue Work Authorizations, in substantially the same form identified and attached hereto as **Exhibit C** and entitled "Work Authorization No. ____", to authorize the Engineer to perform one or more tasks of the Engineering Services. Each Work Authorization will include a description of the work to be performed, a description of the tasks and milestones, a work schedule for the tasks, definite review times by County and Engineer of all Engineering Services and a fee amount agreed upon by the County and Engineer. The amount payable for a Work Authorization shall be supported by the estimated cost of each work task as described in the Work Authorization. The Work Authorization will not waive the Engineer's responsibilities and obligations established in this Contract. The executed Work Authorizations shall become part of this Contract.

All work must be completed on or before the date specified in the Work Authorization. The Engineer shall promptly notify the County of any event which will affect completion of the Work Authorization, although such notification shall not relieve the Engineer from costs or liabilities resulting from delays in completion of the Work Authorization. Should the review times or Engineering Services take longer than shown on the Work Authorization, through no fault of Engineer, Engineer may submit a timely written request for additional time, which shall be subject to the approval of the County. Any changes in a Work Authorization shall be enacted by a written Supplemental Work Authorization before additional costs may be incurred. Any Supplemental Work Authorization must be executed by both parties within the period specified in the Work Authorization.

ARTICLE 4
CONTRACT TERM

A. Term. The Engineer is expected to complete the Engineering Services described herein in accordance with the above described Work Authorizations or any Supplemental Work Authorization related thereto. If Engineer does not perform the Engineering Services in accordance with each applicable Work Authorization or any Supplemental Work Authorization related thereto, then County shall have the right to terminate this Contract as set forth below in Article 20. So long as the County elects not to terminate this Contract, it shall continue from day to day until such time as the Engineering Services are completed in accordance with each applicable Work Authorization or any Supplemental Work Authorization related thereto. Any Engineering Services performed or costs incurred after the date of termination shall not be eligible for reimbursement. Engineer shall

notify County in writing as soon as possible if he/she/it determines, or reasonably anticipates, that the Engineering Services will not be completed in accordance with an applicable Work Authorization or any Supplemental Work Authorization related thereto.

B. Work Authorizations. Engineer acknowledges that each Work Authorization is of critical importance, and agrees to undertake all reasonably necessary efforts to expedite the performance of Engineering Services required herein so that construction of the Project will be commenced and completed as scheduled. In this regard, and subject to adjustments in a particular Work Authorization, as provided in Article 3 herein, Engineer shall proceed with sufficient qualified personnel and consultants necessary to fully and timely accomplish all Engineering Services required under this Contract in a professional manner.

C. Commencement of Engineering Services. After execution of this Contract, Engineer shall not proceed with Engineering Services until Engineer has been thoroughly briefed on the scope of the Project and has been notified in writing by the County to proceed, as provided in Article 8.

ARTICLE 5
COMPENSATION AND EXPENSES

County shall pay and Engineer agrees to accept up to the amount shown below as full compensation for the Engineering Services performed and to be performed under this Contract. The basis of compensation for the services of principals and employees engaged in the performance of the Engineering Services shall be based on the Rate Schedule set forth in the attached **Exhibit D**.

The maximum amount payable under this Contract, without modification, is **nine-hundred fifty thousand Dollars ($ 950,000.00)** (the "Compensation Cap"), provided that any amounts paid or payable shall be solely pursuant to a validly issued Work Authorization or any Supplemental Work Authorization related thereto. In no event may the aggregate amount of compensation authorized under Work Authorizations and Supplemental Work Authorizations exceed the Compensation Cap. The Compensation Cap shall be revised equitably only by written Contract Amendments executed by both parties in the event of a change the overall scope of the Engineering Services set forth in **Exhibit B**, as authorized by County.

The Compensation Cap is based upon all labor and non-labor costs estimated to be required in the performance of the Engineering Services provided for under this Contract. Should the actual costs of all labor and non-labor costs rendered under this Contract be less than the above stated Compensation Cap, then Engineer shall receive compensation for only actual fees and costs of the Engineering Services actually rendered and incurred, which may be less than the above stated Compensation Cap.

The Compensation Cap herein referenced may be adjusted for Additional Engineering Services requested and performed only if approved by a written Contract Amendment signed by both parties.

Engineer shall prepare and submit to County monthly progress reports in sufficient detail to support the progress of the Engineering Services and to support invoices requesting monthly payment. The format for such monthly progress reports and invoices must be in a format acceptable to County. Satisfactory progress of Engineering Services shall be an absolute condition of payment.

Engineer shall be reimbursed for actual non-labor and subcontract expenses incurred in the performance of the services under this Contract in accordance with the Williamson County Vendor Reimbursement Policy set forth under **Exhibit E**. Invoices requesting reimbursement for costs and expenditures related to the Project (reimbursables) must be accompanied by copies of the provider's invoice and comply with the Williamson County Vendor Reimbursement Policy. The copies of the provider's invoice must evidence the actual costs billed to Engineer without mark-up.

ARTICLE 6
METHOD OF PAYMENT

Payments to Engineer shall be made while Engineering Services are in progress. Engineer shall prepare and submit to Mike Weaver, County's Road Bond Program Manager, not more frequently than once per month, a progress report as referenced in Article 5 above. Such progress report shall state the percentage of completion of Engineering Services accomplished for an applicable Work Authorization or any Supplemental Work Authorization related thereto during that billing period and to date. This submittal shall also include a progress assessment report in a form acceptable to the County Auditor.

Simultaneous with submission of such progress report, Engineer shall prepare and submit one (1) original of a certified invoice to the County's Road Bond Program Manager in a form acceptable to the County Auditor. All invoices submitted to County must, at a minimum, be accompanied by an original complete packet of supporting documentation and time sheets detailing hours worked by staff persons with a description of the work performed by such persons. For Additional Engineering Services performed pursuant to this Contract, a separate invoice or itemization of the Additional Engineering Services must be presented with the same aforementioned requirements.

Payments shall be made by County based upon Engineering Services actually provided and performed. Upon timely receipt and approval of each statement, County shall make a good faith effort to pay the amount which is due and payable within thirty (30) days of the County Auditor's receipt. County reserves the right to reasonably withhold payment pending verification of satisfactory Engineering Services performed. Engineer has the responsibility to submit proof to County, adequate and sufficient in its determination, that tasks of an applicable Work Authorization or any Supplemental Work Authorization related thereto were completed.

The certified statements shall show the total amount earned to the date of submission and shall show the amount due and payable as of the date of the current statement. Final payment does not relieve Engineer of the responsibility of correcting any errors and/or omissions resulting from his/her/its negligence.

Upon submittal of the initial invoice, Engineer shall provide the County Auditor with an Internal Revenue Form W-9, Request for Taxpayer Identification Number and Certification that is complete in compliance with the Internal Revenue Code, its rules and regulations.

ARTICLE 7
PROMPT PAYMENT POLICY

In accordance with Chapter 2251, V.T.C.A., Texas Government Code, payment to Engineer will be made within thirty (30) days of the day on which the performance of services was complete, or within thirty (30) days of the day on which the County Auditor receives a correct invoice for services, whichever is later.

Engineer may charge a late fee (fee shall not be greater than that which is permitted by Texas law) for payments not made in accordance with this prompt payment policy; however, this policy does not apply in the event:

A. There is a bona fide dispute between County and Engineer concerning the supplies, materials, or equipment delivered or the services performed that causes the payment to be late; or

B. The terms of a federal contract, grant, regulation, or statute prevent County from making a timely payment with federal funds; or

C. There is a bona fide dispute between Engineer and a subcontractor/subconsultant or between a subcontractor/subconsultant and its supplier concerning supplies, materials, or equipment delivered or the Engineering Services performed which causes the payment to be late; or

D. The invoice is not mailed to the County's Road Bond Program Manager in strict accordance with instructions, if any, on the purchase order, or this Contract or other such contractual agreement.

The County Auditor shall document to Engineer the issues related to disputed invoices within ten (10) calendar days of receipt of such invoice. Any non-disputed invoices shall be considered correct and payable per the terms of Chapter 2251, V.T.C.A., Texas Government Code.

ARTICLE 8
COMMENCEMENT OF ENGINEERING SERVICES

The Engineer shall not proceed with any task of the Engineering Services until Engineer has been thoroughly briefed on the scope of the Project and instructed, in writing by the County, to proceed with the applicable Engineering Services. The County shall not be responsible for work performed or costs incurred by Engineer related to any task for which a Work Authorization or a Supplemental Work Authorization related thereto has not been issued and signed by both parties. Engineer shall not be required to perform any work for which a Work Authorization or a Supplemental Work Authorization related thereto has not been issued and signed by both parties.

ARTICLE 9
PROJECT TEAM

County's Designated Representative for purposes of this Contract is as follows:

County's Road Bond Program Manager
Attn: Michael Weaver
HNTB Corporation
101 E. Old Settlers Blvd., Suite 100
Round Rock, Texas 78664_

County shall have the right, from time to time, to change the County's Designated Representative by giving Engineer written notice thereof. With respect to any action, decision or determination which is to be taken or made by County under this Contract, the County's Designated Representative may take such action or make such decision or determination or shall notify Engineer in writing of an individual responsible for and capable of taking such action, decision or determination and shall forward any communications and documentation to such individual for response or action. Actions, decisions or determinations by the County's Designated Representative on behalf of County shall be done in his or her reasonable business judgment unless express standards or parameters therefor are included in this Contract, in which case, actions taken by the County's Designated Representative shall be in accordance with such express standards or parameters. Any consent, approval, decision or determination hereunder by the County's Designated Representative shall be binding on County; *provided, however,* the County's Designated Representative shall not have any right to modify, amend or terminate this Contract, an Executed Work Authorization, an executed Supplemental Work Authorization or executed Contract Amendment. County's Designated Representative shall not have any authority to execute a Contract Amendment, Work Authorization or any Supplemental Work Authorization unless otherwise granted such authority by the Williamson County Commissioners Court.

Engineer's Designated Representative for purposes of this Contract is as follows:

Ricardo Zamarippa, PE
Vice President
3711 South Mopac Expressway
Building One, Suite 350
Austin, Texas 78746

Engineer shall have the right, from time to time, to change the Engineer's Designated Representative by giving County written notice thereof. With respect to any action, decision or determination which is to be taken or made by Engineer under this Contract, the Engineer's Designated Representative may take such action or make such decision or determination or shall notify County in writing of an individual responsible for and capable of taking such action, decision or determination and shall forward any communications and documentation to such individual for response or action. Actions, decisions or determinations by the Engineer's Designated Representative on behalf of Engineer shall be done in his or her reasonable business

judgment unless express standards or parameters therefor are included in this Contract, in which case, actions taken by the Engineer's Designated Representative shall be in accordance with such express standards or parameters. Any consent, approval, decision or determination hereunder by the Engineer's Designated Representative shall be binding on Engineer. Engineer's Designated Representative shall have the right to modify, amend and execute Work Authorizations, Supplemental Work Authorizations and Contract Amendments on behalf of Engineer.

ARTICLE 10
PROGRESS EVALUATION

Engineer shall, from time to time during the progress of the Engineering Services, confer with County at County's election. Engineer shall prepare and present such information as may be pertinent and necessary, or as may be reasonably requested by County, in order for County to evaluate features of the Engineering Services. At the request of County or Engineer, conferences shall be provided at Engineer's office, the offices of County, or at other locations designated by County. When requested by County, such conferences shall also include evaluation of the Engineering Services. County may, from time to time, require Engineer to appear and provide information to the Williamson County Commissioners Court.

Should County determine that the progress in Engineering Services does not satisfy an applicable Work Authorization or any Supplemental Work Authorization related thereto, then County shall review same with Engineer to determine corrective action required.

Engineer shall promptly advise County in writing of events which have or may have a significant impact upon the progress of the Engineering Services, including but not limited to the following:

A. Problems, delays, adverse conditions which may materially affect the ability to meet the objectives of an applicable Work Authorization or any Supplemental Work Authorization related thereto, or preclude the attainment of Project Engineering Services units by established time periods; and such disclosure shall be accompanied by statement of actions taken or contemplated, and County assistance needed to resolve the situation, if any; and

B. Favorable developments or events which enable meeting goals sooner than anticipated in relation to an applicable Work Authorization's or any Supplemental Work Authorization related thereto.

ARTICLE 11
SUSPENSION

Should County desire to suspend the Engineering Services, but not to terminate this Contract, then such suspension may be effected by County giving Engineer thirty (30) calendar days' verbal notification followed by written confirmation to that effect. Such thirty-day notice may be waived in writing by agreement and signature of both parties. The Engineering Services may be reinstated and resumed in full force and effect within sixty (60) days of receipt of written notice from County to resume the Engineering Services. Such sixty-day (60) notice may be waived in writing by agreement and signature of both parties. If this Contract is suspended for more than thirty (30) days, Engineer shall have the option of terminating this Contract and, in the event, Engineer shall be compensated for all Engineering Services performed and reimbursable expenses incurred, provided such Engineering Services and reimbursable expenses have been previously authorized and approved by County, to the effective date of suspension.

If County suspends the Engineering Services, the contract period as determined in Article 4, and the Work Authorization or any Supplemental Work Authorization related thereto, shall be extended for a time period equal to the suspension period.

County assumes no liability for Engineering Services performed or costs incurred prior to the date authorized by County for Engineer to begin Engineering Services, and/or during periods when Engineering Services is suspended, and/or subsequent to the completion date.

ARTICLE 12
ADDITIONAL ENGINEERING SERVICES

If Engineer forms a reasonable opinion that any work he/she/it has been directed to perform is beyond the overall scope of this Contract, as set forth in **Exhibit B,** and as such constitutes extra work ("Additional Engineering Services"), he/she/it shall promptly notify County in writing. In the event County finds that such work does constitute Additional Engineering Services, County shall so advise Engineer and a written Contract Amendment will be executed between the parties as provided in Article 14. Any increase to the Compensation Cap due to Additional Engineering Services must be set forth in such Contract Amendment. Engineer shall not perform any proposed Additional Engineering Services nor incur any additional costs prior to the execution, by both parties, of a written Contract Amendment. Following the execution of a Contract Amendment that provides for Additional Engineering Services, a written Work Authorization, which sets forth the Additional Engineering Services to be performed, must be executed by the parties. County shall not be responsible for actions by Engineer nor for any costs incurred by Engineer relating to Additional Engineering Services not directly associated with the performance of the Engineering Services authorized in this Contract, by a fully executed Work Authorization or a fully executed Contract Amendment thereto.

ARTICLE 13
CHANGES IN COMPLETED ENGINEERING SERVICES

If County deems it necessary to request changes to previously satisfactorily completed

Engineering Services or parts thereof which involve changes to the original Engineering Services or character of Engineering Services under this Contract, then Engineer shall make such revisions as requested and as directed by County. Such revisions shall be considered as Additional Engineering Services and paid for as specified under Article 12.

Engineer shall make revisions to Engineering Services authorized hereunder as are necessary to correct errors appearing therein, when required to do so by County. No additional compensation shall be due for such Engineering Services.

ARTICLE 14
CONTRACT AMENDMENTS

The terms set out in this Contract may be modified by a written fully executed Contract Amendment. Changes and modifications to a fully executed Work Authorization shall be made in the form of a Supplemental Work Authorization. To the extent that such changes or modifications to a Work Authorization do not also require modifications to the terms of this Contract (i.e. changes to the overall scope of Engineering Services set forth in **Exhibit B**, modification of the Compensation Cap, etc.) a Contract Amendment will not be required.

ARTICLE 15
USE OF DOCUMENTS

All documents, including but not limited to drawings, specifications and data or programs stored electronically, (hereinafter referred to as "Engineering Work Products") prepared by Engineer and its subcontractors/subconsultants are related exclusively to the services described in this Contract and are intended to be used with respect to this Project. However, it is expressly understood and agreed by and between the parties hereto that all of Engineer's designs under this Contract (including but not limited to tracings, drawings, estimates, specifications, investigations, studies and other documents, completed or partially completed), shall be the property of County to be thereafter used in any lawful manner as County elects. Any such subsequent use made of documents by County shall be at County's sole risk and without liability to Engineer.

By execution of this Contract and in confirmation of the fee for services to be paid under this Contract, Engineer hereby conveys, transfers and assigns to County all rights under the Federal Copyright Act of 1976 (or any successor copyright statute), as amended, all common law copyrights and all other intellectual property rights acknowledged by law in the Project Designs and work product developed under this Contract. Copies may be retained by Engineer. Engineer shall be liable to County for any loss or damage to any such documents while they are in the possession of or while being worked upon by Engineer or anyone connected with Engineer, including agents, employees, Engineers or subcontractors/subconsultants. All documents so lost or damaged shall be replaced or restored by Engineer without cost to County.

Upon execution of this Contract, Engineer grants to County permission to reproduce Engineer's work and documents for purposes of constructing, using and maintaining the Project, provided that County shall comply with its obligations, including prompt payment of all sums when due, under this Contract. Engineer shall obtain similar permission from Engineer's

subcontractors/subconsultants consistent with this Contract. If and upon the date Engineer is adjudged in default of this Contract, County is permitted to authorize other similarly credentialed design professionals to reproduce and, where permitted by law, to make changes, corrections or additions to the work and documents for the purposes of completing, using and maintaining the Project.

County shall not assign, delegate, sublicense, pledge or otherwise transfer any permission granted herein to another party without the prior written consent of Engineer. However, County shall be permitted to authorize the contractor, subcontractors and material or equipment suppliers to reproduce applicable portions of the Engineering Work Products appropriate to and for use in the execution of the Work. Submission or distribution of Engineering Work Products to meet official regulatory requirements or for similar purposes in connection with the Project is permitted. Any unauthorized use of the Engineering Work Products shall be at County's sole risk and without liability to Engineer and its Engineers.

Prior to Engineer providing to County any Engineering Work Products in electronic form or County providing to Engineer any electronic data for incorporation into the Engineering Work Products, County and Engineer shall by separate written contract set forth the specific conditions governing the format of such Engineering Work Products or electronic data, including any special limitations not otherwise provided in this Contract. Any electronic files are provided by Engineer for the convenience of County, and use of them is at County's sole risk. In the case of any defects in electronic files or any discrepancies between them and any hardcopy of the same documents prepared by Engineer, the hardcopy shall prevail. Only printed copies of documents conveyed by Engineer shall be relied upon.

Engineer shall have no liability for changes made to the drawings by other engineers subsequent to the completion of the Project. Any such change shall be sealed by the engineer making that change and shall be appropriately marked to reflect what was changed or modified.

ARTICLE 16
PERSONNEL, EQUIPMENT AND MATERIAL

Engineer shall furnish and maintain, at its own expense, quarters for the performance of all Engineering Services, and adequate and sufficient personnel and equipment to perform the Engineering Services as required. All employees of Engineer shall have such knowledge and experience as will enable them to perform the duties assigned to them. Any employee of Engineer who, in the reasonable opinion of County, is incompetent or whose conduct becomes detrimental to the Engineering Services shall immediately be removed from association with the Project when so instructed by County. Engineer certifies that it presently has adequate qualified personnel in its employment for performance of the Engineering Services required under this Contract, or will obtain such personnel from sources other than County. Engineer may not change the Project Manager without prior written consent of County.

ARTICLE 17
SUBCONTRACTING

Engineer shall not assign, subcontract or transfer any portion of the Engineering Services under this Contract without prior written approval from County. All subcontracts shall include the provisions required in this Contract. No subcontract shall relieve Engineer of any responsibilities under this Contract.

ARTICLE 18
REVIEW OF ENGINEERING SERVICES

Engineer's Engineering Services will be reviewed by County under its applicable technical requirements and procedures.

A. Completion. Reports, plans, specifications, and supporting documents shall be submitted by Engineer on or before the dates specified in the applicable Work Authorization or Supplemental Work Authorization related thereto. Upon receipt of same, the submission shall be checked for completion. "Completion" or "Complete" shall be defined as all of the required items, as set out in the applicable Work Authorization, have been included in compliance with the requirements of this Contract. The completeness of any Engineering Services submitted to County shall be determined by County within thirty (30) days of such submittal and County shall notify Engineer in writing within such thirty (30) day period if such Engineering Services have been found to be incomplete. If the submission is Complete, County shall notify Engineer and County's technical review process will begin.

If the submission is not Complete, County shall notify Engineer, who shall perform such professional services as are required to complete the Engineering Services and resubmit it to County. This process shall be repeated until a submission is Complete.

B. Acceptance. County shall review the completed Engineering Services for compliance with this Contract. If necessary, the completed Engineering Services shall be returned to Engineer, who shall perform any required Engineering Services and resubmit it to County. This process shall be repeated until the Engineering Services are Accepted. "Acceptance" or "Accepted" shall mean that in the County's reasonable opinion, substantial compliance with the requirements of this Contract has been achieved.

C. Final Approval. After Acceptance, Engineer shall perform any required modifications, changes, alterations, corrections, redesigns, and additional work necessary to receive Final Approval by the County. "Final Approval" in this sense shall mean formal recognition that the Engineering Services have been fully carried out.

D. Errors and Omissions. After Final Approval, Engineer shall, without additional compensation, perform any work required as a result of Engineer's development of the work which is found to be in error or omission due to Engineer's negligence. However, any work required or

occasioned for the convenience of County after Final Approval shall be paid for as Additional Engineering Services.

E. Disputes Over Classifications. In the event of any dispute over the classification of Engineer's Engineering Services as Complete, Accepted, or having attained Final Approved under this Contract, the decision of the County shall be final and binding on Engineer, subject to any civil remedy or determination otherwise available to the parties and deemed appropriate by the parties.

F. County's Reliance on Engineer. ENGINEER'S DUTIES AS SET FORTH HEREIN SHALL AT NO TIME BE IN ANY WAY DIMINISHED BY REASON OF ANY REVIEW, EVALUATION OR APPROVAL BY THE COUNTY OR ITS AUTHORIZED REPRESENTATIVE NOR SHALL THE ENGINEER BE RELEASED FROM ANY LIABILITY BY REASON OF SUCH REVIEW, EVALUATION OR APPROVAL BY THE COUNTY, IT BEING UNDERSTOOD THAT THE COUNTY AT ALL TIMES IS ULTIMATELY RELYING UPON THE ENGINEER'S SKILL, ABILITY AND KNOWLEDGE IN PERFORMING THE ENGINEERING SERVICES REQUIRED HEREUNDER.

ARTICLE 19
VIOLATION OF CONTRACT TERMS/BREACH OF CONTRACT

Violation of contract terms or breach of contract by Engineer shall be grounds for termination of this Contract, and any increased costs arising from Engineer's default, breach of contract, or violation of contract terms shall be paid by Engineer.

ARTICLE 20
TERMINATION

This Contract may be terminated as set forth below.

- **A.** By mutual agreement and consent, in writing, of both parties.
- **B.** By County, by notice in writing to Engineer, as a consequence of failure by Engineer to perform the Engineering Services set forth herein in a satisfactory manner.
- **C.** By either party, upon the failure of the other party to fulfill its obligations as set forth herein.
- **D.** By County, for reasons of its own and not subject to the mutual consent of Engineer, upon not less than thirty (30) days' written notice to Engineer.
- **E.** By satisfactory completion of all Engineering Services and obligations described herein.

Should County terminate this Contract as herein provided, no fees other than fees due and payable at the time of termination plus reimbursable expenses incurred shall thereafter be paid to Engineer. In determining the value of the Engineering Services performed by Engineer prior to termination, County shall be the sole judge. Compensation for Engineering Services at termination will be based on a percentage of the Engineering Services completed at that time. Should County terminate this Contract under Subsection (D) immediately above, then the amount

charged during the thirty-day notice period shall not exceed the amount charged during the preceding thirty (30) days.

If Engineer defaults in the performance of this Contract or if County terminates this Contract for fault on the part of Engineer, then County shall give consideration to the actual costs incurred by Engineer in performing the Engineering Services to the date of default, the amount of Engineering Services required which was satisfactorily completed to date of default, the value of the Engineering Services which are usable to County, the cost to County of employing another firm to complete the Engineering Services required and the time required to do so, and other factors which affect the value to County of the Engineering Services performed at the time of default.

The termination of this Contract and payment of an amount in settlement as prescribed above shall extinguish all rights, duties, and obligations of County under this Contract. If the termination of this Contract is due to the failure of Engineer to fulfill his/her/its contractual obligations, then County may take over the Project and prosecute the Engineering Services to completion. In such case, Engineer shall be liable to County for any additional and reasonable costs incurred by County.

Engineer shall be responsible for the settlement of all contractual and administrative issues arising out of any procurements made by Engineer in support of the Engineering Services under this Contract.

ARTICLE 21
COMPLIANCE WITH LAWS

A. Compliance. Engineer shall comply with all applicable federal, state and local laws, statutes, codes, ordinances, rules and regulations, and the orders and decrees of any court, or administrative bodies or tribunals in any manner affecting the performance of this Contract, including without limitation, minimum/maximum salary and wage statutes and regulations, and licensing laws and regulations. Engineer shall furnish County with satisfactory proof of his/her/its compliance.

Engineer shall further obtain all permits and licenses required in the performance of the Engineering Services contracted for herein.

B. Taxes. Engineer will pay all taxes, if any, required by law arising by virtue of the Engineering Services performed hereunder. County is qualified for exemption pursuant to the provisions of Section 151.309 of the Texas Limited Sales, Excise, and Use Tax Act.

ARTICLE 22
INDEMNIFICATION

ENGINEER AGREES, TO THE FULLEST EXTENT PERMITTED BY LAW, TO INDEMNIFY AND HOLD THE COUNTY HARMLESS FROM AND AGAINST ANY AND ALL LIABILITIES, LOSSES, PENALTIES, JUDGMENTS, CLAIMS, LAWSUITS, DAMAGES, COSTS AND EXPENSES, INCLUDING, BUT NOT LIMITED

TO, ATTORNEYS' FEES, ("LOSSES") TO THE EXTENT SUCH LOSSES ARE CAUSED BY OR RESULTS FROM A NEGLIGENT ACT OR OMISSION, NEGLIGENCE, OR INTENTIONAL TORT COMMITTED BY ENGINEER, ENGINEER'S EMPLOYEES, AGENTS, OR ANY OTHER PERSON OR ENTITY UNDER CONTRACT WITH ENGINEER INCLUDING, WITHOUT LIMITATION, ENGINEER'S SUBCONSULTANTS, OR ANY OTHER ENTITY OVER WHICH ENGINEER EXERCISES CONTROL.

ENGINEER FURTHER AGREES, TO THE FULLEST EXTENT PERMITTED BY LAW, TO INDEMNIFY AND HOLD THE COUNTY HARMLESS FROM ANY AND ALL LIABILITIES, LOSSES, PENALTIES, JUDGMENTS, CLAIMS, LAWSUITS, DAMAGES, COSTS AND EXPENSES, INCLUDING, BUT NOT LIMITED TO, ATTORNEYS' FEES, ("LOSSES") TO THE EXTENT SUCH LOSSES ARE CAUSED BY OR RESULTS FROM ENGINEER'S FAILURE TO PAY ENGINEER'S EMPLOYEES, SUBCONTRACTORS, SUBCONSULTANTS, OR SUPPLIERS, IN CONNECTION WITH ANY OF THE WORK PERFORMED OR TO BE PERFORMED UNDER THIS CONTRACT BY ENGINEER.

ENGINEER FURTHER AGREES TO INDEMNIFY AND HOLD THE COUNTY HARMLESS FROM ANY AND ALL LIABILITIES, LOSSES, PENALTIES, CLAIMS, LAWSUITS, DAMAGES, COSTS AND EXPENSES, INCLUDING, BUT NOT LIMITED TO, ATTORNEYS' FEES, ("LOSSES") TO THE EXTENT SUCH LOSSES ARE CAUSED BY OR RESULTS FROM THE INFRINGEMENT OF ANY INTELLECTUAL PROPERTY ARISING OUT OF THE USE OF ANY PLANS, DESIGN, DRAWINGS, OR SPECIFICATIONS FURNISHED BY ENGINEER IN THE PERFORMANCE OF THIS CONTRACT.

THE LIMITS OF INSURANCE REQUIRED IN THIS CONTRACT AND/OR THE CONTRACT DOCUMENTS SHALL NOT LIMIT ENGINEER'S OBLIGATIONS UNDER THIS SECTION. THE TERMS AND CONDITIONS CONTAINED IN THIS SECTION SHALL SURVIVE THE TERMINATION OF THE CONTRACT AND/OR CONTRACT DOCUMENTS OR THE SUSPENSION OF THE WORK HEREUNDER. TO THE EXTENT THAT ANY LIABILITIES, PENALTIES, DEMANDS, CLAIMS, LAWSUITS, LOSSES, DAMAGES, COSTS AND EXPENSES ARE CAUSED IN PART BY THE ACTS OF THE COUNTY OR THIRD PARTIES FOR WHOM ENGINEER IS NOT LEGALLY LIABLE, ENGINEER'S OBLIGATIONS SHALL BE IN PROPORTION TO ENGINEER'S FAULT. THE OBLIGATIONS HEREIN SHALL ALSO EXTEND TO ANY ACTIONS BY THE COUNTY TO ENFORCE THIS INDEMNITY OBLIGATION.

IN THE EVENT THAT CONTRACTORS INITIATE LITIGATION AGAINST THE COUNTY IN WHICH THE CONTRACTOR ALLEGES DAMAGES AS A RESULT OF ANY NEGLIGENT ACTS, ERRORS OR OMISSIONS OF ENGINEER, ITS EMPLOYEES, AGENTS, SUBCONTRACTORS, SUBCONSULTANTS, OR SUPPLIERS, OR OTHER ENTITIES OVER WHICH ENGINEER EXERCISES CONTROL, INCLUDING, BUT NOT LIMITED TO, DEFECTS, ERRORS, OR OMISSIONS, THEN THE COUNTY SHALL HAVE THE RIGHT TO JOIN ENGINEER IN ANY SUCH PROCEEDINGS AT THE COUNTY'S COST. ENGINEER SHALL ALSO HOLD THE COUNTY HARMLESS AND INDEMNIFY THE COUNTY TO THE EXTENT THAT ENGINEER, ANY OF ITS EMPLOYEES, AGENTS, SUBCONTRACTORS, SUBCONSULTANTS, OR SUPPLIERS, OR OTHER ENTITIES OVER WHICH ENGINEER EXERCISES CONTROL, CAUSED SUCH DAMAGES TO CONTRACTOR, INCLUDING ANY AND ALL COSTS AND ATTORNEYS' FEES INCURRED BY THE COUNTY IN CONNECTION WITH THE DEFENSE OF ANY CLAIMS WHERE ENGINEER, ITS EMPLOYEES, AGENTS, SUBCONTRACTORS, SUBCONSULTANTS, OR SUPPLIERS, OR OTHER ENTITIES OVER WHICH ENGINEER EXERCISES CONTROL, ARE ADJUDICATED AT FAULT.

ARTICLE 23
ENGINEER'S RESPONSIBILITIES

Engineer shall be responsible for the accuracy of his/her/its Engineering Services and shall promptly make necessary revisions or corrections to its work product resulting from errors, omissions, or negligent acts, and same shall be done without compensation. County shall determine Engineer's responsibilities for all questions arising from design errors and/or omissions, subject to the dispute resolution provisions of Article 33. Engineer shall not be relieved of responsibility for subsequent correction of any such errors or omissions in its work product, or for clarification of any ambiguities until after the construction phase of the Project has been completed.

ARTICLE 24
ENGINEER'S SEAL

The responsible engineer shall sign, seal and date all appropriate engineering submissions to County in accordance with the Texas Engineering Practice Act and the rules of the State Board of Registration for Professional Engineers.

ARTICLE 25
INSURANCE

Engineer must comply with the following insurance requirements at all times during this Contract:

A. Coverage Limits. Engineer, at Engineer's sole cost, shall purchase and maintain during the entire term while this Contract is in effect the following insurance:

1. Worker's Compensation in accordance with statutory requirements.
2. Commercial General Liability Insurance with a combined minimum Bodily Injury and Property Damage limits of $1,000,000.00 per occurrence and $2,000,000.00 in the aggregate.
3. Business Automobile Liability Insurance for all owned, non-owned, and hired vehicles with combined minimum limits for Bodily Injury and Property Damage of $1,000,000.00 each accident.
4. Professional Liability Insurance in the amount of $2,000,000.00 per claim and annual aggregate.

B. Additional Insureds; Waiver of Subrogation. County, its directors, officers and employees shall be added as additional insureds under policies listed under (2) and (3) above, and on those policies where County, its directors, officers and employees are additional insureds, such insurance shall be primary and any insurance maintained by County shall be excess and not contribute with it. Such policies shall also include waivers of subrogation in favor of County.

C. Premiums and Deductible. Engineer shall be responsible for payment of premiums for all of the insurance coverages required under this section. Engineer further agrees

that for each claim, suit or action made against insurance provided hereunder, with respect to all matters for which the Engineer is responsible hereunder, Engineer shall be solely responsible for all deductibles and self-insured retentions. Any deductibles or self-insured retentions over $50,000 in the Engineer's insurance must be declared and approved in writing by County in advance.

D. Commencement of Work. Engineer shall not commence any field work under this Contract until he/she/it has obtained all required insurance and such insurance has been approved by County. As further set out below, Engineer shall not allow any subcontractor/subconsultant(s) to commence work to be performed in connection with this Contract until all required insurance has been obtained and approved and such approval shall not be unreasonably withheld. Approval of the insurance by County shall not relieve or decrease the liability of Engineer hereunder.

E. Insurance Company Rating. The required insurance must be written by a company approved to do business in the State or Texas with a financial standing of at least an A-rating, as reflected in Best's insurance ratings or by a similar rating system recognized within the insurance industry at the time the policy is issued.

F. Certification of Coverage. Engineer shall furnish County with a certification of coverage issued by the insurer. Engineer shall not cause any insurance to be canceled nor permit any insurance to lapse. **In addition to any other notification requires set forth hereunder, Engineer shall also notify County, within twenty-four (24) hours of receipt, of any notices of expiration, cancellation, non-renewal, or material change in coverage it receives from its insurer.**

G. No Arbitration. It is the intention of the County and agreed to and hereby acknowledged by the Engineer, that no provision of this Contract shall be construed to require the County to submit to mandatory arbitration in the settlement of any claim, cause of action or dispute, except as specifically required in direct connection with an insurance claim or threat of claim under an insurance policy required hereunder or as may be required by law or a court of law with jurisdiction over the provisions of this Contract.

H. Subcontractor/Subconsultant's Insurance. Without limiting any of the other obligations or liabilities of Engineer, Engineer shall require each subcontractor/subconsultant performing work under this Contract (to the extent a subcontractor/subconsultant is allowed by County) to maintain during the term of this Contract, at the subcontractor/subconsultant's own expense, the same stipulated minimum insurance required in this Article above, including the required provisions and additional policy conditions as shown below in this Article.

Engineer shall obtain and monitor the certificates of insurance from each subcontractor/subconsultant in order to assure compliance with the insurance requirements. Engineer must retain the certificates of insurance for the duration of this Contract, and shall have the responsibility of enforcing these insurance requirements among its subcontractor/subconsultants. County shall be entitled, upon request and without expense, to receive copies of these certificates of insurance.

I. Insurance Policy Endorsements. Each insurance policy shall include the following conditions by endorsement to the policy:

1. County shall be notified thirty (30) days prior to the expiration, cancellation, non-renewal or any material change in coverage, and such notice thereof shall be given to County by certified mail to:

   Williamson County Purchasing Department
   100 Wilco Way
   Suite P101
   Georgetown, TX. 78626

   With copy to:

   Williamson County Auditor's Office
   Attn: Contracts Auditor
   901 South Austin Avenue
   Georgetown, Texas 78626

2. The policy clause "Other Insurance" shall not apply to any insurance coverage currently held by County, to any such future coverage, or to County's Self-Insured Retentions of whatever nature.

J. Cost of Insurance. The cost of all insurance required herein to be secured and maintained by Engineer shall be borne solely by Engineer, with certificates of insurance evidencing such minimum coverage in force to be filed with County. Such Certificates of Insurance are evidenced as **Exhibit F** herein entitled "Certificates of Insurance."

ARTICLE 26
COPYRIGHTS

County shall have the royalty-free, nonexclusive and irrevocable right to reproduce, publish or otherwise use, and to authorize others to use, any reports developed by Engineer for governmental purposes.

ARTICLE 27
SUCCESSORS AND ASSIGNS

This Contract shall be binding upon and inure to the benefit of the parties hereto, their successors, lawful assigns, and legal representatives. Engineer may not assign, sublet or transfer any interest in this Contract, in whole or in part, by operation of law or otherwise, without obtaining the prior written consent of County.

ARTICLE 28
SEVERABILITY

In the event 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, then such invalidity, illegality or unenforceability shall not affect any other provision thereof and this Contract shall be construed as if such invalid, illegal or unenforceable provision had never been contained herein.

ARTICLE 29
PRIOR AGREEMENTS SUPERSEDED

This Contract constitutes the sole agreement of the parties hereto, and supersedes any prior understandings or written or oral contracts between the parties respecting the subject matter defined herein. This Contract may only be amended or supplemented by mutual agreement of the parties hereto in writing.

ARTICLE 30
ENGINEER'S ACCOUNTING RECORDS

Engineer agrees to maintain, for a period of three (3) years after final payment under this Contract, detailed records identifying each individual performing the Engineering Services, the date or dates the services were performed, the applicable hourly rates, the total amount billed for each individual and the total amount billed for all persons, records of reimbursable costs and expenses of other providers and provide such other details as may be requested by the County Auditor for verification purposes. Engineer agrees that County or its duly authorized representatives shall, until the expiration of three (3) years after final payment under this Contract, have access to and the right to examine and photocopy any and all books, documents, papers and records of Engineer which are directly pertinent to the services to be performed under this Contract for the purposes of making audits, examinations, excerpts, and transcriptions. Engineer further agrees that County shall have access during normal working hours to all necessary Engineer facilities and shall be provided adequate and appropriate work space in order to conduct audits in compliance with the provisions of this section. County shall give Engineer reasonable advance notice of intended audits.

ARTICLE 31
NOTICES

All notices to either party by the other required under this Contract shall be personally delivered or mailed to such party at the following respective addresses:

County: Williamson County Judge
710 Main Street, Suite 101
Georgetown, Texas 78626

With copy to: County's Road Bond Program Manager
Attn: Michael Weaver
HNTB Corporation
101 E. Old Settlers Blvd., Suite 100
Round Rock, Texas 78664

and to: Office of General Counsel
Williamson County
710 Main Street, Suite 102
Georgetown, Texas 78626

Engineer: Willis R. Conner
American Structurepoint, Inc.
9025 River Road, Suite 200
Indianapolis, Indiana 46240

ARTICLE 32
GENERAL PROVISIONS

A. Time is of the Essence. Subject to Article 3 hereof, Engineer understands and agrees that time is of the essence and that any failure of Engineer to complete the Engineering Services for each phase of this Contract within the agreed work schedule set out in the applicable Work Authorization may constitute a material breach of this Contract. Engineer shall be fully responsible for his/her/its delays or for failures to use his/her/its reasonable efforts in accordance with the terms of this Contract and the Engineer's standard of performance as defined herein. Where damage is caused to County due to Engineer's negligent failure to perform County may accordingly withhold, to the extent of such damage, Engineer's payments hereunder without waiver of any of County's additional legal rights or remedies.

B. Force Majeure. Neither County nor Engineer shall be deemed in violation of this Contract if prevented from performing any of their obligations hereunder by reasons for which they are not responsible or circumstances beyond their control. However, notice of such impediment or delay in performance must be timely given, and all reasonable efforts undertaken to mitigate its effects.

C. Enforcement and Venue. This Contract shall be enforceable in Georgetown, Williamson County, Texas, and if legal action is necessary by either party with respect to the enforcement of any or all of the terms or conditions herein, exclusive venue for same shall lie in Williamson County, Texas. This Contract shall be governed by and construed in accordance with the laws and court decisions of the State of Texas excluding, however, its choice of law rules.

D. Standard of Performance. The standard of care for all professional engineering, consulting and related services performed or furnished by Engineer and its employees under this Contract will be the care and skill ordinarily used by members of Engineer's profession practicing

under the same or similar circumstances at the same time and in the same locality.

E. Opinion of Probable Cost. Any opinions of probable Project cost or probable construction cost provided by Engineer are made on the basis of information available to Engineer and on the basis of Engineer's experience and qualifications and represents its judgment as an experienced and qualified professional engineer. However, since Engineer has no control over the cost of labor, materials, equipment or services furnished by others, or over the contractor(s') methods of determining prices, or over competitive bidding or market conditions, Engineer does not guarantee that proposals, bids or actual Project or construction cost will not vary from opinions of probable cost Engineer prepares.

F. Opinions and Determinations. Where the terms of this Contract provide for action to be based upon opinion, judgment, approval, review, or determination of either party hereto, such terms are not intended to be and shall never be construed as permitting such opinion, judgment, approval, review, or determination to be arbitrary, capricious, or unreasonable.

G. Reports of Accidents. Within 24 hours after Engineer 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 Engineer), whether or not it results from or involves any action or failure to act by the Engineer or any employee or agent of the Engineer and which arises in any manner from the performance of this Contract, the Engineer 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 Engineer shall also immediately send the County a copy of any summons, subpoena, notice, or other documents served upon the Engineer, 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 Engineer's performance of work under this Contract.

H. Gender, Number and Headings. 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, unless the context otherwise requires. The headings and section numbers are for convenience only and shall not be considered in interpreting or construing this Contract.

I. Construction. Each party hereto acknowledges that it and its counsel have reviewed this Contract and that the normal rules of construction are not applicable and there will be no presumption that any ambiguities will be resolved against the drafting party in the interpretation of this Contract.

J. Independent Contractor Relationship. Both parties hereto, in the performance of this Contract, 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.

K. No Waiver of Immunities. Nothing in this Contract 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 or employees, 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.

L. Texas Public Information Act. To the extent, if any, that any provision in this Contract 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 County, 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 County as to whether or not the same are available to the public. It is further understood that County's officers and employees shall have the right to rely on the advice, decisions and opinions of the Attorney General, and that 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 County by a party hereto, in reliance of any advice, decision or opinion of the Attorney General of the State of Texas.

M. Governing Terms and Conditions. If there is an irreconcilable conflict between the terms and conditions set forth in this Contract or any Contract Amendment and the terms and conditions set forth in any Exhibit, Appendix, Work Authorization or Supplemental Work Authorization to this Contract, the terms and conditions set forth in this Contract or any Contract Amendment shall control over the terms and conditions set forth in any Exhibit, Appendix, Work Authorization or Supplemental Work Authorization to this Contract.

N. Meaning of Day. For purposes of this Contract, all references to a "day" or "days" shall mean a calendar day or calendar days.

O. Appropriation of Funds by County. County believes it has sufficient funds currently available and authorized for expenditure to finance the costs of this Contract. Engineer understands and agrees that County's payment of amounts under this Contract 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.

ARTICLE 33
DISPUTE RESOLUTION

Except as otherwise specifically set forth herein, County and Engineer shall work together in good faith to resolve any controversy, dispute or claim between them which arises out of or relates to this Contract, whether stated in tort, contract, statute, claim for benefits, bad faith, professional liability or otherwise ("Claim"). If the parties are unable to resolve the Claim within thirty (30) days following the date in which one party sent written notice of the Claim to the other party, and if a party wishes to pursue the Claim, such Claim shall be addressed through non-binding mediation. A single mediator engaged in the practice of law, who is knowledgeable about subject matter of this Contract, shall be selected by agreement of the parties and serve as the mediator.

Any mediation under this Contract shall be conducted in Williamson County, Texas. The mediator's fees shall be borne equally between the parties. Such non-binding mediation is a condition precedent to seeking redress in a court of competent jurisdiction, but this provision shall not preclude either party from filing a lawsuit in a court of competent jurisdiction prior to completing a mediation if necessary to preserve the statute of limitations, in which case such lawsuit shall be stayed pending completion of the mediation process contemplated herein. This provision shall survive the termination of the Contract.

ARTICLE 34
EQUAL OPPORTUNITY IN EMPLOYMENT

During the performance of this Contract and to the extent the Project is a federally funded project, Engineer, for itself, its assignees and successors in interest agrees as follows:

A. Compliance with Regulations. The Engineer shall comply with the Regulations relative to nondiscrimination in Federally-assisted programs of the Department of Transportation (hereinafter, "DOT") Title 49, Code of Federal Regulations, Part 21, as they may be amended from time to time, (hereinafter referred to as the Regulations), which are herein incorporated by reference and made a part of this Contract.

B. Nondiscrimination. The Engineer, with regard to the work performed by it during the Contract, shall not discriminate on the grounds of race, color, or national origin in the selection and retention of subcontractors/subconsultants, including procurements of materials and leases of equipment. The Engineer shall not participate either directly or indirectly in the discrimination prohibited by section 21.5 of the Regulations, including employment practices when the contract covers a program set forth in Appendix B of the Regulations.

C. Solicitations for Subcontracts, Including Procurements of Materials and Equipment. In all solicitations either by competitive bidding or negotiation made by the Engineer for work to be performed under a subcontract, including procurements of materials or leases of equipment, each potential subcontractor/subconsultant or supplier shall be notified by the Engineer of the Engineer's obligations under this Contract and the Regulations relative to nondiscrimination on the grounds of race, color, or national origin.

D. Information and Reports. The Engineer shall provide all information and reports required by the Regulations or directives issued pursuant thereto, and shall permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the County (referred to in this Article as the "Recipient") or the Texas Department of Transportation to be pertinent to ascertain compliance with such Regulations, orders and instructions. Where any information required of a contractor is in the exclusive possession of another who fails or refuses to furnish this information the Engineer shall so certify to the Recipient, or the Texas Department of Transportation as appropriate, and shall set forth what efforts it has made to obtain the information.

E. Sanctions for Noncompliance. In the event of the Engineer's noncompliance with the nondiscrimination provisions of this contract, the Recipient shall impose such contract

sanctions as it or the Texas Department of Transportation may determine to be appropriate, including, but not limited to:

1. withholding of payments to the Engineer under the contract until the Engineer complies, and/or;
2. cancellation, termination or suspension of the Contract, in whole or in part.

F. Incorporation of Provisions. The Engineer shall include the provisions of Subsections (A) through (F) above in every subcontract, including procurements of materials and leases of equipment, unless exempt by the Regulations, or directives issued pursuant thereto. The Engineer shall take such action with respect to any subcontract or procurement as the Recipient or the Texas Department of Transportation may direct as a means of enforcing such provisions including sanctions for non-compliance: Provided, however, that, in the event a contractor becomes involved in, or is threatened with, litigation with a subcontractor/subconsultant or supplier as a result of such direction, the Engineer may request the Recipient to enter into such litigation to protect the interests of the Recipient, and, in addition, the Engineer may request the United States to enter into such litigation to protect the interests of the United States.

SIGNATORY WARRANTY

The undersigned signatory for Engineer hereby represents and warrants that the signatory is an officer of the organization for which he/she has executed this Contract and that he/she has full and complete authority to enter into this Contract on behalf of the firm. The above-stated representations and warranties are made for the purpose of inducing County to enter into this Contract.

IN WITNESS WHEREOF, County has caused this Contract to be signed in its name by its duly authorized County Judge, as has Engineer, signing by and through its duly authorized representative(s), thereby binding the parties hereto, their successors, assigns and representatives for the faithful and full performance of the terms and provisions hereof, to be effective as of the date of the last party's execution below. NO OFFICIAL, EMPLOYEE, AGENT, OR REPRESENTATIVE OF THE COUNTY HAS ANY AUTHORITY, EITHER EXPRESS OR IMPLIED, TO AMEND, TERMINATE OR MODIFY THIS CONTRACT, EXCEPT PURSUANT TO SUCH EXPRESS AUTHORITY AS MAY BE GRANTED BY THE WILLIAMSON COUNTY COMMISSIONERS COURT.

COUNTY

WILLIAMSON COUNTY, TEXAS

By: _____
Bill Gravell Jr., County Judge

Date: _____ ____, 20_____

3/4/2021

ENGINEER

American Structurepoint, Inc.

By _____

Printed Name: Willis R. Conner

Title: President

Date: March 4, 2021

LIST OF EXHIBITS ATTACHED

(1) **Exhibit A** Debarment Certification

(2) **Exhibit B** Engineering Services

(3) **Exhibit C** Work Authorization

(4) **Exhibit D** Rate Schedule

(5) **Exhibit E** Williamson County Vendor Reimbursement Policy

(6) **Exhibit F** Certificates of Insurance

EXHIBIT A
DEBARMENT CERTIFICATION

STATE OF TEXAS §
§
COUNTY OF WILLIAMSON §

I, the undersigned, being duly sworn or under penalty of perjury under the laws of the United States and the State of Texas, certifies that Engineer and its principals:

(a) Are not presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any federal department or agency:

(b) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public* transaction or contract under a public transaction; violation of federal or state antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;

(c) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity* with commission of any of the offenses enumerated in paragraph (1)(b) of this certification;

(d) Have not within a three-year period preceding this application/proposal had one or more public transactions* terminated for cause or default; and

(e) Have not been disciplined or issued a formal reprimand by any State agency for professional accreditation within the past three years.

American Structurepoint, Inc.
Name of Firm



Signature of Certifying Official

Willis R. Conner
Printed Name of Certifying Official

President
Title of Certifying Official

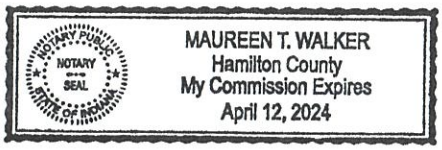
March 4, 2021
Date

(2) Where the PROVIDER is unable to certify to any of the statements in this certification, such PROVIDER shall attach an explanation to this certification.

* federal, state, or local

SUBSCRIBED and sworn to before me the undersigned authority by Willis R. Conner, the President of American Structurepoint, on behalf of said firm.

Maureen T. Walker
Notary Public in and for the
State of Indiana



My commission expires: April 12, 2024

EXHIBIT B

ENGINEERING SERVICES

ENGINEERING SERVICES

General Work Description: Provide engineering services and planning to develop _Anderson Mill Road from FM 734 to Loop 1_ Planning & Design.

The Engineer may perform any or all of the following tasks listed below, as described in detailin each Work Authorization:

TASK 1 - PROJECT MANAGEMENT

TASK 2 - ROUTE AND DESIGN STUDIES

TASK 3 - PUBLIC INVOLVEMENT

TASK 4 – TRAFFIC EVALUATION AND PROJECTIONS

TASK 5 – SURVEYING

TASK 6 – RIGHT-OF-WAY (ROW) MAPPING

TASK 7 – SCHEMATIC DEVELOPMENT

TASK 8 – DRAINAGE STUDY

TASK 9 – ENVIRONMENTAL STUDIES & DOCUMENTS

TASK 10 – GEOTECHNICAL SERVICES

TASK 11 – PLANS, SPECIFICATIONS AND ESTIMATE (PS&E)

TASK 12 – BIDDING PHASE SERVICES

TASK 13 – CONSTRUCTION PHASE SERVICES



EXHIBIT C

WORK AUTHORIZATION

(To Be Completed and Executed After Contract Execution)

WORK AUTHORIZATION NO. _____
PROJECT: _____

This Work Authorization is made pursuant to the terms and conditions of the Williamson County Contract for Engineering Services, being dated _____ ____, 20____ and entered into by and between Williamson County, Texas, a political subdivision of the State of Texas, (the "County") and _____ (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 _____.

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 _____ ____, 20_____. 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 _____, 20___.

ENGINEER:	COUNTY:
[Insert Company Name HERE]	Williamson County, Texas
By:_____	By:_____
Signature	Signature
_____	_____
Printed Name	Printed Name
_____	_____
Title	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

EXHIBIT D

RATE SCHEDULE

CPI Rate Adjustments: Rates will remain firm for the initial first year of the Contract and such rates shall be deemed the "Initial Base Rates". Engineer must request rate adjustments, in writing, at least thirty (30) days prior to each annual anniversary date of the Contract and any rate changes will take effect on the first day following the prior year. If Engineer fails to request a CPI rate adjustment, as set forth herein, the adjustment will be effective thirty (30) days after the County receives Engineer's written request. No retroactive rate adjustments will be allowed. All rates adjustments and modifications shall be set forth in a written fully executed Contract Amendment.

Price adjustments will be made in accordance with changes in the U.S. Department of Labor Consumer Price Index (CPI-U) for All Urban Consumers, All Items, South Region (Base 1982-84 = 100).

The rate adjustment will be determined by multiplying the Initial Base Rates by a fraction, the numerator of which is the index number for most recently released index before each annual anniversary date of the Contract and the denominator of which is the index number for the first month of the Contract (the index number for the month in which the Contract was originally executed). If the products are greater than the Initial Base Rates, County will pay the greater amounts as the rates during the successive year until the next rate adjustment. Rates for each successive year will never be less than the Initial Base Rates.

EXHIBIT D - RATE SCHEDULE

American Structurepoint, Inc.		
Labor Classification	Rate	
Principal	$ 260.00	
QA/QC	$ 260.00	
Senior Project Manager	$ 250.00	
Project Manager	$ 220.00	
Senior Project Engineer	$ 190.00	
Project Engineer	$ 150.00	
Traffic Engineer	$ 130.00	
Design Engineer	$ 128.00	
Senior Technician	$ 140.00	
Technician	$ 100.00	
EIT	$ 115.00	
Direct Expenses		
Item	Rate	Units
In-house Photocopies B/W (8.5x11)	$ 0.10	/page
In-house Photocopies Color (8.5x11)	$ 0.75	/page
In-house Photocopies B/W (11x17)	$ 0.32	/page
In-house Photocopies Color (11.17)	$ 1.50	/page
In-house Plots (B/W on Bond)	$ 0.75	/sf
In-house Plots (Color on Bond)	$ 1.75	/sf
In-house Large Format Plotting	$ 2.50	/sf



EXHIBIT D - RATE SCHEDULE

CP&Y		
Labor Classification	Rate	
Senior Project Manager	$	265.00
Quality Manager	$	174.00
Senior Engineer	$	224.00
Project Engineer	$	191.00
Design Engineer	$	158.00
Engineer-In-Training	$	121.00
Senior Engineer Tech	$	154.00
Engineer Tech	$	111.00
Survey Project Manager	$	200.00
Project Surveyor/RPLS	$	150.00
Senior Survey Tech	$	126.00
Survey Technician	$	105.00
1-man Field Crew	$	125.00
2-man Field Crew	$	150.00
3-man Field Crew	$	180.00
Executive Assistant	$	84.00
Environmental Manager	$	251.00
Senior Environmental Planner	$	245.00
Environmental Planner IV	$	174.00
Environmental Planner I/II	$	111.00
Senior Environmental Scientist	$	174.00
Environmental Scientist IV	$	154.00
Environmental Scientist III	$	121.00
Environmental Scientist I/II	$	111.00
Senior Architectural Historian	$	148.00
Architectural Historian	$	107.00
Admin/Clerical	$	121.00
Senior GIS Operator	$	111.00
GIS Operator	$	101.00

Direct Expenses			
Item	Rate		Units
Photocopies B/W (8 1/2" X 11")	$	0.25	/each
Photocopies B/W (11" X 17")	$	0.50	/each
Photocopies Color (8 1/2" X 11")	$	0.75	/each
Photocopies Color (11" X 17")	$	1.50	/each
Digital Ortho Plotting	$	2.50	/sheet
Plots (B/W on Bond)	$	1.00	/sf
Plots (Color on Bond)	$	2.00	/sf
Plots (Color on Photographic Paper)	$	5.50	/sf
Color Graphics on Foam Board (bill actual w/o tax)	$	11.00	/sf
Cardstock Color (8 1/2" x 11")	$	2.00	/each
Cardstock Color (8 1/2" x 11")	$	2.00	/each
4" X 6" Digital Color Print	$	0.50	/picture
Noise Meter Rental	$	80.00	/day
Backhoe and operator	$	1,450.00	/day
GPS GIS Grade	$	80.00	/day
Deed Copies		At Cost	/sheet
Control Monuments	$	90.00	/each



EXHIBIT D - RATE SCHEDULE

Ground Target(Includes paint, panel material, etc.)	$ 20.00	/each
GPS Receiver	$ 25.00	/hour
Terrestrial Laser Scanner	$ 100.00	/hour
Helicopter Airborne Lidar	$ 700.00	/hour
Digital Imagery Processing	$ 30.00	/each
LiDAR Mobile Mapping System	$ 9,500.00	/day
Aerial Photography Flight Crew Fixed Wing Aircraft	$ 205.00	/hour
LiDAR Flight Crew Fixed Wing Aircraft (Includes Pilot and LiDAR Operator)	$ 120.00	/hour
Aerial LiDAR System	$ 1,300.00	/day
B&W processing (film, development, scanning)	$ 25.00	/each
CIR processing (film, development, scanning)	$ 30.00	/each
Color processing (film, development, scanning)	$ 30.00	/each
Digital Image Processing	$ 27.00	/each
Ground Penetrating Radar	$ 415.00	/Radar
Specialty Equipment (Sonde, Radio Beacon, Duct Rodder)	$ 35.00	/day
Geophysical Locating Equipment	$ 65.00	/day
Environmental Supplies	$ 27.00	/day
ATV or Utility Vehicle	$ 75.00	/day
Mobilization for Aerial Photography/LiDAR Fixed Wing	$ 27,500.00	/mobilization
Mobilization for Helicopter Airborne LiDAR (Includes helicopter, Pilot, LiDAR	$ 27,500.00	/mobilization
Mobilization for Rotary Wing Unmanned Aerial System Photography/LiDAR (Includes aircraft, Pilot,	$ 5,000.00	/mobilization
Mobilization for Fixed Wing Unmanned Aerial System Photography/LiDAR (Includes aircraft, Pilot,	$ 5,000.00	/mobilization
Mobilization for Mobile Mapping System (Includes Vehilce, Driver,	$ 9,500.00	/mobilization
2-hour turning movement counts (7 ints x 2 peaks)	$ 350.00	/each
Travel Time runs (AM and PM 2-hour peaks)	$ 55.00	/hour



EXHIBIT D - RATE SCHEDULE

Halff Associates, Inc.		
Labor Classification	Rate	
Principal-in-Charge	$	350.00
Project Manager	$	250.00
Deputy Project Manager	$	235.00
Quality Manager	$	230.00
Senior Engineer	$	220.00
Project Engineer	$	180.00
Design Engineer	$	145.00
Engineer-In-Training	$	118.00
Senior Engineer Tech	$	130.00
Engineer Tech	$	100.00
Senior CADD Operator	$	115.00
CADD Operator	$	90.00
Senior GIS Operator	$	150.00
GIS Operator	$	120.00
GIS Technician	$	95.00
Senior Geologist	$	173.00
Geologist	$	142.00
Senior Environmental Scientist	$	198.00
Environmental Scientist IV	$	167.00
Environmental Scientist III	$	135.00
Environmental Scientist I/II	$	85.00
Senior Field Tech (Envrionmental, Biological, Archeological)	$	110.00
Field Tech (Envrionmental, Biological, Archeological)	$	85.00
Senior Architectural Historian	$	157.00
Architectural Historian	$	123.00
Senior Public Involvement Specialist	$	189.00
Public Involvement Specialist	$	142.00
Licensed State Land Surveyor	$	183.00
Admin/Clerical	$	80.00

Direct Expenses			
Item	Rate		Units
Plots (B/W on Bond)	$	0.60	sf
Plots (Color on Bond)	$	1.60	sf
Plots (Color on Photographic Paper)	$	4.00	sf
Color Graphics on Foam Board	$	18.00	sf

EXHIBIT D - RATE SCHEDULE

Raba Kistner Consultants			
Labor Classification	Rate		
Principal	$	220.00	
Sr. Geotechnical Engineer	$	195.00	
Project Manager	$	185.00	
Geotechnical Engineer	$	165.00	
EIT	$	135.00	
Geologist	$	120.00	
Geotechnical Logger	$	110.00	
CADD Technician	$	95.00	
Sr. Geotech Eng Technician	$	80.00	
Geotechnical Lab Technician	$	75.00	
Geotechnical Eng Technician	$	70.00	
Admin/Clerical	$	60.00	
Direct Expenses			
Item	Rate		Units
8.5x11 b/w paper copies	$	0.21	/page
11x17 b/w paper copies	$	0.31	/page
8.5x11 color paper copies	$	0.38	/page
11x17 color paper copies	$	0.45	/page
Drill Rig Mobilization (min charge)	$	495.00	/each
Drill Rig Mobilization	$	6.50	/mile
Logger Truck	$	0.85	/mile
Drillling & Sampling (Cohesive/Granular Soils)	$	19.50	/ft
Hollow Stem Drilling (Granular Soils)	$	28.00	/ft
Drilling & Sampling (Soft Rock - Limestone)	$	35.00	/ft
Drilling & Sampling (Hard Rock - Limestone)	$	42.00	/ft
Texas Cone Penetrometer	$	25.00	/test
Standard Penetration Testing	$	20.00	/test
Bentonite Backfill	$	3.50	/ft
Driller Standby	$	195.00	/hr
Traffic Control	$	3,000.00	/day
Lab Testing (Moisture Content)	$	15.00	/test
Lab Testing (Atterberg Limit)	$	105.00	/test
Lab Testing (Percent Passing No. 200 Sieve)	$	58.00	/test
Lab Testing (Sieve Analysis)	$	85.00	/test
Lab Testing (Hydrometer)	$	355.00	/test
Lab Testing (Corrosivity: Chloride, pH, Resistivity)	$	175.00	/test
Lab Testing (Unconfined Compression - Soil)	$	32.00	/test
Lab Testing (Unconfined Compression - Rock)	$	38.00	/test
Lab Testing (Sulfate Testing)	$	98.00	/test
Lab Testing (Lime Series Curve)	$	410.00	/test
Lab Testing (Moisture/Density Test)	$	295.00	/test
Lab Testing (Resilient Modulus)	$	1,800.00	/test
Lab Testing (California Bearing Ratio Test)	$	185.00	/test

EXHIBIT D - RATE SCHEDULE

CPI Rate Adjustments: Rates will remain firm for the initial first year of the Contract and such rates shall be deemed the "Initial Base Rates." Engineer must request rate adjustments, in writing, at least thirty (30) days prior to each annual anniversary date of the Contract and any rate changes will take effect on the first day following the prior year. If Engineer fails to request a CPI rate adjustment, as set forth herein, the adjustment will be effective thirty (30) days after the County receives Engineer's written request. No retroactive rate adjustments will be allowed. Price adjustments will be made in accordance with changes in the U.S. Department of Labor Consumer Price Index (CPI-U) for All Urban Consumers, All Items, South Region (Base 1982-84+100). The rate adjustment will be determined by multiplying the Initial Base Rates by a fraction, the numerator of which is the index number for most recently released index before each annual anniversary date of the Contract and the denominator of which is the index number for the first month of the Contract (the index number for the month in which the Contract was originally executed). If the products are greater than the Initial Base Rates, County will pay the greater amounts as the rates during the successive year until the next rate adjustment. Rates for each successive year will never be less than the Initial Base Rates.

EXHIBIT E

Williamson County
Vendor Reimbursement Policy

The purpose of this Williamson County Vendor Reimbursement Policy ("Policy") is to provide clear guidelines to vendors on Williamson County's expectations and requirements regarding allowable reimbursable expenditures and required backup. The Policy will also minimize conflicts related to invoice payments and define non-reimbursable items. This Policy is considered a guideline and is not a contract.

This Policy may be altered, deleted or amended, at any time and without prior notice to vendors, by action of the Williamson County Commissioners Court. Unenforceable provisions of this Policy, as imposed by applicable law, regulations, or judicial decisions, shall be deemed to be deleted. Any revisions to this Policy will be distributed to all current vendors doing business with the County.

1. Invoices and Affidavits

1.1 Invoices must adequately describe the goods or services provided to County and include all required backup (i.e. reimbursable expenses, mileage log, timesheets, receipts detailing expenses incurred etc.) that is in a form acceptable to the Williamson County Auditor. Invoices that do not adequately describe the goods or services provided to County or contain backup that is satisfactory to the Williamson County Auditor will be returned to vendor for revisions and the provision above relating to invoice errors resolved in favor of the County shall control as to the required actions of vendor and when such invoice must be paid by the County.

1.2 In the event an invoice includes charges based upon hourly billing rates for services or any other rates based upon the amount of time worked by an individual or individuals in performing services, whether the charges are being billed directly to the County or whether they are the basis of invoices from subcontractors for which the vendor seeks reimbursement from the County, the charges shall be accompanied by an affidavit signed by an officer or principal of the vendor certifying that the work was performed, it was authorized by the County and that all information contained in the invoice that is being submitted is true and correct.

1.3 Upon County's request, vendor must submit all bills paid affidavits wherein vendor must swear and affirm that vendor has paid each of its subcontractors, laborers, suppliers and material in full for all labor and materials provided to vendor for or in connection with services and work performed for County and, further, vendor must swear and affirm that vendor is not aware of any unpaid bills, claims, demands, or causes of action by any of its subcontractors, laborers, suppliers, or material for or in connection with the furnishing of labor or materials, or both, for services and work performed for County.

2. Travel Reimbursement

2.1 The County will only cover costs associated with travel on vendors outside a 50 mile radius from Williamson County, Texas.

2.2 The County will only cover costs associated with travel as documented work for County. If a vendor is also doing business for another client, the travel costs must be split in proportion to the amount of work actually performed for County and the other client. The only allowable travel expense will be for the specific days worked for Williamson County.

2.3 No advance payments will be made to vendor for travel expenditures. The travel expenditure may only be reimbursed after the expenditure/trip has already occurred and vendor has provided the Williamson County Auditor with all necessary and required backup.

2.4 Vendors must submit all travel reimbursement requests on each employee in full. Specifically, a travel reimbursement request must include all related travel reimbursement expenses relating to a particular trip for which vendor seeks reimbursement. Partial travel reimbursement requests will not be accepted (i.e. vendor should not submit hotel and mileage one month then the next month submit rental car and airfare). If the travel reimbursement appears incomplete, the invoice will be sent back to the vendor to be submitted when all information is ready to submit in full.

2.5 Reimbursement for transportation costs will be at the most reasonable means of transportation (i.e.: airline costs will be reimbursed for coach rate, rental car costs will only be reimbursed if rental car travel was most reasonable means of travel as compared to travel by air).

2.6 The County will not be responsible for, nor will the County reimburse additional charges due to personal preference or personal convenience of individual traveling.

2.7 The County will not reimburse airfare costs if airfare costs were higher than costs of mileage reimbursement.

2.8 Additional expenses associated with travel that is extended to save costs (i.e. Saturday night stay) may be reimbursed if costs of airfare would be less than the cost of additional expenses (lodging, meals, car rental, mileage) if the trip had not been extended. Documentation satisfactory to the Williamson County Auditor will be required to justify expenditure.

2.9 County will only reimburse travel expense to necessary personnel of the vendor (i.e. no spouse, friends or family members).

2.10 Except as otherwise set forth herein, a vendor must provide a paid receipt for all expenses. If a receipt cannot be obtained, a written sworn statement of the expense from the vendor may be substituted for the receipt.

2.11 Sales tax for meals and hotel stays are the only sales taxes that will be reimbursed. Sales tax on goods purchased will not be reimbursed. A sales tax exemption form is available from the Williamson County Auditor's Office upon request.

2.12 The County will not pay for any late charges on reimbursable items. It is the responsibility of the vendor to pay the invoice first and seek reimbursement from the County.

3. Meals

3.1 Meal reimbursements are limited to a maximum of $50.00 per day on overnight travel. On day travel (travel that does not require an overnight stay), meal reimbursements are limited to a maximum of $20.00 per day. The travel must be outside the Williamson County, Texas line by a 50 mile radius.

3.2 Receipts are required on meal reimbursement amounts up to the maximum per day amount stated for overnight or day travel. If receipts are not presented, the vendor can request per diem (per diem limits refer to 3.2). However, a vendor cannot combine per diem and meal receipts. Only one method shall be allowed.

3.3 Meals are reimbursable only for vendors who do not have the necessary personnel located within a 50 mile radius of Williamson County, Texas that are capable of carrying the vendor's obligations to County. Meals will not be reimbursed to vendors who are located within a 50 mile radius of Williamson County, Texas.

3.4 County will not reimburse for alcoholic beverages.

3.5 Tips are reimbursable but must be reasonable to limitation of meal allowance

3.6 No meals purchased for entertainment purposes will be allowed.

3.7 Meal reimbursement must be substantiated with a hotel receipt.

4. Lodging

4.1 Hotel accommodations require an itemized hotel folio as a receipt. The lodging receipt should include name of the motel/hotel, number of occupant(s), goods or services for each individual charge (room rental, food, tax, etc.) and the name of the occupant(s). Credit card receipts or any other form of receipt are not acceptable.

4.2 Vendors will be reimbursed for a single room rate charge plus any applicable tax. If a single room is not available, the vendor must provide documentation to prove that a single room was not available in order to justify the expense over and above the single room rate. A vendor may also be required to provide additional documentation if a particular room rate appears to be excessive.

4.3 Personal telephone charges, whether local or long distance, will not be reimbursed.

5. Airfare

5.1 The County will only reimburse up to a coach price fare for air travel.

5.2 The County will exclude any additional charges due to personal preference or personal convenience of the individual traveling (i.e. early bird check in, seat preference charges, airline upgrades, etc. will not be an allowable reimbursement)

5.3 Air travel expenses must be supported with receipt copy of an airline ticket or an itinerary with actual ticket price paid. If tickets are purchased through a website, vendor must submit a copy of the webpage showing the ticket price if no paper ticket was issued.

5.4 Cancellation and/or change flight fees may be reimbursed by the County but vendor must provide the Williamson County Auditor with documentation in writing from a County department head providing authorization for the change.

5.5 The County will not reimburse vendor for tickets purchased with frequent flyer miles.

6. Car Rental

6.1 Vendors that must travel may rent a car at their destination when it is less expensive than other transportation such as taxis, airport shuttles or public transportation such as buses or subways.

6.2 Cars rented must be economy or mid-size. Luxury vehicle rentals will not be reimbursed. Any rental costs over and above the cost of a mid-size rental will be adjusted.

6.3 Vendors will be reimbursed for rental cars if the rental car cost would have been less than the mileage reimbursement cost (based on the distance from vendor's point of origin to Williamson County, Texas) had the vendor driven vendor's car.

6.4 Vendors must return a car rental with appropriate fuel levels as required by rental agreement to avoid the car rental company from adding fuel charges.

6.5 Rental agreement and credit card receipt must be provided to County as back up for the request for reimbursement.

6.6 Insurance purchased when renting vehicle may also be reimbursed.

6.7 Car Rental optional extras such as GPS, roadside assistance, and administrative fees on Tolls will not be reimbursed.

7. Personal Car Usage

7.1 Personal vehicle usage will be reimbursed in an amount equal to the standard mileage rate allowed by the IRS.

7.2 Per code of Federal Regulations, Title 26, Subtitle A, Chapter 1, Subchapter B, Part IX, Section 274(d), all expense reimbursement requests must include the following:

7.2.1.1 Date
7.2.1.2 Destination
7.2.1.3 Purpose
7.2.1.4 Name of traveler(s)
7.2.1.5 Correspondence that verifies business purpose of the expense

7.3 The mileage for a personal vehicle must document the date, location of travel to/from, number of miles traveled and purpose of trip.

7.4 Mileage will be reimbursed on the basis of the most commonly used route.

7.5 Reimbursement for mileage shall not exceed the cost of a round trip coach airfare.

7.6 Reimbursement for mileage shall be prohibited between place of residence and usual place of work.

7.7 Mileage should be calculated from employee's regular place of work or their residence, whichever is the shorter distance when traveling to a meeting or traveling to Williamson County, Texas for vendors who are located outside of Williamson County, Texas by at least a 50 mile radius.

7.8 When more than one person travels in same vehicle, only one person may claim mileage reimbursement.

7.9 Tolls, if reasonable, are reimbursable. Receipts are required for reimbursement. If a receipt is not obtainable, then written documentation of expense must be submitted for reimbursement (administrative fees on Tolls will not be reimbursed).

7.10 Parking fees, if reasonable are reimbursable for meetings and hotel stays. For vendors who contract with a third party for visitor parking at vendor's place of business, Williamson County will not reimburse a vendor based on a percentage of its contracted visitor parking fees. Rather, Williamson County will reimburse Vendor for visitor parking on an individual basis for each time a visitor uses Vendor's visitor parking. Receipts are required for reimbursement. If a receipt is not obtainable, then written documentation of expense must be submitted for reimbursement.

7.11 Operating and maintenance expenses as well as other personal expenses, such as parking tickets, traffic violations, and car repairs and collision damage are not reimbursable.

8. Other Expenses

8.1 Taxi fare, bus tickets, conference registrations, parking, etc. must have a proper original receipt.

9. Repayment of Nonreimbursable Expense.

Vendors must, upon demand, immediately repay County for all inappropriately reimbursed expenses whenever an audit or subsequent review of any expense reimbursement documentation finds that such expense was reimbursed contrary to these guidelines and this Policy. Williamson County reserves the right to retain any amounts that are due or that become due to a vendor in order to collect any inappropriately reimbursed expenses that a vendor was paid.

10. Non-Reimbursable Expenses

In addition to the non-reimbursable items set forth above in this Policy, the following is a non-exhaustive list of expenses that will not be reimbursed by Williamson County:

10.1 Alcoholic beverages/tobacco products
10.2 Personal phone calls
10.3 Laundry service
10.4 Valet service (excludes hotel valet)
10.5 Movie rentals
10.6 Damage to personal items
10.7 Flowers/plants
10.8 Greeting cards
10.9 Fines and/or penalties
10.10 Entertainment, personal clothing, personal sundries and services
10.11 Transportation/mileage to places of entertainment or similar personal activities
10.12 Upgrades to airfare, hotel and/or car rental

10.13 Airport parking above the most affordable rate available
10.14 Excessive weight baggage fees or cost associated with more than two airline bags
10.15 Auto repairs
10.16 Babysitter fees, kennel costs, pet or house-sitting fees
10.17 Saunas, massages or exercise facilities
10.18 Credit card delinquency fees or service fees
10.19 Doctor bills, prescription and other medical services
10.20 Hand tools
10.21 Safety Equipment (hard hats, safety vests, etc.)
10.22 Office Supplies
10.23 Lifetime memberships to any association
10.24 Donations to other entities
10.25 Any items that could be construed as campaigning
10.26 Community outreach items exceeding $2 per item
10.27 Technology Fees
10.28 Sales tax on goods purchased
10.29 Any other expenses which Williamson County deems, in its sole discretion, to be inappropriate or unnecessary expenditures.

EXHIBIT F

CERTIFICATES OF INSURANCE

ATTACHED BEHIND THIS PAGE

EVALUATION - Anderson Mill Rd From FM734 to Loop 1
RFQ T1852
DATE: 02/03/2021 - 10AM

Evaluation Criteria	Maximum Score Points	American Structurepoint	Binkley & Barfield Inc.	CONSOR Engineers	Dannenbaum Engineering Co	Doucet & Associates	HDR Engineering Inc.	Huitt-Zollars, Inc.	Jones|Carter	LJA Engineering	Pape-Dawson
Is the firm registered with the Texas Board of Professional Engineers (TBPE) as an engineering firm in the State of Texas?	Pass/Fail	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Project Manager's Experience/Qualifications with similar projects	50	40	40	40	40	40	40	40	40	40	40
Individuals on Project Team's Experience/Qualifications providing roadway planning and/or design	50	40	30	35	40	30	45	35	35	40	35
Individuals on Project Team's Experience/Qualifications providing roadway drainage planning and/or design	50	40	40	35	40	40	40	40	40	40	40
Individuals on Project Team's Experience/Qualifications providing structures planning and/or design	50	40	40	40	40	40	40	40	40	40	40
Individuals on Project Team's Experience/Qualifications providing environmental documentation and clearance for roadway projects in Central Texas	50	40	40	35	40	35	40	40	40	40	40
Availability of Project Manager, task leads and relevant staff and their previous performance on Williamson County projects	50	40	20	40	20	5	40	20	20	10	10
Understanding of project	50	45	40	40	40	30	45	40	40	40	40
TOTAL	350	285	250	265	260	220	290	255	255	250	245

[redacted]



STATEMENT OF QUALIFICATIONS FOR PLANNING
ANDERSON MILL ROAD AND RM 620 EXTENSION

SUBMITTED OCTOBER 23, 2020

WILLIAMSON COUNTY
1848

AMERICAN STRUCTUREPOINT INC.

American Structurepoint confirms that our firm has at least one office registered with the Texas Board of Professional Engineers (TBPE) as an engineering firm in the state of Texas.

October 23, 2020

Williamson County Purchasing Department
Attn: RFQ T1852 , Planning for Anderson Mill Road and RM 620 Extension
100 Wilco Way, Suite P101
Georgetown, Texas 78626

Dear Selection Committee:

American Structurepoint is part of the Williamson County community, with resident employees and an office in Round Rock. We're pleased to offer our services to the County, bringing capacity to achieve project goals on your schedule, experienced local leadership, and a project team curated to match your project.

CAPACITY

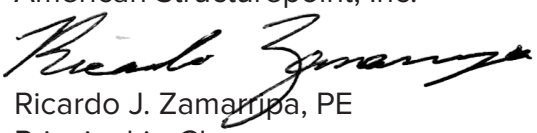
American Structurepoint's employees in Round Rock and Austin are all transportation-focused professionals, with work histories focused on Central Texas projects. These staff members will have increased availability (details shown in Section 8) in 2021, as their current assignments are nearing completion. Our local staff are backed by 500 specialized professionals from across our company to create comprehensive solutions for Williamson County.

EXPERIENCED LOCAL LEADERSHIP

While my talented colleagues in other locations are a valuable asset to our team, I believe that local leadership is a must for a successful project. It's important to have a project leader who is reaffirming his or her professional reputation in the community with each project completed. Our project manager, Sean Beal, and the major task leaders under his supervision are all locally based professionals. American Structurepoint commits that Sean will be the project manager for the duration of this contract. This includes commitment to each work authorization associated with the contract, without further delegation or substitution over the course of the contract.

We look forward to joining Williamson County to plan this enhancement to the local transportation system.

Sincerely,
American Structurepoint, Inc.



Ricardo J. Zamarripa, PE
Principal-in-Charge

PROPOSAL CONTACT
Ricardo Zamarripa, PE

3711 S. Mopac Expressway
Building One, Suite 350
Austin, Texas 78746

e rzamarripa@structurepoint.com
o 512.494.6037
c 512.750.5805

SECTION 2

LEADERS IN THEIR DISCIPLINES COLLABORATING FOR AN OPTIMIZED PROJECT PLAN

WILLIAMSON COUNTY 1848

PRINCIPAL-IN-CHARGE AND QUALITY MANAGER
Ricardo Zamarripa PE

PROJECT MANAGER
Sean Beal PE

SCHEMATIC DEVELOPMENT
- Fernando Gaytán PE *LEAD*
- Adam Pfeiffer PE *SUPPORT*
- Andy Dutton PE *SUPPORT*
- Nicole Debevoise PE *SUPPORT*

TRAFFIC STUDIES
- Hardik Shah PE, PTOE *LEAD*

DRAINAGE
- John Conquest PE, CFM *LEAD*
- Amy Bennett PE *SUPPORT*

STRUCTURES
- Tom Ashcraft PE *LEAD*
- Kelly Ho PE *SUPPORT*

GEOTECHNICAL
- Gabriel Ornelas, Jr. PE, PMP *LEAD*
- Yvonne Garcia Thomas PE *SUPPORT*

ENVIRONMENTAL
- Stacey Benningfield *LEAD*
- Melissa Cross *BIOLOGICAL SCIENCES*
- Darren Dodson *WATERS/PERMITTING*
- Tori Raines *HISTORIC*
- Leigh Raderschadt *SOCIOECONOMIC*
- Angela Gillmeister *NOISE/AIR*
- Chelsea Miller *HAZMAT*

COST ESTIMATING
- José M. Sandoval PE *LEAD*

SURVEY
- Dan Flaherty RPLS *LEAD*
- Margie Nolen RPLS *ROW SERVICES*

PLANNING
- Michael Sexton PE, AICP *LEAD*
- Eric Ratzman PE *SUPPORT*

AGENCY COORDINATION
- Will Conley

Resumes for all individuals shown on this organizational chart are provided in Appendix A of this proposal

American Structurepoint, Inc.
- 3711 South Mopac Expressway, Building One, Suite 350 Austin, Texas 78746
- 9025 River Road, Suite 200 Indianapolis, Indiana 46240

Additional staff
810 Hesters Crossing Road, Suite 105 Round Rock, Texas 78681

CP&Y, Inc.
- 1 Chisholm Trail, Suite 130 Round Rock, Texas 78681
- 13809 Research Boulevard Suite 300 Austin, Texas 78750
- 12500 San Pedro Avenue Suite 450 San Antonio, Texas 78216

Halff Associates, Inc.
- 9500 Amberglen Boulevard Building F, Suite 125 Austin, Texas 78729
- 100 NE Loop 410, Suite 200 San Antonio, Texas 78216

Raba Kistner, Inc.
- 8100 Cameron Boulevard Suite B-150 Austin, Texas 78754

SECTION 3

PM SEAN BEAL BRINGS UNMATCHED EXPERIENCE AND QUALIFICATIONS

SEAN'S QUALIFICATIONS

- 19 years of experience delivering innovative transportation infrastructure solutions to Central Texas
- Texas-licensed professional engineer pre-certified in multiple TxDOT transportation planning categories
- Experience on both the public agency owner and consultant sides of projects in Williamson County, and serving the Williamson County Road Bond Program as a GEC and consultant

SEAN'S EXPERIENCE

SH 45 45 SW, Travis County, Texas

Project Manager Sean managed the environmental study and final design of this environmentally sensitive project. To minimize impacts to trees, a tree survey was prepared, tree preservation areas were specified in the plans, and Sean developed detailed tree clearing requirements to address endangered species and improve public opinion of the project. The alignment of the road avoided known karst features, and Sean decided to use a common road bed to minimize impacts to both karst features and trees. Sean developed karst discovery protocols for initial ROW clearing, geotechnical investigation, drilled shafts, and general excavation. He worked with COA, TxDOT, and TCEQ to incorporate their input and obtain approval of the protocols. Sean led a series of consensus meetings with the design team, COA staff, TxDOT Austin District staff, TxDOT Environmental Division Staff, Travis County staff, and environmental stakeholders. He obtained consensus on environmental issues, including water quality, tree preservation, and roadway realignment for this contentious project. Sean prepared summary documents to keep Travis County commissioners, partner agencies, and stakeholders informed about the project. This project received a 2018 Brookfield Residential Environmental Champion Award by the Austin Chamber of Commerce for sustainability, innovation, and leadership in the transportation industry.

Kellam Road, Austin, Texas

Project Manager Sean managed the environmental clearance phase and final design of the Kellam Road project for the CTRMA and Travis County. He worked with County staff, consultant teams, project stakeholders, and partner agencies to deliver environmental approval and final plans in line with a very aggressive schedule. To compress the schedule, Sean conducted roadway design concurrent with the environmental phase. Weekly meetings with County staff and the roadway and environmental teams allowed the project to open to traffic ahead of schedule and below budget.

Williamson County Corridor E5 Study, Williamson County, Texas

Deputy Project Manager Sean is providing project updates and coordinating directly with the GEC and Commissioner Covey for this corridor study. He is managing internal and subconsultant staff; developed alignment alternatives; revised the alternatives per feedback from the GEC and Commissioner Covey; developed an alternatives evaluation matrix that is being used on other Williamson County Road Bond projects; and provided regular schedule and budget updates to the County.

SEAN DELIVERS

- Transportation planning documents that are ready for PS&E design, based on his extensive Central Texas corridor planning experience
- Efficient movement through the regulatory process, utilizing best practices from similar projects like the SH 455 SW, Kellam Road, and E5 Corridor Study projects

SECTION 4

AMERICAN STRUCTUREPOINT'S ROADWAY PLANNING AND DESIGN STAFF BRING CORRIDOR PLANNING EXPERIENCE IN CENTRAL TEXAS

OUR TEAM'S QUALIFICATIONS:

- Task leader Fernando Gaytán has more than 35 years of transportation design experience; he understands the long-term impacts of planning decisions
- Fernando worked on two different road bond programs as the GEC for Williamson County; he understands owner-side challenges
- Active projects with the County mean that we have an efficient communication plan in place for County staff, key stakeholders, and permitting agencies
- Central Texas residents will plan this project; we are creating a roadway that will work for our community

OUR TEAM'S EXPERIENCE

Williamson County Corridor E5 Study, Williamson County, Texas

With Fernando as schematic lead, Sean Beal serving as deputy project manager, and Adam Pfeiffer on the design team, American Structurepoint is providing engineering services and planning to develop Corridor E5 from IH 35 to FM 972. We are developing preliminary alignment alternatives for the E5 Corridor and conducting an alternatives analysis to identify the preferred alignment. We will revise the preferred alignment to address stakeholder input and environmental constraints, prepare hydrologic and hydraulic models, and prepare a schematic.

Williamson County Corridor I2 Study, Williamson County, Texas

Fernando and Adam are providing planning, environmental, and schematic engineering (SE) services to develop Corridor I2 from US 183 to SH 29. Our deliverables include project management, developing a QA/QC plan, and a preliminary route concept and preliminary costs for the arterial connecting to the I2 corridor and SH 29.

Road Bond Program 2000 and 2006, Williamson County, Texas

Fernando performed program administration, design management, construction management, public information, and document control for the $350 million 2000 Williamson County road bond program. For the 2006 program, he worked with the Williamson County bond task force for development of the project list for the November 2006 $228 million bond election.

Road Bond Program 2000, Williamson County, Texas

Project Manager Sean Beal worked on the 2000 Road Bond Program on the GEC side, as a roadway project manager.

OUR TEAM DELIVERS

- Corridor planning experience; we've proven our ability to successfully develop roadway plans that result in efficient designs
- Williamson County experience; we know the challenges that have occurred on previous projects and will implement the solutions proven to avoid and overcome them
- Regional experience; our work in Central Texas means that we can build on existing relationships with permitting agencies and key stakeholders to move the project forward in a timely manner

SECTION 5

AMERICAN STRUCTUREPOINT'S DRAINAGE FACILITY PLANNING AND DESIGN STAFF BRING BEST PRACTICES FROM LOCAL PROJECTS

OUR TEAM'S QUALIFICATIONS:

- Drainage task leaders John Conquest (Halff) and Amy Bennett (American Structurepoint) have successfully completed similar projects in the Edwards Aquifer Recharge Zone
- John and Amy have substantial experience planning drainage projects in Williamson County and Central Texas
- Best practices from successful projects led by our team members will help to alleviate potential issues with stream crossings along the corridor

OUR TEAM'S EXPERIENCE:

New Hope Road, Cedar Park, Texas

For this 1.21-mile-long boulevard section of New Hope Road, John's responsibilities included development of a Drainage Impact Report, design of water quality facilities, and permitting with TCEQ and the City of Cedar Park. He oversaw development and implementation of the drainage system, coordinated efforts with design staff, and provided technical guidance to TCEQ to allow a new technology to be used in the Edwards Aquifer. By using this new technology, John was able to save the City of Cedar Park over $1 million in ROW and construction cost.

CR 412 PS&E, Williamson County, Texas

This 3.4-mile-long 2-lane roadway had significant drainage improvements included in its reconstruction. John performed analysis of existing cross-drainage structures and designed proposed cross-drainage structures, runoff determination, set horizontal and vertical profiles, analyzed existing and proposed conditions for cross-drainage structures, and set up plan and profile sheets.

Williamson County Corridor E5 Study, Williamson County, Texas

American Structurepoint is providing engineering services and planning to develop Corridor E5 from IH 35 to FM 972 in Williamson County. As part of the process to develop preliminary alignment alternatives for the E5 Corridor, Amy is preparing hydrologic and hydraulic models in order to determine bridge lengths and culvert sizes at stream crossings.

CR 258, Williamson County, Texas

American Structurepoint is providing preliminary and final PS&E for a 0.5-mile extension including right- and left-turn lanes on US 183 into the new location of CR 258. Amy is leading hydrologic and hydraulic design for the project.

OUR TEAM DELIVERS

- Data-driven solutions created from specialized 2D and 3D modeling software
- Plans that provide safe and responsible drainage along this corridor without creating negative impacts elsewhere
- Context-sensitive solutions that are individualized to address the specific conditions of this corridor
- Innovative designs that create significant cost savings

SECTION 6

AMERICAN STRUCTUREPOINT'S STRUCTURES PLANNING AND DESIGN STAFF PROVIDE SPECIALIZED SOLUTIONS FOR LOCATION-SPECIFIC CHALLENGES

OUR TEAM'S QUALIFICATIONS:

- As structures lead, Tom Ashcraft (CP&Y) brings 30 years of experience for progressive bridge design and structural analysis while receiving structure support from Kelly Ho (CP&Y) who brings 14 years of experience delivering structural engineering, inspection, and load rating of existing structures in Texas
- Both Tom and Kelly are pre-certified in TxDOT bridge design; as are many supporting staff members from American Structurepoint, CP&Y, and Halff Associates
- Texas-licensed professional engineers with experience designing and analyzing prestressed concrete, reinforced concrete, and structural steel

OUR TEAM'S EXPERIENCE:

FM 1021 UPRR Overpass, TxDOT Laredo District, Texas

Bridge Project Manager Tom managed the layout, design, and aesthetic development of a seven-span bridge *over the Union Pacific Railroad (UPRR).* This bridge has a combination of Type IV prestressed concrete beam units and a simple span steel plate girder with inverted tee substructure elements. His responsibilities included oversight of the design of the bridge and two pedestrian structures which tie into the bridge as well as supervision of the structural sheets. During the project, meetings were held with TxDOT and city leaders to develop the theme to be used for aesthetic treatments on the bridge substructure as well as murals to be included on the retaining walls.

Travis County Old San Antonio Road At Onion Creek Bridge, Travis County, Texas

Project Manager Tom manages the bridge replacement project of an existing low water crossing on Old San Antonio Road at Onion Creek in Travis County. While completing the project, Tom manages the CP&Y design team performing the preliminary engineering and final PS&E plan development. His responsibilities include coordination and management of in-house design staff and seven subconsultants performing environmental and engineering support services. Tom regularly coordinates with the Travis County project manager concerning project issues and progress, and handles invoicing and other non-technical management aspects required on the project.

Marksheffel Road Bridge over Sand Creek, City of Colorado Springs, Colorado

Bridge Design Manager Tom was responsible for providing alternative analysis and preliminary design for six separate design alternatives with preliminary cost estimates to assist the City in selecting the best value design. This project included a three-sided arch structure spanning over Sand Creek, stream channel improvements with drop structures, and roadway design for approximately 150 LF of asphalt pavement bridge approaches, sidewalks, and Sand Creek trail. His responsibilities included managing the bridge design effort and reviewing bridge plans.

OUR TEAM DELIVERS

- Effective communication with all involved entities throughout the entire project to increase collaboration efforts
- High level of quality at every stage of the process while utilizing best practices from similar projects and experiences from location-specific issues
- Guaranteed review of all aesthetics and structural designs

SECTION 7

AMERICAN STRUCTUREPOINT'S ENVIRONMENTAL STAFF PROVIDE THOROUGH INFORMATION LEADING TO SUCCESSFUL CORRIDOR PLANNING

OUR TEAM'S QUALIFICATIONS:

- Our environmental lead, Stacey Benningfield (CP&Y), brings 38 years of transportation experience with 29 of those years specializing in environmental planning; she was a resident of Williamson County for over 40 years
- Stacey and the other team members are pre-certified in many TxDOT environmental planning categories
- The environmental team has years of local project experience in a variety of environmental sectors like biological sciences, waters, public involvement, permitting, historic surveying, archaeological, socioeconomic, noise, and hazardous materials

OUR TEAM'S EXPERIENCE:

Corridor F/US 183 Feasibility Study, Williamson County, Texas

This project is a pre-NEPA corridor preservation study. Upon completion, Williamson County will initiate at-risk right-of-way acquisition to preserve the effective, long-term use of the US 183 transportation corridor. Key components of the study include: environmental constraints mapping and field investigations; preparation of resource-specific environmental "due diligence" technical reports; identification, development and evaluation of route options; traffic modeling and analysis; schematic development; and public outreach. Stacey Benningfield is the environmental task lead; Melissa Cross is a biologist involved in the development of the related hazardous materials existing conditions report.

Central Texas Turnpike Program, Texas Turnpike Authority, Williamson and Travis Counties, Texas

Environmental Program Manager Stacey was responsible for all aspects of environmental planning, public involvement, agency coordination, and permitting for the four elements of the $3.5B CTTP: SH 130 (a 90-mile new location turnpike), 183A (new location turnpike); Loop 1 North Extension (new location tolled extension of MoPac); and SH 45 North (new location turnpike). In addition to achieving records of decision on each individual element of the program, Stacey also negotiated and secured an Individual Section 404 permit (and mitigation plan) for SH 130 and managed the Section 7 consultations for SH 45 North and 183A.

IH 35 at SH 29, Georgetown, Texas

Environmental Task Lead Stacey's duties included preparation of a Categorical Exclusion and Water Pollution Abatement Plan for the addition of a turnaround bridge on the IH 35 frontage road in Georgetown. She managed the preparation of the environmental documentation, conducted the QA/QC review, and coordinated with TxDOT on behalf of the project sponsor, Williamson County. While working with TxDOT and Williamson County, environmental clearance was successfully expedited allowing this project to become the first project funded under TxDOT's Pass Through Financing Program to advance to construction.

OUR TEAM DELIVERS

- Qualified experts who effectively collaborate on environmental planning tasks
- Variety of specialists, creating a one-stop shop for Williamson County
- Knowledge of best practices based on current training and vast experiences

SECTION 8

AMERICAN STRUCTUREPOINT'S TEAM MEMBERS WERE SELECTED FOR THEIR AVAILABILITY TO COMPLETE THIS PROJECT ON YOUR SCHEDULE

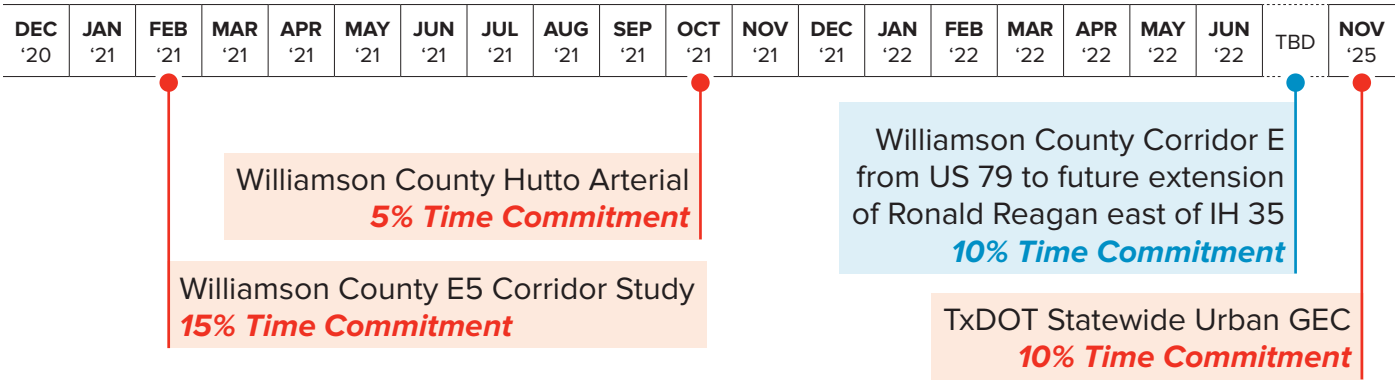
LEGEND

- Project Commitments
- Proposal Commitments

SEAN BEAL, PE PROJECT MANAGER

Total Commitments ***40%***
Available for Williamson County ***90% (includes current projects)***
Proposed Time Commitment for Planning of Anderson Mill Road and RM 620 Extension ***70%***

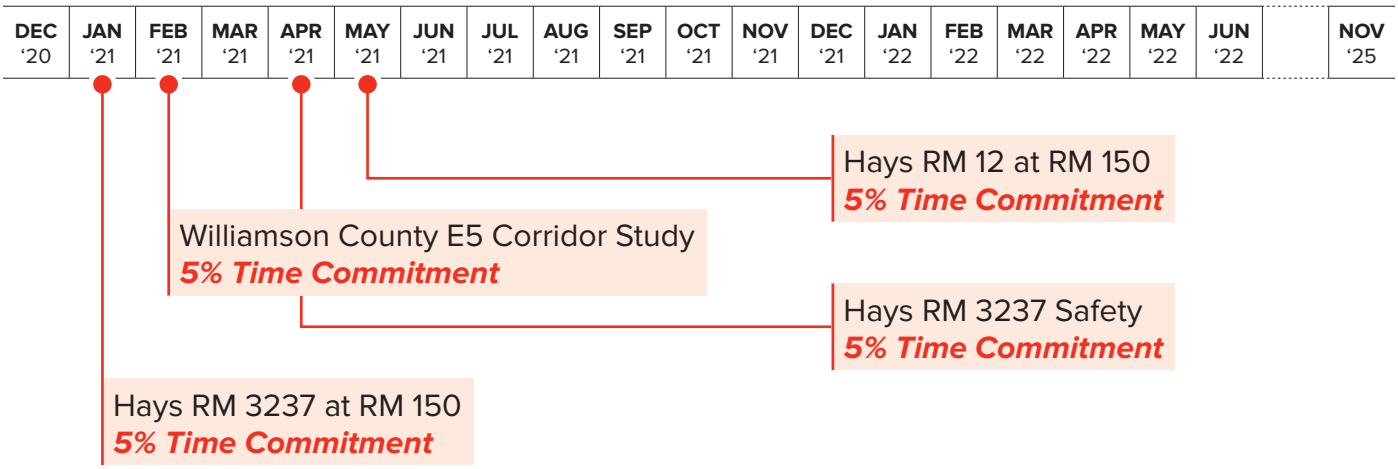
PROJECTED COMPLETION DATE



RICARDO ZAMARRIPA, PE PRINCIPAL-IN-CHARGE AND QUALITY MANAGER

Total Commitments ***65%***
Available for Williamson County ***35%***
Proposed Time Commitment for Planning of Anderson Mill Road and RM 620 Extension ***25%***

PROJECTED COMPLETION DATE



Office Management & Other Duties ***20% Time Commitment (Ongoing)***
Proposal Commitments ***10% Time Commitment***

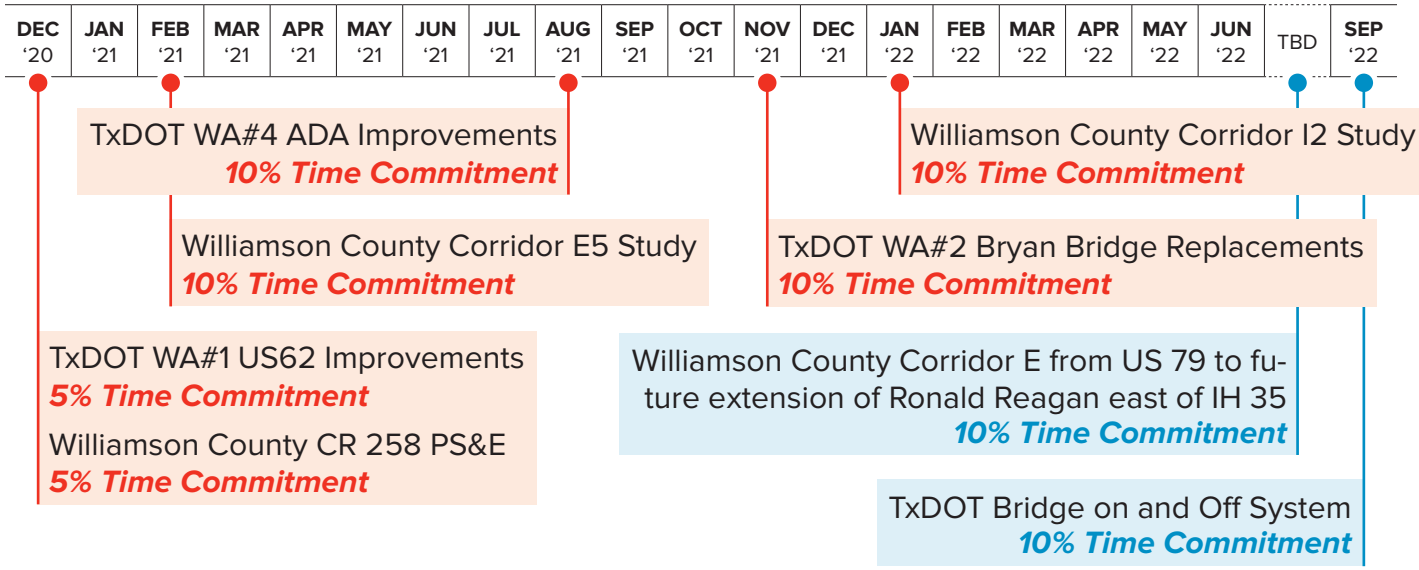
LEGEND

● Project Commitments ● Proposal Commitments

FERNANDO GAYTÁN, PE SCHEMATIC DEVELOPMENT LEAD

Total Commitments ***60%***
Available for Williamson County ***60% (includes current projects)***
Proposed Time Commitment for Planning of Anderson Mill Road and RM 620 Extension ***20%***

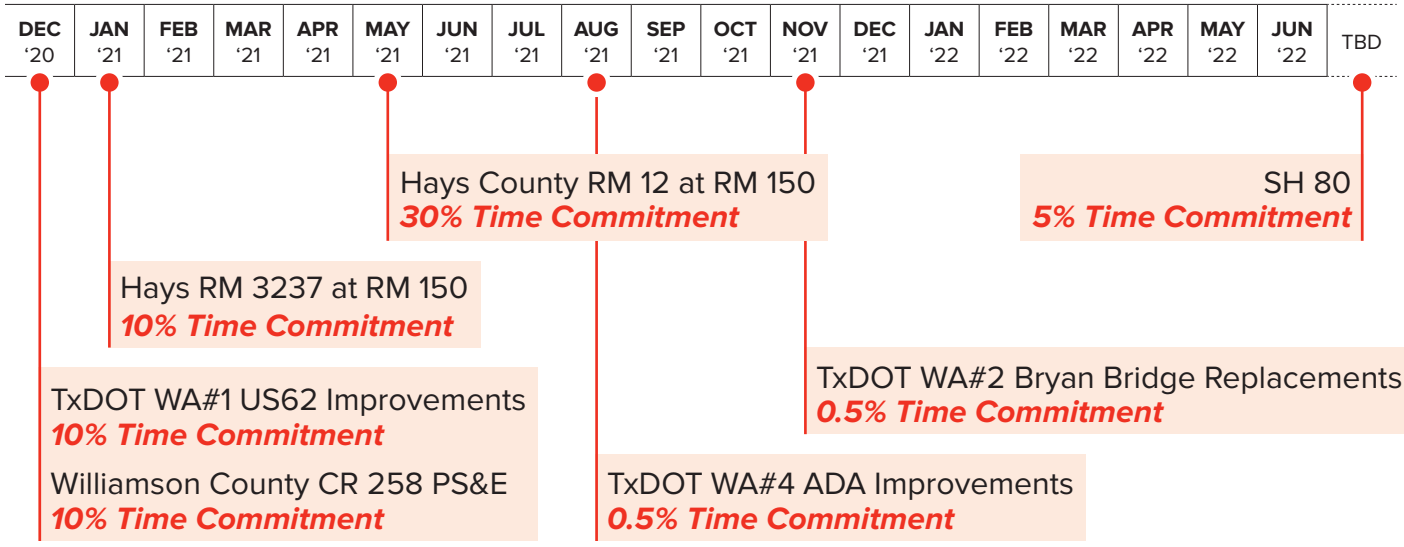
PROJECTED COMPLETION DATE



ADAM PFEIFFER, PE SCHEMATIC DEVELOPMENT SUPPORT

Total Commitments ***60%***
Available for Williamson County ***50% (includes current projects)***
Proposed Time Commitment for Planning of Anderson Mill Road and RM 620 Extension ***20%***

PROJECTED COMPLETION DATE



LEGEND

- Project Commitments
- Proposal Commitments

ANDY DUTTON, PE SCHEMATIC DEVELOPMENT SUPPORT

Total Commitments ***70%***
Available for Williamson County ***30%***
Proposed Time Commitment for Planning of Anderson Mill Road and RM 620 Extension ***10%***

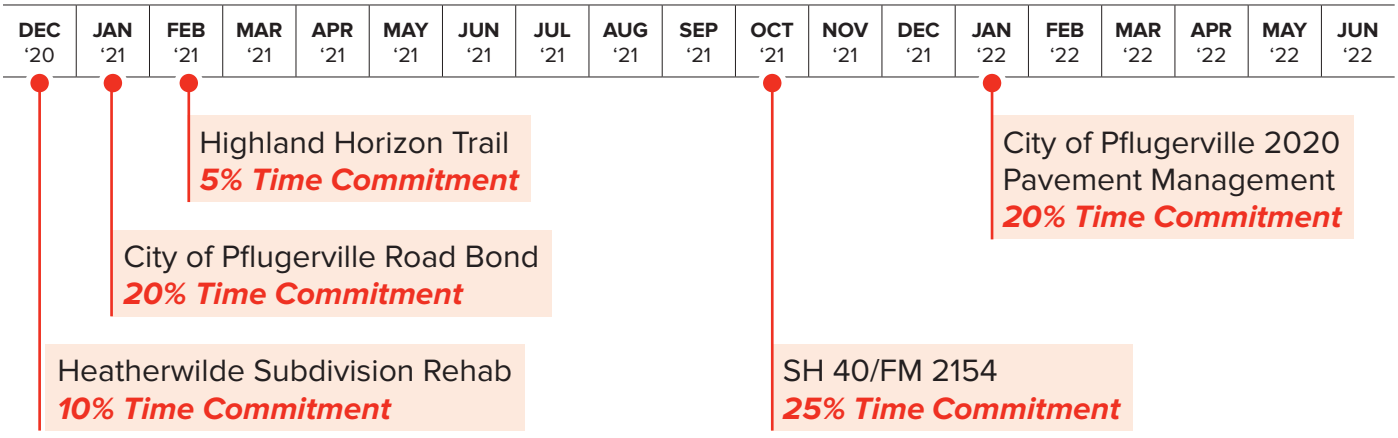
PROJECTED COMPLETION DATE



NICOLE DEBEVOISE, PE SCHEMATIC DEVELOPMENT SUPPORT

Total Commitments ***80%***
Available for Williamson County ***20%***
Proposed Time Commitment for Planning of Anderson Mill Road and RM 620 Extension ***10%***

PROJECTED COMPLETION DATE



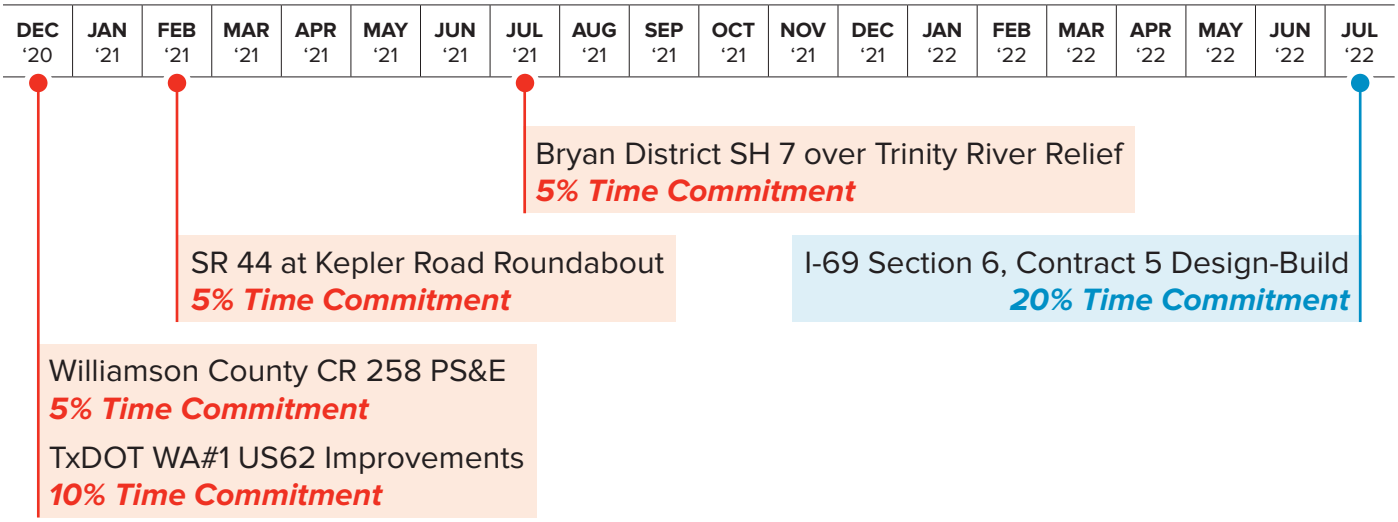
LEGEND

● Project Commitments ● Proposal Commitments

HARDIK SHAH, PE, PTOE TRAFFIC STUDIES LEAD

Total Commitments ***70%***
Available for Williamson County ***30%***
Proposed Time Commitment for Planning of Anderson Mill Road and RM 620 Extension ***10%***

PROJECTED COMPLETION DATE



Office Management ***25% Time Commitment (Ongoing)***

JOHN CONQUEST, PE, CFM DRAINAGE LEAD

Total Commitments ***75%***
Available for Williamson County ***25%***
Proposed Time Commitment for Planning of Anderson Mill Road and RM 620 Extension ***10%***

PROJECTED COMPLETION DATE



LEGEND

● Project Commitments ● Proposal Commitments

AMY BENNETT, PE DRAINAGE SUPPORT

Total Commitments ***55%***
Available for Williamson County ***45%***
Proposed Time Commitment for Planning of Anderson Mill Road and RM 620 Extension ***10%***

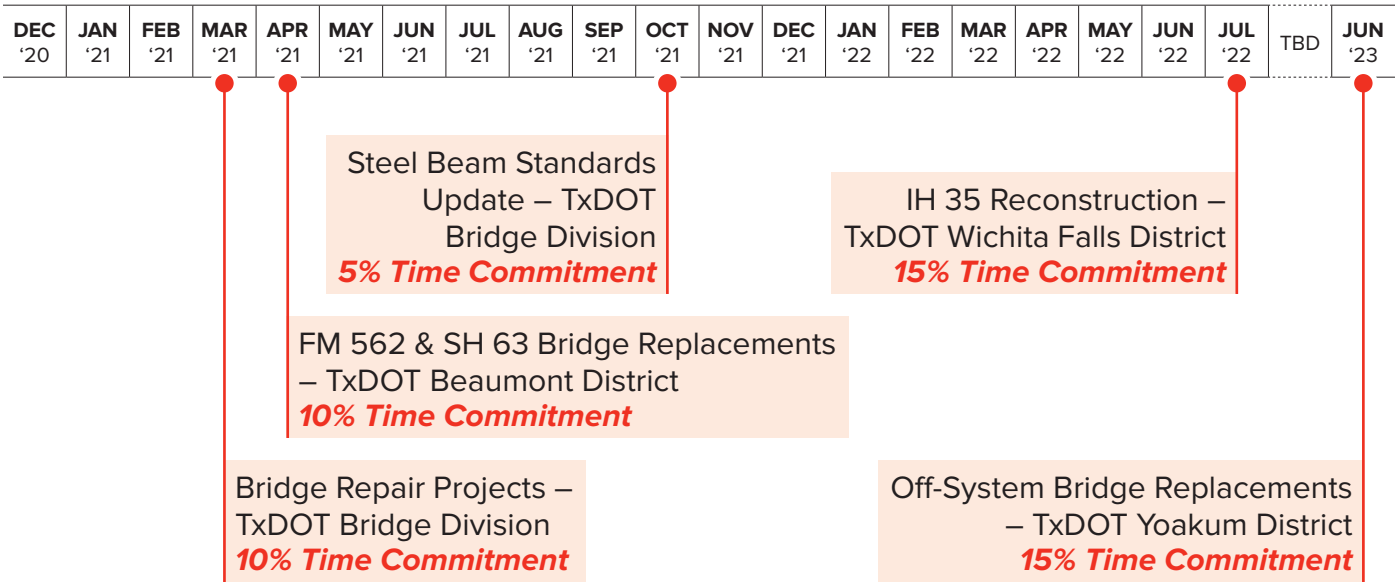
PROJECTED COMPLETION DATE



TOM ASHCRAFT, PE STRUCTURES LEAD

Total Commitments ***55%***
Available for Williamson County ***45%***
Proposed Time Commitment for Planning of Anderson Mill Road and RM 620 Extension ***5%***

PROJECTED COMPLETION DATE



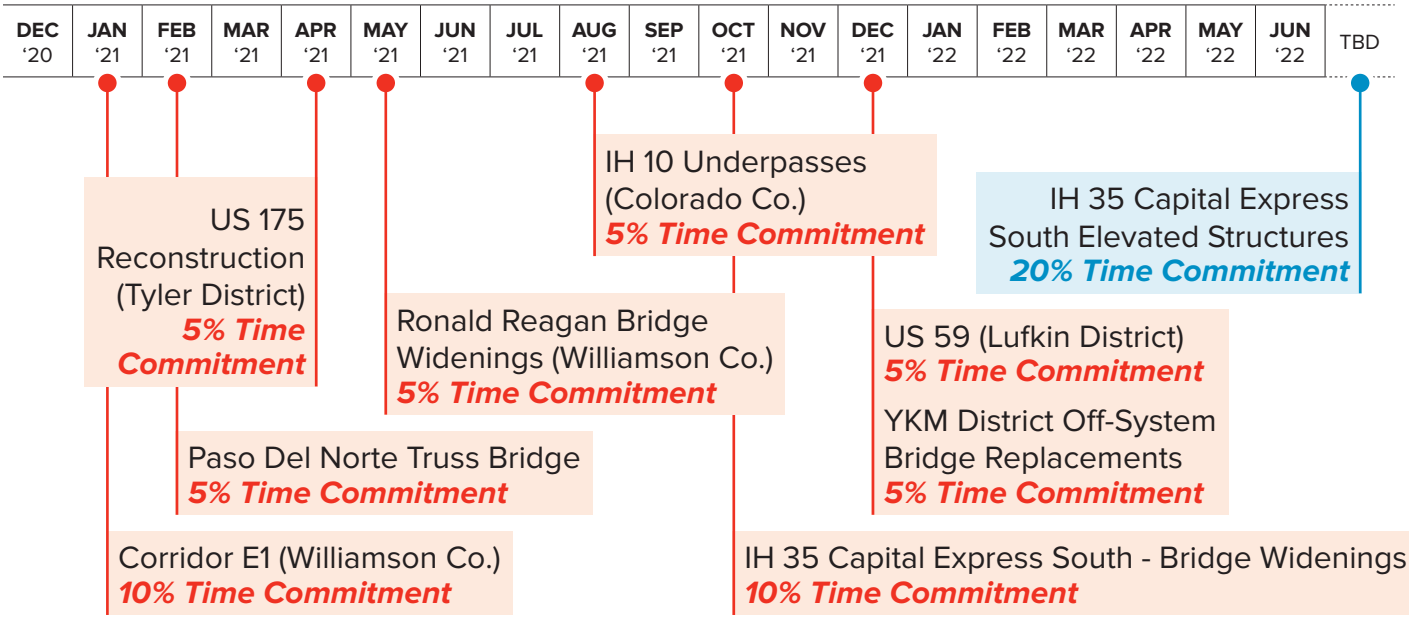
LEGEND

- Project Commitments
- Proposal Commitments

KELLY HO, PE STRUCTURES SUPPORT

Total Commitments ***80%***
Available for Williamson County ***20%***
Proposed Time Commitment for Planning of Anderson Mill Road and RM 620 Extension ***20%***

PROJECTED COMPLETION DATE



GABRIEL ORNELAS, JR., PE, PMP GEOTECHNICAL LEAD

Total Commitments ***45%***
Available for Williamson County ***45%***
Proposed Time Commitment for Planning of Anderson Mill Road and RM 620 Extension ***10%***

PROJECTED COMPLETION DATE



LEGEND

● Project Commitments ● Proposal Commitments

YVONNE GARCIA THOMAS, PE GEOTECHNICAL SUPPORT

Total Commitments ***45%***
Available for Williamson County ***45%***
Proposed Time Commitment for Planning of Anderson Mill Road and RM 620 Extension ***5%***

PROJECTED COMPLETION DATE

DEC '20	JAN '21	FEB '21	MAR '21	APR '21	MAY '21	JUN '21	JUL '21	AUG '21	SEP '21	OCT '21	NOV '21	DEC '21	JAN '22	FEB '22	MAR '22	APR '22	MAY '22	JUN '22	TBD

Hays CISD New High School No. 3
5% Time Commitment

City of Round Rock Logan Street
5% Time Commitment

Whisper Valley Phase 2 Cooling Tower
5% Time Commitment

Pflugerville ISD Transp. Center
10% Time Commitment

SZB Renovation
5% Time Commitment

Heritage Trail West
10% Time Commitment

North Keuhler Interceptor
5% Time Commitment

STACEY BENNINGFIELD ENVIRONMENTAL LEAD

Total Commitments ***55%***
Available for Williamson County ***45-65% (depending upon outcome of US 281 proposal)***
Proposed Time Commitment for Planning of Anderson Mill Road and RM 620 Extension ***45%***

PROJECTED COMPLETION DATE

DEC '20	JAN '21	FEB '21	MAR '21	APR '21	MAY '21	JUN '21	JUL '21	AUG '21	SEP '21	OCT '21	NOV '21	DEC '21	JAN '22	FEB '22	MAR '22	APR '22	MAY '22	JUN '22	TBD

Braker Lane North Extension
10% Time Commitment

Kenney Fort Blvd
15% Time Commitment

US 281 (Brownwood and Waco)
20% Time Commitment

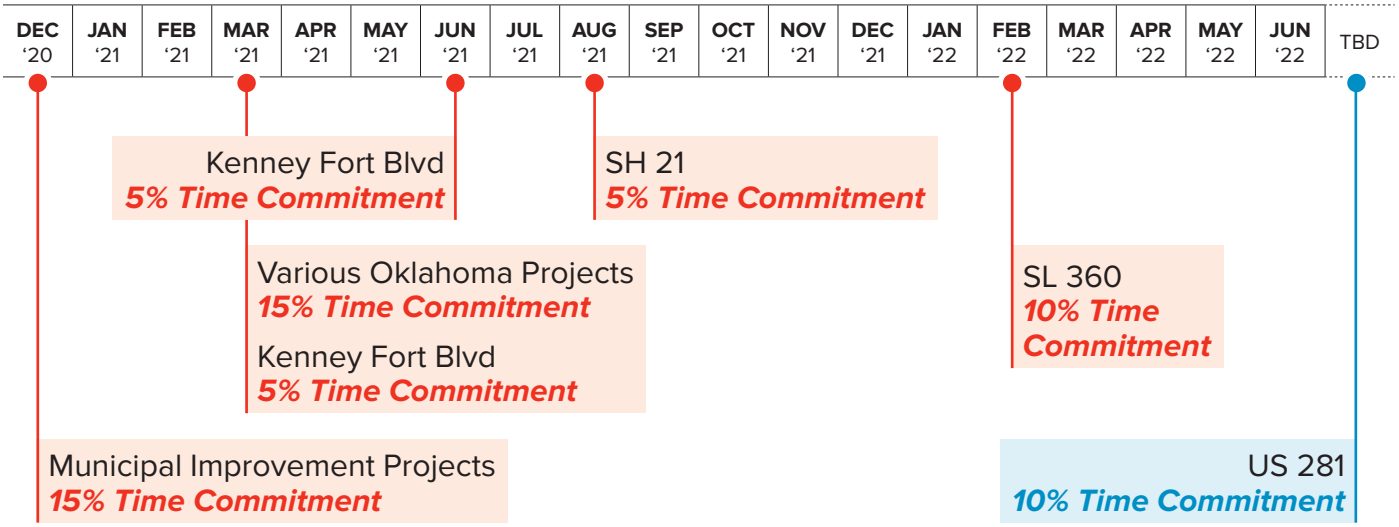
LEGEND

- Project Commitments
- Proposal Commitments

MELISSA CROSS BIOLOGICAL SCIENCES

Total Commitments ***70%***
Available for Williamson County ***30-40% (depending upon outcome of US 281 proposal)***
Proposed Time Commitment for Planning of Anderson Mill Road and RM 620 Extension ***30%***

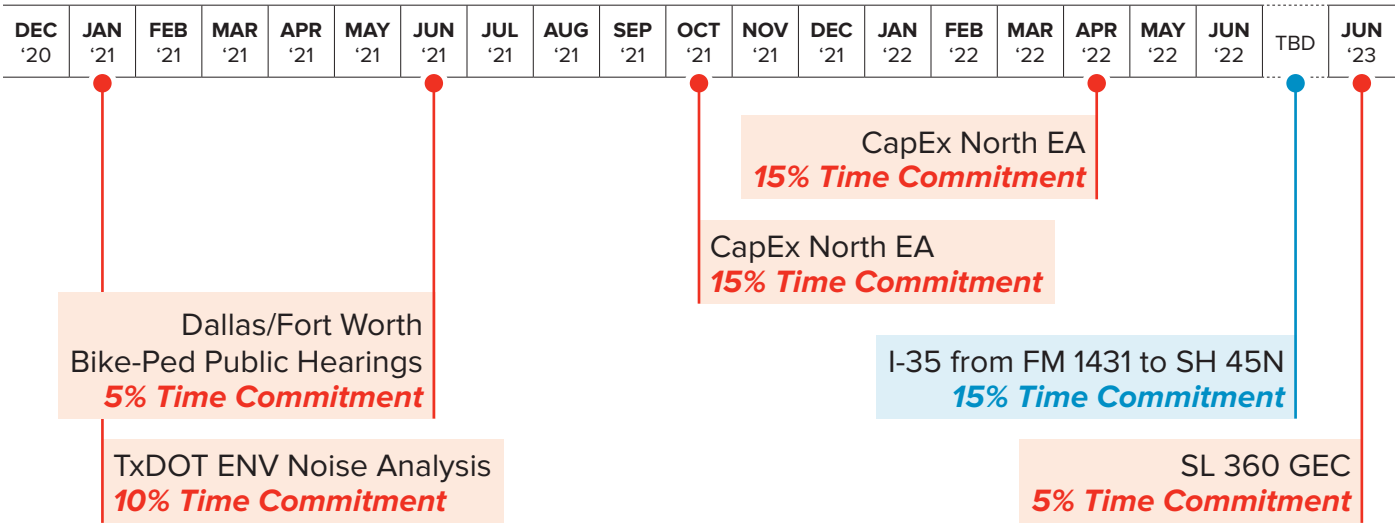
PROJECTED COMPLETION DATE



DARREN DODSON WATERS/PERMITTING

Total Commitments ***75%***
Available for Williamson County ***25%***
Proposed Time Commitment for Planning of Anderson Mill Road and RM 620 Extension ***5%***

PROJECTED COMPLETION DATE



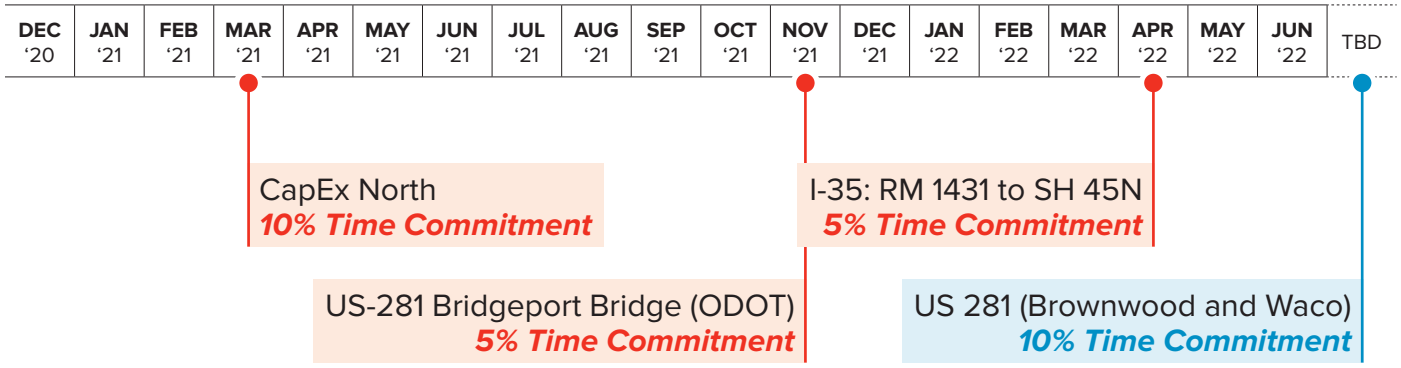
LEGEND

- Project Commitments
- Proposal Commitments

TORI RAINES HISTORIC

Total Commitments ***60%***
Available for Williamson County ***40%***
Proposed Time Commitment for Planning of Anderson Mill Road and RM 620 Extension ***20%***

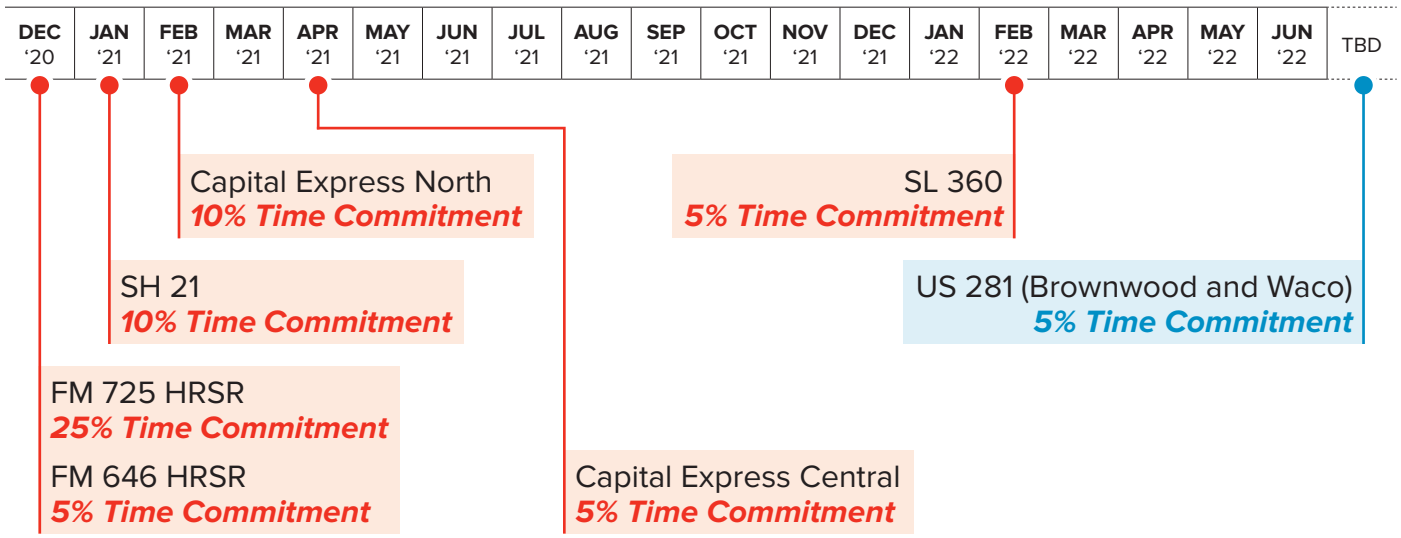
PROJECTED COMPLETION DATE



LEIGH RADERSCHADT SOCIOECONOMIC

Total Commitments ***70%***
Available for Williamson County ***30%***
Proposed Time Commitment for Planning of Anderson Mill Road and RM 620 Extension ***5%***

PROJECTED COMPLETION DATE



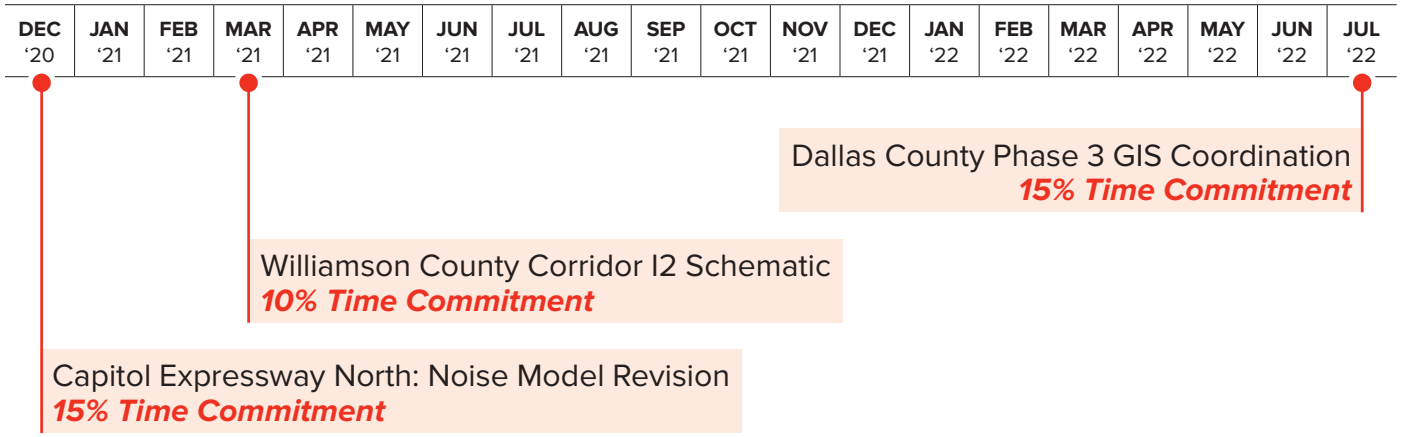
LEGEND

- Project Commitments
- Proposal Commitments

ANGELA GILLMEISTER GIS ANALYST

Total Commitments ***70%***
Available for Williamson County ***20-30%***
Proposed Time Commitment for Planning of Anderson Mill Road and RM 620 Extension ***25%***

PROJECTED COMPLETION DATE



CHELSEA MILLER BIOLOGIST

Total Commitments ***25%***
Available for Williamson County ***50%***
Proposed Time Commitment for Planning of Anderson Mill Road and RM 620 Extension ***50%***

PROJECTED COMPLETION DATE



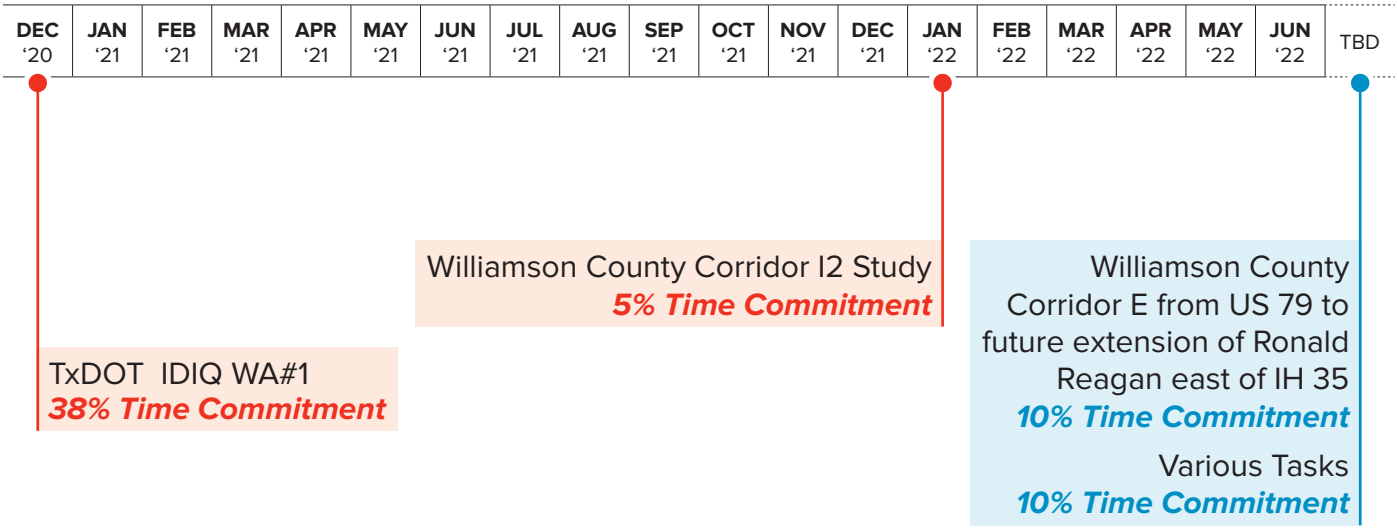
LEGEND

● Project Commitments ● Proposal Commitments

JOSÉ M. SANDOVAL, PE COST ESTIMATING LEAD

Total Commitments ***53%***
Available for Williamson County ***47%***
Proposed Time Commitment for Planning of Anderson Mill Road and RM 620 Extension ***20%***

PROJECTED COMPLETION DATE



DAN FLAHERTY, RPLS SURVEY LEAD

Total Commitments ***80%***
Available for Williamson County ***15%***
Proposed Time Commitment for Planning of Anderson Mill Road and RM 620 Extension ***15%***

PROJECTED COMPLETION DATE



LEGEND

- Project Commitments
- Proposal Commitments

MARGIE NOLEN, RPLS ROW SERVICES

Total Commitments ***80%***
Available for Williamson County ***20%***
Proposed Time Commitment for Planning of Anderson Mill Road and RM 620 Extension ***20%***

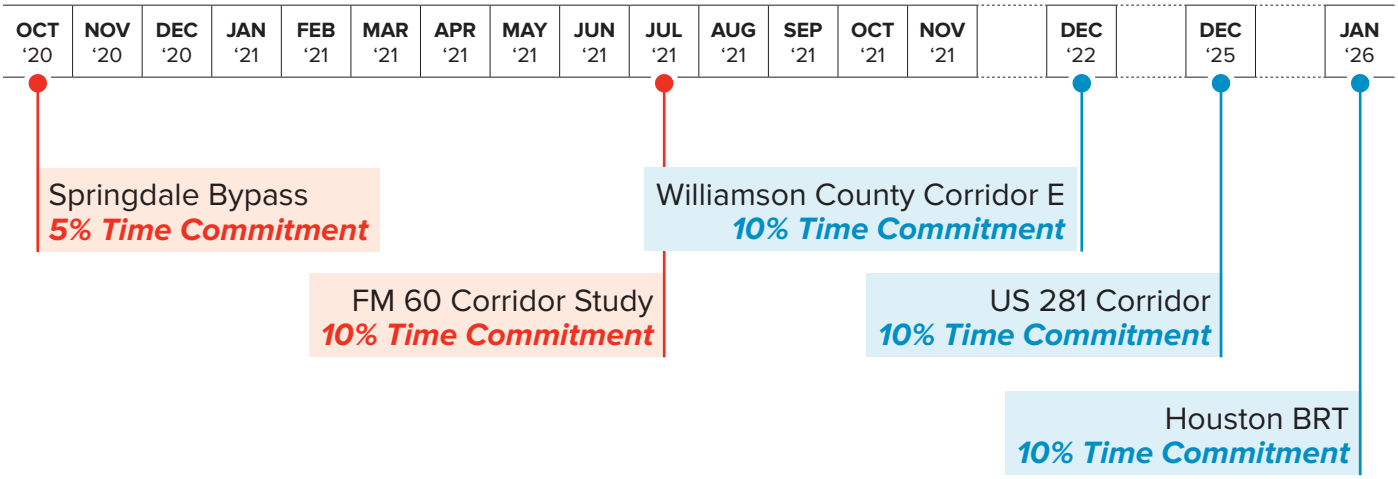
PROJECTED COMPLETION DATE



MICHAEL SEXTON, PE, AICP PLANNING LEAD

Total Commitments ***60%***
Available for Williamson County ***40%***
Proposed Time Commitment for Planning of Anderson Mill Road and RM 620 Extension ***10%***

PROJECTED COMPLETION DATE



LEGEND

● Project Commitments ● Proposal Commitments

ERIC RATZMAN, PE PLANNING SUPPORT

Total Commitments ***70%***
Available for Williamson County ***30%***
Proposed Time Commitment for Planning of Anderson Mill Road and RM 620 Extension ***10%***

PROJECTED COMPLETION DATE



WILL CONLEY AGENCY COORDINATION

Total Commitments ***30%***
Available for Williamson County ***70%***
Proposed Time Commitment for Planning of Anderson Mill Road and RM 620 Extension ***2%***

PROJECTED COMPLETION DATE

DEC '20	JAN '21	FEB '21	MAR '21	APR '21	MAY '21	JUN '21	JUL '21	AUG '21	SEP '21	OCT '21	NOV '21	DEC '21	JAN '22	FEB '22	MAR '22	APR '22	MAY '22	JUN '22	TBD

Other Duties ***30% Time Commitment (Ongoing)***

SECTION 9

A THOUGHTFUL APPROACH TO SUCCESSFULLY COMPLETE PROJECT ELEMENTS

Our team understands from the LRTP that the Anderson Mill and Howard Lane projects will increase safety, connectivity, mobility, and emergency services response and make the western portion of the County significantly more accessible and attractive for new development.

Similar to our approach on the Corridor E5 study, we will work closely with the County to develop a Purpose & Need. Several alternatives will be evaluated, including a No-Build Alternative. Using the conceptual route set by the County, we will establish a wide study area to evaluate all environmental constraints and refine the alignments. We will assess the pros and cons of connecting Howard Lane to either Pearson Ranch or RM 620 and make a recommendation to the County. Evaluation criteria will be set up in a decision matrix, similar to the Corridor E5 Study, to score and prioritize each alternative.

SCHEMATIC DESIGN AND COST ESTIMATES The majority of the alignment is on new location, which will allow us to determine the ROW footprint during the alternative development phase, but we will look at ways to optimize earthwork and intersection design when tying to existing roadways and determine alignments that avoid existing quarry areas. We will provide accurate cost estimates to validate the County's budget. Our QA/QC process uses discipline-specific reviews to verify that our quantities and rates are accurate.

PUBLIC INVOLVEMENT We will work with the County's GEC and assigned PI firm to support meetings with affected property owners and stakeholders, and consideration will be given to incorporating their comments into design.

ENVIRONMENTAL DOCUMENTS Constraints for this corridor include several possible WOTUS crossings, habitat for golden-cheeked warbler and mussel species, karst caves, geological assessments, and water quality requirements for the Edwards Aquifer Recharge Zone. Salamander habitats, parks, and cemeteries are not anticipated.

TREE PRESERVATION Our team will use proven strategies from the Oak Hill Parkway and SH 45 SW projects to efficiently prepare a tree survey, coordinate with stakeholders, and minimize impacts to heritage trees.

SURVEY & ROW CP&Y will ascertain ROE needs and follow the County's lead on accessing the parcels, recommend use of aerial LIDAR with supplemental ground survey for obscured areas, and will prepare legal descriptions for ROW acquisition.

DRAINAGE There are four FEMA Zone AE crossings: Davis Springs Branch of Lake Creek, Lake Creek and Rattan Creek. We will collect FEMA data, perform hydrologic & hydraulic analysis using Atlas 14 intensities, consider future land use, and propose a cost-effective design to mitigate impacts to surrounding properties.

UTILITY PROTECTION & RELOCATION We have determined that there are minimal utilities on the project. We will evaluate alignment options to have the least impact to utilities.

CMTA AND UPRR CROSSINGS, AND TXDOT COORDINATION We have experience with CMTA and UPRR rail coordination and crossings throughout the team and will develop alternatives that minimize impacts to the railroad. We recommend early coordination with both CMTA and UPRR which was critical to avoiding delay on the MoPac Improvement Project. Coordination with TxDOT will be important for connections at SH45 and MoPac. Our team has extensive experience working with TxDOT. We will follow the County's lead in coordination with these important stakeholders.

GEOTECHNICAL CONSIDERATIONS The project lies in the Edwards limestone formation with limestone at shallow elevations. Karst features and expansive clays are likely to be encountered and will be avoided or mitigated. Our team has experience mitigating these issues in foundation design and roadway pavement design.

APPENDIX A



19 YEARS OF EXPERIENCE

Education

Bachelor of Science, Architectural Engineering, University of Texas, 2002

License and Certifications

Professional Engineer, Texas, #97451
TxDOT Precertification Sequence #28941
TxDOT Precertification Categories: 1.8.1, 2.14.1, 3.2.1, 4.2.1, 4.4.1, 7.1.1, 8.1.1, 9.1.1

Sean brings 19 years of experience in delivering innovative solutions for transportation infrastructure needs throughout Texas, including five years managing all aspects of project development for the Central Texas Regional Mobility Authority. Sean specializes in schematic and environmental document preparation for complex projects , and he excels at obtaining environmental approval for controversial roadway projects in Central Texas. His ability to work with regulatory agencies and key stakeholders to address water quality requirements, karst features, endangered species, and heritage trees led to approval of the US 183 North Mobility Study, SH 45 SW, and the Kellam Road Projects.

SEAN BEAL

PROJECT MANAGER

RELEVANT PROJECTS

Williamson County Corridor E5 Study, Williamson County, Texas

Role: Deputy Project Manager

Project Description: American Structurepoint is providing engineering services and planning to develop Corridor E5 from IH 35 to FM 972. Our engineers will develop preliminary alignment alternatives for the E5 Corridor, conduct an alternatives analysis to identify the preferred alignment, revise the preferred alignment to address stakeholder input and environmental constraints, prepare hydrologic and hydraulic models, and then prepare a schematic that will include direct connectors at IH 35 and a fully directional interchange at the intersection with the Ronald Reagan Extension.

Activities Performed: Provided project updates and coordinated directly with the GEC and Commissioner Covey; managed internal and subconsultant staff; developed alignment alternatives; revised the alternatives per feedback from the GEC and Commissioner Covey; developed an alternatives evaluation matrix for screening alternatives; provided regular schedule and budget updates to County

Project Relevance: Williamson County Project (owner); road bond financed; new location facility; alternatives analysis; schematic and ready to move into PS&E stage; compliance with TxDOT standards; ROW determination; project managed by American Structurepoint; familiarity with both GEC and County coordination and standards

183 North Mobility Project, Austin, Texas

Role: Project Manager

Project Description: The US 183 North Mobility Project, in a highly urbanized corridor with tight ROW, included improvements to US 183 and a connection from the US 183 North Express lanes to the existing MoPac Express lanes.

Activities Performed: Sean led all aspects of the environmental clearance for the project and worked with the Capital Area Metropolitan Planning Organization (CAMPO) to program adequate funding for the study. Sean also worked with project partners such as Williamson County, TxDOT, FHWA, and US Fish and Wildlife Service to facilitate review and approvals throughout the process. He communicated the project's status and schedule to stakeholders

BEAL (CONT.)

including the Williamson County commissioners, judges, and department directors. Sean convened a site visit with different bicycle and pedestrian advocacy groups (including the Bicycle Advisory Council and Mobility Austin), City of Austin, TxDOT, and the roadway design team. This group toured the project site together and reviewed crash history data, identified areas with high pedestrian traffic and no sidewalk accommodations, and identified obstructions that would affect sight distance and present a safety issue. Sean's effort identified solutions in the field and avoided a series of costly and time-consuming project meetings. This also served as a team building exercise for groups that have historically opposed each other.

Sean was the speaker for the project at the public hearing and prepared the summary and analysis for the study. A Finding of no Significant Impact was issued on April 26, 2016.

Project Relevance: Corridor planning in an environmentally and politically sensitive area, meetings with public and property owners, evaluation of alternatives, access planning, coordination with local, state, and federal agencies, Williamson County Project (location), environmental protection of karst features, Edwards Aquifer Recharge Zone

Central Texas Turnpike Project (CTTP), Austin, Texas
Role: Design Project Manager

Project Description: Projects included Mobility Improvement Projects at Loop 1 and Parmer Lane, SH 45 Collector-Distributor Roads at Parmer Lane, IH 35 at Hester's Crossing Improvements; and US 183 Improvements.

Activities Performed: Sean was responsible for coordinating the design and implementation of several multi-million dollar design-build change orders as the General Engineering Consultant Contract (GEC) for Texas Department of Transportation (TxDOT) on the Project. Sean provided design support services for construction of the nine sections comprising the CTTP corridor. He managed and coordinated the design needs of the project with project design consultants and the GEC design team. Sean's primary responsibilities included working with design consultants, TxDOT, and the GEC design team to develop a set of change order construction plans. Additional duties included providing scheduling assistance for construction and cost estimates associated with the change order construction plans. A contractor requested revised TCP for the Hester's Crossing Bridge crossing shortly after construction began. Sean was tasked with developing three phases of complex TCP in three months (typically a nine-month process). Sean established an aggressive schedule with buy-in from TxDOT and CEI consultant reviewers and held weekly meetings with TxDOT to get timely decisions. These efforts avoided construction delay and met project milestones.

Project Relevance: Williamson County Project (location); Edwards Aquifer Recharge Zone; bridges and culvert crossings; compliance with TxDOT standards; new location facility; intersection improvements

MoPac Improvement Project, Central Texas Regional Mobility Authority, Austin, Texas
Role: Project Manager

Activities Performed: Sean managed the Environmental Clearance phase of the project. He worked closely with consultant teams, project stakeholders, and partner agencies in order to deliver approval of the Environmental Assessment in line with a very aggressive schedule. Partnered with reviewing agencies to get timely review of contract documents, which positioned the project to receive construction funding when it became available. Sean prepared the Summary and Analysis for the project.

BEAL (CONT.)

Environmental Approval and the Finding of No Significant Impact was issued on schedule in August of 2012. During the Mopac Improvement Design-Build Procurement, Sean facilitated workshops between short listed proposers, UPRR and Capital Metro, providing an effective and timely way for TxDOT to communicate consistent information for this schedule-critical project. Sean recommended that CapMetro upgrade their cross-arm assembly independent of the project. This solution reduced project costs for the cross-arm assembly replacement, eliminated additional ROW costs, and most importantly allowed the project to stay on schedule.

Project Relevance: Coordination with stakeholders on tree preservation, coordination with CAMPO policies, coordination with local, state, and federal agencies, environmental assessment for transportation improvements, utility coordination, railroad coordination (UPRR and CMTA)

Wells Branch Parkway, Travis County, Texas
Role: Roadway Design Lead

Project Description: The roadway extension project called for an interim 2-lane section and ultimately a 6-lane section.

Activities Performed: Sean used the Travis County Design Criteria Manual and the TxDOT Roadway Design Manual to design a 6-lane divided extension of Wells Branch Parkway in Travis County, Texas. Sean coordinated with a developer adjacent to the project and the City of Pflugerville to establish tie-down points at the project limits. He designed the horizontal and vertical alignments for the roadway, generated existing and proposed grade profiles, and calculated earthwork quantities. Sean verified that horizontal clear distance requirements were met, designed signing and striping for the project, and developed a traffic control plan that utilized daily lane closures at the project limits. He generated construction plans and estimates for both phases of the project. The design allowed for a phased implementation of infrastructure from a sidewalk and 2 lanes initially, to the final build-out of 6 lanes and sidewalks on both sides of the roadway. Sean coordinated with the drainage design team to verify culvert capacity during all phases. He also identified utility accommodations for the initial phase that would not be in conflict for the final build-out.

Project Relevance: Central Texas project; County project; interim construction of a future wider corridor; new location facility; phased design of interim 2-lanes of future 4-lane facility; intersection improvements; storm water management

183A South Brushy Creek Pedestrian Bridge, Williamson County, Texas
Role: Project Manager

Project Description: The 183A South Brushy Creek Pedestrian Bridge project provided a connection between the US 183A shared use paths and the 7-mile long Williamson County Regional Trail. The project included a 10-foot-wide pedestrian bridge crossing of Brushy Creek, aesthetic treatments, a trailhead with vehicle parking, and exercise stations. Sean managed TxDOT funds to construct the US 183A South Brushy Creek Pedestrian Bridge, and coordinated with Williamson County to avoid any adverse impacts to the Williamson County Regional Trail network.

Activities Performed: Sean proactively identified several new accessibility standards that would have to be included in the project after the plans had been let for construction. He revised plans during the preliminary stages of construction and prevented a delay to the project schedule. Sean also managed all aspects of construction for the project and coordinated extensively with the Williamson

BEAL (CONT.)

County Parks Department to ensure there were no adverse impacts to their regional trail network. He worked closely with the contractor to ensure the project was open to traffic as scheduled and found amicable solutions to conflicts that led to a successful delivery of the project.

Project Relevance: Williamson County project location; stakeholder coordination; compliance with TxDOT standards; coordination with CAMPO policies; coordination with state and local agencies

Williamson County 2000 Road Bond Program, Williamson County, Texas
Role: Roadway Project Manager

Project Description: This project included GEC oversight of Williamson County's road bond program. Key tasks included review of preliminary schematics and final plans to verify they conformed to the applicable criteria.

Activities Performed: Sean served as the roadway project manager for the general engineering consultant contract team for the $350 million 2000 Williamson County road bond program. He reviewed roadway project schematics, design construction plans, specifications, and estimates to ensure they adhered to applicable criteria and presented cost-effective solutions to Williamson County's transportation needs. Sean used the Williamson County Design Criteria Manual to review design plans and estimates. He checked horizontal and vertical alignments, superelevation rates and transitions, signing and striping layouts, and traffic control plans. He also reviewed hydrologic and hydraulic calculations and verified drainage structure capacities. Sean ensured the accuracy of right-of-way (ROW) strip maps for ROW acquisition, generated detailed comment response matrices, and coordinated with consultants to resolve design conflicts.

Project Relevance: Williamson County project (owner); road bond financed; Edwards Aquifer Contributing zone; familiarity with both GEC and County coordination standards

Kellam Road, Austin, Texas
Role: Project Manager

Project Description: This collaborative project between Travis County and the Central Texas Regional Mobility Authority (CTRMA) is located in Southeastern Travis County. The project included the construction of a new 1.9-mile rural, 3-lane arterial (5-lane ultimate section) arterial corridor between Pearce Lane and State Highway 71.

Activities Performed: Sean managed the environmental clearance phase and final design of the new location for the Kellam Road project for the CTRMA and Travis County. Roadway design was conducted for the project concurrent with the environmental phase. To avoid any lost work, Sean facilitated weekly meetings with Travis County staff, the roadway design team, and the environmental team. Because of this coordination, the project obtained environmental clearance and was open to traffic ahead of schedule and below budget.

Project Relevance: Coordination with CAMPO, local agencies, and state agencies; corridor planning in an environmentally and politically sensitive area; county project; interim construction of future wider corridor; suburban location; TCEQ coordination; TxDOT coordination



21 YEARS OF EXPERIENCE

Education

MBA, Business Management, St. Edwards University, 2005

Bachelor of Science, Civil Engineering, Texas A&M University, 1999

License and Certifications

Professional Engineer, Texas, #92818

TxDOT Precertification Sequence #13021

TxDOT Precertification Categories: 1.2.1, 1.3.1, 1.4.1, 1.6.1, 3.2.1, 4.2.1, 4.4.1, 8.1.1, 8.2.1, 9.1.1, 10.1.1, 10.2.1, 11.1.1

Ricardo has 21 years of experience in transportation engineering and project management including schematic design, roadway design, traffic control, illumination, hydrology and hydraulics, and construction phase services. He is experienced in the design of rural and urban roadways.

RICARDO ZAMARRIPA, PE

PRINCIPAL-IN-CHARGE

RELEVANT PROJECTS

Williamson County Corridor E5 Study, Williamson County, Texas

Role: Principal-in-Charge

Project Description: American Structurepoint is providing engineering services and planning to develop Corridor E5 from IH 35 to FM 972, also known as the Ronald Reagan Extension, in Williamson County, Texas. Our engineers will develop preliminary alignment alternatives for the E5 Corridor, conduct an alternatives analysis to identify the preferred alignment, revise the preferred alignment to address stakeholder input and environmental constraints, prepare hydrologic and hydraulic models, and then prepare a schematic that will include direct connectors at IH 35 and a fully directional interchange at the intersection with the Ronald Reagan Extension.

Activities Performed: Allocated staff and resources

Project Relevance: Williamson County Project (owner); road bond financed; new location facility; alternatives analysis; schematic and ready to move into PS&E stage; compliance with TxDOT standards; ROW determination; project managed by American Structurepoint; familiarity with both GEC and County coordination and standards

Williamson County CR 258 Extension (US 183 to Sunset Ridge) Williamson County, Texas

Role: Principal

Project Description: Preliminary and final PS&E plans for a 0.5-mile extension including right- and left-turn lanes on US 183 into the new location of CR 258; services include roadway design, hydrologic and hydraulic design, survey and right-of-way mapping

Activities Performed: Allocated staff and resources; GEC coordination

Project Relevance: Williamson County project; road bond financed; roadway extension

City of Georgetown Northwest Boulevard, Georgetown, Texas

Role: Principal, Project Manager

ZAMARRIPA (CONT.)

Project Description: Alignment study, schematic, and PS&E design for the extension of NW Boulevard over IH 35 and upgrading the existing 2-lane roadway to a 4-lane roadway. The project includes the work from Austin Avenue to Washam Drive. Project required significant coordination for new location bridge over IH 35.

Activities Performed: Led production team; alternative analysis; and TxDOT coordination

Project Relevance: Roadway extension; ROW determination; schematic; located in Williamson County; TxDOT coordination

Hays County FM 1626 Segment A, Hays County, Texas
Role: Principal-in-Charge; Project Manager

Project Description: Schematic and PS&E design of 3.2-mile widening and reconstruction on existing alignment for Hays County under Pass-Through Finance Agreement with TxDOT. The limits for this project were between FM 2770 and RM 967 in Hays County, Texas. This project required following LGPP guidelines and coordination with Hays County GEC, the County, TxDOT, and adjacent projects. Project included both urban and rural proposed segments, utility coordination, TCEQ coordination for Edwards Aquifer recharge and transition zone, ROW acquisition, MAPO meetings, drainage, bridge structures, and retaining walls.

Activities Performed: Managed production team; attended ROW acquisition meetings with land-owners; prepared general sheets; performed quality control of drawings/calculations; led TxDOT coordination

Project Relevance: Schematic; county project; ROW determination; TxDOT coordination

FM 1626 Improvements, Travis County, Texas
Role: Principal-in-Charge; QA/QC Manager

Project Description: Environmental documents, schematic, and PS&E design for the reconstruction and widening of FM 1626 from 1,100 feet west of Brodie Lane to FM 2304. The project was funded through a pass-through finance agreement between Travis County and TxDOT.

Activities Performed: Coordinated with public works director; participated in public involvement; performed quality control on schematic; and managed quality assurance process.

Project Relevance: Environmental documents; ROW determination and acquisition; schematic; county project; TxDOT coordination

US 271 Relief Route Pass Through Toll Project, Pate Transportation Partners/TxDOT Atlanta District, Titus County, Texas
Role: Roadway Task Leader

Project Description: PS&E development of a 6.1-mile new location controlled access facility. Prepared plans for the mainlanes, frontage roads, ramps, cross streets, grading, and roadway details. Substantial coordination effort with Union Pacific RR, geotechnical engineers, and environmental study was required for the project to comply with FHWA Criteria and Regulations. Prepared the PS&E from 30% design to 90% plans in just over three months. This project required multi-agency coordination with Titus County, TxDOT, UPRR, and FHWA.

ZAMARRIPA (CONT.)

Activities Performed: Roadway geometry for five new location grade separations; one new location railroad grade separation; frontage roads and ramps; retaining wall design; grading; roadway details

Project Relevance: New location facility

290 E from US 183 to SH 130, CTRMA, Austin, Texas
Role: Assistant Project Manager and Roadway Task Leader

Project Description: Design plan development converting 3.2 miles of roadway from a 4-lane divided facility to a 6-lane limited access tollway facility with frontage roads and ramps. Project includes five interchanges and three FEMA crossings. Responsibilities included project management, schematic optimization and development of construction plans involving roadway geometrics, retaining walls, pedestrian ramps, and sidewalk and shared-use path design. Coordinated signal design with City of Austin and TxDOT. Coordinated utility relocation and design including a dedicated utility corridor within the TxDOT ROW. During schematic optimization phase, reduced construction cost by $2.5 million dollars. The project was successfully completed under budget and within accelerated schedule through extensive coordination and project oversight.

Activities Performed: Led the production team and subconsultants; schematic optimization; designed roadway geometrics to grade separate three intersections; grading; shared-use path; retaining walls; and ADA compliance

Project Relevance: Schematic optimization; TxDOT Coordination

Cypress Creek Boulevard Realignment, Round Rock, Texas
Role: Principal and Project Manager

Project Description: PS&E phase of $1.65 million, 0.25-mile realignment project to eliminate offset intersection at Eagles Nest and Sunrise Road. The proposed roadway is new location median divided 4-lane section with 100 feet of ROW. The project included demolition of existing road, new roadway design, drainage analysis/design, Edwards Aquifer Contributing Zone Plan, and traffic signal design. It required extensive coordination with developer of adjacent tracts.

Activities Performed: Project management; developer coordination; illumination design; general sheets including typical sections

Project Relevance: New location; located in Williamson County; Edwards Aquifer Contributing Zone

Travis County Gilbert Road Extension, Travis County, Texas
Role: Roadway Task Leader and QA/QC

Project Description: Plans for 1-mile stretch of Gilbert Road to extend existing Gilbert Road from FM 969 to the Austin's Colony subdivision. The project is a new location roadway that included a route study, schematic, PS&E, and construction phase services. The design includes a roadway comprising two 12-foot lanes, 4-foot shoulders, curb and gutter, and 5-foot ADA-compliant sidewalks, as well as four water quality ponds, a signal warrant, and signal design. The project has a large public involvement component as the Austin's Colony has been experiencing heavy traffic congestion.

Activities Performed: Roadway & ADA design; QA/QC remaining disciplines of project

Project Relevance: New location extension; county project

ZAMARRIPA (CONT.)

RM 3237 Safety Project, Wimberley, Texas
Role: Project Principal

Project Description: The project is a PS&E for a cumulative 2-mile "notch and widen" project from 2-lane rural to add shoulders and turn lanes at four intersections. It included environmental document, culvert extensions, culvert replacement, FEMA coordination, coordination with property owners, TxDOT coordination, utility coordination, TCEQ coordination and intersection improvements. The project followed LGPP guidelines. The project was within the Edwards Aquifer Recharge Zone and the Contributing Zone.

Activities Performed: Ricardo was responsible for client coordination, stakeholder meetings, managing team, and budget & schedule management.

Project Relevance: Central Texas project; compliance with TxDOT standards; corridor improvement project; county project; intersection improvements; local soils

TxDOT FM1920 PS&E, Amarillo District, Texas
Role: Project Principal

Project Description: American Structurepoint prepared engineering plans, specifications and estimates (PS&E), and related documents for safety Improvements of a 16.5-mile long, 2-lane road in Hemphill and Lipscomb counties. The project limits are from RM3260 to US 60 in the TxDOT Amarillo District. Design efforts included widening two 11-foot lanes to 12-foot lanes, shoulder widening, safety treatment of slopes, designing 68 driveway reconstructions, 46 cross culvert extensions, adding safety end treatments, and a bridge widening over Sand Creek in Lipscomb County. Our engineers managed the project, and subconsultants prepared roadway and bridge design, hydrologic and hydraulic design, driveway design, and grading at intersections. The project was delivered on an accelerated schedule of 10 months.

Activities Performed: Allocated staff and resources

Project Relevance: Access planning, compliance with TxDOT standards, drainage design, hydraulic modeling, intersection improvements, transportation improvement project



36 YEARS OF EXPERIENCE

FERNANDO GAYTÁN, PE

SCHEMATIC LEAD

Education

Bachelor of Science, Civil Engineering, University of Texas at Austin, 1984

License and Certifications

Professional Engineer, Texas, #92244
TxDOT Precertification Sequence #14240
TxDOT Precertification Categories: 3.2.1, 4.2.1, 4.4.1, 7.1.1, 9.1.1, 10.1.1, 10.2.1, 11.1.1

Fernando is a senior project director with 36 years of experience in civil engineering. He specializes in transportation planning, design, and construction. His areas of expertise are roadway planning and design, drainage design, and traffic control plans. Experienced in various methods of project delivery and financing, from traditional design/bid/build and design/build projects to pass-through financing. He is a client liaison and supervisor for other professional engineers. He also reviews professional service agreements, manages quality control, and is responsible for the review of design, construction plans, cost estimates, specification, and engineering reports.

RELEVANT PROJECTS

Williamson County Corridor E5 Study, Williamson County, Texas
Role: Schematic Lead

Project Description: American Structurepoint is providing engineering services and planning to develop Corridor E5 from IH 35 to FM 972, also known as the Ronald Reagan Extension, in Williamson County, Texas. Our engineers will develop preliminary alignment alternatives for the E5 Corridor, conduct an alternatives analysis to identify the preferred alignment, revise the preferred alignment to address stakeholder input and environmental constraints, prepare hydrologic and hydraulic models, and then prepare a schematic that will include direct connectors at IH 35 and a fully directional interchange at the intersection with the Ronald Reagan Extension.

Activities Performed: Responsible for leading the technical direction of the schematic layout, coordinating the preliminary drainage design, leading the conceptual cost estimating effort.

Project Relevance: Schematic, Wilco Road Bond Project, new location corridor study, conceptual cost estimating, public and property owners meetings, row determination and optimization.

Williamson County Corridor I2 Study, Williamson County, Texas
Role: Project Management

Project Description: American Structurepoint, as a subconsultant to K Friese and Associates (KFA), is providing planning, environmental, and schematic engineering (SE) services to develop Corridor I2 from US 183 to SH 29 in Williamson and Burnet counties, Texas. Our deliverables include project management, developing a QA/QC plan, and a preliminary route concept and preliminary costs for the arterial connecting to the I2 corridor and SH29. We also are to assist in refining the recommended route option and assist KFA in preparing a Corridor I2 Route Study Report. We also are responsible for schematic development and preparing the preliminary and final schematic submittal and preparing preliminary hydrologic and hydraulic review for approximately one-third of the recommended alternative. The completed route study will identify opportunities to

GAYTÁN (CONT.)

enhance safety and mobility to accommodate current traffic and anticipated growth. The proposed expressway is a controlled-access facility with two 2-lane mainlines, two 3-lane frontage roads with curb and guttering, a new storm sewer system, and two shared-used paths. The major arterial is a non-controlled access facility with a 6-lane divided median with curb and guttering, a storm sewer system, and two shared-use paths.

Activities Performed: Managed internal staff; provided regular schedule and budget updates to Prime consultant.

Project Relevance: Corridor study of a Wilco Road Bond project, Project is on new location.

Williamson County CR 258 Extension (US 183 to Sunset Ridge), Williamson County, Texas
Role: Project Management

Project Description: Preliminary and final PS&E plans for a 0.5-mile extension to connect to US 183; services include roadway design, hydrologic and hydraulic design, survey and right-of-way mapping

Activities Performed: Managed internal and subconsultant staff; provided regular schedule and budget updates to County

Project Relevance: Created schematic, Williamson County project; road bond financed; roadway extension on new location.

Road Bond Program 2000 and 2006, Williamson County, Texas
Role: Project Manager at the GEC office

Project Description: 2000 Program – Involved in program administration, design management, construction management, public information, and document control for the $350 million road bond program. 2006 Program – Worked with Williamson County bond task force for development of project list for November 2006 $228 million bond election.

Activities Performed: 2000 Program – Served as general public contact regarding the Road Bond Program; attended and presented public meetings; managed construction contract execution and administration; provided utility coordination oversight, QA/QC, and management of construction services staff. Reviewed RFIs, change orders, and contractors' pay estimates. Coordinated with TxDOT and prepared work authorizations and project budgets. 2006 Program – Prioritized projects, provided estimating, and coordinated with local entities; provided oversight and supervision of consultants and presentation of weekly updates to county commissioners; attended project meetings as needed; managed the design plan review effort; provided client coordination regarding project status, schedules, and contract issues.

Project Relevance: Familiarity with both GEC and County coordination and standards; ROW acquisition determination and coordination; meetings with public and property owners; coordination with UPRR on several US 79 projects

TxDOT SH 130 TTA Segments 1-4, Interim and Ultimate Schematic Optimization, Environmental Reevaluation and PS&E, Williamson and Travis Counties, Texas
Role: Lead roadway engineer for Segment 4

Project Description: Design of Segment 4, which extends 9.43 miles from south of the Colorado River to US 183 and consists of road, rail, and utility corridor for a 4-lane controlled-access toll road

GAYTÁN (CONT.)

with ramps, toll plazas, frontage roads, and eight diamond interchanges.

Activities Performed: Directed the engineering evaluation and planning services for the optimization of the interim schematic and ultimate schematic for Segment 4. Coordinated with the environmental consultant to provide information for use in the reevaluation of the environmental document. Avoided multimillion dollar utility relocations of high-pressure fuel and gas lines by revising the profile and protecting lines in place. Fernando's big-picture approach to the schematic optimizations to the ROW and ditches, as well as profile changes, allowed for savings in retaining walls, earthwork, and ROW while ensuring positive drainage. Supervised design team and had responsible charge of the roadway portion of the plans, determination of ROW needs, design speed, clear zone, and ADA compliance as well as all aspects of geometry and coordination with other disciplines involved in the project. Responsible charge of Sections 1, 5, 14, and 15H. Developed alternative designs and cost estimates for value engineering and RCPs. Responded to RFIs and field change redesigns. Presented roadway testimony at the ROW condemnation special commissioner's hearing.

Project Relevance: Created Interim and Ultimate schematics, Williamson County project; local soils; ROW determination/optimization; new location

Ronald Reagan Boulevard North Phase IV Planning, Environmental, and PS&E, Williamson County, Texas
Role: Project Manager

Project Description: Schematic and final design services for a new 6-mile, 4-lane divided section from SH 195 to IH 35. The design included three bridges, nine major cross culverts, and numerous driveway culverts. Coordination with Williamson County was necessary to develop an alignment that was cost-effective while minimizing environmental impact to the area. The design incorporated an interim 2-lane section. Ensured the design accommodated the proposed improvements to cross streets, including a future SH 195 realignment and overpass. The scope included environmental studies, alignment optimization, earthwork determination and balance, design for future expansion to 4 lanes, permitting, and development of a water pollution abatement plan to meet the Edward's aquifer regulations. The roadway is designed to meet Williamson County and TxDOT design standards.

Activities Performed: Set the profile grade line to optimize the earthwork along the route, layout of pavement marking and signing plans along existing SH 195 for the tie in and development of left turns into Ronald Reagan, including relocation of a commercial private driveway, drainage plans, and widening. Fernando designed plan and specified roadside protection for the columns of the new SH 195 overpass over Ronald Reagan. Fernando designed several revisions to driveways during construction, updated the WPAP, and coordinated with TCEQ to obtain a revised permit for the project.

Project Relevance: Williamson County project; road bond financed; new location; interim construction of future wider corridor

Travis County Jesse Bohls Bridge Replacement, Planning, Environmental, and PS&E, Travis County, Texas
Role: Project Manager; Lead Designer

Project Description: PS&E for realignment of 0.25 miles of Jesse Bohls Road in Travis County, including replacement of a bridge over Wilbarger Creek and the design of three culvert replacements.

GAYTÁN (CONT.)

The alternative analysis determined the footprint of the ultimate 4-lane divided arterial within the 114 feet of ROW. The planning of the route involved using context-sensitive methods during the public meetings. Fernando was instrumental in finding a drainage solution to a property owner's concern about drainage along a flat area along the edge of his property. Once the roadway alignment was determined, location of the replacement structure was finalized. Construction cost approximately $3.5 million.

Activities Performed: Led QA/QC of the HEC-RAS modeling for Wilbarger Creek and adjustments to the model's drainage area; design of three culverts crossing the new alignment of Jesse Bohls; ditch design along Jesse Bohls – which was located in a very flat terrain and required careful placement of ditch and cross culverts; revisions to the profile grade line in Geopak and MicroStation; producing general notes, specifications and estimates, including producing the bid documents to be included in the County's bid package.

Project Relevance: Road project on new location; phased design of interim 2-lanes of future 4-lane facility; project for a neighboring county

Arterial A, Planning, Environmental, and PS&E, Travis County, Texas
Role: Project Manager

Project Description: Design of a proposed 4-lane divided major arterial between Parmer Lane and US 290 in northeast Travis County. The limits of the study are from FM 734 (Parmer Lane) to US 290 East. The primary objective of Arterial A was to provide much-needed north-south connectivity in northeast Travis County for the increasing development being planned in the area. The project's goal was to utilize context-sensitive solution (CSS) principles to develop safe transportation designs in harmony with community, aesthetic, historic, and environmental values for expedited approval of the project. The team developed alternatives analysis, context-sensitive solutions, final schematic and 60% plans, specifications, and estimates. Services included horizontal and vertical controls, hydraulic analysis, traffic control plans, signing and striping, traffic signals, environmental documentation, geotechnical reports, survey, right-of-way strip maps, utility coordination, bid phase services, and coordination with Travis County, City of Austin, Central Texas Regional Mobility Authority, TxDOT, CapMetro, and City of Pflugerville officials.

Activities Performed: Project management; QA/QC of 30% and 60% plans; coordination with City of Pflugerville personnel to relocate existing waterline

Project Relevance: Cap Metro, City of Austin Coordination, New location; alternative analysis and schematic and was ready to move to PS&E stage, 60% PS&E Plans.



7 YEARS OF EXPERIENCE

ADAM PFEIFFER, PE

SCHEMATIC DEVELOPMENT SUPPORT

Education

Bachelor of Science, Civil Engineering, University of Nebraska at Lincoln, 2013

License and Certifications

Professional Engineer, Texas, #132899
TxDOT Precertification Sequence #29417
Local Government Project Procedures Qualified

Adam is a project engineer with expertise in design, production, estimates, quality control, team organizational work, and 3D modeling. His focus is in transportation schematic-environmental and PS&E projects including: interstate and highway reconstruction, interchange reconstruction, intersection, roundabout design, and safety improvement projects. Adam assists with client management, budget and schedule management and design team coordination. He has technical experience in geometric design, traffic control, erosion control, signing and pavement markings, hydraulics and drainage design.

RELEVANT PROJECTS

Williamson County Corridor E5 Study, Williamson County, Texas
Role: Schematic Lead

Project Description: American Structurepoint is providing engineering services and planning to develop Corridor E5 from IH 35 to FM 972, also known as the Ronald Reagan Extension, in Williamson County, Texas. Our engineers will develop preliminary alignment alternatives for the E5 Corridor, conduct an alternatives analysis to identify the preferred alignment, revise the preferred alignment to address stakeholder input and environmental constraints, prepare hydrologic and hydraulic models, and then prepare a schematic that will include direct connectors at IH 35 and a fully directional interchange at the intersection with the Ronald Reagan Extension.

Activities Performed: Develop schematic exhibits showing alignment alternatives to be presented to the County and used for public meetings; coordinate with the County to accommodate property owners and community needs

Project Relevance: Alternative analysis and schematic

Williamson County Corridor A-1 Study, Williamson County, Texas
Role: Project Engineer

Project Description: As part of the County's long-range transportation plan, Corridor A-1 was identified to be an east/west connector between SH 130 and FM 3349 to address rapid growth and immediate transportation needs

Activities Performed: Develop schematic exhibits showing alignment alternatives to be presented to the County and used for public meetings; coordinate with the County to accommodate property owners and community needs

Project Relevance: Corridor planning in an environmentally and politically sensitive area

CR 258 Extension, Williamson County, Texas
Role: Deputy Project Manager

Project Description: Preliminary and final PS&E plans for a 0.5-mile extension; services include roadway design, hydrologic and hydraulic design, survey and right-of-way mapping

PFEIFFER (CONT.)

Activities Performed: Roadway and traffic control design leader for the development of the SE and PS&E

Project Relevance: County project; road bond project; Williamson County project (owner)

RM 3237 and RM 150 Intersection, Hays County, Texas
Role: Deputy Project Manager

Project Description: The RM 3237 and RM 150 intersection was converted from a 3-leg intersection to a modern high-speed roundabout providing safety and higher capacity in anticipation of surrounding development and increased traffic.

Activities Performed: Roadway and traffic control design leader for the development of the SE and PS&E

Project Relevance: Intersection improvements, Edwards Aquifer Recharge Zone

Brushy Creek Road Turn Lanes Project, Cedar Park, Texas
Role: Project Engineer

Project Description: Safety improvement project

Activities Performed: Analyzed the turn-lane geometry using Bentley OpenRoads and performed the signing and striping design for five intersection locations along Brushy Creek Road

Project Relevance: Located in Williamson County; transportation improvement project

19th Street, Lubbock, Texas
Role: Deputy Project Manager and Roadway Design Task Lead

Project Description: This TxDOT assignment improved an existing roadway in an urbanized area.

Activities Performed: Improving sidewalks, curb ramps, and driveways to be ADA compliant; coordination with traffic and drainage discipline leads to avoid conflicts with the proposed improvements; responsible for preparing quantities and a cost estimate

Project Relevance: Transportation improvement project

Capital Metro Downtown Station Improvements, Austin, Texas
Role: Project Engineer

Project Description: Improved approximately four blocks of downtown Austin, approximately 1,400 lft, and a 70-foot-wide pavement section with pavement, earthwork, drainage, curb and gutter, water and wastewater facilities, a traffic signal, and the Lance Armstrong Bikeway trail

Activities Performed: Designed the signing and pavement markings, roadway plan and profile, and the Lance Armstrong Bikeway alignment; designed the grading plan for the plaza adjacent to the track platform and verified ADA compliance; reviewed as-built plans, GIS data, contours, design survey, and Google Earth to evaluate the limits of the storm sewer system and delineate drainage areas based on as-built records, GIS data, and Google Earth; calculated time of concentration and determined peak flows using the rational area method based on the City of Austin Drainage Criteria Manual; coordinated with utility designs (water, wastewater, and telecom) and the storm drain designer for a larger system, as well as coordinated with the adjacent project, the Sabine Street Promenade

PFEIFFER (CONT.)

Project Relevance: Central Texas project; transportation improvement project

RM 3237 Safety Improvements, Hays County, Texas
Role: Project Engineer

Project Description: Roadway safety improvements along a 3.59-mile segment between RM 12 and RM 150; includes intersection improvements (addition of right- and left-turn lanes as well as shoulders) at River Mountain Drive, St. Stephens Church and School, and Rolling Oaks Drive; intersection of RM 3237 and RM 150 will be converted from a one-way, stop-controlled intersection to a modern single-lane roundabout

Activities Performed: Roadway design services

Project Relevance: Central Texas project; transportation improvement project

CR 1101 Bryan District Bridge Replacement, Bryan County, Texas
Role: Deputy Project Manager; Roadway Designer

Project Description: Proposed roadway and 95-foot bridge were realigned due to ROW issues

Activities Performed: Responsible for the roadway design, grading plans, and project coordination efforts; designed a gabion retaining wall to avoid the acquisition of additional ROW

Project Relevance: Transportation improvement project-



11 YEARS OF EXPERIENCE

Education

Bachelor of Science, Civil Engineering, University of Texas at Austin, 2009

License and Certifications

Professional Engineer, Texas, #117255

Andy has experience in the design of transportation projects and floodplain mapping. His experience includes engineering the development of plans and specifications for civil projects involving paving design, storm drainage design, American for Disabilities Act (ADA) compliant sidewalk, erosion control, traffic control, and signing and striping.

ANDY DUTTON, PE

SCHEMATIC DEVELOPMENT

RELEVANT PROJECTS

Edmond and Mills Street Roadway and Drainage Improvements: Phases 2 and 3, Taylor, Texas

Role: Project Manager

Project Description: PS&E for the reconstruction of approximately 1,600 lf of Edmond Street, Cecelia Street, and Mills Street from 7th Street to McLain Street, along with storm sewer and water line improvements. This project is part of a PER developed by Halff for the Edmond and Mills corridor. The existing conditions consist of a large roadside ditch which frequently overflows and poses a hazard to drivers. The proposed storm sewer design begins to capture storm runoff at the intersection of Mills Street and McLain Street, and conveys it via enclosed storm drain system to tie into the previously completed storm system for Edmond Street Phase 1 project at the north side of Edmond St. and 6th Street.

Activities Performed: Managing survey, SUE, environmental, and geotechnical subconsultant efforts as well as drainage design and roadway design

Project Relevance: Drainage design; transportation improvement project; Williamson County project (location)

Pflugerville 2019 Transportation Bond Projects, Pflugerville, Texas

Role: Design Engineer

Project Description: The project consists of design of three roadways as part of the 2019 Pflugerville Bond Program. These three roadways are Picadilly Drive (Central Commerce to IH 35 frontage road – 3098 lf), Royston Lane (Grand Avenue Parkway to Central Commerce – 3115 lf) and Central Commerce (City limits to Picadilly Drive – 2113 lf). The scope of services includes plan and profile of the roadways, pedestrian improvements, environmental analyses, preliminary geotechnical analyses, H&H analyses, offsite and roadway storm conveyance analyses, topographical survey, and SUE. A previous phase of this project included a preliminary schematic design and BUILD application process for federal funding via TxDOT.

Activities Performed: Preliminary sizing of storm sewer systems, roadway widening feasibility, and determining potential ROW needs; assisted the City in preparation of a federal

DUTTON (CONT.)

BUILD application to secure additional funding for the project; application assistance included transportation time-saving calculations, conceptual exhibits, graphics, and application write-up verbiage

Project Relevance: Central Texas project; coordination with federal agencies; drainage design; infrastructure planning; transportation planning; TxDOT coordination

Harold Green Road Extension, Travis County, Texas
Role: Design Engineer

Project Description: 1-mile long extension of Harold Green Road from SH 130 to Austin's Colony Boulevard; three-quarters of this new alignment was through property with a planned development; designed and evaluated four different alignment options, developed a matrix that weighed crucial project criteria; collaborated with the County to score, select and document the final alignment and developed the preliminary schematic; evaluated four different alignment options and developed a matrix consisting of seven project criteria covering economic, environmental, community/property owners, and floodplain considerations; collaborated with the County to weigh the various project criteria, then scored each alignment in the matrix which resulted in scores used to select the final alignment and document the reasoning for that selection; much of the property had either been quarried or contained dense vegetation so the alignment and profile took both conditions into consideration to minimize the amount of earthwork and tree removal/mitigation required; selected typical section consists of a new 2-lane, undivided collector roadway with on-street bike lanes and sidewalks. For the schematic stage, Halff provided roadway design, H&H analysis, and SUE services as well as overseeing environmental, surveying, and geotechnical work. The H&H analysis included 2-D modeling of Elm Creek to accurately determine the effects of Atlas 14 and the interaction between this watershed and the Colorado River watershed into which an overflow of Elm Creek flows during extreme events.

Activities Performed: Design of alignment alternatives and typical section alternatives

Project Relevance: Access planning; Central Texas project; County project; coordination with stakeholders on tree preservation; evaluation of alternatives; local soils; new location facility; roadway extension; schematic; transportation planning

RM 620 Safety Improvements PS&E, Williamson County, Texas
Role: Project EIT

Project Description: Reconstruct the existing 4-lane rural highway as a 6-lane urban facility

Activities Performed: Preparation of roadway plan set, water pollution abatement plan, quantity/cost estimation, erosion control plan, signing and striping (per MUTCD), and traffic control measures

Project Relevance: Williamson County project (owner); transportation improvement project

Capital Improvements Program Projects, Georgetown, Texas
Role: Project EIT

Project Description: Pavement repair ranging from pavement rejuvenation maintenance of existing pavement, hot in-place recycling of existing pavement, milling the surface and providing structural overlay, and full depth reconstruction; project also included driveway repair and replacement, potholing of water lines, waterline and wastewater line adjustments, storm sewer system design, striping, erosion/sedimentation, and traffic control

DUTTON (CONT.)

Activities Performed: Determination of curb and gutter replacement, traffic control plans, ADA compliant sidewalk, signing and striping (per MUTCD), and erosion control plans

Project Relevance: Williamson County project (location); transportation improvement project

RM 620 Safety Improvements, Deepwood Drive to IH 35, Round Rock, Texas
Role: Project Engineer

Project Description: 0.96 mile of 4-lane highway with frontage roads; includes an overpass over railroad, water quality detention ponds, and a roundabout that incorporates a railroad crossing

Activities Performed: Designed storm sewer system, water quality treatment units, and incorporation of large existing off-site drainage facilities that pass through site

Project Relevance: Williamson County project (location); drainage design; railroad coordination; transportation improvement project

Old Ranch Road 12 Bike/Pedestrian and Widening Project, San Marcos, Texas
Role: Design Engineer

Project Description: Design of 0.7 mile of roadway that will widen Old Ranch Road 12 from Holland Street to Craddock Lane. The proposed roadway section will include widening to three lanes (two through lanes and a 2-way left turn lane) with bike lanes on both sides, sidewalk both sides of the roadway and LID drainage improvements

Activities Performed: Designed sidewalks, roadside ditches, storm sewer, cross sections, driveway culverts, driveway profiles, and water quality biofiltration ponds; preliminarily designed drainage alternatives for runoff leaving the project site at Hughson Drive, Coers Drive, and Sarah Street

Project Relevance: Williamson County project (location); drainage design; transportation improvement project

RM 620 Phase 2 Improvements, Wyoming Springs Drive to Deepwood Drive, Round Rock, Texas
Role: Project Engineer

Project Description: Development of plans to reconstruct 0.78 mile of an existing 4-lane rural highway as a 6-lane urban facility

Activities Performed: Designed storm sewer system, incorporated water quality vaults, and incorporation of many existing off-site drainage facilities that pass through the site; prepared and submitted a WPAP to the TCEQ due to the project location in the Edwards Aquifer

Project Relevance: Williamson County project (location); drainage design; Edwards Aquifer contributing zone; TCEQ coordination; transportation improvement project



7 YEARS OF EXPERIENCE

Education

Bachelor of Science, Civil Engineering, Texas A&M, 2013

License and Certifications

Professional Engineer, Texas, #130151

Nicole's experience includes roadway design, traffic control planning, storm drainage design, water and wastewater design, American with Disabilities Act (ADA) compliant sidewalk design, and shared-use path design

NICOLE DEBEVOISE, PE

SCHEMATIC DEVELOPMENT

RELEVANT PROJECTS

Pflugerville 2019 Transportation Bond Projects, Pflugerville, Texas

Role: Deputy Project Manager

Project Description: The project consists of design of three roadways as part of the 2019 Pflugerville Bond Program. These three roadways are Picadilly Drive (Central Commerce to IH 35 frontage road – 3098 lf), Royston Lane (Grand Avenue Parkway to Central Commerce – 3115 lf) and Central Commerce (City limits to Picadilly Drive – 2113 lf). The scope of services includes plan and profile of the roadways, pedestrian improvements, environmental analyses, preliminary geotechnical analyses, H&H analyses, offsite and roadway storm conveyance analyses, topographical survey, and SUE. A previous phase of this project included a preliminary schematic design and BUILD application process for federal funding via TxDOT.

Activities Performed: Roadway widening geometrics; schematic development and off-site and roadway storm conveyance analyses; on-going effort with utility relocation and conflict analysis

Project Relevance: Central Texas project; coordination with federal agencies; drainage design; infrastructure planning; transportation planning; TxDOT coordination

Black Locust Pavement Rehabilitation Project, Pflugerville, Texas

Role: Design Engineer

Project Description: Pavement rehabilitation for this 0.79-mile-long roadway was a combination of HMAC pavement on cement-treated, recycled base or HMAC milling, and overlay based on the condition of existing subgrade evaluated with geotechnical investigation. Coordination with the geotechnical subconsultant included determining a pavement mix design before final plans went out for bid. Additional alternatives to this plan set included pavement rehabilitation on 0.18 mile of Railroad Avenue and drainage improvements on Cactus Blossom Drive. The project included signing, pavement markings, and reconstruction of pedestrian curb ramps for ADA compliance. Halff worked closely with city staff to scope a project that met city goals for pavement rehabilitation within the allotted budget and the schedule.

DEBEVOISE (CONT.)

Activities Performed: Design for pavement rehabilitation

Project Relevance: Central Texas project; drainage design; local soils; reconstruction of an existing roadway

Harold Green Road Extension, Travis County, Texas
Role: Design Engineer

Project Description: 1-mile long extension of Harold Green Road from SH 130 to Austin's Colony Boulevard; three-quarters of this new alignment was through property with a planned development; designed and evaluated four different alignment options, developed a matrix that weighed crucial project criteria; collaborated with the County to score, select and document the final alignment and developed the preliminary schematic

Activities Performed: Worked closely with the developer and County to determine the typical section, right-of-way, and alignment that was mutually beneficial

Project Relevance: Access planning; Central Texas project; County project; evaluation of alternatives; local soils; new location facility; roadway extension; schematic; transportation planning

Barron and Capstone Alignment Project, Preliminary Design, College Station, Texas
Role: Design Engineer

Project Description: Realignment and widening of 0.8 miles of Barron Road and Capstone Drive; the City did not wish to purchase additional ROW along Barron Road, and the existing culvert conditions and shallow downstream flowlines resulted in innovative drainage solutions including open back inlets and rip-rap channels out-falling to grate inlets

Activities Performed: Led PS&E production and related supporting documents including coordination with UPRR and production of an 'Exhibit A' for the new railroad crossing; coordinated traffic signal and utility relocation designs with the subconsultants; designed an extensive traffic control plan including interim drainage solutions to allow for access to all roadways during construction

Project Relevance: Drainage design; railroad coordination; utility coordination



30 YEARS OF EXPERIENCE

Education

Bachelor of Science, Civil Engineering, University of Texas at Austin, 1989

License and Certifications

Professional Engineer – Texas #81411 + 3 additional states

TxDOT Precertification Categories: 5.2.1, 5.3.1

Tom has 30 years of progressive bridge design experience in the state of Texas and manages the Bridges and Special Structures Group for CP&Y. Tom has served as a bridge design task leader on numerous rural and urban projects involving new bridges, bridge replacements, widening, and drainage structures. Tom is recognized for his strong technical skills and thorough understanding of bridge details and plans. He is also an effective communicator who has established a reputation for providing a high level of service to a wide variety of clients. Tom is experienced in the structural analysis and design of prestressed concrete, reinforced concrete, and structural steel.

THOMAS ASHCRAFT, PE

STRUCTURES

RELEVANT PROJECTS

SH 130/TTA Design/Build Competition, Austin, Texas

Role: Task Force Member

Project Description: Preparation of the construction bid package for this 91-mile highway project

Activities Performed: Served on the bridge and retaining wall task force groups for the Four River Developers; oversaw the development of all 21 preliminary bridge layouts in Segment 4 for both the combined and split roadway bid conditions; worked closely with contractors and other team members to develop effective solutions to streamline design and reduce costs in bridge and retaining wall construction; coordinated design information with the roadway and hydraulic disciplines, ensured that project design criteria were followed and delivered the required estimates and documentation on time

Project Relevance: Bridges and culvert crossings; Central Texas project; transportation improvement project

Colorado River Bridge Reconstruction, TxDOT Brownwood District, Texas

Role: Key Designer

Project Description: $300,000 emergency repair project for a three-year-old bridge on US 377 between Brownwood and Brady, Texas; structure had experienced a slope failure at Abutment No. 6 necessitating removal of the last span and the extension of the bridge to natural ground

Activities Performed: Design of two new 85-foot-long prestressed concrete beam spans with an additional interior bent, new abutment, and a joint reconstruction at existing Bent No. 5; analyzed crane loads on existing structure used during demolition; worked with Brownwood District personnel in coordination of bridge plan details

Project Relevance: Bridges and culvert crossings; transportation improvement project; TxDOT coordination

Marksheffel Road Bridge over Sand Creek, City of Colorado Springs, Colorado

Role: Bridge Design Manager

Project Description: Three-sided arch structure spanning over Sand Creek, stream channel improvements with drop structures, roadway design for approximately 150 LF of

ASHCRAFT (CONT.)

asphalt pavement bridge approaches, sidewalks, and Sand Creek trail

Activities Performed: Alternative analysis and preliminary design for six separate design alternatives with preliminary cost estimate to assist the City in selecting the best value design; responsibilities included managing the bridge design effort and reviewing bridge plans

Project Relevance: Bridges and culvert crossings; transportation improvement project

Academy Boulevard Bridge over Cottonwood Creek, City of Colorado Springs, Colorado
Role: Bridge Design Manager

Project Description: This ACEC Engineering Excellence Award winning CM/GC project included the replacement of the Academy Boulevard Bridge and the connection of the Cottonwood Creek Trail on either side of Academy Boulevard with a grade-separated trail crossing

Activities Performed: Managing the bridge design effort and reviewing bridge plans

Project Relevance: Bridges and culvert crossings; transportation improvement project

Babcock Road (Phase V), Bexar County, Texas
Role: Bridge Design Task Leader

Project Description: Full-width reconstruction of Babcock Road from Heurmann Road to Camp Bullis Road; replacement of low water crossings with two-span, prestressed concrete beam bridges at four locations along Maverick Creek; all four structures were sized for hydraulic requirements, and abutments and bents were placed parallel to stream flow to minimize obstruction to stream flow; foundations consisted of reinforced concrete drilled shafts and were designed to accommodate scour potential

Activities Performed: Oversaw development of the bridge layouts for all four structures and coordinated with roadway and hydraulic disciplines to determine appropriate bridge length, profile, and configuration; supervised staff working on the bridge design and details, and performed the senior review of the bridge plans

Project Relevance: Bridges and culvert crossings; Central Texas project; transportation improvement project

FM 2696 (Blanco Road), Bexar County, Texas
Role: Bridge Design Task Leader

Project Description: Widening of a non-freeway facility, which included two phased bridge replacements (one prestressed beam structure and one flat slab structure)

Activities Performed: Developed the bridge layouts for both structures and coordinated with roadway and hydraulic disciplines to determine appropriate bridge length and profile; both structures used stone riprap at the abutment embankments for erosion protection, and foundations were designed for to accommodate scour potential; supervised staff working on the bridge design and details and oversaw completion of the condition surveys performed on three existing bridge class culverts on the project; work was completed on an accelerated design schedule, designing both bridges in less than three months; provided review of shop plans and RFI support during construction

Project Relevance: Bridges and culvert crossings; Central Texas project; transportation improvement project

ASHCRAFT (CONT.)

FM 3090 Re-Alignment, TxDOT Bryan District, Grimes County, Texas
Role: Project Manager

Project Description: PS&E contract to replace re-align ¼ mile segment of FM 3090 and replace three bridges to improve roadway conditions to pass the 25 yr WSEL

Activities Performed: Managed CP&Y staff designing roadway, complex hydraulics and bridge design, as well as sub-consultants performing survey, ROW mapping documentation and geotechnical investigations; coordinated regularly with TxDOT and led submittal review meetings with TxDOT; partnered with TxDOT in coordination with USACE on the project and provided engineering support during construction

Project Relevance: Bridges and culvert crossings; Central Texas project; coordination with federal agencies; transportation improvement project

FM 2551 at Maxwell Creek, Collin County, Texas
Role: Engineer-of-Record

Project Description: Phased bridge replacement project involving a 116-foot-long, 103-foot overall width single-span structure with sidewalks on both sides of the bridge

Activities Performed: Oversaw development of the bridge and retaining wall layouts on the project as well as the design of all bridge structural elements including prestressed concrete TxDOT TX 46 I-girders, reinforced concrete abutments, and foundation design; oversaw all detailing of bridge plans for inclusion in final PS&E plans

Project Relevance: Bridges and culvert crossings; transportation improvement project

Caddo Creek and Brushy Creek Bridges, TxDOT Tyler District, Texas
Role: Bridge Design Task Leader

Project Description: Design of a phased replacement structure and a new bridge

Activities Performed: Developed bridge layouts; coordinated with roadway and hydraulic disciplines to determine appropriate bridge length and profile to satisfy freeboard requirements; incorporated scour analysis and available soil borings to determine appropriate type of substructure and foundations (drilled shafts) to be used on both bridges; completed the structural design for both bridges and oversaw all detailing of superstructure and substructure elements, finishing ahead of project schedule and under budget

Project Relevance: Bridges and culvert crossings; transportation improvement project

Sand Creek Bridge, City of Sherman, Texas
Role: Bridge Design Task Leader and Engineer-of-Record

Project Description: Bridge replacement project involving a 130-foot-long, 40-foot overall width two-span structure with sidewalks on both sides of the bridge

Activities Performed: Oversaw development of the bridge and retaining wall layouts on the project as well as the design of all bridge structural elements including prestressed concrete TxDOT TX 34 I-girders, reinforced concrete abutment and bent caps, columns, and foundation design; oversaw all detailing of bridge plans for inclusion in final PS&E plans; provided review of shop plans and RFI support during construction

ASHCRAFT (CONT.)

Project Relevance: Bridges and culvert crossings; transportation improvement project

Travis County Old San Antonio Road At Onion Creek Bridge, Travis County, Texas
Role: Project Manager

Project Description: Bridge replacement project of an existing low water crossing; evaluation of replacement alternatives, environmental assessments, public involvement, utility coordination, survey, geotechnical investigations, roadway design, bridge design, traffic control, survey, and hydraulic design

Activities Performed: Managing the CP&Y design team performing the preliminary engineering and final PS&E plan development; coordination and management of in-house design staff and seven subconsultants performing environmental and engineering support services; coordinates with the Travis County project manager concerning project issues and progress, and handles invoicing and other non-technical management aspects required on the project

Project Relevance: Bridges and culvert crossings; Central Texas project; county project; transportation improvement project

FM 1021 UPRR Overpass, TxDOT Laredo District, Texas
Role: Bridge Project Manager

Project Description: Layout, design, and aesthetic development of a seven-span bridge over the Union Pacific Railroad (UPRR); bridge has a combination of Type IV prestressed concrete beam units and a simple span steel plate girder with inverted tee substructure elements

Activities Performed: Oversight of the design of the bridge and two pedestrian structures which tie into the bridge as well as supervision of the structural sheets; meetings were held with TxDOT and city leaders to develop the theme to be used for aesthetic treatments on the bridge substructure as well as murals to be included on the retaining walls

Project Relevance: Bridges and culvert crossings; railroad coordination (UPRR); stakeholder coordination; transportation improvement project; TxDOT coordination



14 YEARS OF EXPERIENCE

KELLY HO, PE

STRUCTURES

Education

Bachelor of Science, Civil Engineering, University of Texas at Austin, 2006

License and Certifications

Professional Engineer – Texas #112947
TxDOT Precertification Categories: 5.2.1

Kelly has 14 years of structural engineering experience. He has experience in prestressed concrete, reinforced concrete, and structural steel design. He also has experience in the inspection and load rating of existing structures that compliments his ability to compile preliminary engineering reports. He is familiar with American Association of State Highway and Transportation Officials (AASHTO) Load and Resistance Factor Design (LRFD) and Standard Specifications as well as Texas Department of Transportation (TxDOT) preferred practices.

RELEVANT PROJECTS

RM 620 Railroad Grade Separation, City of Round Rock, Texas

Role: Project Engineer

Project Description: Overall project includes the design of two overpass structures and a total of 15 retaining walls on RM 620. The structures include a two-span, 240-ft long overpass at Lake Creek Drive and a five-span, 498-ft long overpass over the Union Pacific Railroad and at-grade frontage road roundabout; the retaining wall portion of project includes 13 MSE walls, a soil nail wall and a spread footing wall; the bridges utilize prestressed concrete I-girders and conventionally reinforced inverted T bent caps; the project contains a major aesthetic theme for both overpass and retaining walls

Activities Performed: oversight and coordination of the design and detailing tasks, including aesthetic details, related to the preparation of the bridge and retaining wall portion of the contract PS&E package

Project Relevance: Bridges and culvert crossings; Central Texas project; transportation improvement project; Williamson County project (location)

FM 2551 (Maxwell Creek Bridge on Murphy Road), TxDOT, Collin County, Texas

Role: Structural Lead Designer

Project Description: Multi-phased construction bridge replacement on FM 2551 at Maxwell Creek

Activities Performed: Performed TX 46 prestressed girder design, reinforced concrete design for abutment caps, foundation design and calculated bearing seat elevations for a skewed, 116-foot-long single-span bridge with an overall 103-foot-wide deck; developed four MSE retaining wall configurations adjacent to bridge; oversaw implementation of design into structural detail sheets and calculated bridge pay item quantities

Project Relevance: Bridges and culvert crossings; transportation improvement project

HO (CONT.)

CR 2372 at Branch of Black Creek, TxDOT, Wise County, Texas
Role: Structural Project Engineer and Engineer-of-Record

Project Description: Single phased, single-span bridge replacement using TX 28 girders

Activities Performed: Utilized TxDOT standards but implemented modifications to abutment, span and prestressed concrete panels standards in order to accommodate an 8 ½-inch deck per direction of the District and TxDOT Bridge Division's Recommended Corrosion Protection Measures Guidelines; provided header slope embankment protection by specifying stone protection riprap in conjunction with a gabion mattress at the channel bottom to mitigate scour at the toe of bank; developed a Gabion and Riprap Layout to provide the configuration and armoring details of stone protection riprap and gabion mattress.

Project Relevance: Bridges and culvert crossings; transportation improvement project

Talley Road, FM 1957 (Potranco Rd) to Wiseman Boulevard, Bexar County Public Works Department, San Antonio, Texas
Role: Structural Design

Project Description: $22.3M roadway expansion and reconstruction project that will be designed and constructed utilizing Alamo RMA "Vehicle Registration Funds"; proposes a major reconstruction and widening of a 2.3-mile segment of an existing 2-/3-lane rural collector to a 4-lane divided urban collector with a raised center median and left turn lanes at certain locations

Activities Performed: Responsible for the structural design of the multi-phased, 3-span, 240-foot-long bridge; design effort included prestressed concrete beam design, abutment and interior bent cap designs, lateral capacity check for columns, drilled shaft foundation design, and calculated bridge geometry for bearing seat elevations and bridge quantities; methodically placed the phase construction joint in the bridge deck and substructure elements to provide sufficient area for traffic to be maintained on the bridge during construction while providing enough room for reinforcing bars to be lapped with subsequent phase reinforcing bars; allowing the contractor to splice bars instead of using expensive mechanical couplers not only decreased cost but increased efficiency in the field; design of cast-in-place spread footing walls on the project; utilizing TxDOT standard designs for cast-in-place spread footing walls coupled with the project's geotechnical design parameters and recommendations allowed Kelly to efficiently size the appropriate footing for each wall

Project Relevance: Bridges and culvert crossings; Central Texas project; compliance with TxDOT standards; County project; reconstruction of an existing roadway

Yoakum District Narrow Bridge Replacements, FM 108 at Elm Creek Branch and FM 951 at North Fork Queens Creek, TxDOT, Gonzales and Dewitt Counties, Texas
Role: Structural Project Engineer and Engineer-of-Record

Project Description: Multi-phased construction bridge replacement on FM 108 and single-phased construction bridge replacement at FM 951

Activities Performed: Developed bridge span arrangement at both locations to meet conveyance requirement set forth by hydraulic analysis; determined phase construction joint for proposed FM 108 bridge to accommodate two-way traffic on existing bridge and provide ample construction space; performed prestressed concrete slab beam design, reinforced concrete designs for abutment and

HO (CONT.)

interior bent caps, foundation design and calculated cap elevations for both bridges; oversaw implementation of design into structural detail sheets and calculated bridge pay item quantities

Project Relevance: Bridges and culvert crossings; hydraulic modeling; transportation improvement project

CR 266 over Green Creek, TxDOT, Erath County, Texas
Role: Structural Project Engineer

Project Description: Single-phased replacement of a 97-foot-long by 16-foot concrete deck on steel beams structure with a 160-foot-long by 26-foot-wide prestressed Type TX 28 girder bridge; utilized TxDOT and Fort Worth District Standards, with modifications made for an 8.5-inch deck depth; bridge designed with AASHTO 2012 LRFD specifications; bridge utilized skewed abutments to match direction of flow in the creek and oriented to reduce hydraulic impact

Activities Performed: Preliminary engineering and development of bridge layout, prestressed concrete I-girder design, drilled shaft foundation design and estimated quantity calculations; coordinated all detailing tasks relating to the preparation of the bridge portion of the contract PS&E package

Project Relevance: Bridges and culvert crossings; hydraulic modeling; transportation improvement project

SH 36 at Wolf Creek – Emergency Bridge Replacement, Washington County (TxDOT BRG DIV and Bryan District)
Role: PM and Bridge Design Task Leader

Project Description: Replacement of existing 7-span concrete slab and tee beam bridge due to sudden substructure and foundation capacity loss as a result of multiple concrete piles being damaged by debris during a major flooding event with a 3-span, prestressed concrete TX34 girder type bridge; project design from NTP to final PS&E submission took less than 4 months

Activities Performed: Match proposed NB bridge profile with existing SB bridge edge of deck profile and calculated the necessary bearing seat elevations; proposed bridge replacement provided fewer bents in the channel and mitigated major scour occurring at header slopes of the existing SB SH 36 Wolf Creek abutments immediately adjacent to the NB Wolf Creek bridge by reducing debris collection at the upstream side of the columns; worked with hydraulic team to recommend the removal of existing concrete riprap at both SB and NB Wolf Creek bridges and replace with stone protection riprap to facilitate flexible but robust embankment protection; coordinated with TxDOT BRG DIV and Bryan District to set up a project site and scoping meeting to identify the issues, locate potential utility conflicts, and define the scope of work; authored a Work Authorization contract stemming from the Master Bridge ID contract and developed a design fee in short order to facilitate an immediate project kickoff; coordinated with survey team and mobilized them at the on-set of the project to reduce design schedule delays; conferred with the BRG Geotechnical Branch and utilized borings previously used in the design of the existing SB and NB Wolf Creek Bridges for faster foundation design

Project Relevance: Bridges and culvert crossings; hydraulic modeling; transportation improvement project

HO (CONT.)

Yoakum District Off-System Bridge Replacement Projects, TxDOT Yoakum District
Role: Deputy Project Manager and Bridge Design Task Leader

Project Description: Five year contract to provide engineering services for the development of plans, specifications and estimates (PS&E) of 51 off-system bridge replacements within the 11 counties overseen by the TxDOT Yoakum District

Activities Performed: Designed 16 bridges and guided three bridge design subconsultants in the design of their assigned bridges; utilized various standard bridge types, such as prestressed slab beam and prestressed box beams, to provide a shallow superstructure depth to allow a minimal raise in roadway profile to mitigate ROW acquisition and/or temporary construction easements while providing sufficient opening for meets-or-exceeds hydraulic conditions; evaluated constructability at the bridge site including limitations for beam transport as a result of tight, short radius curves on county roads; served in a DPM role helping to manage and coordinate design tasks with various subconsultants providing roadway, hydraulic, bridge design as well as survey and geotechnical investigations; reviewed plans, construction timelines, and cost estimates to ensure quality and prepared various PS&E documents such as Form 1002, Stage Gate Checklist, and General Notes for every submittal milestone

Project Relevance: Bridges and culvert crossings; hydraulic modeling; transportation improvement project

FM 3090 at Spring Creek and Holland Creek, TxDOT Bryan District, Grimes County, Texas
Role: Structural Project Engineer and Engineer-of-Record

Project Description: 3 single-phased bridge replacements using TX 28 girders; bridge span configurations included a single span, three-span and four-span arrangement; utilized TxDOT standards for superstructure and substructure design including additional shear key details between prestressed beams to mitigate lateral displacement from hydraulic storm event; provided header slope protection by specifying stone protection riprap and riprap toe wall

Activities Performed: Developing several different bridge configurations in order to provide the most cost-efficient structure in conjunction with the necessary hydraulic conveyance; bridge layout development, foundation design and estimated quantity calculations; coordinated all detailing tasks relating to the preparation of the bridge portion of the contract PS&E plans

Project Relevance: Bridges and culvert crossings; compliance with TxDOT standards; reconstruction of an existing roadway



22 YEARS OF EXPERIENCE

Education

Bachelor of Science, Civil Engineering, University of Texas at San Antonio, 1995

License and Certifications

Professional Engineer, Texas, #87851
Project Management Professional #1324181
TxDOT Precertification Sequence #6386
TxDOT Precertification Categories: 12.1.1, 12.1.2, 14.1.1, 14.2.1, 14.3.1, 14.4.1

Gabriel has more than 20 years work experience involving management and execution of construction quality control testing and inspection services on major construction projects in Texas. He has technical and managerial expertise in concrete and soils testing and inspection, drilled pier inspection, and asphalt testing. Gabriel's construction materials testing and engineering experience includes several public, private, and industrial projects.

GABRIEL ORNELAS JR., PE

GEOTECHNICAL LEAD

RELEVANT PROJECTS

CR 119 - Limmer Loop to Chandler Road, Williamson County, Texas

Role: Principal-in-Charge

Project Description: Proposed extension of CR 110/Ed Schmidt Boulevard from Limmer Loop to Chandler Road; 2 lanes of a future 4-lane roadway with shoulders and a traffic signal

Activities Performed: Conducted the geotechnical engineering study

Project Relevance: Williamson County project (owner); roadway planning project; roadway extension; local soils

Sam Bass Road/Chisholm Trail, Round Rock, Texas

Role: Principal-in-Charge

Project Description: Construction of a portion of Sam Bass Road to a 4-lane divided roadway from Meadows Drive to the IH 35 SB frontage road, and a small portion of Chisholm Trail was reconstructed north of Sam Bass Road

Activities Performed: Construction materials testing and observation services

Project Relevance: Williamson County project (location); local soils

San Gabriel Parkway Extension, Leander, Texas

Role: Principal-in-Charge

Project Description: Proposed extension of San Gabriel Parkway from CR 270 to Ronald Reagan Boulevard as a 4-lane divided roadway with curb and gutter, storm sewers, water quality, detention, street lighting, landscaping, temporary irrigation system, 6' and 10' (dual use) sidewalks and a 24-inch water line

Activities Performed: Geotechnical engineering study

Project Relevance: Williamson County project (location); local soils

Heritage Trail West Chisholm Trail, Round Rock, Texas

Role: Principal-in-Charge

Project Description: Realignment of Chisholm Trail Road along the segment of roadway extending from Brushy Creek to Sunset Drive

ORNELAS (CONT.)

Activities Performed: Geotechnical engineering study – drilling borings along the existing Chisholm Trail Road performing laboratory testing to classify and characterize subsurface conditions, preparing an engineering report presenting foundation design and construction recommendations for the proposed realignment of Chisholm Trail Road, as well as providing pavement design and construction guidelines

Project Relevance: Williamson County project (location); local soils

Peer Review of HR 79 Bodenman Tract, Round Rock, Texas
Role: Principal-in-Charge

Project Description: Study peer review for the HR 79 Bodenman Tract

Activities Performed: Reviewed subsurface conditions, engineering reports presenting foundation design and construction recommendations

Project Relevance: Williamson County project (location); local soils

Peer Review of Turtle Creek Village, Round Rock, Texas
Role: Principal-in-Charge

Project Description: Study peer review for the Turtle Creek Village construction

Activities Performed: Reviewed subsurface conditions, engineering reports presenting foundation design and construction recommendations

Project Relevance: Williamson County project (location); local soils

Roundville Lane Reconstruction, Round Rock, Texas
Role: Principal-in-Charge

Project Description: Geotechnical engineering study for the reconstruction of Roundville Lane

Activities Performed: Drilling borings along the existing Roundville Lane performing laboratory testing to classify and characterize subsurface conditions, preparing an engineering report presenting foundation design and construction recommendations for the proposed reconstruction of Roundville Lane, as well as providing pavement design and construction guidelines

Project Relevance: Williamson County project (location); local soils

US 79 Widening Harrell Parkway, Round Rock, Texas
Role: Principal-in-Charge

Project Description: Geotechnical Engineering study for the US 79 Widening Harrell Parkway

Activities Performed: Drilling borings along the existing Harrell Parkway, performing laboratory testing to classify and characterize subsurface conditions, preparing an engineering report presenting foundation design and construction recommendations for the proposed widening of Harrell Parkway as well as providing pavement design and construction guidelines

Project Relevance: Williamson County project (location); local soils

Heatherwilde Boulevard Improvements, Pflugerville, Texas
Role: Geotechnical Engineer

ORNELAS (CONT.)

Project Description: Geotechnical engineering study for the Heatherwilde Boulevard Improvements

Activities Performed: Subsurface investigation and analysis

Project Relevance: Roadway improvement project; Central Texas project; local soils

Water Oak Parkway Major Arterial Improvements, Georgetown, Texas
Role: Geotechnical Engineer

Project Description: Geotechnical engineering study for the Water Oak Parkway Major Arterial Improvements

Activities Performed: Subsurface investigation and analysis

Project Relevance: Williamson County project (location); roadway improvements; local soils

Retaining Wall and Pavement Design for FM 110, Hays County, Texas
Role: Geotechnical Engineer

Project Description: Geotechnical engineering study for the Retaining Wall and Pavement Design for FM 110; project consists of the construction of a new roadway alignment to be located near its intersection with SH 123 and extending 0.25-mile west in Hays County

Activities Performed: Drilling soil borings in the vicinity of the proposed Mechanically Stabilized Embankment (MSE) walls; perform laboratory testing to classify and characterize subsurface conditions; prepare an engineering report presenting foundation design and construction recommendations; a Global Stability Analyses was performed

Project Relevance: Roadway improvement project; Central Texas project; local soils

Cougar Avenue & Brushy Creek Road Rehabilitation, Cedar Park, Texas
Role: Geotechnical Engineer

Project Description: Geotechnical engineering study for the proposed roadway section of Brushy Creek Road and South Cougar Avenue located in Cedar Park, Texas.

Activities Performed: Drilling borings along the existing roadway, performing laboratory testing to classify and characterize subsurface conditions, preparing an engineering report presenting foundation design and construction recommendations for the roadway section, as well as providing pavement design and construction guidelines.

Project Relevance: Williamson County project (location); new location facility; local soils

Hero Way-County Road 269 Extension, Leander, Texas
Role: Geotechnical Engineer

Project Description: Geotechnical engineering study for the Hero Way-County Road 269 Extension project in Leander, Texas.

Activities Performed: Drilling borings along the existing roadway, performing laboratory testing to classify and characterize subsurface conditions, preparing an engineering report presenting foundation design and construction recommendations for the roadway section, as well as providing pavement design and construction guidelines.

Project Relevance: Williamson County project (location); roadway improvements; local soils



17 YEARS OF EXPERIENCE

YVONNE GARCIA THOMAS, PE

GEOTECHNICAL ENGINEER

Education

Bachelor of Science, Agricultural Engineering, Texas A&M University, 1999

License and Certifications

Professional Engineer, Texas, #111414

Yvonne's responsibilities include subsurface investigations and engineering analysis and consulting of the design and construction of foundations, pavements, and roadways. She has consulted on various foundation and pavement design recommendations for residential, commercial institutional, schools, industrial projects, as well as infrastructure. She is responsible for writing and reviewing geotechnical and construction reports, investigating and consulting on all issues related to geotechnical, foundation design, pavement/roadway and concrete construction. Additional duties include supervising the soils laboratory, managing budgets, managing backlog projections, marketing, preparing technical proposals, and mentoring and developing the engineering and technical staff.

RELEVANT PROJECTS

Heatherwilde Boulevard Improvements, Pflugerville, Texas

Role: Geotechnical Engineer

Project Description: Geotechnical engineering study for the Heatherwilde Boulevard Improvements

Activities Performed: Subsurface investigation and analysis

Project Relevance: Roadway improvement project; Central Texas project; local soils

Water Oak Parkway Major Arterial Improvements, Georgetown, Texas

Role: Geotechnical Engineer

Project Description: Geotechnical engineering study for the Water Oak Parkway Major Arterial Improvements

Activities Performed: Subsurface investigation and analysis

Project Relevance: Williamson County project (location); roadway improvements; local soils

Retaining Wall and Pavement Design for FM 110, Hays County, Texas

Role: Geotechnical Engineer

Project Description: Geotechnical engineering study for the Retaining Wall and Pavement Design for FM 110; project consists of the construction of a new roadway alignment to be located near its intersection with SH 123 and extending 0.25-mile west in Hays County

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Project Relevance: Roadway improvement project; Central Texas project; local soils

Cougar Avenue & Brushy Creek Road Rehabilitation, Cedar Park, Texas

Role: Geotechnical Engineer

Project Description: Geotechnical engineering study for the Retaining Wall and Pavement Design for FM 110; project

GARCIA THOMAS (CONT.)

consists of the construction of a new roadway alignment to be located near its intersection with SH 123 and extending 0.25-mile west in Hays County

Activities Performed: Drilling soil borings in the vicinity of the proposed Mechanically Stabilized Embankment (MSE) walls; perform laboratory testing to classify and characterize subsurface conditions; prepare an engineering report presenting foundation design and construction recommendations; a Global Stability Analyses was performed

Project Relevance: Roadway improvement project; Central Texas project; local soils

Hero Way-County Road 269 Extension, Leander, Texas
Role: Geotechnical Engineer

Project Description: Geotechnical engineering study for the Hero Way-County Road 269 Extension project in Leander, Texas.

Activities Performed: Drilling borings along the existing roadway, performing laboratory testing to classify and characterize subsurface conditions, preparing an engineering report presenting foundation design and construction recommendations for the roadway section, as well as providing pavement design and construction guidelines.

Project Relevance: Williamson County project (location); roadway improvements; local soils

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Role: Project Manager

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Role: Project Engineer

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Activities Performed: Construction materials testing and observation services

Project Relevance: Williamson County project (location); local soils

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Role: Project Engineer

Project Description: Proposed extension of San Gabriel Parkway from CR 270 to Ronald Reagan Boulevard as a 4-lane divided roadway with curb and gutter, storm sewers, water quality, detention, street lighting, landscaping, temporary irrigation system, 6’ and 10’ (dual use) sidewalks and a 24-inch water line

Activities Performed: Geotechnical engineering study

GARCIA THOMAS (CONT.)

Project Relevance: Williamson County project (location); local soils

Heritage Trail West Chisholm Trail, Round Rock, Texas
Role: Project Engineer

Project Description: Realignment of Chisholm Trail Road along the segment of roadway extending from Brushy Creek to Sunset Drive

Activities Performed: Geotechnical engineering study—drilling borings along the existing Chisholm Trail Road performing laboratory testing to classify and characterize subsurface conditions, preparing an engineering report presenting foundation design and construction recommendations for the proposed realignment of Chisholm Trail Road, as well as providing pavement design and construction guidelines

Project Relevance: Williamson County project (location); local soils

Peer Review of HR 79 Bodenman Tract, Round Rock, Texas
Role: Project Engineer

Project Description: Study peer review for the HR 79 Bodenman Tract

Activities Performed: Reviewed subsurface conditions, engineering reports presenting foundation design and construction recommendations

Project Relevance: Williamson County project (location); local soils

Peer Review of Turtle Creek Village, Round Rock, Texas
Role: Project Engineer

Project Description: Study peer review for the Turtle Creek Village construction

Activities Performed: Reviewed subsurface conditions, engineering reports presenting foundation design and construction recommendations

Project Relevance: Williamson County project (location); local soils

Roundville Lane Reconstruction, Round Rock, Texas
Role: Project Engineer

Project Description: Geotechnical engineering study for the reconstruction of Roundville Lane

Activities Performed: Drilling borings along the existing Roundville Lane performing laboratory testing to classify and characterize subsurface conditions, preparing an engineering report presenting foundation design and construction recommendations for the proposed reconstruction of Roundville Lane, as well as providing pavement design and construction guidelines

Project Relevance: Williamson County project (location); local soils



38 YEARS OF EXPERIENCE

STACEY BENNINGFIELD

ENVIRONMENTAL LEAD

License and Certifications

TxDOT Precertification Categories: 2.1.1, 2.4.1, 2.4.2, 2.5.1, 2.7.1, 2.13.1, 2.14.1

Stacey has over 38 years of transportation experience, including 29 years of specialization in environmental planning. She possesses extensive knowledge of the transportation development process and the state and federal laws, rules, and regulations governing that process. Stacey's expertise includes preparation of National Environmental Policy Act (NEPA) documents, environmental field investigations, agency coordination, public involvement, and environmental permitting and mitigation planning. She has prepared environmental impact statements (EISs), environmental assessments (EAs), categorical exclusions (CEs), EIS/EA reevaluations, Section 4(f)/6(f) evaluations and has successfully negotiated Section 404 permits, wetland mitigation plans and protection plans for threatened/endangered species.

RELEVANT PROJECTS

Corridor F/US 183 Feasibility Study, Williamson County, Texas

Role: Environmental Task Lead

Project Description: This project is a pre-NEPA corridor preservation study. Upon completion, Williamson County will initiate at-risk right-of-way acquisition to preserve the effective, long-term use of the US 183 transportation corridor.

Activities Performed: Environmental constraints mapping and field investigations; preparation of resource-specific environmental "due diligence" technical reports; identification, development and evaluation of route options; traffic modeling and analysis; schematic development; and public outreach

Project Relevance: Access planning; Central Texas project; compliance with TxDOT standards; corridor Improvement project; County project; Edwards Aquifer Contribution Zone; environmental documents; evaluation of alternatives; familiarity with both GEC and County coordination and standards; infrastructure planning; meetings with public and property owners; reconstruction of an existing roadway; road bond financed; roadway expansion; stakeholder coordination; transportation improvement project; transportation planning; TxDOT coordination; Williamson County project (location)

US 190 Feasibility Study, Texas Department of Transportation and Killeen-Temple, Metropolitan Planning Organization, Bell County, Texas

Role: Deputy Project Manager

Project Description: Pre-NEPA corridor planning study to evaluate the feasibility of upgrading and possibly relocating a 20-mile segment of US 190 in eastern Bell County

Activities Performed: Environmental constraints mapping and field investigations, alternatives identification and evaluation, and extensive public involvement

Project Relevance: infrastructure planning; transportation improvement project; transportation planning

BENNINGFIELD (CONT.)

Fredericksburg Relief Route Study, TxDOT, Gillespie County, Texas
Role: Project Manager

Project Description: This project is a pre-NEPA planning study exploring the feasibility of constructing a US 290 relief route around the City of Fredericksburg in Gillespie County, Texas.

Activities Performed: Environmental constraints mapping; preparation of resource-specific environmental technical reports; identification, development and evaluation of route options; traffic modeling and analysis; schematic development; and extensive public outreach

Project Relevance: Access planning; Central Texas project; compliance with TxDOT standards; environmental documents; evaluation of alternatives; infrastructure planning; meetings with public and property owners; new location facility; stakeholder coordination; transportation improvement project; transportation planning; TxDOT coordination

Kenney Fort Boulevard Segments 2 and 3, City of Round Rock, Texas
Role: Project Manager

Project Description: 1.5-mile extension of Kenney Fort Blvd between Forest Creek Drive and SH 45 North; off-system project was federally-funded; thus, all work was done in accordance with TxDOT standards and required TxDOT approvals/coordination

Activities Performed: Managed the schematic and PS&E development, public involvement and environmental studies for this new location, six-lane, divided arterial roadway

Project Relevance: Alternatives analysis & schematic (ready for PS&E stage); Central Texas project; Compliance with TxDOT standards; coordination w/CAMPO policies; coordination with Federal agencies; coordination with state agencies; County project; EA for transportation improvements; environmental documents; evaluation of alternatives; infrastructure planning; meetings with public and property owners; new location facility; stakeholder coordination; transportation improvement project; transportation planning; TxDOT coordination; Williamson County project (location)

IH 35 at SH 29, TxDOT and Williamson County, Georgetown, Texas
Role: Environmental Task Lead

Project Description: Preparation of a Categorical Exclusion and Water Pollution Abatement Plan for the addition of a turnaround bridge on the IH 35 frontage road in Georgetown, Texas; working with TxDOT and Williamson County, environmental clearance was successfully expedited allowing this project to become the first project funded under TxDOT's Pass Through Financing Program to advance to construction.

Activities Performed: Managed the preparation of the environmental documentation, conducted the QA/QC review, and coordinated with TxDOT on behalf of the project sponsor, Williamson County

Project Relevance: Central Texas project; compliance with TxDOT standards; County project; environmental documents; infrastructure planning; transportation improvement project; transportation planning; Williamson County project (location)

Central Texas Turnpike Program, Texas Turnpike Authority, Williamson and Travis Counties, Texas
Role: Environmental Program Manager

BENNINGFIELD (CONT.)

Project Description: Four elements of $3.5B CTTP: SH 130 (a 90-mile new location turnpike), 183A (new location turnpike); Loop 1 North Extension (new location tolled extension of MoPac); and SH 45 North (new location turnpike)

Activities Performed: Responsible for all aspects of environmental planning, public involvement, agency coordination and permitting; achieved records of decision on each individual element of the program, Stacey also negotiated and secured an Individual Section 404 permit (and mitigation plan) for SH 130 and managed the Section 7 consultations for SH 45 North and 183A

Project Relevance: Alternatives analysis & schematic (ready for PS&E stage); Central Texas project; compliance with TxDOT standards; contribution to an EIS; coordination with Federal agencies; coordination with local agencies; coordination with state agencies; Edwards Aquifer Contribution Zone; Edwards Aquifer Recharge Zone; environmental documents; environmental protection of karst features; evaluation of alternatives; infrastructure planning; meetings with public and property owners; new location facility; stakeholder coordination; transportation improvement project; transportation planning; TxDOT coordination; Williamson County project (location)

183 North Mobility Project, Central Texas Regional Mobility Authority, Travis and Williamson Counties, Texas
Role: Environmental Specialist

Project Description: This 13-mile long project added two express lanes in each direction, a fourth general purpose lane in areas where there are currently three, direct connectors at SH 45/RM 620 and MoPac, sidewalks, and shared use paths where feasible.

Activities Performed: Primary author of the environmental assessment for the 183 North Mobility project (RM 620/SH 45 North to Loop 1)

Project Relevance: Alternatives analysis & schematic (ready for PS&E stage); Central Texas project; Compliance with TxDOT standards; EA for transportation improvements; environmental protection of karst features; infrastructure planning; transportation improvement project; transportation planning

Mobility35 Program, TxDOT, Williamson, Travis, and Hays Counties, Texas
Role: Environmental Program Manager

Project Description: Managed the development of the IH 35 Capital Area Improvement Plan and the $4 billion program of projects outlined in that plan; responsible for all aspects of the project planning and development process including NEPA compliance

Activities Performed: Collectively, the projects identified in this award-winning plan, serve to address the mobility issues along and across a 65-mile section of IH 35. This community-driven, community-focused effort included more than 200 stakeholder meetings and numerous public meetings, open houses and virtual open houses.

Project Relevance: Central Texas project; compliance with TxDOT standards; coordination with local agencies; corridor Improvement project; corridor planning in an environmentally & politically sensitive area; infrastructure planning; reconstruction of an existing roadway; roadway expansion; transportation improvement project; transportation planning

BENNINGFIELD (CONT.)

US 290 East, Central Texas Regional Mobility Authority, Travis County, Texas
Role: Environmental Task Lead

Project Description: Managed the preparation of the environmental assessment, conducted the QA/QC review, and coordinated with TxDOT and the Federal Highway Administration on behalf of the project sponsor Central Texas Regional Mobility Authority

Activities Performed: Responsible for development of an environmental assessment for this toll project. Developed and pioneered the methodology now considered the standard in Texas for addressing the impacts of tolling on Environmental Justice (low income and minority) populations

Project Relevance: Central Texas project; compliance with TxDOT standards; EA for transportation improvements; environmental documents; evaluation of alternatives; infrastructure planning; meetings with public and property owners; reconstruction of an existing roadway; roadway expansion; stakeholder coordination; transportation improvement project; transportation planning; TxDOT coordination

SH 45 Southeast, Texas Attorney General's Office, Travis County, Texas
Role: Expert Services Contractor

Project Description: Under an Expert Services contract to the Texas Attorney General's Office, led a study to assess indirect land use impacts resulting from SH 45 Southeast and authored a re-evaluation of the environmental impact statement (EIS); land use study included an evaluation of historic and projected growth in the project area, and extensive outreach to local officials and members of the development community; the re-evaluation of the EIS included a first-of-its-kind (in Texas) comprehensive/quantified assessment of indirect and cumulative environmental impacts owing this new location tollway.

Activities Performed: Led the outreach effort and met with stakeholders to collect data and identify planned land development in the study area

Project Relevance: Central Texas project; compliance with TxDOT standards; contribution to an EIS; coordination with local agencies; coordination with state agencies; environmental documents; evaluation of alternatives; infrastructure planning; meetings with public and property owners; new location facility; stakeholder coordination; transportation improvement project; transportation planning; TxDOT coordination



21 YEARS OF EXPERIENCE

DARREN DODSON

WATERS/PERMITTING

Education

Master of Science, Biology, Southwest Texas State University, 2001
Bachelor of Science, Geography, Texas A&M University, 1995

License and Certifications

TxDOT Precertification Categories: 1.4.1, 1.8.1, 2.1.1, 2.3.1, 2.4.1, 2.4.2, 2.6.2, 2.13.1, 2.14.1

Darren is skilled in managing the NEPA process for transportation projects, including environmental field investigations, document preparation, agency coordination, public involvement and permitting. He has prepared Environmental Impact Statements (EIS), Environmental Assessments (EA), Categorical Exclusions, EIS/EA Reevaluations, and EA's for Texas Parks and Wildlife Recreational and Regional Grants, as well as Housing and Urban Development (HUD) funded projects. He has has completed the Wetland Training Institute's 40-hour 'Wetland Delineation' training and 36-hour 'Assessing Wetland Functions and Health' training.

RELEVANT PROJECTS

Williamson County Karst Foundation, Williamson County, Texas
Role: Biologist

Project Description: The Williamson County Karst Foundation is a mitigation bank whose goal is to provide for conservation and eventual recovery of endangered, cave-dwelling invertebrates in the Williamson County area.

Activities Performed: Assisted in developing and maintaining the database, including location, landowner information, site characteristics and karst zonation, for all known Williamson County karst features

Project Relevance: Central Texas project; environmental protection of karst features; Williamson County project (owner)

Tannehill Branch Environmental Assessment, City of Austin, Austin, Texas
Role: Biologist

Project Description: Municipal road project

Activities Performed: Conducting vegetation analysis and wetland determination; tree survey in compliance with Austin's Tree Protection Ordinance

Project Relevance: Central Texas project; environmental assessment for transportation improvements; performing a tree survey

FM 1626 from Brodie Lane to FM 2304, Travis County Transportation and Natural Resources Department, Travis County, Texas
Role: Environmental Task Lead

Project Description: One-mile widening of FM 1626 from 2 lanes to 4 lanes; project also included the addition of sidewalks throughout the corridor to provide increased pedestrian mobility

Activities Performed: Oversaw the development of the Environmental Assessment and accompanying resource specific technical reports

Project Relevance: Central Texas project; environmental assessment for transportation improvements; transportation improvement project

DODSON (CONT.)

FM 2001 from IH 35 to SH 21, Hays County, Texas
Role: Environmental Task Lead

Project Description: 8.5-mile realignment of FM 2001

Activities Performed: Managed development of the EA

Project Relevance: Central Texas project; environmental assessment for transportation improvements; transportation improvement project

CR 351 at Donahoe Creek, Williamson County, Texas
Role: Project Manager

Project Description: PCE

Activities Performed: Conducted the air quality analysis and habitat evaluation

Project Relevance: Central Texas project; environmental assessment for transportation improvements; transportation improvement project

US 183 Intersection, Williamson County, Texas
Role: Project Manager

Project Description: PCE

Activities Performed: Conducted the air quality analysis and habitat evaluation

Project Relevance: Central Texas project; environmental assessment for transportation improvements; transportation improvement project

Drainage and Streetscape Improvement Project, City of San Marcos, Hays County, Texas
Role: Project Manager

Project Description: Proposed drainage improvements, including the construction of a water quality pond and outfall structure in the San Marcos River; the project also consisted of aesthetic improvements to sidewalks in the project area

Activities Performed: Performed a wetland delineation and preparing a Nationwide Permit Preconstruction Notification and Blanket Categorical Exclusion

Project Relevance: Central Texas project; drainage design; environmental assessment for transportation improvements; transportation improvement project

Scott Street Extension ICity of Houston, Harris County, Texas
Role: Senior Environmental Planner

Project Description: Expanding and extending Scott Street from Almeda Genoa Road to Orem Drive

Activities Performed: Prepared a natural resources assessment report (wetland delineations/T&E assessment)

Project Relevance: Environmental assessment for transportation improvements; transportation improvement project

DODSON (CONT.)

Ellington Field Wetland Delineation, Houston, Texas
Role: Senior Environmental Planner

Project Description: Proposed improvements to Horsepen Bayou

Activities Performed: Performed a wetland delineation and prepared a Nationwide Permit

Project Relevance: Environmental assessment for transportation improvements; infrastructure planning

Spring Creek Greenway Project-Taylor and St. John Tracts, Montgomery County, Texas
Role: Project Manager

Project Description: This site will serve as mitigation land for the Spring Creek Greenway Projects In-Lieu Fee Mitigation Program (ILF-001)

Activities Performed: Prepared a Wetlands and Waters of the US Determination Report for an approximately 20-acre and an approximately 10-acre tract of land

Project Relevance: Infrastructure planning

Montgomery County Precinct 2-Seven Coves Road Mitigation Site, Montgomery County, Texas
Role: Project Manager

Project Description: Approximate 15-acre tract of land to serve as mitigation land for the FM 830 project

Activities Performed: Prepared a Wetlands and Waters of the US Determination Report

Project Relevance: Environmental assessment for transportation improvements; infrastructure planning

CR 187 West Mill Creek, TxDOT Houston District, Austin County, Texas
Role: Environmental Planner

Project Description: Proposed bridge replacement on CR 187 over West Mill Creek

Activities Performed: Provided wetland and waters of the US determinations and delineations

Project Relevance: Environmental assessment for transportation improvements

Environmental Assessment for FM 3535, Camp County, Texas
Role: Environmental Planner

Project Description: Extension of FM 3535 from US 271 to FM 1520

Activities Performed: Environmental services, including wetland determinations/delineations

Project Relevance: Environmental assessment for transportation improvements; roadway extension

Environmental Assessment Update on US 84, Shelby County, Texas
Role: Environmental Planner

Project Description: Replacement of the Sabine River Bridge and approaches located on US 84 in Shelby County, Texas and DeSoto Parish, Louisiana

Activities Performed: Engineering services for the preparation of an Environmental Assessment

Project Relevance: Environmental assessment for transportation improvements



14 YEARS OF EXPERIENCE

VICTORIA "TORI" RAINES

ARCHITECTURAL HISTORIAN

Education

Master of Regional and City Planning, University of Oklahoma College of Architecture, 2013

Master of Arts, History and Culture Studies: Historic Preservation, Union Institute and University, 2011

Bachelor of Arts, Anthropology, University of Texas, 2006

License and Certifications

TxDOT Precertification Categories: 2.8.1, 2.11.1, 2.15.1, 2.15.2

Tori's technical expertise includes historic building surveys and documentation, property type identification and assessment to determine National Register eligibility, assessment of effect for Section 106 and NEPA compliance, National Register and HABS/HAER documentation, building condition assessments, rehabilitation and master plans, developing programmatic agreements and mitigation plans, and all components of Section 106 consultation process.

RELEVANT PROJECTS

RM 620 in Austin Historic Resources Tasks, TxDOT, Travis County, Texas

Role: Architectural Historian/Principal Investigator

Project Description: Reconstruct the existing 4-lane rural highway as a 6-lane urban facility

Activities Performed: Prepared project coordination request and research design prior to field survey; conducted field reconnaissance survey and produced Historic Resources Survey Report with the findings of the survey and recommendations regarding NRHP eligibility of historic resources; prepared individual resource forms for each resource

Project Relevance: Central Texas project; environmental assessment for transportation improvements; infrastructure planning; transportation planning

US-75 at Preston Road, ODOT, Okmulgee County, Oklahoma

Role: Architectural Historian and Public Involvement

Project Description: Intersection improvement

Activities Performed: Coordinated with local officials to determine appropriate meeting location and time for public open house; conducted door-to-door campaign to address public concerns and extend invitations to open house; prepared presentation materials for open house; project is ongoing and historic resources documentation will be conducted

Project Relevance: Environmental assessment for transportation improvements; infrastructure planning; stakeholder coordination; transportation planning

US 281 over Canadian River Bridge Rehabilitation, ODOT, Canadian County, Oklahoma

Role: Architectural Historian

Project Description: Rehabilitation of nationally significant bridge along historic Route 66

Activities Performed: Coordinated with local and national stakeholders to determine best course of action for the bridge and surrounding historic features; conducted desktop-level reconnaissance study and produced report with initial findings and high-level viewshed analysis of proposed alternatives and rehabilitation options

RAINES (CONT.)

Project Relevance: Environmental assessment for transportation improvements; stakeholder coordination; transportation improvement project

SH 66 Historic Preservation, ODOT, Lincoln County, Oklahoma
Role: Project Manager/Architectural Historian

Project Description: National Register of Historic Places eligibility assessments as Architectural Historian for multiple historic-age buildings along SH 66

Activities Performed: Prepared the Historic Preservation Resource Identification forms and made eligibility assessments

Project Relevance: Coordination with federal agencies; environmental assessment for transportation improvements; transportation improvement project

SH 33 over Cottonwood Creek Mitigation Stipulation EC1420A Task Order 2, ODOT, Guthrie, Oklahoma
Role: Project Manager/Architectural Historian

Project Description: Preparation of removal of 11 properties listed in the NRHP by transportation project

Activities Performed: Prepared intensive documentation with high-quality digital photographs, context, and description of the properties; chain of title research on each building, Sanborn and other historic map investigation, and architectural description of each building

Project Relevance: Coordination with federal agencies; environmental assessment for transportation improvements; transportation improvement project



8 YEARS OF EXPERIENCE

LEIGH RADERSCHADT

SOCIOECONOMIC STUDIES

Education

Master of Science, Community and Regional Planning, Historic Preservation Specialization, University of Texas at Austin, May 2017
Bachelor of Science, History, South Dakota State University, 2007
Bachelor of Science, Interior Design, South Dakota State University 2007

License and Certifications

TxDOT Precertification Category: 2.15.1

Leigh has assisted with historic resource surveys and written Socioeconomic Analysis reports as well as several Community Impact Assessment and historic Project Coordination Request technical reports. Leigh has experience in conducting research and site visits as well as preparing analyses for both social justice and cultural resource components of multiple projects. She has experience in conducting research and site visits as well as preparing analyses for both environmental justice and cultural resource components of multiple projects. Additionally, Leigh has worked on several indirect and cumulative impact reports.

RELEVANT PROJECTS

North 16-mile Comprehensive Project, IH 35 at Parmer Lane, and IH 35 from SH 45N to Grand Avenue Parkway, TxDOT, Travis and Williamson Counties, Texas
Role: Environmental Professional

Project Description: Prepare Community Impact Assessment technical reports for the IH 35 corridor in Texas between Austin and Round Rock as well as separate reports for individual intersection projects

Activities Performed: Performed census data analysis, site visits, and created Land Use and Environmental Justice maps; conducted research of historic and eligible resources as well as created location maps to prepare historic Project Coordination Requests for the same projects

Project Relevance: Central Texas project; corridor improvement project; environmental assessment for transportation improvements; environmental documents; intersection improvements; transportation planning; Williamson County project (location)

Economic Impact of Historic Preservation in Texas, University of Texas at Austin, Texas Historical Commission, Texas
Role: Environmental Professional

Project Description: Worked with UT and Rutgers faculty to create and analyze the financial impact that historic preservation and heritage tourism projects and programs have on the Texas economy

Activities Performed: Performed research and conducted phone interviews in order to write case studies highlighting various Texas Historical Commission (THC) programs including Federal Tax Credits, Texas Main Street Program, Texas Historic Courthouse Preservation, Texas Heritage Trails, THC State Historic Sites, and Museums

Project Relevance: Coordination with state agencies

RM 620, TxDOT, Travis County, Texas
Role: Planner and Architectural Historian

Project Description: Reconstruct the existing 4-lane rural highway as a 6-lane urban facility

Activities Performed: Gathered and analyzed census, land use data, and planning documents - worked with multiple

RADERSCHADT (CONT.)

agencies—and conducted site visit to assess community and regional impacts; completed a Community Impact Assessment and Indirect Impact analysis; as Architectural Historian, assisted with Cultural Resources Survey identifying and documenting resources

Project Relevance: Central Texas project; environmental assessment for transportation improvements; environmental documents; transportation planning

IH 35 in Cleveland County Reconnaissance Study, ODOT, Cleveland County, Oklahoma
Role: Planner

Project Description: Prepare GIS maps for EJ populations and land use for the Cities of Norman and Moore, Oklahoma

Activities Performed: Extracted US Census data and researched comprehensive plans; compiled transportation project information from multiple transportation plans, trail maps, and city plans for inclusion in final recon report

Project Relevance: Environmental documents; transportation planning



9 YEARS OF EXPERIENCE

ANGELA GILLMEISTER

NOISE AND AIR STUDIES

Education

Certificate, Geographic Information Systems (GIS), Austin Community College, 2012

Bachelor of Arts, International Studies, Texas State University at San Marcos, 2010

License and Certifications

TxDOT Precertification Categories: 2.1.1, 2.2.1

Angela has six years of project experience in traffic noise modeling and air quality analysis for roadway projects. She is very familiar with the best practices and technical nuances of traffic noise modeling using the Federal Highway Administration's (FHWA) TNM 2.5 software. She utilizes her GIS expertise to streamline this modeling process. Angela has also conducted numerous quantitative air quality analyses, including both mobile source air toxics (MSAT) and carbon monoxide (CO) analysis, and additionally holds a strong understanding of air quality requirements in terms of project conformity and congestion management process. She is experienced with performing traffic noise and air quality analyses for a variety of roadway project types.

RELEVANT PROJECTS

On-Call Traffic Noise Modeling and Air Quality Reviewer, TxDOT Environmental Affairs Division, Texas

Role: On-call traffic noise modeler

Project Description: Providing support to various TxDOT Districts across the state in conducting traffic noise analyses; simultaneously serves as the contract on-call Air Quality Reviewer, and reliably supports this division by performing reviews of air quality models and documents from across the state; to date, she has completed close to 100 air quality reviews for TxDOT

Activities Performed: From large highway systems to small county roads, she has performed dozens of noise analyses with varying scope and results

Project Relevance: Environmental documents; infrastructure planning; transportation improvement project; transportation planning

183 North Mobility Project, EA, Central Texas Regional Mobility Authority/TxDOT Austin District, Williamson and Travis Counties, Texas

Role: GIS Lead

Project Description: Environmental Assessment for a project to construct improvements to US 183 between the RM 620/SH 45 North interchange and MoPac; traffic noise analysis resulted in multiple noise impacts, but no proposed abatement measures were determined to be feasible and reasonable in the corridor; both the CO and MSAT quantitative analyses concluded that no air quality impacts were to be expected

Activities Performed: Gathered, created, and maintained all project-level GIS data and created figures for tech reports and public meetings; manipulated roadway design files and LiDAR in GIS to create the geometry and elevation input for the Traffic Noise Model (TNM 2.5) and conducted the noise analysis; using CALINE3 and GIS, completed the CO analysis and calculated the MSAT emissions based on the modeled traffic volumes

Project Relevance: Central Texas project; environmental documents; infrastructure planning; transportation improvement project; transportation planning; Williamson County project (location)

GILLMEISTER (CONT.)

Brushy Creek MUD GIS Support Services, Brushy Creek MUD, Texas
Role: On-call GIS support services

Project Description: Supports the Brushy Creek Municipal District (BCMUD) with on-call GIS support services

Activities Performed: Implementation of ArcGIS Online for the organization and the development of web applications to assist with internal asset management and the coordination of assets with land developers and proposed infrastructure projects

Project Relevance: Environmental documents; infrastructure planning; transportation improvement project; transportation planning

IH 45 North Houston Highway Improvement Project, DEIS, TxDOT Houston District, Harris County, Texas
Role: GIS Analyst

Project Description: Historical studies survey to identify NRHP-eligible resources that would potentially be impacted by any of the project alternatives of the project

Activities Performed: Maintained and created the multiple iterations of GIS files of proposed ROW for each segment and alternative and worked with the architectural historians to collect and manage field-identified resources by using ArcGIS Online; performed a proximity analysis to determine those resources that would be potentially affected by the alternatives, and ultimately created a map book showing all identified resources in comparison to each segment and alternative

Project Relevance: Environmental documents; infrastructure planning; transportation improvement project; transportation planning

US 281 over South Canadian River, Viewshed Analysis and Reconnaissance Study, Oklahoma Department of Transportation, Canadian, Caddo, and Blaine Counties, Oklahoma
Role: GIS Analyst

Project Description: Environmental study of three alternatives to bypass the existing US 281 over the South Canadian River, a historic portion of Route 66

Activities Performed: Conducted a GIS viewshed analysis for the project to determine the visibility of the alignment alternatives from the historic Bridgeport Bridge. She also gathered and created all GIS data necessary for a comprehensive map detailing the environmental constraints within the project study area for the reconnaissance study

Project Relevance: Environmental documents; infrastructure planning; transportation improvement project; transportation planning

US 290 Reevaluation, Traffic Noise Analysis, TxDOT Houston District, Harris County, Texas
Role: GIS Analyst

Project Description: An interim design change of the US 290 project triggered the need for a reevaluation of the previous noise analysis

Activities Performed: Researched updated land use areas and manipulated all design files in GIS to create the geometry input for the Traffic Noise Model (TNM 2.5); input the elevation, traffic, and

GILLMEISTER (CONT.)

other parameters to conduct the noise analysis and propose noise barriers for abatement at affected locations of the project

Project Relevance: Environmental documents; infrastructure planning; transportation improvement project; transportation planning

SH 45SW, State EIS, TxDOT Austin District, Travis and Hays Counties, Texas
Role: GIS Analyst

Project Description: New location project to construct a 4-lane divided toll road from MoPac to FM 1626 in Travis and Hays Counties

Activities Performed: Mapping support and technical preparation of the FEIS for this state and locally funded project

Project Relevance: Central Texas project; environmental documents; infrastructure planning; transportation improvement project; transportation planning

ODOT Archeological GIS Database, ODOT Department of Transportation
Role: Lead GIS Analyst

Project Description: Paper to digital conversion for all statewide archeological sites located within ODOT's right-of-way; hard copy paper maps are georeferenced into ArcGIS and the site boundary is captured in a shapefile and joined with the data from a digital site form to create a comprehensive archeological sites GIS layer; this layer can be used to identify recorded archeological sites for future projects

Activities Performed: Managing the timeline of completion and QA/QC of the data

Project Relevance: Environmental documents; infrastructure planning; transportation improvement project; transportation planning



1 YEARS OF EXPERIENCE

CHELSEA MILLER

HAZARDOUS MATERIALS

Education

Master of Science, Biology, Texas State University, 2017

Bachelor of Science, Botany, Systematics and Ecology, Boise State University, 2014

Chelsea is an environmental specialist with one year of professional experience. She has experience with various environmental tasks including Phase I Environmental Site Assessments, Environmental Information Documents, and Biological Evaluations. She has supported a wide range of project types from water and wastewater to roadway projects.

RELEVANT PROJECTS

BPC Basin Planning Project, SAWS, Bexar County, Texas

Role: Environmental Specialist

Project Description: Basin planning consulting for the east, west and central basins

Activities Performed: Coordination with archeological subconsultant, performing hazardous materials assessments, including Phase I ESAs, wetland delineations, threatened and endangered species assessments, and supporting karst zone impact assessments

Project Relevance: Central Texas project; environmental documents; infrastructure planning

Martinez IV Wastewater Treatment Plant, Collection Line, and Lift Station, SARA, Bexar County, Texas

Role: Environmental Specialist

Project Description: Proposed wastewater treatment plant, collection line, and lift station project; construction was partially funded through the use of TWDB grant funds

Activities Performed: Prepared the Environmental Information Document (EID), which included developing a project description, alternative analysis, purpose/need, socioeconomic analysis, hazardous material risk analysis, biological, and water resources impacts; supported coordination and public outreach/involvement efforts for the project

Project Relevance: Central Texas project; environmental documents; infrastructure planning; stakeholder coordination

Blanco Road (West Oak Estates Drive to Borgfeld Drive), Alamo RMA, Bexar County, Texas

Role: Environmental Specialist

Project Description: Construction of a proposed 3.6-mile widening of Blanco Road from 2 to 4 lanes, including a raised median and sidewalks

Activities Performed: Prepared the Biological Evaluation and Tier I Assessment, Water Resources Technical Report, Hazardous Materials ISA, Air Quality Technical Report, and Traffic Noise Technical Reports; assisted and prepared public outreach and involvement materials for the project including a public meeting

MILLER (CONT.)

Project Relevance: Central Texas project; environmental documents; infrastructure planning; stakeholder coordination; transportation improvement project; transportation planning

Salitrillo Wastewater Treatment Plant Expansion, SARA, Bexar County, Texas
Role: Environmental Specialist

Project Description: Proposed wastewater treatment plant expansion; construction was partially funded through the use of TWDB grant funds

Activities Performed: Performed field work for and prepared the Environmental Information Document (EID), which included developing a project description, alternative analysis, purpose/need, socioeconomic analysis, hazardous material risk analysis, biological, and water resources impacts; supported coordination and public outreach/involvement efforts for the project

Project Relevance: Central Texas project; environmental documents; infrastructure planning; stakeholder coordination



40 YEARS OF EXPERIENCE

License and Certifications

Registered Professional Land Surveyor – Texas #5004

40 hour HAZWOPER 29CFR 1910.120 Certified

TxDOT Precertification Categories: 15.1.1, 15.2.1, 15.2.2, 15.3.5

Dan has been surveying for 40 years, from field work to surveying management. He coordinates projects to meet client needs and delivers accurate results on time and within budget. Dan has completed an array of projects including roadways, alignments, topography, property boundaries, easements, design, and construction staking and is proficient in all aspects of survey procedures.

With his experience as a crew chief, technician, and survey intern, Dan uses his expertise to provide accurate deliverables on every project. His utilization of survey technologies including the latest GPS equipment, digital leveling, electronic theodolites, and data collectors enables him to produce a professional and cost-effective product.

DAN FLAHERTY, RPLS

SURVEY

RELEVANT PROJECTS

Talley Road II, Wiseman Blvd to Tamaron Pass, Bexar County Public Works Department, San Antonio, Texas

Role: Project Surveyor

Project Description: Detailed 3D topographic design survey of the 2.1-mile-long continuation of Talley I; Primary control was used from Talley I to establish control for this segment; secondary control was established as needed; a benchmark system was established within the project limits with differential level lines utilized to establish the elevation of each benchmark

Activities Performed: Topographic data collected included edge of pavement, curbs, gutters, culverts, driveways, visible utilities, drainage features, trees 6-inches or larger, and any other visible improvements within the defined area; creek cross-sections were also obtained at specified locations; right-of-way (ROW) determination survey was performed to obtain all deeds and plats along the proposed project, locate existing property corners and determine the existing boundary or ROW lines

Project Relevance: Access planning; Central Texas project; infrastructure planning; new location facility; performing a tree survey; roadway extension; ROW determination; transportation planning

Brushy Creek Regional Utility Authority, Cedar Park, Texas

Role: Project Manager

Project Description: Detailed boundary, topographic and tree survey of the proposed 39.255-acre water treatment plant site

Activities Performed: Platting the site as well as easement parcel descriptions and exhibits for this project; established horizontal and vertical control points on State Plane Coordinate System based on multiple City of Cedar Park monuments utilizing our GPS equipment

Project Relevance: Central Texas project; infrastructure planning; Williamson County project (location)

FLAHERTY (CONT.)

City of Round Rock Wastewater Collection System Rehabilitation, Round Rock, Texas
Role: Survey Project Manager

Project Description: Horizontal & vertical surveying of 25,500 linear feet of wastewater lines and 187 repair points in 14 different basins

Activities Performed: Preparing and staking five easement parcels for acquisition; projects were performed using GPS equipment and total stations with data collectors; horizontal and vertical datum was geo-referenced and projected to City of Round Rock datum

Project Relevance: Central Texas project; infrastructure planning; Williamson County project (location)

Anderson Mill Road Improvements (Cypress Creek to Zeppelin Drive and Lime Creek Road to FM 1431), City of Cedar Park, Texas
Role: Surveyor

Project Description: Detailed 3D topographic surveys for over 3 miles along Anderson Mill Road; data collected included curbs, gutters, culverts, driveways, portions of parking areas, visible utilities, drainage features, striping, trees 6-inches or larger, and any other visible improvements within the defined area; a 1-foot contour interval Digital Terrain Model (DTM) was generated; deliverables included a Microstation 2D, 3D, TIN, DAT, and ASCII point file; right-of-way (ROW) determination survey was performed to obtain all deeds and plats along the proposed project, locate existing property corners and determine the existing boundaries or ROW lines

Activities Performed: Utilized the City of Cedar Park primary control monuments in the immediate vicinity of the project for the design and right-of-way survey; secondary control was established as necessary; a benchmark system was established within the project limits with differential level lines utilized to establish the elevation of each benchmark

Project Relevance: Access planning; Central Texas project; infrastructure planning; performing a tree survey; ROW determination; transportation planning; Williamson County project (location)

ABIA Drainage Easement (6001.103), Austin, Texas
Role: Survey Project Manager

Project Description: Drainage easement

Activities Performed: Data research, topographic survey with 100-foot intervals and grade breaks, locate all hardwood trees 8-inches in diameter or greater, and provide two drainage easement exhibits and legal descriptions for determined alignment

Project Relevance: Central Texas project; infrastructure planning; performing a tree survey; ROW determination; transportation planning; Williamson County project (location)

Veterans Park, City of Austin, Texas
Role: Survey Project Manager

Project Description: Partial boundary, topographic, and tree survey at 2200 Veterans Drive; partial boundary verification was based on the limits of the survey provided by PARD which contained approximately 2.0 acres; tasks included reviewing and plotting pertinent ownership, right-of-way and easement information, and a topographic survey of the project site with 1-foot contours; survey included driveways, fences, signs, flow lines and visible utilities on the subject tract and along its

FLAHERTY (CONT.)

perimeter; trees were also located per City of Austin standards

Activities Performed: Oversaw field crews, coordinated with consultants, and provided quality control services for the deliverables

Project Relevance: Central Texas project; infrastructure planning; performing a tree survey; ROW determination

Colony District Park, City of Austin, Texas
Role: Project Manager

Project Description: Topographic and tree survey of the existing open park land known as Colony District Park; survey included elevations across the site adequate to develop 1-foot contours and to identify changes in grade; included driveways, fences, signs, flow lines, buildings, and visibility utilities; hardwood trees having a main truck of 4-inch diameter were located, tagged, and identified per City of Austin standards; mesquite and juniper were identified only if larger than 8 inches in diameter

Activities Performed: Oversaw field crews, coordinated with consultants, topographic and tree survey, and provided quality control services for the deliverables

Project Relevance: Central Texas project; infrastructure planning; performing a tree survey; ROW determination

Chisholm Trail Road Improvement Project from Wolle Lane to IH 35 Southbound Frontage Road, City of Round Rock, Texas
Role: Survey Project Manager

Project Description: Right-of-way (ROW) survey, cross-sections, and detailed topographic survey of Chisholm Trail Road for approximately 3,800 LF

Activities Performed: Completed the preparation of parcel descriptions and exhibits for two ROW acquisition tracts and two utility easements, and the establishment of horizontal and vertical control points on State Plane Coordinate System based on City of Round Rock monuments utilizing GPS and conventional equipment

Project Relevance: Central Texas project; infrastructure planning; ROW determination; transportation improvement project; Williamson County project (location)

Gattis School Road Turn Lanes Project from 200 feet east of Via Sonoma to 2600 feet west of Via Sonoma, City of Round Rock, Texas
Role: Survey Project Manager

Project Description: Right-of-way survey, cross-sections and detailed topographic survey of Gattis School Road for approximately 2,800 LF

Activities Performed: Established horizontal and vertical control points on State Plane Coordinate System based on City of Round Rock monuments utilizing GPS and conventional equipment

Project Relevance: Central Texas project; ROW determination; transportation improvement project; Williamson County project (location)

FLAHERTY (CONT.)

Thorpe Lane Intersections Improvements, City of San Marcos, Texas
Role: Survey Project Manager

Project Description: Right-of-way survey, cross-sections, detailed topographic survey and SUE of Thorpe Lane Intersections Improvements located at RM 12, Robbie Lane, and Springtown Way; right-of-way parcels for acquisition, driveway easements and construction easements were prepared, and Level B SUE services were provided

Activities Performed: Established horizontal and vertical control points utilizing GPS and conventional equipment

Project Relevance: Central Texas project; ROW determination; transportation improvement project; Williamson County project (location)



5 YEARS OF EXPERIENCE

License and Certifications

Registered Professional Land Surveyor – Texas #5589

TxDOT Precertification Categories: 15.1.1, 15.2.1, 15.2.2, 15.3.35

With 25 years of experience, Margie is well versed in all aspects of land surveying. Margaret communicates effectively with clients, subconsultants, and team members to ensure project goals are realized. She is highly skilled in cost estimating prospective projects, and monitors those budgets through the course of a project.

Margie has experience as a crew chief, survey technician, survey intern, and survey manager, and is knowledgeable of survey workflow, from field data collection and processing data to producing accurate design topographic and land title surveys.

MARGARET "MARGIE" NOLEN, RPLS

RIGHT-OF-WAY ENGINEER

RELEVANT PROJECTS

Vista Ridge Regional Water Supply Project, Central Texas

Role: Survey Manager

Project Description: Survey along a corridor crossing numerous parcels of land performing boundary surveys to establish a Private Utility Easement along with a Temporary Construction Easement (TCE), plus 4 Land Title Surveys; all work performed was coordinated with State, Local, and County officials and each private landowner with respect to their individual concerns

Activities Performed: Verification of GPS Control and Aerial Ground Control Points crossing 3 counties (Lee, Bastrop, and Caldwell); researched current vesting deed on each parcel in coordination with an Abstractor and Title Firm; all existing easements were reviewed to determine if they affected the subject tract; topographic surveys performed in heavily wooded areas, creeks, highway crossings and 300-foot-wide area crossing the Colorado River in accordance with Texas General Land Office (GLO) standards

Project Relevance: Central Texas project; infrastructure planning; meetings with public and property holders; ROW determination

Williamson County/City of Cedar Park, Texas Lakeline Boulevard Extension, Cedar Park, Texas

Role: Survey Project Manager

Project Description: Topographic and tree survey for the approximate 3-mile extension of Lakeline Boulevard from Crystal Falls Parkway to RM 2243 in Williamson County

Activities Performed: Provided metes and bounds descriptions with sketches for right-of-way acquisition of the new right-of-way

Project Relevance: Central Texas project; infrastructure planning; performing a tree survey; roadway extension; Williamson County project (location)

City of Cedar Park, Texas GPS Control, Cedar Park, Texas

Role: Survey Project Manager

Project Description: Establishing 30 horizontal and vertical control points for the City of Cedar Park

NOLEN (CONT.)

Activities Performed: Processed the field data utilizing Trimble Geomatics Office and StarNet adjustment program to compute Texas State Plane Central coordinates of all of the newly established control points

Project Relevance: Central Texas project; infrastructure planning; Williamson County project (location)

Sanborn Mapping Services, Texas GPS Control, Central Texas
Role: Survey Project Manager

Project Description: GPS-derived aerial ground control for CAPCOG orthophoto and LIDAR aerial projects throughout Central Texas

Activities Performed: Control points were observed in the field using four field crews operating Trimble 4000ssi GPS receivers; field crews prepared GPS occupation sheets and sketches for each survey control point; post-processing and final adjustments were performed using Trimble Geomatics Office and StarNet software; ArcMap was used to manage the NGS control data sheets, panel configuration, photo ID images, and field logistics through the production of GIS navigational and panel placement map products, all of which were an integral part of defining and locating the survey control points; final survey report included GPS session planning worksheets, GPS occupation sheets and sketches, GPS loop closures, NGS data sheets, adjustment reports and final coordinate values

Project Relevance: Central Texas project; infrastructure planning submitted a Pre-Construction Notification to the Army Corps of Engineers, which was then accepted with no comments;



5 YEARS OF EXPERIENCE

MELISSA CROSS

BIOLOGIST

Education

Master of Science, Forest Economics, Stephen F. Austin State University

Bachelor of Science, Forest Wildlife Management, Stephen F. Austin State University

License and Certifications

TxDOT Precertification Categories: 2.3.1, 2.3.2, 2.4.1, 2.4.2, 2.6.2

Melissa has five years of experience in the environmental field. She has experience collecting remote biological data, with an emphasis on wildlife and habitat assessment in Texas forests and the Intermountain West cold desert regions. She has prepared wetland delineation reports, biological evaluations, and helped clients maintain regulatory compliance with federal agencies. Melissa has also prepared documentation for various projects including Phase I Environmental Site Assessments (ESA), hazardous materials technical reports, habitat assessments, jurisdictional determinations, wetland delineations, and USACE 404 Permits.

RELEVANT PROJECTS

Corridor F/US 183 Hazardous Materials Existing Conditions Report, Williamson County, Texas

Role: Biologist

Project Description: The project involved evaluating the hazardous material existing conditions, and included a site reconnaissance

Activities Performed: A Hazardous Materials Technical Report was produced for the County to summarize all potentially impactful hazardous conditions along the 13-mile corridor

Project Relevance: Central Texas project; County project; environmental assessment for transportation improvements; environmental documents; transportation planning; Williamson County project (owner)

Kenney Fort Boulevard Hazardous Materials and Biological Assessment, City of Round Rock, Williamson County, Texas

Role: Biologist

Project Description: The project involved field reconnaissance to evaluate potential hazardous materials, jurisdictional water determinations, and species habitat determinations; technical reports were produced for water resources, threatened and endangered species (T&E), species habitat, and hazardous materials

Activities Performed: Responsible for the preparation of biological and hazardous materials technical documents

Project Relevance: Central Texas project; environmental assessment for transportation improvements; environmental documents; transportation planning; Williamson County project (location)

FM 2854 Delineation and Biological Assessment, TxDOT Houston District, Montgomery County, Texas

Role: Biologist

Project Description: Evaluating the impacts of a redesigned right-of-way including jurisdictional waters determinations and biological assessments

Activities Performed: Successfully prepared and submitted a Pre-Construction Notification to the Army Corps of Engineers, which was then accepted with no comments;

CROSS (CONT.)

project involved the preparation of biological reports and BEF/TIER I forms which were also approved

Project Relevance: Coordination with federal agencies; environmental assessment for transportation improvements; infrastructure planning; transportation planning

SH 205 from US 80 to SH 78 Biological Assessment, Rockwall and Terrell Counties, Texas
Role: Biologist

Project Description: Prepare biological documents for environmental clearance of project

Activities Performed: Background investigations and field reconnaissance, and assisting with community impacts data collection

Project Relevance: Environmental assessment for transportation improvements; infrastructure planning; transportation planning



15 YEARS OF EXPERIENCE

HARDIK SHAH, PE, PTOE

TRAFFIC STUDIES

Education

Master of Science, Civil Engineering – Transportation Engineering, Purdue University, 2005

Master of Science, Civil Engineering – Construction Materials, Purdue University, 2004

License and Certifications

Professional Engineer – Texas, #130967 +4 additional states

Professional Traffic Operations Engineer

TxDOT Precertification Sequence #23336

TxDOT Precertification Categories: 7.1.1, 7.3.1, 8.6.1

Hardik is a well-rounded expert in the area of traffic/transportation engineering, an outside-the-box thinker for innovative and value engineering solutions with 15 years of professional experience in the industry. Hardik has worked on over 150 transportation projects providing his technical expertise for transportation projects across the country.

RELEVANT PROJECTS

Michigan Boulevard, Michigan City, Indiana

Role: Traffic Engineer

Project Description: Rehabilitation and widening of existing roadway including drainage improvements

Activities Performed: Developed maintenance-of-traffic plan that accommodated regional train traffic and kept roadway open during construction

Project Relevance: Widening of existing roadway; roadway with rail crossing

Veterans Memorial Parkway, Lafayette, Indiana

Role: Traffic Engineer

Project Description: Widen 1.7 miles of the corridor, from 2 lanes to 4 lanes; add left-turn lanes at major intersections; add a 10-foot-wide multi-use pedestrian and bicycle path; add street and path lighting to the corridor

Activities Performed: Analysis of roadway/rail interaction

Project Relevance: Widening of existing roadway; roadway with rail crossing

Ohio River Bridges East End Crossing P3 Design-Build, Utica, Indiana

Role: Traffic Engineer

Project Description: Complex bridge and roadway system that includes one multi-lane roundabout located adjacent to an at-grade railroad crossing. To ensure motorist safety and maintain some level of mobility during “gate down” events, Hardik and members of American Structurepoint team developed a unique design for the roundabout and associated traffic control devices to preempt traffic flow across the track as a train approaches. This innovative method of controlling traffic is the first of its kind in the US.

Activities Performed: Traffic operations analysis; a transportation management plan for construction; complex interchange analysis; signal preemption; ramp metering signal design; value engineering that resulted in approximately $10 million in cost savings on the project

Project Relevance: Roadway with rail crossing

SHAH (CONT.)

Ronald Reagan Parkway from I-74 to I-65, Brownsburg, Indiana
Role: Traffic Engineer

Project Description: New 9.8-mile roadway including railroad crossing, five bridge/culvert structures, and several at-grade intersections

Activities Performed: Analysis of roadway/rail interaction

Project Relevance: Roadway with rail crossing preliminary cost estimate; intersection improvements

Park East Access Study, Lafayette, Indiana
Role: Traffic Engineer

Project Description: Study to provide access to future development surrounding Park East Boulevard

Activities Performed: Developed conceptual thoroughfare plan for the area and an interchange feasibility study at I-65 & McCarty.

Project Relevance: Corridor study; access planning

East Access Road, Westfield, Indiana
Role: Traffic Engineer

Project Description: Construction plans for a new 3-lane roadway alignment from Greyhound Pass to a new 2-lane roundabout at 151st Street. Includes a multi-use path, curb and gutter, storm sewer, asphalt pavement, roundabout landscaping, modular block retaining wall, and resurfacing along 151st Street.

Activities Performed: Developed traffic control phasing to maintain traffic, provide truck access to businesses, and utility relocation at 151st Street.

Project Relevance: New location; traffic control; intersection improvements

SR 37 Corridor Improvements, Fishers, Indiana
Role: Lead Traffic Engineer

Project Description: Design and engineering services to convert SR 37 from signalized intersections to a separated-grade facility. Traffic signals will be removed and replaced with roundabout interchanges. The roundabout interchanges will include sidewalks and crosswalks to allow for pedestrian and bicyclist traffic. SR 37 will be depressed to allow the local cross streets to remain near existing grade.

Activities Performed: Led and managed all traffic engineering tasks; facilitated coordination between multiple local municipalities, county government and state DOT

Project Relevance: Intersection improvements; complete streets

Keystone Parkway Corridor, Carmel, Indiana
Role: Lead Traffic Engineer

Project Description: Fast-track design of a 4-lane expressway, including grade-separated, full-access, roundabout interchanges at six existing intersections. Planning portion of the project evaluated the feasibility of lowering portions of existing Keystone Avenue and determined the effects the project would have on adjacent properties. Evaluated the use of modern roundabouts in various

SHAH (CONT.)

configurations for the interchanges in lieu of tight diamonds or single-point interchanges. Conducted a corridor operations analysis for this corridor. Traffic counts were conducted at each of the study intersections, and 48-hour pneumatic tube counts were performed on the project links to aid in the development of a traffic-forecasting model for the entire corridor. Traffic volume matrix developed for the entire corridor were used as the basis to come up with appropriate capacity recommendations for all the roundabout interchanges. A traffic simulation model was prepared for the entire corridor for public outreach and getting the community familiarized with the unique plan prior to construction. American Structurepoint integrated the traffic simulations into 3D renderings, developing a realistic video to show to the public and to illustrate how well the new interchanges would look, blend into their surroundings, and operate once installed physically. A unique maintenance-of-traffic plan utilizing partially completed ramp systems and a large temporary retaining wall helped keep four lanes of Keystone Avenue open to traffic throughout the entire construction despite having excavations in excess of 20 feet.

Activities Performed: Corridor traffic modeling including traffic data collection, traffic forecasting, and preparation of traffic simulation model

Project Relevance: Roadway planning; roadway design; intersection improvements; corridor improvements; suburban location

Hunt Road and Plainfield Road Safety Study/Roundabout Design, Blue Ash, Ohio
Role: Traffic Engineer

Project Description: Studies to identify and evaluate potential countermeasures on corridor plagued by congestion and safety issues; crash evaluations, benefit/cost analysis, traffic operations, RSA, interchange operations study; alternatives analysis report identifying the preferred alternative for implementing the recommendations of the safety and traffic studies; assistance obtaining federal funding

Activities Performed: Traffic study of corridor; safety study which included a road safety audit; lead for alternatives analysis report

Project Relevance: Roadway planning; roadway design; innovative intersection design; upgrades to existing roadway



27 YEARS OF EXPERIENCE

JOHN CONQUEST, PE, CFM

DRAINAGE ENGINEER

Education

Master of Engineering, Civil/Water Resources, Texas A&M, 2000

Bachelor of Science, Agricultural/ Environmental Engineering, Texas A&M, 1993

License and Certifications

Professional Engineer, Texas, #89243 + North Carolina

Certified Floodplain Manager #3805-19N (Texas)

TxDOT Precertification Categories: 2.5.1, 4.1.1, 4.2.1, 8.5.1, 10.1.1, 10.2.1, 10.3.1, 10.5.1

John has experience and expertise in water resources engineering. His specialized expertise includes H&H modeling, hydraulic design, flood studies, FIS and map revision requests, storm drainage design, structural and nonstructural mitigation analysis, and detention/retention basin design. John has experience in the design of civil and environmental engineering projects including roadway design, site grading, drainage, utilities, and frac pond facilities. His work experience includes working with federal, state, county, city, and private clients.

RELEVANT PROJECTS

CR 412 PS&E, Williamson County, Texas

Role: Project Manager

Project Description: Schematic and PS&E for 3.4 miles of 2-lane roadway reconstruction, including ditches and replacement of all cross-drainage structures

Activities Performed: Analysis of existing cross-drainage structures and designed proposed cross-drainage structures, runoff determination, set horizontal and vertical profiles, analyzed existing and proposed conditions for cross-drainage structures, and setup plan and profile sheets

Project Relevance: Williamson County project (owner); drainage design; local soils

Chisholm Valley Storm Drain Improvements (Area 3), Round Rock, Texas

Role: Project Manager

Project Description: Previous work authorization developed flood mitigation solutions using a 2D hydraulic model to reduce local flooding within an older neighborhood constructed prior to current drainage criteria. This drainage improvement project includes design level survey, utility investigation, identification of environmental constraints, development of detailed construction plans, specification, and probable cost estimates for an improved storm drainage network. Storm drain improvements include over 2,000 lf of storm drain.

Activities Performed: 2D hydraulic modeling

Project Relevance: Williamson County project (owner); drainage design; local soils

H&H Review and Guidance, various locations, Texas

Role: Project Manager

Project Description: Providing on-call QC review and guidance of drainage analysis to an outside firm for various solar sites across the state.

Activities Performed: Services have included reviewing Hydrologic (HEC-HMS) and Hydraulic (HEC-RAS) modeling, providing guidance on appropriate parameters and impact assessment methodology.

Project Relevance: Drainage design

CONQUEST (CONT.)

New Hope Road, Cedar Park, Texas
Role: Senior Drainage Project Manager

Project Description: PS&E, along with schematics, for design of 1.21 miles of the boulevard section of New Hope Road

Activities Performed: Development of a Drainage Impact Report, design of water quality facilities and permitting with TCEQ and the City of Cedar Park. Oversaw development and implementation of drainage system and coordinating efforts with design staff and provided technical guidance to TCEQ to allow a new technology to be used in the Edwards Aquifer. By using this new technology, the design was able to save the City of Cedar Park over $1M in ROW and construction cost.

Project Relevance: Williamson County project (location); drainage design; local soils; coordination with state agencies; TCEQ coordination

Park Street at Bell Boulevard, Cedar Park, Texas
Role: Senior Engineer

Project Description: The project scope consisted of design including reconstruction and widening of Park Street in Cedar Park, Texas from Parkway Drive to Old US Highway 183. This included reconstruction of the intersection of Park Street at Bell Boulevard (US 183) and redesign of Firestone Parking Lot associated with proposed widening of roadway ROW. Design included geometric design modifications to add left turn bays along Park Street at Bell Boulevard and Old US Highway 183, closed-system drainage design, pedestrian ramps and sidewalks, traffic signal design, erosion control plans, and signing and striping plans. Project included the design of specialized, Stormceptor chamber technology to meet local water quality requirements. Project also required extensive coordination with TxDOT for roadway design and construction within state ROW limits of Bell Boulevard (US 183).

Activities Performed: Overseeing design changes to existing storm sewer system, preparation of TCEQ Edwards Aquifer Permit and proposed parking lot regrading

Project Relevance: Williamson County project (location); drainage design; coordination with state agencies; TCEQ coordination; TxDOT coordination

Pflugerville 2019 Transportation Bond Projects, Pflugerville, Texas
Role: Senior Drainage Design Engineer

Project Description: The project consists of design of three roadways as part of the 2019 Pflugerville Bond Program. These three roadways are Picadilly Drive (Central Commerce to IH 35 frontage road – 3098 lf), Royston Lane (Grand Avenue Parkway to Central Commerce – 3115 lf) and Central Commerce (City limits to Picadilly Drive – 2113 lf). The scope of services includes plan and profile of the roadways, pedestrian improvements, environmental analyses, preliminary geotechnical analyses, H&H analyses, offsite and roadway storm conveyance analyses, topographical survey, and SUE. A previous phase of this project included a preliminary schematic design and BUILD application process for federal funding via TxDOT.

Activities Performed: Responsible for the preparation of a cross drainage design alternatives and drainage design memorandum

CONQUEST (CONT.)

Project Relevance: Central Texas project; coordination with federal agencies; drainage design; infrastructure planning; transportation planning; TxDOT coordination

CR 132/IH 35 Interchange Design, TxDOT, Buda, Texas
Role: Senior Drainage Design Engineer

Project Description: The project scope consisted of engineering services including schematic roadway and bridge design and detailed PS&E for construction of new overpass, grade separation and other improvements to County Road 132 interchange at IH 35. Interchange included a 2,000-sf urban arterial, a 6,000-lf frontage road, a 22,000-sf bridge, 40,000 sft of retaining walls, and four ramps. Design also incorporated SUE, stormwater drainage, striping, signalization and traffic planning/analysis, limited surveying, geotechnical, and environmental services.

Activities Performed: Prepared a drainage impact report that documented no-rise to the receiving stream; oversaw design of the drainage system elements in accordance with the drainage report

Project Relevance: Central Texas project; drainage design; schematic optimization; transportation improvement project

Gunn & Whittington Development Company, CR 132 Overpass Conceptual Study, TxDOT, Buda, Texas
Role: Senior Engineer

Project Description: This project consisted of preparing the conceptual layout for proposed overpass structure at intersection of IH 35 and CR 132. Services included layout for roadway and overpass, design of retaining walls, drainage and roadway geometry, and ROW determination. This project successfully demonstrated to TxDOT that an overpass structure was feasible at the project location.

Activities Performed: Responsible for preparing the conceptual drainage design and cost estimate of proposed culvert improvements under IH 35 and CR 132 within the FEMA Floodplain

Project Relevance: Central Texas project; drainage design; schematic optimization; transportation improvement project; TxDOT coordination

FM 3177 (Decker Lane), TxDOT, Austin, Texas
Role: Senior Drainage Design Engineer

Project Description: The project scope included design for widening of one mile of urban roadway to add two-way left-turn lane to accommodate turning traffic resulting from construction of new elementary and middle schools along route. Design also included extension of existing cross culverts and re-grading of open-ditch drainage.

Activities Performed: Responsible for oversight and review of drainage design

Project Relevance: Central Texas project; drainage design; stakeholder coordination



13 YEARS OF EXPERIENCE

AMY BENNETT, PE

DRAINAGE PLANNING SUPPORT

Education

Bachelor of Science, Civil Engineering, Florida Institute of Technology, 2007

License and Certifications

Professional Engineer, Texas, #123129
TxDOT Precertification Sequence #25868
TxDOT Precertification Categories: 2.5.1, 10.1.1, 10.2.1, 10.3.1, 18.4.1

Amy is a civil engineer with 13 years of experience in highway engineering design projects (rural and urban). Her expertise includes drainage (open and closed system) design, hydrology and hydraulics reports, HEC-RAS modeling at bridges and large culverts, utility coordination, utility engineering, utility construction management, water quality, erosion control, roadway design, and project management. Amy specializes in hydrology and hydraulics and has been the drainage task lead for multiple projects with American Structurepoint.

RELEVANT PROJECTS

Williamson County Corridor E5 Study, Williamson County, Texas

Role: Drainage Lead Engineer

Project Description: American Structurepoint is providing engineering services and planning to develop Corridor E5 from IH 35 to FM 972, also known as the Ronald Reagan Extension, in Williamson County, Texas. Our engineers will develop preliminary alignment alternatives for the E5 Corridor, conduct an alternatives analysis to identify the preferred alignment, revise the preferred alignment to address stakeholder input and environmental constraints, prepare hydrologic and hydraulic models, and then prepare a schematic that will include direct connectors at IH 35 and a fully directional interchange at the intersection with the Ronald Reagan Extension.

Activities Performed: As the lead drainage engineer, hydrologic and hydraulic design using NOAA Atlas 14; six creek crossings within FEMA Zone A and AE; determined WSEL for existing and proposed conditions, and evaluated impacts to adjacent properties upstream and downstream of new corridor.

Project Relevance: New location facility, FEMA Flood Zone AE and A; Bridges and culvert crossings; Hydraulic modeling; Williamson County Project

Williamson County CR 258 Extension (US 183 to Sunset Ridge), Williamson County, Texas

Role: Drainage Engineer

Project Description: Preliminary and final PS&E plans for a 0.5-mile extension including right- and left-turn lanes on US 183 into the new location of CR 258; services include roadway design, hydrologic and hydraulic design, survey and right-of-way mapping

Activities Performed: Hydrologic and hydraulic design

Project Relevance: Created schematic, Williamson County project; road bond financed; roadway extension on new location.

BENNETT (CONT.)

Road Bond and Pass Through Program GEC, Williamson County, Texas
Role: Lead QA/QC Reviewer for drainage and water quality plans for multiple projects throughout Williamson County

Project Description: This program managed multiple roadway improvement projects throughout the county, including added capacity and new construction projects.

Activities Performed: On the GEC team, Amy reviewed Water Pollution Abatement Plan (WPAP) plans, and Contributing Zone Plans, to ensure compliance with TCEQ requirements (RG-338). She also was drainage discipline lead reviewer for roadway projects plans and ensured compliance with Williamson County Drainage Design Criteria.

Project Relevance: Williamson County project; Edwards Aquifer Recharge Zone; TCEQ coordination

Littig Bridge Replacement, Travis County, Texas
Role: Drainage Lead Engineer

Project Description: Replacement (in a FEMA Zone X) of an existing multiple-box culvert consisting of three 10'x4' boxes with a 60-foot single-span decked slab beam superstructure; preferred design chosen after evaluation of several alternatives

Activities Performed: Performed the hydrologic and hydraulics and scour analysis; wrote the drainage report and grading plan; created the HEC-RAS model using LiDAR and survey data; added ineffective flow areas and added the existing and proposed bridge (including alternatives) to perform the analysis; used HEC-RAS to perform the scour analysis; responsible for erosion control plans and coordinated with Travis County on the erosion control phases, restoration plan, and SW3P narrative

Project Relevance: Drainage design; Hydraulic modeling; Central Texas project; transportation improvement project

Manda Carlson Bridge Replacement, Travis County, Texas
Role: Drainage Lead Engineer

Project Description: Replacement (in a FEMA Zone X) of an existing multiple-box culvert consisting of two 10'x4' boxes with a 40-foot single-span, 12" prestressed concrete slab beam superstructure

Activities Performed: Performed hydrologic and hydraulics, scour analysis; wrote the drainage report and grading plan; created the HEC-RAS model using LiDAR and survey data; added ineffective flow areas and added the existing and proposed bridge (including alternatives) to perform the analysis; used HEC-RAS to perform the scour analysis; responsible for erosion control plans and coordinated with Travis County on the erosion control phases, and restoration plan and SW3P narrative; worked with utility coordinator to avoid a conflict with overhead pole and proposed driveway culvert

Project Relevance: Drainage design; Hydraulic modeling; Central Texas project; transportation improvement project

Bitting School Road, Travis County, Texas
Role: Lead Drainage Engineer

Project Description: Existing Bridge 193 on Bitting School Road at Branch of Wilbarger Creek (FEMA Zone A), a multiple pipe culvert consisting of four 5-foot-diameter corrugated metal pipes, overtopped after relatively brief rainfall events, requiring closure of the road to local traffic; the chosen alternative

BENNETT (CONT.)

raises this low point in the road so it is slightly higher than the Wilbarger Creek Bridge; four hydraulic alternatives were evaluated to address the project objectives – the preferred alternative consists of five 12'x 12' multiple box culverts and required raising the roadway profile by approximately 4 feet to remove the low point at Bridge #193

Activities Performed: Performed the hydrologic and hydraulics; wrote the drainage report; created the HEC-RAS model using LIDAR and survey data, and adding existing and proposed designs (including alternatives) to perform the analysis; began the coordination process with the floodplain administrator to comply with Conditional Letter of Map Recognition (CLOMR) preparation

Project Relevance: FEMA Flood Zone A; Drainage design; Hydraulic modeling; Central Texas project; transportation improvement project

RM 3237 Safety Project, Hays County, Texas
Role: Lead Drainage Engineer; Deputy Project Manager

Project Description: PS&E for a cumulative 2-mile "notch and widen" project from 2-lane rural to add shoulders and turn lanes at four intersections; included environmental document, culvert extensions, culvert replacement FEMA coordination, coordination with property owners, TxDOT coordination, utility coordination, TCEQ coordination and intersection improvements; project is following LGPP guidelines. The project was within the Edwards Aquifer Recharge Zone and the Contributing Zone.

Activities Performed: Hydrologic and hydraulic design; water quality; client coordination; managing team; budget and schedule management; TCEQ coordination

Project Relevance: FEMA Flood Zone A; Edwards Aquifer Recharge Zone; TCEQ coordination; Coordination with local and state agencies; Central Texas project; transportation improvement project

Sessom Drive Intersection Improvements, San Marcos, Texas
Role: Drainage Engineer

Project Description: PS&E design for this intersection and drainage improvements project at the intersection of Academy Street and West Sessom Drive. The drainage improvements will alleviate the flooding that occurs at this intersection and adjacent private properties

Activities Performed: Drainage analysis using Atlas 14 and design; designing a water quality feature; coordinating with water and wastewater designers to ensure no conflicts with storm sewer improvements

Project Relevance: Drainage design; Central Texas project; transportation improvement project

CR 1101 Bryan District Bridge Replacement, Bryan County, Texas
Role: Drainage Engineer

Project Description: Bridge replacement project over Caney Creek Branch; proposed roadway and 95-foot bridge were realigned due to ROW issues

Activities Performed: Responsible for hydrology and hydraulic design and scour analysis using HEC-RAS and the drainage report

Project Relevance: Drainage design; Hydraulic modeling; Transportation improvement project

BENNETT (CONT.)

CR 132/IH 35 Interchange Design Services, Buda, Texas
Role: Drainage Engineer

Project Description: Engineering services for this project included schematic roadway and bridge design and detailed PS&E for the construction of a new overpass, grade separation, and other improvements to the CR 132 interchange at IH 35. The interchange included 2,000 lft of urban arterial, 6,000 lft of frontage road, a 22,000-sft bridge, 40,000 sft of retaining walls, and four ramps. The design also incorporated SUE, stormwater drainage, striping, signalization and traffic planning/analysis, limited surveying, and geotechnical and environmental services.

Activities Performed: Amy's responsibilities included performing hydrologic and hydraulic analysis. She designed a bridge class culvert to meet utility accommodation rules (UAR) that crossed an existing 4" gas line, to remain in place. She coordinated with the utility coordinator and SUE team to collect test holes to confirm the depth and verify no conflict with the proposed culvert. Due to the proximity of the gas pipeline, she added notes to the contractor to hand excavate at the location of the pipeline and the culvert to be cast-in-place only. Coordinated with a developer designing water and wastewater within the project vicinity to ensure no conflicts with proposed storm sewer.

Project Relevance: Drainage design; Hydraulic modeling; Coordination with Utility Coordinator to identify test hole of utility pipeline to avoid conflict with large drainage culvert

Evans Road, Alamo Regional Mobility Authority, Bexar County, Texas
Role: Drainage Engineer

Project Description: Schematic design for approximately 1.5-mile widening of Evans Road from existing 2-lane configuration to 4 lanes and dual turn lanes. Design included horizontal/vertical roadway geometry, grading, three culvert crossings, cross-sections, utilities, SUE, and WPAP.

Activities Performed: Calculated impervious area for existing and proposed conditions and used TCEQ TSS calculation spreadsheet to determine required load removal; evaluated preliminary locations for proposed vegetative filter strips along the project corridor

Project Relevance: TCEQ Coordination; Edwards Aquifer Recharge Zone

Texas Department of Transportation Loop 1604 at SH 151, San Antonio, Texas
Role: Drainage Engineer

Project Description: PS&E for construction of Loop 1604 at SH 151 interchange, including 5,440 feet of roadway and bridge length of 188 feet.

Activities Performed: Drainage analysis and calculations; storm drain, erosion control, and signing and striping plans; overhead sign bridge calculations

Project Relevance: Central Texas project; transportation improvement project; Drainage design



35 YEARS OF EXPERIENCE

JOSE M. SANDOVAL, PE

COST ESTIMATING LEAD

Education

Bachelor of Science in Civil Engineering, Autonomous University of Nuevo León, 1985, Monterrey, Nuevo León, México

License and Certifications

Professional Engineer, Texas, No. 90593
TxDOT Precertification, No. 11303
TxDOT Precertification Categories: 3.2.1, 4.2.1, 4.4.1, 9.1.1

José's career has focused on the development and delivery of roadway plans, delivering safe and efficient solutions for urban, suburban, and rural locations. He has experience designing solutions for projects of varying degrees of complexity, both for TxDOT and for local communities throughout the state.

RELEVANT PROJECTS

RM 3237 Safety Project, Wimberley, Texas
Role: Quality Manager

Project Description: The project was a PS&E for a cumulative 2-mile "notch and widen" project from 2-lane rural to add shoulders and turn lanes at four intersections. It included an environmental document, culvert extensions, culvert replacement, FEMA coordination, coordination with property owners, TxDOT coordination, utility coordination, TCEQ coordination and intersection improvements. The project followed LGPP guidelines. The project was within the Edwards Aquifer Recharge Zone and the Contributing Zone.

Activities Performed: 90% QA/QC

Project Relevance: Central Texas project; compliance with TxDOT standards; corridor improvement project; county project; intersection improvements; local soils

FM 907 From Bus 83 To Rancho Blanco Road, Hidalgo County, Texas
Role: Project Manager

Project Description: The project's goal was to develop alternative schematic and plans, specifications, and estimate (PS&E) documents for a major collector reconstruction from two 12-foot lanes with 2- to 8-foot shoulders to four 12-foot lanes with 16-foot two-way (continuous) left-turn lanes (TWLTL) median with curb and gutters.

This project included significant coordination with the Hidalgo County Drainage District No. 1 to secure where to outfall the project drainage outfall. This coordination led to the construction of a 1,100-foot-long Hidalgo County Drainage Ditch Alamo Drain. This project was designed using GEOPAK and MicroStation.

Activities Performed: As deputy project manager and roadway design task lead, José led the development of the alternative schematics and PS&E for this 2.4-mile-long project, with a construction cost of $7.2 million.

As the roadway task lead, José was responsible for leading the alternative route studies schematic development and detailed design of horizontal, vertical, superelevation, structure clearance, cross-sections, and plan sheets development. Right-of-way identification and acquisition was completed to accommodate pedestrian ramps design at

SANDOVAL (CONT.)

the intersections. José was also responsible for coordination with all disciplines, subconsultants, and the TxDOT project manager, including holding utility coordination meetings and sending correspondence to utility companies.

Project Relevance: Access planning; alternative analysis and schematic and was ready to move to PS&E stage; compliance with TxDOT standards; coordination with local agencies; coordination with state agencies; corridor improvement project; intersection improvements; roadway expansion; ROW determination and acquisition; schematic; schematic optimization; TxDOT coordination; utility coordination

I-35 Ramp Reversal (GAP) From SH 45N to Grand Avenue Parkway, Texas
Role: Project Manager, Roadway Task Lead

Project Description: This project involved changing the ramp configuration from a traditional diamond interchange to an X pattern to improve mobility.

This project included significant coordination with the Hidalgo County Drainage District No. 1 to secure where to outfall the project drainage outfall. This coordination led to the construction of a 1,100-foot-long Hidalgo County Drainage Ditch Alamo Drain. This project was designed using GEOPAK and MicroStation.

Activities Performed: As project manager and roadway task lead, José managed and led the PS&E development for this 2.005-mile-long project with a rough order of magnitude estimate (ROM Estimate) of $8.5 million.

As the roadway task lead, José was responsible for leading the detailed design of horizontal, vertical, superelevation, structure clearance, 3D roadway model, and plan sheets development. This project was designed using the GEOPAK and MicroStation V8i SELECTseries 4 (SS4) with OpenRoads technology. José used Bluebeam Revu software to host and manage the QC process for every submittal. This process allowed all discipline QCers, task leaders, and staff engineers (prime and subs) to interact, review their plan sheets, make comments on other disciplines plan sheets, and see comments that others were making in their plan sheets in the same Bluebeam session. This process also allows staff engineers to start addressing comments once the task leaders "Originator" accepts the comments. José made sure all QCers reviewed all disciplines' plan sheets, looked for conflicts, and that all comments were responded to and addressed. As the project manager, José developed and negotiated the scope, fee, and CPM schedule; prepared project meeting agendas, minutes, and progress reports; reviewed invoices; made project submittals; addressed review comments; and updated the project schedule. As part of the coordination with the client, José submitted weekly and monthly progress reports. These reports were beneficial in informing the client of the development and items that required attention. Coordination with all disciplines is a must; José managed the weekly call to keep the team on track.

Project Relevance: Alternative analysis and schematic and was ready to move to PS&E stage; bridges and culvert crossings; Central Texas project; compliance with TxDOT standards; coordination with local agencies; coordination with state agencies; corridor improvement project; corridor planning in an environmentally and politically sensitive area; design survey, project control, and digital terrain model (DTM) base mapping; drainage design; hydraulic modeling; infrastructure planning; interim construction of future wider corridor; intersection improvements; local soils; meetings with public

SANDOVAL (CONT.)

and property owners; reconstruction of an existing roadway; roadway expansion; roadway extension; schematic; schematic optimization; TxDOT coordination; utility coordination

I-35 and Riverside Drive, Schematic Design for Operational Improvements From South of Holly Street To North of Oltorf Street, Austin, Texas
Role: Deputy Project Manager, Roadway Task Lead

Project Description: This project involved developing a schematic design for operational improvements on an intricate 1.023-mile-long project with a rough order of magnitude estimate (ROM Estimate) of $90 million. The project operational improvements included the design of the future transportation corridor (FTC) in the median of I-35 and the following facility enhancements:

- Redesign of the vertical curve along I-35's main lanes to improve the sight distance
- Design of ramps to allow north and southbound traffic to bypass the Riverside Drive traffic signal
- Frontage roads redesign
- Replacing bridge crossings at Riverside Drive and Woodland Avenue
- Widening I-35 bridges over Lady Bird Lake to accommodate intersection bypass lanes and widened shoulders
- Reconfiguring intersection lanes at Riverside Drive and Woodland Avenue to improve bicycle and pedestrian facilities along I-35 frontage roads.

All of this was completed with minimal right-of-way impacts and accommodating room for the future transportation corridor and the wishbone ramp entrance just north of Woodland Avenue.

Activities Performed: As deputy project manager and roadway task lead, José developed and updated project progress reports and invoices; coordinated subconsultants involving survey, ITS, illumination, and geotechnical engineering; led the progress meeting and developed the critical path method (CPM) Primavera P6 schedule while assisting in managing the project. José also managed and mentored production staff/engineers through the development of the design of roadway horizontal, vertical, superelevation, and structures clearance geometry; retaining wall design; bridge layouts; traffic control plans; shared-use path; and pavement marking layouts.

Project Relevance: Access planning; bridges and culvert crossings; Central Texas project; compliance with TxDOT standards; coordinating with stakeholders on tree preservation; coordination with federal agencies; coordination with local agencies; coordination with state agencies; corridor improvement project; corridor planning in an environmentally and politically sensitive area; design survey, project control, and digital terrain model (DTM) base mapping; drainage design; Edwards Aquifer contributing zone; Edwards Aquifer Recharge Zone; environmental assessment for transportation improvements; environmental documents; evaluation of alternatives; hydraulic modeling; familiarity with GEC and County coordination and standards; infrastructure planning; interim construction of future wider corridor; intersection improvements; local soils; meetings with public and property owners; performing a tree survey; reconstruction of an existing roadway; roadway expansion; ROW determination; ROW determination and acquisition; schematic; schematic optimization; stakeholder coordination; stormwater management; traffic impact analyses for planning; transportation improvement project; transportation planning; TxDOT coordination; utility coordination

SANDOVAL (CONT.)

Loop 1604 - Interim Design From IH 35 E to FM 1976, Texas
Role: Project Manager; Roadway Task Lead

Project Description: This project consisted of designing operational improvements for the westbound frontage road and ramps and the east and westbound frontage road and ramps west of FM 1976. It also included adding one lane to the mainlines in each direction to go over Kitty Hawk Road.

The Phase 1 schematic effort developed LP 1604 as a fully controlled-access expressway from IH 35 to FM 78

Activities Performed: As project manager and roadway task lead, José managed and led development of the schematic for this 2.737-mile-long project with a rough order of magnitude estimate (ROM Estimate) of $17 million.

As the Roadway Task Lead, José was responsible for leading the detailed design of horizontal, vertical, superelevation, structure clearance, and schematic roll development. This project was designed using the GEOPAK and MicroStation V8i SELECTseries 4 (SS4) with OpenRoads technology.

As the project manager, José developed the CPM schedule; prepared project meeting agendas, minutes, progress reports, and review invoices; made project submittals; and addressed review comments.

Project Relevance: Access planning; alternative analysis and schematic and was ready to move to PS&E stage; bridges and culvert crossings; Central Texas project; compliance with TxDOT standards; coordination with local agencies; coordination with state agencies; corridor improvement project; corridor planning in an environmentally and politically sensitive area; design survey, project control, and digital terrain model (DTM) base mapping; drainage design; environmental assessment for transportation improvements; environmental documents; evaluation of alternatives; familiarity with both GEC and County coordination and standards; hydraulic modeling; infrastructure planning; interim construction of future wider corridor; intersection improvements; local soils; railroad coordination; railroad coordination (UPRR); reconstruction of an existing roadway; roadway expansion; schematic optimization; suburban location; traffic impact analyses for planning; transportation improvement project; transportation planning; TxDOT coordination; utility coordination



41 YEARS OF EXPERIENCE

MICHAEL SEXTON, PE, AICP

PLANNING

Education

Bachelor of Science, Civil Engineering, Duke University, 1979

License and Certifications

Professional Engineer, Texas, #93516 + South Carolina

American Institute of Certified Planners, #100052

TxDOT Precertification Sequence #11683

TxDOT Precertification Categories: 1.1.1, 1.2.1, 1.3.1, 1.4.1, 1.5.1, 1.6.1, 1.7.1, 1.8.1, 2.1.1, 2.2.1, 2.7.1, 2.12.1, 2.14.1, 3.2.1, 7.1.1, 7.3.1, 7.4.1, 8.1.1, 8.3.1, 9.1.1

Since 1979, Michael has directed or participated in numerous transportation planning and traffic operation studies throughout the United States and overseas. He has conducted numerous statewide planning studies to establish policies, develop planning procedures, measure highway needs, review and establish functional classification systems, and identify funding opportunities. In his career, Michael has conducted more than 15,000 miles of studies.

RELEVANT PROJECTS

I-69 Feasibility Study, Texas to Michigan

Role: Transportation Planner

Project Description: Determine the feasibility and need for an interstate facility linking the United States with Mexico and Canada; traffic forecasts were used to establish overall need, and as basic inputs into traditional benefit/cost analyses as well as economic impact estimates

Activities Performed: Traffic forecasting for the eight-state study area

Project Relevance: Access planning; coordination with federal agencies; traffic impact analyses for planning

I-69 Special Environmental Studies, Texas to Michigan

Role: Transportation Planner

Project Description: As a follow-up to the original Corridor study, this study concluded that each mode was substantially represented in the 2600-mile corridor, but that interstate highway improvements were the best way to solve existing deficiencies and provide adequate capacity for the long-range demands to move people and goods through the corridor.

Activities Performed: Refining traffic forecasts for the Corridor as a whole, and for each Section of Independent Utility; prepared an alternatives analysis of all possible modes in the eight-state study area, including barges, public transit, railroads, highways, and airports.

Project Relevance: Access planning; coordination with federal agencies; traffic impact analyses for planning

I-69 Corridor Feasibility Study, Texas

Role: Project Manager

Project Description: Corridor Feasibility Study for 150 miles of the Governor's proposed Trans-Texas Corridor along the nationally designated I-69 route; study was conducted in a "tiered" environmental and engineering process to speed the development of the most feasible and desirable alternatives; special features along the initial corridor through Kenedy, Willacy, and Cameron Counties included the King Ranch, and connections to the Mexican Border through fairly dense population centers

SEXTON (CONT.)

Activities Performed: Extensive use of a software package called "Quantm" aided planners and engineers to identify the most cost-effective and least environmentally adverse alignments

Project Relevance: Access planning; coordination with federal agencies; environmental assessment for transportation improvements; evaluation of alternatives

I-95 to Myrtle Beach Corridor Study, South Carolina
Role: Transportation Planner

Project Description: As part of national legislation, a highway corridor feasibility study was performed between I-95 near Florence to US 17 at Myrtle Beach, a distance of 70 miles. The study determined the environmental, engineering, and financial feasibility of improving travel conditions accessing the area. The alternatives in the analysis included a new, controlled access facility, an upgrade of existing highway facilities and a no-build option. A detailed public participation program was also performed in concert with the study.

Activities Performed: Developing computerized models to project and assign future year traffic volumes to the various roadway networks, analyzing alternatives, preparing socio-economic investigations, performing Benefit/Cost Analyses, and conducting accident analyses as well as developing final documents

Project Relevance: Access planning; coordination with federal agencies; traffic impact analyses for planning

Statewide Corridor Planning Studies, TxDOT
Role: Statewide Team Member

Project Description: Michael served on a team selected by TxDOT's Transportation Planning and Programming (TP&P) Division to assist them with planning for various corridors throughout the state and provide inputs into the statewide plan. Besides the traditional skills of transportation planning, environmental planning, and schematic design this team provided financial planning and public outreach capabilities to augment TP&P's existing staff. This work is accomplished on a work order basis, and the team is structured so that numerous projects can be served at the same time. The work can vary from helping TxDOT deal with everything from small "brushfires" that require rapid but short responses to major corridor studies that may take several years to complete.

Activities Performed: Transportation planning, environmental planning, schematic design; financial planning; public outreach capabilities

Project Relevance: Coordination with state agencies; new location facility; transportation planning

I-30 Corridor Study, Texas
Role: Project Manager

Project Description: Identify deficiencies and opportunities to improve safety and make travel more efficient along the 144-mile corridor; due to heavy use of this facility by trucks traveling to and from Memphis and the northeast, special emphasis was given to the examination of vertical clearances and the availability of truck facilities along the route, as well as the review of the Interstate's geometric design—including on and off-ramps

SEXTON (CONT.)

Activities Performed: Origin/Destination studies were conducted of trucking movements along the corridor in order to evaluate the benefits of constructing truck-only lanes; recommendations were developed on how to prepare the interstate for emerging Transportation System Management Operations (TSMO) by laying a spine of fiber optic cable along the entire corridor with drops for DSRC communication devices so that variable message signage could be activated as necessary along the route, and surveillance could be performed by strategically placed video cameras

Project Relevance: Coordination with state agencies; transportation planning

US 281 EIS, San Antonio, Texas
Role: Transportation Planning Manager

Project Description: 7-mile long expansion of a radial corridor

Activities Performed: Preliminary alternatives development, analysis and screening, as well as public involvement and outreach for the US 281 Environmental Impact Statement including analyses of transit, parallel highway, TSM/TDM, Growth Management, as well as various Build Alternatives on the highway itself with tolled and non-tolled strategies; analysis of traffic forecasts for alternatives considered and performance metrics for alternatives based on measures of effectiveness; development of toll collection strategies and costing of toll equipment necessary to support managed lane concepts and full tolling of the facility; coordination with VIA (transit agency) to identify and develop concepts for high occupancy vehicle lanes and special ramps serving a proposed intermodal terminal near the north end of the project; generated technical memos and alternatives analysis report as reference documents to the EIS

Project Relevance: Central Texas project; coordination with state agencies; contribution to an EIS; transportation planning

US 290 Alternatives Analysis, Austin, Texas
Role: Transportation Planner

Project Description: Alternatives analysis for highway

Activities Performed: Assisted the design team by testing a series of alternatives to determine what the best transportation investment would be in this existing highway linking the emerging suburban community of Dripping Springs with Austin; after evaluating existing traffic demands and developing traffic forecasts, Michael outlined the potential that a wide range of transportation improvements would have on existing and anticipated congestion in the corridor and ranked each in terms of both effectiveness and cost-effectiveness

Project Relevance: Central Texas project; traffic impact analyses for planning; transportation planning



24 YEARS OF EXPERIENCE

Education

Bachelor of Science, Civil Engineering, Texas A&M University, 1994

License and Certifications

Professional Engineer, Texas, #86354

Eric has 24 years of experience in the design and management of transportation and public works projects. His experience includes transportation studies, schematic design, plan preparation, and construction management for highways, municipal roadways, drainage projects, utility projects, railroads, and hike and bike trails. His design expertise includes roadway geometry, paving, storm sewers, culverts, water and wastewater pipelines, retaining walls, bridge layouts, signing and pavement markings, traffic control plans, erosion control plans, storm water pollution prevention plans, and cost estimating. His clients have included cities, counties, TxDOT, toll authorities, economic development corporations, and land developers (for public works projects).

ERIC RATZMAN, PE

PLANNING

RELEVANT PROJECTS

Harold Green Road Extension, Travis County, Texas

Role: Project Manager

Project Description: 1-mile long extension of Harold Green Road from SH 130 to Austin's Colony Boulevard; three-quarters of this new alignment was through property with a planned development; designed and evaluated four different alignment options, developed a matrix that weighed crucial project criteria; collaborated with the County to score, select and document the final alignment and developed the preliminary schematic; evaluated four different alignment options and developed a matrix consisting of seven project criteria covering economic, environmental, community/property owners, and floodplain considerations; collaborated with the County to weigh the various project criteria, then scored each alignment in the matrix which resulted in scores used to select the final alignment and document the reasoning for that selection; much of the property had either been quarried or contained dense vegetation so the alignment and profile took both conditions into consideration to minimize the amount of earthwork and tree removal/mitigation required; selected typical section consists of a new 2-lane, undivided collector roadway with on-street bike lanes and sidewalks. For the schematic stage, Halff provided roadway design, H&H analysis, and SUE services as well as overseeing environmental, surveying, and geotechnical work. The H&H analysis included 2-D modeling of Elm Creek to accurately determine the effects of Atlas 14 and the interaction between this watershed and the Colorado River watershed into which an overflow of Elm Creek flows during extreme events.

Activities Performed: Oversaw roadway design, hydrologic and hydraulic (H&H) analysis, and SUE services; oversaw environmental, surveying, and geotechnical work

Project Relevance: Access planning; Central Texas project; County project; coordination with stakeholders on tree preservation; evaluation of alternatives; local soils; new location facility; roadway extension; schematic; transportation planning

RATZMAN (CONT.)

Fallwell Lane Capital Renewal Project, Austin, Texas
Role: Senior Project Manager

Project Description: Preliminary Engineering for the complex project, which involved six city departments and various design challenges including roadway access, utility conflicts, and flood protection of critical infrastructure

Activities Performed: Managed the team to evaluate multiple alternatives and, through technical working groups, effectively communicated the alternatives and balanced the varied priorities among departments

Project Relevance: Access planning; Central Texas project; evaluation of alternatives; utility coordination

Windermere/Heatherwilde Subdivision Street Reconstruction, Pflugerville, Texas
Role: Project Manager

Project Description: Preliminary engineering design of approximately 2.7 miles of roadway reconstruction located in two single-family residential neighborhoods; reconstruction of approximately 8,500 lf of sidewalk and approximately 250 driveway approaches

Activities Performed: Worked closely with city staff and geotechnical subconsultant to develop a pavement rehabilitation that would perform well in the high shrink/swelling clays, be constructible in existing neighborhoods, and fit within the city's approved bond budget; reconstructed section consists of HMAC on top of Cement Treated Recycled Base (method ensures that residents had minimal interruption to access of their homes during construction)

Project Relevance: Central Texas project; local soils; stakeholder coordination; transportation improvement project

RM 620 Phase 2 Improvements, Wyoming Springs Drive to Deepwood Drive, Round Rock, Texas
Role: Project Manager

Project Description: Development of plans to reconstruct 0.78 mile of an existing 4-lane rural highway as a 6-lane urban facility

Activities Performed: Overseeing and managing the design team (internal staff and subconsultants); ensuring the design teams prepared PS&E to TxDOT design criteria and specifications; overseeing and obtaining environmental clearance and TxDOT review/approval of PS&E; coordinating with agencies and stakeholders including TxDOT, City of Round Rock, Round Rock ISD, property owners, Brushy Creek MUD, THC, TCEQ, and Williamson County GEC; ensuring the QA/QC process was followed, and design schedules were met

Project Relevance: Williamson County project (location); coordination with local agencies; drainage design; Edwards Aquifer contributing zone; familiarity with both GEC and County coordination and standards; TCEQ coordination; TxDOT coordination; transportation improvement project

RATZMAN (CONT.)

Helios Way and Sun Light Near Way Projects, Pflugerville, Texas
Role: Project Manager

Project Description: Preliminary design of approximately 2,200 lf of a 4-lane roadway connecting Pecan Street and the existing Helios Way; project also included expansion of Sun Light Near Way from 2 lanes to 3 lanes and preliminary layout of future Helios Way extension; design included roadway vertical and horizontal alignment, enclosed storm sewer system, and roadway cross culverts

Activities Performed: Oversaw traffic analysis, surveying and ROW parcel preparation, and the geotechnical subconsultant

Project Relevance: Access planning; Central Texas project; drainage design; local soils

FM 2439 (Hunter Road), San Marcos, Texas
Role: Project Manager

Project Description: Widening of a minor arterial road with a low water crossing that is subject to periodic flooding to a 3-lane roadway and a bridge over Purgatory Creek that allows for safe passage during the 25-year flood event

Activities Performed: Oversaw hydrologic and hydraulic modeling, roadway drainage design, erosion control plans, scour analysis, cost estimating, field surveying, ROW parcel preparation, utility coordination, subsurface utility engineering (SUE), and water quality design

Project Relevance: Bridges and culvert crossings; Central Texas project; drainage design; transportation improvement project

Heatherwilde Boulevard, Pflugerville, Texas
Role: Project Manager

Project Description: Development of construction plans, specifications and cost estimates for the reconstruction of approximately one mile of roadway from a rural 2-lane section to a 4-lane roadway consisting of a divided (MAD-4) typical section; project included paving, signing, striping, signalization, traffic control, sidewalks, drainage culverts, storm sewer, water, and sewer; design criteria were in accordance with the Engineering Design Guidelines

Activities Performed: Coordinated other services, included surveying, ROW parcel preparation, landscaping and irrigation design, SUE, and environmental; coordinated with utility companies and subconsultants

Project Relevance: Central Texas project; drainage design; transportation improvement project; utility coordination

Business 79/Second Street, Williamson County, Taylor, Texas
Role: Project Manager

Project Description: Schematic and PS&E for reconstructing Business 79, an existing 4-lane rural roadway with side ditches, to a 4-lane urban facility with curb and gutter and enclosed storm sewers from West Loop 379 to SH 95/Main Street; drainage improvements included culvert replacement, channel improvements, storm sewer systems, and temporary drainage

RATZMAN (CONT.)

Activities Performed: Oversaw design of paving, drainage, erosion control, water and wastewater replacement, signing, pavement markings, signalization, traffic control, and sidewalks

Project Relevance: Williamson County project (location); drainage design; transportation improvement project

New Meister Lane, Pflugerville, Texas
Role: Project Manager and Engineer-of-Record

Project Description: Design of a 4-lane arterial undivided roadway

Activities Performed: Designed horizontal and vertical roadway alignments roadway, drainage, erosion control and sedimentation, signing, striping, and traffic control; coordinated with the City of Pflugerville and subconsultants throughout the project

Project Relevance: Central Texas project; transportation improvement project;

Old Ranch Road 12 Bike/Pedestrian and Widening Project, San Marcos, Texas
Role: Project Manage

Project Description: Development of the PER and PS&E for full depth reconstruction of the roadway from Craddock Avenue to Hughson Drive, widening from east of Hughson to West Holland Street, drainage improvements, waterline and wastewater improvements. Drainage design included water quality features and preparation of a Contributing Zone Plan (CZP) to TCEQ for construction within the Edward's Aquifer

Activities Performed: Coordinated the project with the city, TxDOT, TCEQ, and Texas State University

Project Relevance: Alternative analysis and schematic and was ready to move to PS&E stage; Central Texas project; coordination with local agencies; coordination with state agencies; stakeholder coordination



15 YEARS OF EXPERIENCE

Education

Bachelor of Arts, Political Science, Texas State University, 2000

Will is an accomplished executive with over 15 years of public service in transportation, planning, water resources, emergency response/recovery, budgeting, and public safety. He has led project development and public involvement (PI) for one of the fastest growing counties and regions of the state.

He led the highly regarded PI process for the FM 150 corridor and RR 12 study in Hays County, and led the PI for the Hays County transportation plan and various transportation bonds. He has also been involved with PI on every type of transportation project from greenfield construction to interstate improvement projects.

Will has successfully led several public involvement campaigns that went above and beyond what is required and garnered overwhelming support.

WILL CONLEY

AGENCY COORDINATION LEAD

RELEVANT PROJECTS

Capital Area Metropolitan Planning Organization (CAMPO) Board, Central Texas

Role: Chairman, Board Member

Project Description: Partnerships were forged with government and transportation-related organizations in the state of Texas. Relationships between the Central Texas region, the local TxDOT district, TxDOT administration, and state leadership were strengthened. CAMPO worked with the Central Texas Regional Mobility Authority (CTRMA) on multiple, strategic projects - including the North Mopac managed lanes project that added one variably priced toll express lane in both directions. Relationships were formed with other planning organizations, including the Alamo Area Metropolitan Planning Organization (AAMPO). CAMPO worked with the state's transportation leadership to enhance mobility in the region. Some of the projects that were completed or started during Will's tenure on the board include:

- CAMPO's first regional bicycle/pedestrian plan was created
- A new and more inclusive public involvement plan was adopted
- The first regional incident management plan was established
- Coordinated and initiated the Capital-Alamo study on transportation options between Austin and San Antonio
- Began the Mokan study to reach a consensus on potential options for this vital corridor
- Started regional corridor studies
- Completed the CAMPO 2040 plan that includes all regionally significant road and transit projects in the Central Texas counties of Bastrop, Burnet, Caldwell, Hays, Williamson, and Travis that are expected to be implemented by 2040.
- Successfully led the largest project call ever for the six-county region of the MPO

Activities Performed: Board member for nine years, served as chairman for six of those years

Project Relevance: Extensive experience with Central Texas agencies, state agencies

CONLEY (CONT.)

RR 12 Corridor Preservation and Highway Improvements, Hays County, Texas
Role: Commissioner; County Regional Representative for Transportation

Project Description: $35 million corridor preservation and highway improvements

Activities Performed: Led the 13-year formal partnership with TxDOT that led to over $800 million worth of corridor preservation and state highway improvements in Hays County, including this project. Specifically, this project went through a two-year PI process, which was led by Will. Initially it was a very unpopular project proposed by the state. After the PI process, approval from local citizens in the community was over 80%. Will also negotiated many different types of advance funding agreements with the state in order to raise the necessary funding to fulfill the state and local goals that were developed through the PI process.

Project Relevance: County project; Central Texas project; transportation improvements

FM 1626 Highway Improvements, Hays County, Texas
Role: Commissioner; County Regional Representative for Transportation

Project Description: $75 million highway improvements on FM facility

Activities Performed: Led the 13-year formal partnership with TxDOT that led to over $800 million worth of corridor preservation and state highway improvements in Hays County, including this project. Specifically, Will developed and negotiated the funding plan for this project, working with the Austin district and the TxDOT administration. This project was one of the first pass-through financing projects in the state.

Project Relevance: County project; Central Texas project; transportation improvements

Highway 290 Highway Improvements, Hays County, Texas
Role: Commissioner; County Regional Representative for Transportation

Project Description: $12 million highway improvements

Activities Performed: Led the 13-year formal partnership with TxDOT that led to over $800 million worth of corridor preservation and state highway improvements in Hays County, including this project. Specifically, Will developed and negotiated the funding plan for this project, working with the Austin district and the TxDOT administration. This project was one of the first pass-through financing projects in the state.

Project Relevance: County project; Central Texas project; transportation improvements

FM 2325 Highway Improvements, Hays County, Texas
Role: Commissioner; County Regional Representative for Transportation

Project Description: $8.5 million improvements on FM facility

Activities Performed: Led the 13-year formal partnership with TxDOT that led to over $800 million worth of corridor preservation and state highway improvements in Hays County, including this project. Specifically, Will led the PI process for Hays County and TxDOT on this FM roadway. The process included navigating through many school zones and flood-prone areas, as well as environmentally sensitive challenges. Hundreds of stakeholders were involved that included two municipalities, a school district, emergency services and public safety personnel, floodplain professionals, environmental organizations, TxDOT, and many business and landowners.

CONLEY (CONT.)

Project Relevance: County project; Central Texas project; transportation improvements

Winters Mill Parkway Greenfield Construction, Hays County, Texas
Role: Commissioner; County Regional Representative for Transportation

Project Description: $15 million greenfield project development

Activities Performed: Coordinated with the Austin district on two different state intersection improvements where Winters Mill Parkway intersected with the state system. Led process with US Fish and Wildlife to mitigate for endangered species that were present and developed a grade-separated hike and bike trail, along with 4 mile, 300 feet of corridor preservation.

Project Relevance: County project; Central Texas project; transportation improvements

Overpasses and Highway Improvements to I-35, Hays County, Texas
Role: Commissioner; County Regional Representative for Transportation

Project Description: $50 million in overpasses and highway improvements to I-35

Activities Performed: Led the 13-year formal partnership with TxDOT that led to over $800 million worth of corridor preservation and state highway improvements in Hays County, including this project

Project Relevance: County project; Central Texas project; transportation improvements

FM 150 Transportation Plan, Hays County, Texas
Role: Commissioner; County Regional Representative for Transportation

Project Description: County transportation plan

Activities Performed: Created and led efforts on the state/county FM 150 corridor project. This included developing corridor preservation plans that protected a 15 mile, 300 foot corridor along FM 150. This took an extensive PI process that became a model for many jurisdictions in central Texas that had similar situations of growing transportation demands in scenic, environmentally sensitive, rural and active areas of our state.

Project Relevance: County project; Central Texas project

RR 12 Transportation Plan, Hays County, Texas
Role: Commissioner; County Regional Representative for Transportation

Project Description: County transportation plan

Activities Performed: Led stakeholders' process and context-sensitive design exercises. This took an extensive PI process that became a model for many jurisdictions in central Texas that had similar situations of growing transportation demands in scenic, environmentally sensitive, rural and active areas of our state. The initial project TxDOT proposed was highly unpopular in the local area. By the end of the PI process, there was an approval rating of over 80%.

Project Relevance: County project; Central Texas project



AMERICAN
STRUCTUREPOINT
INC.

Commissioners Court - Regular Session **42.**

Meeting Date: 03/16/2021

Award RFQ T1852 RM 620/SH 45 Intersection to McNeil Road HDR Engineering

Submitted For: Joy Simonton **Submitted By:** Johnny Grimaldo, Purchasing

Department: Purchasing

Agenda Category: Regular Agenda Items

Information

Agenda Item

Discuss, consider and take appropriate action on awarding RFQ T1852 RM 620/SH 45 Intersection to McNeil Road HDR Engineering to HDR Engineering, Inc. for Engineering Services and authorizing the execution of the agreement.

Background

The Purchasing Department solicited sealed statements of qualifications for Engineering Services. 18 firms participated of which 10 firms submitted responses. The responses were evaluated by an evaluation committee. The attached HDR Engineering, INC contract is to provide professional engineering services for the RM 620/SH 45 Intersection to McNeil Road project as part of the 2019 Road Bond Project P338 has been reviewed and approved for Commissioners Court consideration by the GEC Team. The maximum amount payable under this contract, without modification, is nine-hundred fifty thousand Dollars ($950,000.00).

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

Engineering Services Contract
Evaluation Sheet Redacted
Statement of Qualifications

Form Review

Inbox	Reviewed By	Date
Purchasing (Originator)	Joy Simonton	03/11/2021 09:32 AM
County Judge Exec Asst.	Andrea Schiele	03/11/2021 09:43 AM
Form Started By: Johnny Grimaldo		Started On: 03/10/2021 02:17 PM
Final Approval Date: 03/11/2021		

WILLIAMSON COUNTY
CONTRACT FOR ENGINEERING SERVICES

FIRM: **HDR Engineering, Inc._____ ("Engineer")**
ADDRESS: **710 Hesters Crossing Suite 150, Round Rock ____, Texas _78681-7838 _**
PROJECT: **RM 620/SH 45 intersection to McNeil Road [P338] ("Project")**

THE STATE OF TEXAS §
§
COUNTY OF WILLIAMSON §

THIS CONTRACT FOR ENGINEERING SERVICES ("Contract") is made and entered into, effective as the date of the last party's execution hereinbelow, by and between Williamson County, Texas, a political subdivision of the State of Texas, whose offices are located at 710 Main Street, Suite 101, Georgetown, Texas, 78626 (hereinafter referred to as "County"), and Engineer, and such Contract is for the purpose of contracting for professional engineering services.

RECITALS:

WHEREAS, V.T.C.A., Government Code §2254.002(2)(A)(vii) under Subchapter A entitled "Professional Services Procurement Act" provides for the procurement by counties of services of professional engineers; and

WHEREAS, County and Engineer desire to contract for such professional engineering services; and

WHEREAS, County and Engineer wish to document their agreement concerning the requirements and respective obligations of the parties;

NOW, THEREFORE, WITNESSETH:

That for and in consideration of the mutual promises contained herein and other good and valuable considerations, and the covenants and agreements hereinafter contained to be kept and performed by the respective parties hereto, it is agreed as follows:

ARTICLE 1
CONTRACT DOCUMENTS AND APPLICABLE PROJECT DOCUMENTS

A. Contract Documents. The Contract Documents consist of this Contract, any exhibits attached hereto (which exhibits are hereby incorporated into and made a part of this Contract), any fully executed Work Authorizations; any fully executed Supplemental Work Authorizations and all fully executed Contract Amendments (as defined herein in Article 14) which are subsequently issued. These form the entire contract, and all are as fully a part of this Contract as if attached to this Contract or repeated herein.

B. Project Documents. In addition to any other pertinent and necessary Project documents, the following documents shall be used in the development of the Project:

A. TxDOT 2011 Texas Manual of Uniform Traffic Control Devices for Streets and Highways, including latest revisions
B. Texas Department of Transportation's Standard Specifications for Construction of Highways, Streets, and Bridges, 2014 (English units)
C. National Environmental Policy Act (NEPA)
D. Texas Accessibility Standards (TAS) of the Architectural Barriers Act, Article 9102, Texas Civil Statutes, Effective March 15, 2012, including latest revisions
E. Americans with Disabilities Act (ADA) Regulations
F. U.S. Army Corps Regulations
G. International Building Code, current edition as updated
H. Williamson County Design Criteria & Project Development Manual, latest edition
I. Williamson County Multi-Corridor Transportation Plan Project Level Environmental Review and Compliance Protocol, latest edition
J. Williamson County Protocol for Sustainable Roadsides, latest edition

ARTICLE 2
NON-COLLUSION; DEBARMENT; AND FINANCIAL INTEREST PROHIBITED

A. Non-collusion. Engineer warrants that he/she/it has not employed or retained any company or persons, other than a bona fide employee working solely for Engineer, to solicit or secure this Contract, and that he/she/it has not paid or agreed to pay any company or engineer any fee, commission, percentage, brokerage fee, gifts, or any other consideration, contingent upon or resulting from the award or making of this Contract. For breach or violation of this warranty, County reserves and shall have the right to annul this Contract without liability or, in its discretion and at its sole election, to deduct from the contract price or compensation, or to otherwise recover, the full amount of such fee, commission, percentage, brokerage fee, gift or contingent fee.

B. Debarment Certification. Engineer must sign the Debarment Certification enclosed herewith as **Exhibit A**.

C. Financial Interest Prohibited. Engineer covenants and represents that Engineer, his/her/its officers, employees, agents, consultants and subcontractors will have no financial interest, direct or indirect, in the purchase or sale of any product, materials or equipment that will be recommended or required for the construction of the Project.

ARTICLE 3
ENGINEERING SERVICES

Engineer shall perform Engineering Services as identified in **Exhibit B** entitled "Engineering Services."

County will prepare and issue Work Authorizations, in substantially the same form identified and attached hereto as **Exhibit C** and entitled "Work Authorization No. ____", to authorize the Engineer to perform one or more tasks of the Engineering Services. Each Work Authorization will include a description of the work to be performed, a description of the tasks and milestones, a work schedule for the tasks, definite review times by County and Engineer of all Engineering Services and a fee amount agreed upon by the County and Engineer. The amount payable for a Work Authorization shall be supported by the estimated cost of each work task as described in the Work Authorization. The Work Authorization will not waive the Engineer's responsibilities and obligations established in this Contract. The executed Work Authorizations shall become part of this Contract.

All work must be completed on or before the date specified in the Work Authorization. The Engineer shall promptly notify the County of any event which will affect completion of the Work Authorization, although such notification shall not relieve the Engineer from costs or liabilities resulting from delays in completion of the Work Authorization. Should the review times or Engineering Services take longer than shown on the Work Authorization, through no fault of Engineer, Engineer may submit a timely written request for additional time, which shall be subject to the approval of the County. Any changes in a Work Authorization shall be enacted by a written Supplemental Work Authorization before additional costs may be incurred. Any Supplemental Work Authorization must be executed by both parties within the period specified in the Work Authorization.

ARTICLE 4
CONTRACT TERM

A. Term. The Engineer is expected to complete the Engineering Services described herein in accordance with the above described Work Authorizations or any Supplemental Work Authorization related thereto. If Engineer does not perform the Engineering Services in accordance with each applicable Work Authorization or any Supplemental Work Authorization related thereto, then County shall have the right to terminate this Contract as set forth below in Article 20. So long as the County elects not to terminate this Contract, it shall continue from day to day until such time as the Engineering Services are completed in accordance with each applicable Work Authorization or any Supplemental Work Authorization related thereto. Any Engineering Services performed or costs incurred after the date of termination shall not be eligible for reimbursement. Engineer shall

notify County in writing as soon as possible if he/she/it determines, or reasonably anticipates, that the Engineering Services will not be completed in accordance with an applicable Work Authorization or any Supplemental Work Authorization related thereto.

B. Work Authorizations. Engineer acknowledges that each Work Authorization is of critical importance, and agrees to undertake all reasonably necessary efforts to expedite the performance of Engineering Services required herein so that construction of the Project will be commenced and completed as scheduled. In this regard, and subject to adjustments in a particular Work Authorization, as provided in Article 3 herein, Engineer shall proceed with sufficient qualified personnel and consultants necessary to fully and timely accomplish all Engineering Services required under this Contract in a professional manner.

C. Commencement of Engineering Services. After execution of this Contract, Engineer shall not proceed with Engineering Services until Engineer has been thoroughly briefed on the scope of the Project and has been notified in writing by the County to proceed, as provided in Article 8.

ARTICLE 5
COMPENSATION AND EXPENSES

County shall pay and Engineer agrees to accept up to the amount shown below as full compensation for the Engineering Services performed and to be performed under this Contract. The basis of compensation for the services of principals and employees engaged in the performance of the Engineering Services shall be based on the Rate Schedule set forth in the attached **Exhibit D**.

The maximum amount payable under this Contract, without modification, is **nine-hundred fifty thousand Dollars ($ 950,000.00)** (the "Compensation Cap"), provided that any amounts paid or payable shall be solely pursuant to a validly issued Work Authorization or any Supplemental Work Authorization related thereto. In no event may the aggregate amount of compensation authorized under Work Authorizations and Supplemental Work Authorizations exceed the Compensation Cap. The Compensation Cap shall be revised equitably only by written Contract Amendments executed by both parties in the event of a change the overall scope of the Engineering Services set forth in **Exhibit B**, as authorized by County.

The Compensation Cap is based upon all labor and non-labor costs estimated to be required in the performance of the Engineering Services provided for under this Contract. Should the actual costs of all labor and non-labor costs rendered under this Contract be less than the above stated Compensation Cap, then Engineer shall receive compensation for only actual fees and costs of the Engineering Services actually rendered and incurred, which may be less than the above stated Compensation Cap.

The Compensation Cap herein referenced may be adjusted for Additional Engineering Services requested and performed only if approved by a written Contract Amendment signed by both parties.

Engineer shall prepare and submit to County monthly progress reports in sufficient detail to support the progress of the Engineering Services and to support invoices requesting monthly payment. The format for such monthly progress reports and invoices must be in a format acceptable to County. Satisfactory progress of Engineering Services shall be an absolute condition of payment.

Engineer shall be reimbursed for actual non-labor and subcontract expenses incurred in the performance of the services under this Contract in accordance with the Williamson County Vendor Reimbursement Policy set forth under **Exhibit E**. Invoices requesting reimbursement for costs and expenditures related to the Project (reimbursables) must be accompanied by copies of the provider's invoice and comply with the Williamson County Vendor Reimbursement Policy. The copies of the provider's invoice must evidence the actual costs billed to Engineer without mark-up.

ARTICLE 6
METHOD OF PAYMENT

Payments to Engineer shall be made while Engineering Services are in progress. Engineer shall prepare and submit to Mike Weaver, County's Road Bond Program Manager, not more frequently than once per month, a progress report as referenced in Article 5 above. Such progress report shall state the percentage of completion of Engineering Services accomplished for an applicable Work Authorization or any Supplemental Work Authorization related thereto during that billing period and to date. This submittal shall also include a progress assessment report in a form acceptable to the County Auditor.

Simultaneous with submission of such progress report, Engineer shall prepare and submit one (1) original of a certified invoice to the County's Road Bond Program Manager in a form acceptable to the County Auditor. All invoices submitted to County must, at a minimum, be accompanied by an original complete packet of supporting documentation and time sheets detailing hours worked by staff persons with a description of the work performed by such persons. For Additional Engineering Services performed pursuant to this Contract, a separate invoice or itemization of the Additional Engineering Services must be presented with the same aforementioned requirements.

Payments shall be made by County based upon Engineering Services actually provided and performed. Upon timely receipt and approval of each statement, County shall make a good faith effort to pay the amount which is due and payable within thirty (30) days of the County Auditor's receipt. County reserves the right to reasonably withhold payment pending verification of satisfactory Engineering Services performed. Engineer has the responsibility to submit proof to County, adequate and sufficient in its determination, that tasks of an applicable Work Authorization or any Supplemental Work Authorization related thereto were completed.

The certified statements shall show the total amount earned to the date of submission and shall show the amount due and payable as of the date of the current statement. Final payment does not relieve Engineer of the responsibility of correcting any errors and/or omissions resulting from his/her/its negligence.

Upon submittal of the initial invoice, Engineer shall provide the County Auditor with an Internal Revenue Form W-9, Request for Taxpayer Identification Number and Certification that is complete in compliance with the Internal Revenue Code, its rules and regulations.

ARTICLE 7
PROMPT PAYMENT POLICY

In accordance with Chapter 2251, V.T.C.A., Texas Government Code, payment to Engineer will be made within thirty (30) days of the day on which the performance of services was complete, or within thirty (30) days of the day on which the County Auditor receives a correct invoice for services, whichever is later.

Engineer may charge a late fee (fee shall not be greater than that which is permitted by Texas law) for payments not made in accordance with this prompt payment policy; however, this policy does not apply in the event:

A. There is a bona fide dispute between County and Engineer concerning the supplies, materials, or equipment delivered or the services performed that causes the payment to be late; or

B. The terms of a federal contract, grant, regulation, or statute prevent County from making a timely payment with federal funds; or

C. There is a bona fide dispute between Engineer and a subcontractor/subconsultant or between a subcontractor/subconsultant and its supplier concerning supplies, materials, or equipment delivered or the Engineering Services performed which causes the payment to be late; or

D. The invoice is not mailed to the County's Road Bond Program Manager in strict accordance with instructions, if any, on the purchase order, or this Contract or other such contractual agreement.

The County Auditor shall document to Engineer the issues related to disputed invoices within ten (10) calendar days of receipt of such invoice. Any non-disputed invoices shall be considered correct and payable per the terms of Chapter 2251, V.T.C.A., Texas Government Code.

ARTICLE 8
COMMENCEMENT OF ENGINEERING SERVICES

The Engineer shall not proceed with any task of the Engineering Services until Engineer has been thoroughly briefed on the scope of the Project and instructed, in writing by the County, to proceed with the applicable Engineering Services. The County shall not be responsible for work performed or costs incurred by Engineer related to any task for which a Work Authorization or a Supplemental Work Authorization related thereto has not been issued and signed by both parties. Engineer shall not be required to perform any work for which a Work Authorization or a Supplemental Work Authorization related thereto has not been issued and signed by both parties.

ARTICLE 9
PROJECT TEAM

County's Designated Representative for purposes of this Contract is as follows:

County's Road Bond Program Manager
Attn: Michael Weaver
HNTB Corporation
101 E. Old Settlers Blvd., Suite 100
Round Rock, Texas 78664_

County shall have the right, from time to time, to change the County's Designated Representative by giving Engineer written notice thereof. With respect to any action, decision or determination which is to be taken or made by County under this Contract, the County's Designated Representative may take such action or make such decision or determination or shall notify Engineer in writing of an individual responsible for and capable of taking such action, decision or determination and shall forward any communications and documentation to such individual for response or action. Actions, decisions or determinations by the County's Designated Representative on behalf of County shall be done in his or her reasonable business judgment unless express standards or parameters therefor are included in this Contract, in which case, actions taken by the County's Designated Representative shall be in accordance with such express standards or parameters. Any consent, approval, decision or determination hereunder by the County's Designated Representative shall be binding on County; *provided, however,* the County's Designated Representative shall not have any right to modify, amend or terminate this Contract, an Executed Work Authorization, an executed Supplemental Work Authorization or executed Contract Amendment. County's Designated Representative shall not have any authority to execute a Contract Amendment, Work Authorization or any Supplemental Work Authorization unless otherwise granted such authority by the Williamson County Commissioners Court.

Engineer's Designated Representative for purposes of this Contract is as follows:

Felipe Tudtud, PE_____
HDR Engineering, Inc._____
710 Hesters Crossing, Suite 150___
Round Rock, Texas___ 78681-7838_

Engineer shall have the right, from time to time, to change the Engineer's Designated Representative by giving County written notice thereof. With respect to any action, decision or determination which is to be taken or made by Engineer under this Contract, the Engineer's Designated Representative may take such action or make such decision or determination or shall notify County in writing of an individual responsible for and capable of taking such action, decision or determination and shall forward any communications and documentation to such individual for response or action. Actions, decisions or determinations by the Engineer's Designated Representative on behalf of Engineer shall be done in his or her reasonable business judgment unless express standards or parameters therefor are included in this Contract, in which

case, actions taken by the Engineer's Designated Representative shall be in accordance with such express standards or parameters. Any consent, approval, decision or determination hereunder by the Engineer's Designated Representative shall be binding on Engineer. Engineer's Designated Representative shall have the right to modify, amend and execute Work Authorizations, Supplemental Work Authorizations and Contract Amendments on behalf of Engineer.

ARTICLE 10
PROGRESS EVALUATION

Engineer shall, from time to time during the progress of the Engineering Services, confer with County at County's election. Engineer shall prepare and present such information as may be pertinent and necessary, or as may be reasonably requested by County, in order for County to evaluate features of the Engineering Services. At the request of County or Engineer, conferences shall be provided at Engineer's office, the offices of County, or at other locations designated by County. When requested by County, such conferences shall also include evaluation of the Engineering Services. County may, from time to time, require Engineer to appear and provide information to the Williamson County Commissioners Court.

Should County determine that the progress in Engineering Services does not satisfy an applicable Work Authorization or any Supplemental Work Authorization related thereto, then County shall review same with Engineer to determine corrective action required.

Engineer shall promptly advise County in writing of events which have or may have a significant impact upon the progress of the Engineering Services, including but not limited to the following:

A. Problems, delays, adverse conditions which may materially affect the ability to meet the objectives of an applicable Work Authorization or any Supplemental Work Authorization related thereto, or preclude the attainment of Project Engineering Services units by established time periods; and such disclosure shall be accompanied by statement of actions taken or contemplated, and County assistance needed to resolve the situation, if any; and

B. Favorable developments or events which enable meeting goals sooner than anticipated in relation to an applicable Work Authorization's or any Supplemental Work Authorization related thereto.

ARTICLE 11
SUSPENSION

Should County desire to suspend the Engineering Services, but not to terminate this Contract, then such suspension may be effected by County giving Engineer thirty (30) calendar days' verbal notification followed by written confirmation to that effect. Such thirty-day notice may be waived in writing by agreement and signature of both parties. The Engineering Services may be reinstated and resumed in full force and effect within sixty (60) days of receipt of written notice from County to resume the Engineering Services. Such sixty-day (60) notice may be waived in writing by agreement and signature of both parties. If this Contract is suspended for more than thirty (30) days, Engineer shall have the option of terminating this Contract and, in the event, Engineer shall be compensated for all Engineering Services performed and reimbursable expenses incurred, provided such Engineering Services and reimbursable expenses have been previously authorized and approved by County, to the effective date of suspension.

If County suspends the Engineering Services, the contract period as determined in Article 4, and the Work Authorization or any Supplemental Work Authorization related thereto, shall be extended for a time period equal to the suspension period.

County assumes no liability for Engineering Services performed or costs incurred prior to the date authorized by County for Engineer to begin Engineering Services, and/or during periods when Engineering Services is suspended, and/or subsequent to the completion date.

ARTICLE 12
ADDITIONAL ENGINEERING SERVICES

If Engineer forms a reasonable opinion that any work he/she/it has been directed to perform is beyond the overall scope of this Contract, as set forth in **Exhibit B,** and as such constitutes extra work ("Additional Engineering Services"), he/she/it shall promptly notify County in writing. In the event County finds that such work does constitute Additional Engineering Services, County shall so advise Engineer and a written Contract Amendment will be executed between the parties as provided in Article 14. Any increase to the Compensation Cap due to Additional Engineering Services must be set forth in such Contract Amendment. Engineer shall not perform any proposed Additional Engineering Services nor incur any additional costs prior to the execution, by both parties, of a written Contract Amendment. Following the execution of a Contract Amendment that provides for Additional Engineering Services, a written Work Authorization, which sets forth the Additional Engineering Services to be performed, must be executed by the parties. County shall not be responsible for actions by Engineer nor for any costs incurred by Engineer relating to Additional Engineering Services not directly associated with the performance of the Engineering Services authorized in this Contract, by a fully executed Work Authorization or a fully executed Contract Amendment thereto.

ARTICLE 13
CHANGES IN COMPLETED ENGINEERING SERVICES

If County deems it necessary to request changes to previously satisfactorily completed

Engineering Services or parts thereof which involve changes to the original Engineering Services or character of Engineering Services under this Contract, then Engineer shall make such revisions as requested and as directed by County. Such revisions shall be considered as Additional Engineering Services and paid for as specified under Article 12.

Engineer shall make revisions to Engineering Services authorized hereunder as are necessary to correct errors appearing therein, when required to do so by County. No additional compensation shall be due for such Engineering Services.

ARTICLE 14
CONTRACT AMENDMENTS

The terms set out in this Contract may be modified by a written fully executed Contract Amendment. Changes and modifications to a fully executed Work Authorization shall be made in the form of a Supplemental Work Authorization. To the extent that such changes or modifications to a Work Authorization do not also require modifications to the terms of this Contract (i.e. changes to the overall scope of Engineering Services set forth in **Exhibit B**, modification of the Compensation Cap, etc.) a Contract Amendment will not be required.

ARTICLE 15
USE OF DOCUMENTS

All documents, including but not limited to drawings, specifications and data or programs stored electronically, (hereinafter referred to as "Engineering Work Products") prepared by Engineer and its subcontractors/subconsultants are related exclusively to the services described in this Contract and are intended to be used with respect to this Project. However, it is expressly understood and agreed by and between the parties hereto that all of Engineer's designs under this Contract (including but not limited to tracings, drawings, estimates, specifications, investigations, studies and other documents, completed or partially completed), shall be the property of County to be thereafter used in any lawful manner as County elects. Any such subsequent use made of documents by County shall be at County's sole risk and without liability to Engineer.

By execution of this Contract and in confirmation of the fee for services to be paid under this Contract, Engineer hereby conveys, transfers and assigns to County all rights under the Federal Copyright Act of 1976 (or any successor copyright statute), as amended, all common law copyrights and all other intellectual property rights acknowledged by law in the Project Designs and work product developed under this Contract. Copies may be retained by Engineer. Engineer shall be liable to County for any loss or damage to any such documents while they are in the possession of or while being worked upon by Engineer or anyone connected with Engineer, including agents, employees, Engineers or subcontractors/subconsultants. All documents so lost or damaged shall be replaced or restored by Engineer without cost to County.

Upon execution of this Contract, Engineer grants to County permission to reproduce Engineer's work and documents for purposes of constructing, using and maintaining the Project, provided that County shall comply with its obligations, including prompt payment of all sums when due, under this Contract. Engineer shall obtain similar permission from Engineer's

subcontractors/subconsultants consistent with this Contract. If and upon the date Engineer is adjudged in default of this Contract, County is permitted to authorize other similarly credentialed design professionals to reproduce and, where permitted by law, to make changes, corrections or additions to the work and documents for the purposes of completing, using and maintaining the Project.

County shall not assign, delegate, sublicense, pledge or otherwise transfer any permission granted herein to another party without the prior written consent of Engineer. However, County shall be permitted to authorize the contractor, subcontractors and material or equipment suppliers to reproduce applicable portions of the Engineering Work Products appropriate to and for use in the execution of the Work. Submission or distribution of Engineering Work Products to meet official regulatory requirements or for similar purposes in connection with the Project is permitted. Any unauthorized use of the Engineering Work Products shall be at County's sole risk and without liability to Engineer and its Engineers.

Prior to Engineer providing to County any Engineering Work Products in electronic form or County providing to Engineer any electronic data for incorporation into the Engineering Work Products, County and Engineer shall by separate written contract set forth the specific conditions governing the format of such Engineering Work Products or electronic data, including any special limitations not otherwise provided in this Contract. Any electronic files are provided by Engineer for the convenience of County, and use of them is at County's sole risk. In the case of any defects in electronic files or any discrepancies between them and any hardcopy of the same documents prepared by Engineer, the hardcopy shall prevail. Only printed copies of documents conveyed by Engineer shall be relied upon.

Engineer shall have no liability for changes made to the drawings by other engineers subsequent to the completion of the Project. Any such change shall be sealed by the engineer making that change and shall be appropriately marked to reflect what was changed or modified.

ARTICLE 16
PERSONNEL, EQUIPMENT AND MATERIAL

Engineer shall furnish and maintain, at its own expense, quarters for the performance of all Engineering Services, and adequate and sufficient personnel and equipment to perform the Engineering Services as required. All employees of Engineer shall have such knowledge and experience as will enable them to perform the duties assigned to them. Any employee of Engineer who, in the reasonable opinion of County, is incompetent or whose conduct becomes detrimental to the Engineering Services shall immediately be removed from association with the Project when so instructed by County. Engineer certifies that it presently has adequate qualified personnel in its employment for performance of the Engineering Services required under this Contract, or will obtain such personnel from sources other than County. Engineer may not change the Project Manager without prior written consent of County.

ARTICLE 17
SUBCONTRACTING

Engineer shall not assign, subcontract or transfer any portion of the Engineering Services under this Contract without prior written approval from County. All subcontracts shall include the provisions required in this Contract. No subcontract shall relieve Engineer of any responsibilities under this Contract.

ARTICLE 18
REVIEW OF ENGINEERING SERVICES

Engineer's Engineering Services will be reviewed by County under its applicable technical requirements and procedures.

A. Completion. Reports, plans, specifications, and supporting documents shall be submitted by Engineer on or before the dates specified in the applicable Work Authorization or Supplemental Work Authorization related thereto. Upon receipt of same, the submission shall be checked for completion. "Completion" or "Complete" shall be defined as all of the required items, as set out in the applicable Work Authorization, have been included in compliance with the requirements of this Contract. The completeness of any Engineering Services submitted to County shall be determined by County within thirty (30) days of such submittal and County shall notify Engineer in writing within such thirty (30) day period if such Engineering Services have been found to be incomplete. If the submission is Complete, County shall notify Engineer and County's technical review process will begin.

If the submission is not Complete, County shall notify Engineer, who shall perform such professional services as are required to complete the Engineering Services and resubmit it to County. This process shall be repeated until a submission is Complete.

B. Acceptance. County shall review the completed Engineering Services for compliance with this Contract. If necessary, the completed Engineering Services shall be returned to Engineer, who shall perform any required Engineering Services and resubmit it to County. This process shall be repeated until the Engineering Services are Accepted. "Acceptance" or "Accepted" shall mean that in the County's reasonable opinion, substantial compliance with the requirements of this Contract has been achieved.

C. Final Approval. After Acceptance, Engineer shall perform any required modifications, changes, alterations, corrections, redesigns, and additional work necessary to receive Final Approval by the County. "Final Approval" in this sense shall mean formal recognition that the Engineering Services have been fully carried out.

D. Errors and Omissions. After Final Approval, Engineer shall, without additional compensation, perform any work required as a result of Engineer's development of the work which is found to be in error or omission due to Engineer's negligence. However, any work required or

occasioned for the convenience of County after Final Approval shall be paid for as Additional Engineering Services.

E. Disputes Over Classifications. In the event of any dispute over the classification of Engineer's Engineering Services as Complete, Accepted, or having attained Final Approved under this Contract, the decision of the County shall be final and binding on Engineer, subject to any civil remedy or determination otherwise available to the parties and deemed appropriate by the parties.

F. County's Reliance on Engineer. ENGINEER'S DUTIES AS SET FORTH HEREIN SHALL AT NO TIME BE IN ANY WAY DIMINISHED BY REASON OF ANY REVIEW, EVALUATION OR APPROVAL BY THE COUNTY OR ITS AUTHORIZED REPRESENTATIVE NOR SHALL THE ENGINEER BE RELEASED FROM ANY LIABILITY BY REASON OF SUCH REVIEW, EVALUATION OR APPROVAL BY THE COUNTY, IT BEING UNDERSTOOD THAT THE COUNTY AT ALL TIMES IS ULTIMATELY RELYING UPON THE ENGINEER'S SKILL, ABILITY AND KNOWLEDGE IN PERFORMING THE ENGINEERING SERVICES REQUIRED HEREUNDER.

ARTICLE 19
VIOLATION OF CONTRACT TERMS/BREACH OF CONTRACT

Violation of contract terms or breach of contract by Engineer shall be grounds for termination of this Contract, and any increased costs arising from Engineer's default, breach of contract, or violation of contract terms shall be paid by Engineer.

ARTICLE 20
TERMINATION

This Contract may be terminated as set forth below.

A. By mutual agreement and consent, in writing, of both parties.

B. By County, by notice in writing to Engineer, as a consequence of failure by Engineer to perform the Engineering Services set forth herein in a satisfactory manner.

C. By either party, upon the failure of the other party to fulfill its obligations as set forth herein.

D. By County, for reasons of its own and not subject to the mutual consent of Engineer, upon not less than thirty (30) days' written notice to Engineer.

E. By satisfactory completion of all Engineering Services and obligations described herein.

Should County terminate this Contract as herein provided, no fees other than fees due and payable at the time of termination plus reimbursable expenses incurred shall thereafter be paid to Engineer. In determining the value of the Engineering Services performed by Engineer prior to termination, County shall be the sole judge. Compensation for Engineering Services at termination will be based on a percentage of the Engineering Services completed at that time. Should County terminate this Contract under Subsection (D) immediately above, then the amount

charged during the thirty-day notice period shall not exceed the amount charged during the preceding thirty (30) days.

If Engineer defaults in the performance of this Contract or if County terminates this Contract for fault on the part of Engineer, then County shall give consideration to the actual costs incurred by Engineer in performing the Engineering Services to the date of default, the amount of Engineering Services required which was satisfactorily completed to date of default, the value of the Engineering Services which are usable to County, the cost to County of employing another firm to complete the Engineering Services required and the time required to do so, and other factors which affect the value to County of the Engineering Services performed at the time of default.

The termination of this Contract and payment of an amount in settlement as prescribed above shall extinguish all rights, duties, and obligations of County under this Contract. If the termination of this Contract is due to the failure of Engineer to fulfill his/her/its contractual obligations, then County may take over the Project and prosecute the Engineering Services to completion. In such case, Engineer shall be liable to County for any additional and reasonable costs incurred by County.

Engineer shall be responsible for the settlement of all contractual and administrative issues arising out of any procurements made by Engineer in support of the Engineering Services under this Contract.

ARTICLE 21
COMPLIANCE WITH LAWS

A. Compliance. Engineer shall comply with all applicable federal, state and local laws, statutes, codes, ordinances, rules and regulations, and the orders and decrees of any court, or administrative bodies or tribunals in any manner affecting the performance of this Contract, including without limitation, minimum/maximum salary and wage statutes and regulations, and licensing laws and regulations. Engineer shall furnish County with satisfactory proof of his/her/its compliance.

Engineer shall further obtain all permits and licenses required in the performance of the Engineering Services contracted for herein.

B. Taxes. Engineer will pay all taxes, if any, required by law arising by virtue of the Engineering Services performed hereunder. County is qualified for exemption pursuant to the provisions of Section 151.309 of the Texas Limited Sales, Excise, and Use Tax Act.

ARTICLE 22
INDEMNIFICATION

ENGINEER AGREES, TO THE FULLEST EXTENT PERMITTED BY LAW, TO INDEMNIFY AND HOLD THE COUNTY HARMLESS FROM AND AGAINST ANY AND ALL LIABILITIES, LOSSES, PENALTIES, JUDGMENTS, CLAIMS, LAWSUITS, DAMAGES, COSTS AND EXPENSES, INCLUDING, BUT NOT LIMITED

TO, ATTORNEYS' FEES, ("LOSSES") TO THE EXTENT SUCH LOSSES ARE CAUSED BY OR RESULTS FROM A NEGLIGENT ACT OR OMISSION, NEGLIGENCE, OR INTENTIONAL TORT COMMITTED BY ENGINEER, ENGINEER'S EMPLOYEES, AGENTS, OR ANY OTHER PERSON OR ENTITY UNDER CONTRACT WITH ENGINEER INCLUDING, WITHOUT LIMITATION, ENGINEER'S SUBCONSULTANTS, OR ANY OTHER ENTITY OVER WHICH ENGINEER EXERCISES CONTROL.

ENGINEER FURTHER AGREES, TO THE FULLEST EXTENT PERMITTED BY LAW, TO INDEMNIFY AND HOLD THE COUNTY HARMLESS FROM ANY AND ALL LIABILITIES, LOSSES, PENALTIES, JUDGMENTS, CLAIMS, LAWSUITS, DAMAGES, COSTS AND EXPENSES, INCLUDING, BUT NOT LIMITED TO, ATTORNEYS' FEES, ("LOSSES") TO THE EXTENT SUCH LOSSES ARE CAUSED BY OR RESULTS FROM ENGINEER'S FAILURE TO PAY ENGINEER'S EMPLOYEES, SUBCONTRACTORS, SUBCONSULTANTS, OR SUPPLIERS, IN CONNECTION WITH ANY OF THE WORK PERFORMED OR TO BE PERFORMED UNDER THIS CONTRACT BY ENGINEER.

ENGINEER FURTHER AGREES TO INDEMNIFY AND HOLD THE COUNTY HARMLESS FROM ANY AND ALL LIABILITIES, LOSSES, PENALTIES, CLAIMS, LAWSUITS, DAMAGES, COSTS AND EXPENSES, INCLUDING, BUT NOT LIMITED TO, ATTORNEYS' FEES, ("LOSSES") TO THE EXTENT SUCH LOSSES ARE CAUSED BY OR RESULTS FROM THE INFRINGEMENT OF ANY INTELLECTUAL PROPERTY ARISING OUT OF THE USE OF ANY PLANS, DESIGN, DRAWINGS, OR SPECIFICATIONS FURNISHED BY ENGINEER IN THE PERFORMANCE OF THIS CONTRACT.

THE LIMITS OF INSURANCE REQUIRED IN THIS CONTRACT AND/OR THE CONTRACT DOCUMENTS SHALL NOT LIMIT ENGINEER'S OBLIGATIONS UNDER THIS SECTION. THE TERMS AND CONDITIONS CONTAINED IN THIS SECTION SHALL SURVIVE THE TERMINATION OF THE CONTRACT AND/OR CONTRACT DOCUMENTS OR THE SUSPENSION OF THE WORK HEREUNDER. TO THE EXTENT THAT ANY LIABILITIES, PENALTIES, DEMANDS, CLAIMS, LAWSUITS, LOSSES, DAMAGES, COSTS AND EXPENSES ARE CAUSED IN PART BY THE ACTS OF THE COUNTY OR THIRD PARTIES FOR WHOM ENGINEER IS NOT LEGALLY LIABLE, ENGINEER'S OBLIGATIONS SHALL BE IN PROPORTION TO ENGINEER'S FAULT. THE OBLIGATIONS HEREIN SHALL ALSO EXTEND TO ANY ACTIONS BY THE COUNTY TO ENFORCE THIS INDEMNITY OBLIGATION.

IN THE EVENT THAT CONTRACTORS INITIATE LITIGATION AGAINST THE COUNTY IN WHICH THE CONTRACTOR ALLEGES DAMAGES AS A RESULT OF ANY NEGLIGENT ACTS, ERRORS OR OMISSIONS OF ENGINEER, ITS EMPLOYEES, AGENTS, SUBCONTRACTORS, SUBCONSULTANTS, OR SUPPLIERS, OR OTHER ENTITIES OVER WHICH ENGINEER EXERCISES CONTROL, INCLUDING, BUT NOT LIMITED TO, DEFECTS, ERRORS, OR OMISSIONS, THEN THE COUNTY SHALL HAVE THE RIGHT TO JOIN ENGINEER IN ANY SUCH PROCEEDINGS AT THE COUNTY'S COST. ENGINEER SHALL ALSO HOLD THE COUNTY HARMLESS AND INDEMNIFY THE COUNTY TO THE EXTENT THAT ENGINEER, ANY OF ITS EMPLOYEES, AGENTS, SUBCONTRACTORS, SUBCONSULTANTS, OR SUPPLIERS, OR OTHER ENTITIES OVER WHICH ENGINEER EXERCISES CONTROL, CAUSED SUCH DAMAGES TO CONTRACTOR, INCLUDING ANY AND ALL COSTS AND ATTORNEYS' FEES INCURRED BY THE COUNTY IN CONNECTION WITH THE DEFENSE OF ANY CLAIMS WHERE ENGINEER, ITS EMPLOYEES, AGENTS, SUBCONTRACTORS, SUBCONSULTANTS, OR SUPPLIERS, OR OTHER ENTITIES OVER WHICH ENGINEER EXERCISES CONTROL, ARE ADJUDICATED AT FAULT.

ARTICLE 23
ENGINEER'S RESPONSIBILITIES

Engineer shall be responsible for the accuracy of his/her/its Engineering Services and shall promptly make necessary revisions or corrections to its work product resulting from errors, omissions, or negligent acts, and same shall be done without compensation. County shall determine Engineer's responsibilities for all questions arising from design errors and/or omissions, subject to the dispute resolution provisions of Article 33. Engineer shall not be relieved of responsibility for subsequent correction of any such errors or omissions in its work product, or for clarification of any ambiguities until after the construction phase of the Project has been completed.

ARTICLE 24
ENGINEER'S SEAL

The responsible engineer shall sign, seal and date all appropriate engineering submissions to County in accordance with the Texas Engineering Practice Act and the rules of the State Board of Registration for Professional Engineers.

ARTICLE 25
INSURANCE

Engineer must comply with the following insurance requirements at all times during this Contract:

A. Coverage Limits. Engineer, at Engineer's sole cost, shall purchase and maintain during the entire term while this Contract is in effect the following insurance:

1. Worker's Compensation in accordance with statutory requirements.
2. Commercial General Liability Insurance with a combined minimum Bodily Injury and Property Damage limits of $1,000,000.00 per occurrence and $2,000,000.00 in the aggregate.
3. Business Automobile Liability Insurance for all owned, non-owned, and hired vehicles with combined minimum limits for Bodily Injury and Property Damage of $1,000,000.00 each accident.
4. Professional Liability Insurance in the amount of $2,000,000.00 per claim and annual aggregate.

B. Additional Insureds; Waiver of Subrogation. County, its directors, officers and employees shall be added as additional insureds under policies listed under (2) and (3) above, and on those policies where County, its directors, officers and employees are additional insureds, such insurance shall be primary and any insurance maintained by County shall be excess and not contribute with it. Such policies shall also include waivers of subrogation in favor of County.

C. Premiums and Deductible. Engineer shall be responsible for payment of premiums for all of the insurance coverages required under this section. Engineer further agrees

that for each claim, suit or action made against insurance provided hereunder, with respect to all matters for which the Engineer is responsible hereunder, Engineer shall be solely responsible for all deductibles and self-insured retentions. Any deductibles or self-insured retentions over $50,000 in the Engineer's insurance must be declared and approved in writing by County in advance.

D. Commencement of Work. Engineer shall not commence any field work under this Contract until he/she/it has obtained all required insurance and such insurance has been approved by County. As further set out below, Engineer shall not allow any subcontractor/subconsultant(s) to commence work to be performed in connection with this Contract until all required insurance has been obtained and approved and such approval shall not be unreasonably withheld. Approval of the insurance by County shall not relieve or decrease the liability of Engineer hereunder.

E. Insurance Company Rating. The required insurance must be written by a company approved to do business in the State or Texas with a financial standing of at least an A- rating, as reflected in Best's insurance ratings or by a similar rating system recognized within the insurance industry at the time the policy is issued.

F. Certification of Coverage. Engineer shall furnish County with a certification of coverage issued by the insurer. Engineer shall not cause any insurance to be canceled nor permit any insurance to lapse. **In addition to any other notification requires set forth hereunder, Engineer shall also notify County, within twenty-four (24) hours of receipt, of any notices of expiration, cancellation, non-renewal, or material change in coverage it receives from its insurer.**

G. No Arbitration. It is the intention of the County and agreed to and hereby acknowledged by the Engineer, that no provision of this Contract shall be construed to require the County to submit to mandatory arbitration in the settlement of any claim, cause of action or dispute, except as specifically required in direct connection with an insurance claim or threat of claim under an insurance policy required hereunder or as may be required by law or a court of law with jurisdiction over the provisions of this Contract.

H. Subcontractor/Subconsultant's Insurance. Without limiting any of the other obligations or liabilities of Engineer, Engineer shall require each subcontractor/subconsultant performing work under this Contract (to the extent a subcontractor/subconsultant is allowed by County) to maintain during the term of this Contract, at the subcontractor/subconsultant's own expense, the same stipulated minimum insurance required in this Article above, including the required provisions and additional policy conditions as shown below in this Article.

Engineer shall obtain and monitor the certificates of insurance from each subcontractor/subconsultant in order to assure compliance with the insurance requirements. Engineer must retain the certificates of insurance for the duration of this Contract, and shall have the responsibility of enforcing these insurance requirements among its subcontractor/subconsultants. County shall be entitled, upon request and without expense, to receive copies of these certificates of insurance.

I. Insurance Policy Endorsements. Each insurance policy shall include the following conditions by endorsement to the policy:

1. County shall be notified thirty (30) days prior to the expiration, cancellation, non-renewal or any material change in coverage, and such notice thereof shall be given to County by certified mail to:

   Williamson County Purchasing Department
   100 Wilco Way
   Suite P101
   Georgetown, TX. 78626

   With copy to:

   Williamson County Auditor's Office
   Attn: Contracts Auditor
   901 South Austin Avenue
   Georgetown, Texas 78626

2. The policy clause "Other Insurance" shall not apply to any insurance coverage currently held by County, to any such future coverage, or to County's Self-Insured Retentions of whatever nature.

J. Cost of Insurance. The cost of all insurance required herein to be secured and maintained by Engineer shall be borne solely by Engineer, with certificates of insurance evidencing such minimum coverage in force to be filed with County. Such Certificates of Insurance are evidenced as **Exhibit F** herein entitled "Certificates of Insurance."

ARTICLE 26
COPYRIGHTS

County shall have the royalty-free, nonexclusive and irrevocable right to reproduce, publish or otherwise use, and to authorize others to use, any reports developed by Engineer for governmental purposes.

ARTICLE 27
SUCCESSORS AND ASSIGNS

This Contract shall be binding upon and inure to the benefit of the parties hereto, their successors, lawful assigns, and legal representatives. Engineer may not assign, sublet or transfer any interest in this Contract, in whole or in part, by operation of law or otherwise, without obtaining the prior written consent of County.

ARTICLE 28
SEVERABILITY

In the event 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, then such invalidity, illegality or unenforceability shall not affect any other provision thereof and this Contract shall be construed as if such invalid, illegal or unenforceable provision had never been contained herein.

ARTICLE 29
PRIOR AGREEMENTS SUPERSEDED

This Contract constitutes the sole agreement of the parties hereto, and supersedes any prior understandings or written or oral contracts between the parties respecting the subject matter defined herein. This Contract may only be amended or supplemented by mutual agreement of the parties hereto in writing.

ARTICLE 30
ENGINEER'S ACCOUNTING RECORDS

Engineer agrees to maintain, for a period of three (3) years after final payment under this Contract, detailed records identifying each individual performing the Engineering Services, the date or dates the services were performed, the applicable hourly rates, the total amount billed for each individual and the total amount billed for all persons, records of reimbursable costs and expenses of other providers and provide such other details as may be requested by the County Auditor for verification purposes. Engineer agrees that County or its duly authorized representatives shall, until the expiration of three (3) years after final payment under this Contract, have access to and the right to examine and photocopy any and all books, documents, papers and records of Engineer which are directly pertinent to the services to be performed under this Contract for the purposes of making audits, examinations, excerpts, and transcriptions. Engineer further agrees that County shall have access during normal working hours to all necessary Engineer facilities and shall be provided adequate and appropriate work space in order to conduct audits in compliance with the provisions of this section. County shall give Engineer reasonable advance notice of intended audits.

ARTICLE 31
NOTICES

All notices to either party by the other required under this Contract shall be personally delivered or mailed to such party at the following respective addresses:

County: Williamson County Judge
710 Main Street, Suite 101
Georgetown, Texas 78626

With copy to: County's Road Bond Program Manager
Attn: Michael Weaver
HNTB Corporation
101 E. Old Settlers Blvd., Suite 100
Round Rock, Texas 78664

and to: Office of General Counsel
Williamson County
710 Main Street, Suite 102
Georgetown, Texas 78626

Engineer: Felipe Tudtud, PE_____
HDR Engineering, Inc._____
710 Hesters Crossing, Suite 150_
Round Rock, Texas_ 78681-7838_

ARTICLE 32
GENERAL PROVISIONS

A. Time is of the Essence. Subject to Article 3 hereof, Engineer understands and agrees that time is of the essence and that any failure of Engineer to complete the Engineering Services for each phase of this Contract within the agreed work schedule set out in the applicable Work Authorization may constitute a material breach of this Contract. Engineer shall be fully responsible for his/her/its delays or for failures to use his/her/its reasonable efforts in accordance with the terms of this Contract and the Engineer's standard of performance as defined herein. Where damage is caused to County due to Engineer's negligent failure to perform County may accordingly withhold, to the extent of such damage, Engineer's payments hereunder without waiver of any of County's additional legal rights or remedies.

B. Force Majeure. Neither County nor Engineer shall be deemed in violation of this Contract if prevented from performing any of their obligations hereunder by reasons for which they are not responsible or circumstances beyond their control. However, notice of such impediment or delay in performance must be timely given, and all reasonable efforts undertaken to mitigate its effects.

C. Enforcement and Venue. This Contract shall be enforceable in Georgetown, Williamson County, Texas, and if legal action is necessary by either party with respect to the enforcement of any or all of the terms or conditions herein, exclusive venue for same shall lie in Williamson County, Texas. This Contract shall be governed by and construed in accordance with the laws and court decisions of the State of Texas excluding, however, its choice of law rules.

D. Standard of Performance. The standard of care for all professional engineering, consulting and related services performed or furnished by Engineer and its employees under this Contract will be the care and skill ordinarily used by members of Engineer's profession practicing

under the same or similar circumstances at the same time and in the same locality.

E. Opinion of Probable Cost. Any opinions of probable Project cost or probable construction cost provided by Engineer are made on the basis of information available to Engineer and on the basis of Engineer's experience and qualifications and represents its judgment as an experienced and qualified professional engineer. However, since Engineer has no control over the cost of labor, materials, equipment or services furnished by others, or over the contractor(s') methods of determining prices, or over competitive bidding or market conditions, Engineer does not guarantee that proposals, bids or actual Project or construction cost will not vary from opinions of probable cost Engineer prepares.

F. Opinions and Determinations. Where the terms of this Contract provide for action to be based upon opinion, judgment, approval, review, or determination of either party hereto, such terms are not intended to be and shall never be construed as permitting such opinion, judgment, approval, review, or determination to be arbitrary, capricious, or unreasonable.

G. Reports of Accidents. Within 24 hours after Engineer 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 Engineer), whether or not it results from or involves any action or failure to act by the Engineer or any employee or agent of the Engineer and which arises in any manner from the performance of this Contract, the Engineer 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 Engineer shall also immediately send the County a copy of any summons, subpoena, notice, or other documents served upon the Engineer, 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 Engineer's performance of work under this Contract.

H. Gender, Number and Headings. 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, unless the context otherwise requires. The headings and section numbers are for convenience only and shall not be considered in interpreting or construing this Contract.

I. Construction. Each party hereto acknowledges that it and its counsel have reviewed this Contract and that the normal rules of construction are not applicable and there will be no presumption that any ambiguities will be resolved against the drafting party in the interpretation of this Contract.

J. Independent Contractor Relationship. Both parties hereto, in the performance of this Contract, 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.

K. No Waiver of Immunities. Nothing in this Contract 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 or employees, 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.

L. Texas Public Information Act. To the extent, if any, that any provision in this Contract 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 County, 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 County as to whether or not the same are available to the public. It is further understood that County's officers and employees shall have the right to rely on the advice, decisions and opinions of the Attorney General, and that 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 County by a party hereto, in reliance of any advice, decision or opinion of the Attorney General of the State of Texas.

M. Governing Terms and Conditions. If there is an irreconcilable conflict between the terms and conditions set forth in this Contract or any Contract Amendment and the terms and conditions set forth in any Exhibit, Appendix, Work Authorization or Supplemental Work Authorization to this Contract, the terms and conditions set forth in this Contract or any Contract Amendment shall control over the terms and conditions set forth in any Exhibit, Appendix, Work Authorization or Supplemental Work Authorization to this Contract.

N. Meaning of Day. For purposes of this Contract, all references to a "day" or "days" shall mean a calendar day or calendar days.

O. Appropriation of Funds by County. County believes it has sufficient funds currently available and authorized for expenditure to finance the costs of this Contract. Engineer understands and agrees that County's payment of amounts under this Contract 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.

ARTICLE 33
DISPUTE RESOLUTION

Except as otherwise specifically set forth herein, County and Engineer shall work together in good faith to resolve any controversy, dispute or claim between them which arises out of or relates to this Contract, whether stated in tort, contract, statute, claim for benefits, bad faith, professional liability or otherwise ("Claim"). If the parties are unable to resolve the Claim within thirty (30) days following the date in which one party sent written notice of the Claim to the other party, and if a party wishes to pursue the Claim, such Claim shall be addressed through non-binding mediation. A single mediator engaged in the practice of law, who is knowledgeable about subject matter of this Contract, shall be selected by agreement of the parties and serve as the mediator.

Any mediation under this Contract shall be conducted in Williamson County, Texas. The mediator's fees shall be borne equally between the parties. Such non-binding mediation is a condition precedent to seeking redress in a court of competent jurisdiction, but this provision shall not preclude either party from filing a lawsuit in a court of competent jurisdiction prior to completing a mediation if necessary to preserve the statute of limitations, in which case such lawsuit shall be stayed pending completion of the mediation process contemplated herein. This provision shall survive the termination of the Contract.

ARTICLE 34
EQUAL OPPORTUNITY IN EMPLOYMENT

During the performance of this Contract and to the extent the Project is a federally funded project, Engineer, for itself, its assignees and successors in interest agrees as follows:

A. Compliance with Regulations. The Engineer shall comply with the Regulations relative to nondiscrimination in Federally-assisted programs of the Department of Transportation (hereinafter, "DOT") Title 49, Code of Federal Regulations, Part 21, as they may be amended from time to time, (hereinafter referred to as the Regulations), which are herein incorporated by reference and made a part of this Contract.

B. Nondiscrimination. The Engineer, with regard to the work performed by it during the Contract, shall not discriminate on the grounds of race, color, or national origin in the selection and retention of subcontractors/subconsultants, including procurements of materials and leases of equipment. The Engineer shall not participate either directly or indirectly in the discrimination prohibited by section 21.5 of the Regulations, including employment practices when the contract covers a program set forth in Appendix B of the Regulations.

C. Solicitations for Subcontracts, Including Procurements of Materials and Equipment. In all solicitations either by competitive bidding or negotiation made by the Engineer for work to be performed under a subcontract, including procurements of materials or leases of equipment, each potential subcontractor/subconsultant or supplier shall be notified by the Engineer of the Engineer's obligations under this Contract and the Regulations relative to nondiscrimination on the grounds of race, color, or national origin.

D. Information and Reports. The Engineer shall provide all information and reports required by the Regulations or directives issued pursuant thereto, and shall permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the County (referred to in this Article as the "Recipient") or the Texas Department of Transportation to be pertinent to ascertain compliance with such Regulations, orders and instructions. Where any information required of a contractor is in the exclusive possession of another who fails or refuses to furnish this information the Engineer shall so certify to the Recipient, or the Texas Department of Transportation as appropriate, and shall set forth what efforts it has made to obtain the information.

E. Sanctions for Noncompliance. In the event of the Engineer's noncompliance with the nondiscrimination provisions of this contract, the Recipient shall impose such contract

sanctions as it or the Texas Department of Transportation may determine to be appropriate, including, but not limited to:

1. withholding of payments to the Engineer under the contract until the Engineer complies, and/or;
2. cancellation, termination or suspension of the Contract, in whole or in part.

F. Incorporation of Provisions. The Engineer shall include the provisions of Subsections (A) through (F) above in every subcontract, including procurements of materials and leases of equipment, unless exempt by the Regulations, or directives issued pursuant thereto. The Engineer shall take such action with respect to any subcontract or procurement as the Recipient or the Texas Department of Transportation may direct as a means of enforcing such provisions including sanctions for non-compliance: Provided, however, that, in the event a contractor becomes involved in, or is threatened with, litigation with a subcontractor/subconsultant or supplier as a result of such direction, the Engineer may request the Recipient to enter into such litigation to protect the interests of the Recipient, and, in addition, the Engineer may request the United States to enter into such litigation to protect the interests of the United States.

SIGNATORY WARRANTY

The undersigned signatory for Engineer hereby represents and warrants that the signatory is an officer of the organization for which he/she has executed this Contract and that he/she has full and complete authority to enter into this Contract on behalf of the firm. The above-stated representations and warranties are made for the purpose of inducing County to enter into this Contract.

IN WITNESS WHEREOF, County has caused this Contract to be signed in its name by its duly authorized County Judge, as has Engineer, signing by and through its duly authorized representative(s), thereby binding the parties hereto, their successors, assigns and representatives for the faithful and full performance of the terms and provisions hereof, to be effective as of the date of the last party's execution below. NO OFFICIAL, EMPLOYEE, AGENT, OR REPRESENTATIVE OF THE COUNTY HAS ANY AUTHORITY, EITHER EXPRESS OR IMPLIED, TO AMEND, TERMINATE OR MODIFY THIS CONTRACT, EXCEPT PURSUANT TO SUCH EXPRESS AUTHORITY AS MAY BE GRANTED BY THE WILLIAMSON COUNTY COMMISSIONERS COURT.

COUNTY

WILLIAMSON COUNTY, TEXAS

By: _____
Bill Gravell Jr., County Judge

Date: _____ ____, 20____

3/4/2021

ENGINEER

By _____

Printed Name: Mark Borenstein, PE

Title: Vice President

Date: February 26, 2021

LIST OF EXHIBITS ATTACHED

(1) **Exhibit A** Debarment Certification

(2) **Exhibit B** Engineering Services

(3) **Exhibit C** Work Authorization

(4) **Exhibit D** Rate Schedule

(5) **Exhibit E** Williamson County Vendor Reimbursement Policy

(6) **Exhibit F** Certificates of Insurance

EXHIBIT A
DEBARMENT CERTIFICATION

STATE OF TEXAS §
§
COUNTY OF WILLIAMSON §

I, the undersigned, being duly sworn or under penalty of perjury under the laws of the United States and the State of Texas, certifies that Engineer and its principals:

(a) Are not presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any federal department or agency:

(b) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public* transaction or contract under a public transaction; violation of federal or state antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;

(c) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity* with commission of any of the offenses enumerated in paragraph (1)(b) of this certification;

(d) Have not within a three-year period preceding this application/proposal had one or more public transactions* terminated for cause or default; and

(e) Have not been disciplined or issued a formal reprimand by any State agency for professional accreditation within the past three years.

HDR Engineering, Inc
Name of Firm



Signature of Certifying Official

Mark Borenstein, PE
Printed Name of Certifying Official

Vice President
Title of Certifying Official

2/26 Feb. 26, 2024
Date

(2) Where the PROVIDER is unable to certify to any of the statements in this certification, such PROVIDER shall attach an explanation to this certification.

* federal, state, or local

on February 26, 2021,

SUBSCRIBED and sworn to before me the undersigned authority by Mark Borenstein the Vice President of HDR Engineering, Inc., on behalf of said firm.

LISA L COOPER
Notary Public, State of Texas
Comm. Expires 03-28-2021
Notary ID 12568988-6

Lisa L. Cooper
Notary Public in and for the
State of Texas, Williamson County

My commission expires: 3/28/2021

EXHIBIT B

ENGINEERING SERVICES

PROJECT: RM 620/SH 45 Intersection to McNeil Rd [P338]

General Work Description: Provide engineering services and planning to develop _RM 620/SH 45 intersection to McNeil Road_ Planning & Design.

The Engineer may perform any or all of the following tasks listed below, as described in detailin each Work Authorization:

TASK 1 - PROJECT MANAGEMENT

TASK 2 - ROUTE AND DESIGN STUDIES

TASK 3 - PUBLIC INVOLVEMENT

TASK 4 – TRAFFIC EVALUATION AND PROJECTIONS

TASK 5 – SURVEYING

TASK 6 – RIGHT-OF-WAY (ROW) MAPPING

TASK 7 – SCHEMATIC DEVELOPMENT

TASK 8 – DRAINAGE STUDY

TASK 9 – ENVIRONMENTAL STUDIES & DOCUMENTS

TASK 10 – GEOTECHNICAL SERVICES

TASK 11 – PLANS, SPECIFICATIONS AND ESTIMATE (PS&E)

TASK 12 – BIDDING PHASE SERVICES

TASK 13 – CONSTRUCTION PHASE SERVICES



EXHIBIT C

WORK AUTHORIZATION

(To Be Completed and Executed After Contract Execution)

WORK AUTHORIZATION NO. _____
PROJECT: _ RM 620/SH 45 intersection to McNeil Road [P338]

This Work Authorization is made pursuant to the terms and conditions of the Williamson County Contract for Engineering Services, being dated _____ ____, 20____ and entered into by and between Williamson County, Texas, a political subdivision of the State of Texas, (the "County") and HDR Engineering, 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 _____.

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 _____ ____, 20_____. 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 _____, 20___.

ENGINEER:	COUNTY:
[Insert Company Name HERE]	Williamson County, Texas
By:_____	By:_____
Signature	Signature
_____	_____
Printed Name	Printed Name
_____	_____
Title	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

EXHIBIT D

RATE SCHEDULE

PROJECT: RM 620/SH 45 INTERSECTION TO McNEIL RD [P338]

HDR Engineering, Inc			
Project Manager	$	255.00	per hour
Senior Advisor	$	290.00	per hour
Sr. QC Reviewer	$	285.00	per hour
Project Engineer	$	170.00	per hour
Design Engineer	$	155.00	per hour
Engineer-in-Training	$	135.00	per hour
Senior GIS Technician	$	150.00	per hour
Sr Engineer Technician	$	116.00	per hour
CADD Operator	$	100.00	per hour
Sr Structural Engineer	$	272.00	per hour
Structural Engineer	$	178.00	per hour
Sr Drainage Engineer	$	180.00	per hour
Sr Traffic Engineer	$	210.00	per hour
Traffic Engineer	$	145.00	per hour
Sr Environmental Project Manager	$	287.00	per hour
Sr Environmental Planner	$	180.00	per hour
Sr Environmental Scientist	$	145.00	per hour
Environmental Scientist	$	82.00	per hour
Sr. Biologist - Endangered Bird Specialist	$	160.00	per hour
Archeologist - Principal Investigator	$	108.00	per hour
Archeologist	$	83.00	per hour
Sr. Historian	$	143.00	per hour
Admin/Clerical	$	75.00	per hour
Round Rock Geophysics, LLC			
Sr Geologist/Sr Engineer	$	201.00	per hour
Principal/PhD (25+)	$	185.00	per hour
Geologist (15-20 yrs)	$	182.00	per hour
Geologist/Principal (25+)	$	185.00	per hour
Geologist (25+)	$	170.00	per hour
Field Geologist (0-5 yrs)	$	49.00	per hour
Field Geologist (10-15 yrs)	$	62.00	per hour
Scientist Technician (1-5 yrs)	$	44.00	per hour

PROJECT: RM 620/SH 45 INTERSECTION TO McNEIL RD [P338]

LJA Engineering			
Project Principal	$	275.00	per hour
Project Manager	$	245.00	per hour
Quality Manager	$	230.00	per hour
Senior Engineer	$	215.00	per hour
Project Engineer	$	170.00	per hour
Design Engineer	$	155.00	per hour
Engineer-in-Training	$	135.00	per hour
Senior Structural Engineer	$	220.00	per hour
Strucutral Engineer	$	195.00	per hour
Senior Engineering Technician	$	140.00	per hour
Senior CADD Operator	$	125.00	per hour
CADD Operator	$	100.00	per hour
Utility Engineer	$	150.00	per hour
GIS Analyst/Cartography	$	130.00	per hour
GIS Technician	$	115.00	per hour
Admin	$	80.00	per hour

Cambrian			
Project Manager	$	201.00	per hour
Senior Karst Geoscientist	$	201.00	per hour
Karst Geoscientist	$	114.00	per hour
Karst Technician	$	70.00	per hour
Salamander Biologist	$	88.00	per hour

HVJ South Central Texas - M&J, Inc			
Principal	$	271.00	per hour
Geotechnical Engineering Manager	$	232.00	per hour
Project Engineer	$	133.00	per hour
Staff Engineer	$	102.00	per hour
Engineering Technician	$	71.00	per hour

HVJ Associates, Inc			
Senior Engineer	$	232.00	per hour
Project Manager	$	193.00	per hour
Project Engineer	$	133.00	per hour
Staff Engineer	$	102.00	per hour
Engineering Technician	$	71.00	per hour
Clerical	$	61.00	per hour

McGRAY & McGRAY LAND SURVEYORS, INC.
3301 Hancock Drive, Suite 6
Austin, Texas 78731
Office 512/451-8591 Fax 512/451-8791
Email mcgray@mcgray.com

SURVEYOR RATE SCHEDULE

Field crew rates include all equipment and overhead necessary to perform any survey related task. Office rates include all equipment and overhead necessary to do drafting, office computations, and other related office tasks. Fees and charges include complete insurance coverage, taxes, and benefits.

SERVICE	RATE
Conventional Field Crew Services:	
1 man reconnaissance or data gathering	$ 120.00 per hour
2 man survey crew, with vehicle and data collection	$ 165.00 per hour
3 man survey crew, with vehicle and data collection	$ 200.00 per hour
GPS/RTK Field Crew Services:	
GPS/RTK 1 man survey crew, with vehicle and data collection	$ 170.00 per hour
GPS/RTK 2 man survey crew, with vehicle and data collection	$ 215.00 per hour
GPS/RTK 3 man survey crew, with vehicle and data collection	$ 250.00 per hour
Additional Crew/Rodman	$ 45.00 per hour
Flagger	$ 45.00 per hour

There is a minimum charge of 4 hours for above field crew services (unless otherwise agreed).

Office/Professional/Technical Services:	
Researcher	$ 80.00 per hour
Secretarial/Administrative	$ 70.00 per hour
AutoCAD / Survey Technician	$ 90.00 per hour
Senior Technician	$ 96.00 per hour
LIDAR Technician	$ 98.00 per hour
GPS Processing	$ 108.00 per hour
Field Coordinator	$ 98.00 per hour
Project Manager	$ 165.00 per hour
RPLS	$ 145.00 per hour
Principal	$ 190.00 per hour
RPLS - Consulting, Court Testimony, Despositions, etc.	$ 200.00 per hour

McGRAY & McGRAY LAND SURVEYORS, INC.
3301 Hancock Drive, Suite 6
Austin, Texas 78731
Office 512/451-8591 Fax 512/451-8791
Email mcgray@mcgray.com

SURVEYOR RATE SCHEDULE

Specialized Equipment:

ATV (All Terrain Vehicle)	$ 65.00 per day
Additional Survey Vehicle	$ 70.00 per day
LiDAR Terrestrial Scanner	$ 100.00 per hour
UAV (Drone) Aerial Mapper	$ 5,000.00 per day
Mobile Mapper	$ 9,000.00 per day

Unusual equipment or additional service providers will be charged at cost.

Direct Expenses:
Hotel and Meals will be billed per Exhibit E of the master contract.

Judith J. McGray	RPLS, #2093	Joe D. Webber, Jr.	RPLS, #4552
Chris I. Conrad	RPLS, #5623	Kevin Simpson-Schroeder	RPLS, #5306
		Troy Thomas	RPLS, #6130

CPI Rate Adjustments: Rates will remain firm for the initial first year of the Contract and such rates shall be deemed the "Initial Base Rates". Engineer must request rate adjustments, in writing, at least thirty (30) days prior to each annual anniversary date of the Contract and any rate changes will take effect on the first day following the prior year. If Engineer fails to request a CPI rate adjustment, as set forth herein, the adjustment will be effective thirty (30) days after the County

receives Engineer's written request. No retroactive rate adjustments will be allowed. All rates adjustments and modifications shall be set forth in a written fully executed Contract Amendment.

Price adjustments will be made in accordance with changes in the U.S. Department of Labor Consumer Price Index (CPI-U) for All Urban Consumers, All Items, South Region (Base 1982-84 = 100).

The rate adjustment will be determined by multiplying the Initial Base Rates by a fraction, the numerator of which is the index number for most recently released index before each annual anniversary date of the Contract and the denominator of which is the index number for the first month of the Contract (the index number for the month in which the Contract was originally executed). If the products are greater than the Initial Base Rates, County will pay the greater amounts as the rates during the successive year until the next rate adjustment. Rates for each successive year will never be less than the Initial Base Rates.

EXHIBIT E

Williamson County
Vendor Reimbursement Policy

The purpose of this Williamson County Vendor Reimbursement Policy ("Policy") is to provide clear guidelines to vendors on Williamson County's expectations and requirements regarding allowable reimbursable expenditures and required backup. The Policy will also minimize conflicts related to invoice payments and define non-reimbursable items. This Policy is considered a guideline and is not a contract.

This Policy may be altered, deleted or amended, at any time and without prior notice to vendors, by action of the Williamson County Commissioners Court. Unenforceable provisions of this Policy, as imposed by applicable law, regulations, or judicial decisions, shall be deemed to be deleted. Any revisions to this Policy will be distributed to all current vendors doing business with the County.

1. Invoices and Affidavits

1.1 Invoices must adequately describe the goods or services provided to County and include all required backup (i.e. reimbursable expenses, mileage log, timesheets, receipts detailing expenses incurred etc.) that is in a form acceptable to the Williamson County Auditor. Invoices that do not adequately describe the goods or services provided to County or contain backup that is satisfactory to the Williamson County Auditor will be returned to vendor for revisions and the provision above relating to invoice errors resolved in favor of the County shall control as to the required actions of vendor and when such invoice must be paid by the County.

1.2 In the event an invoice includes charges based upon hourly billing rates for services or any other rates based upon the amount of time worked by an individual or individuals in performing services, whether the charges are being billed directly to the County or whether they are the basis of invoices from subcontractors for which the vendor seeks reimbursement from the County, the charges shall be accompanied by an affidavit signed by an officer or principal of the vendor certifying that the work was performed, it was authorized by the County and that all information contained in the invoice that is being submitted is true and correct.

1.3 Upon County's request, vendor must submit all bills paid affidavits wherein vendor must swear and affirm that vendor has paid each of its subcontractors, laborers, suppliers and material in full for all labor and materials provided to vendor for or in connection with services and work performed for County and, further, vendor must swear and affirm that vendor is not aware of any unpaid bills, claims, demands, or causes of action by any of its subcontractors, laborers, suppliers, or material for or in connection with the furnishing of labor or materials, or both, for services and work performed for County.

2. Travel Reimbursement

2.1 The County will only cover costs associated with travel on vendors outside a 50 mile radius from Williamson County, Texas.

2.2 The County will only cover costs associated with travel as documented work for County. If a vendor is also doing business for another client, the travel costs must be split in proportion to the amount of work actually performed for County and the other client. The only allowable travel expense will be for the specific days worked for Williamson County.

2.3 No advance payments will be made to vendor for travel expenditures. The travel expenditure may only be reimbursed after the expenditure/trip has already occurred and vendor has provided the Williamson County Auditor with all necessary and required backup.

2.4 Vendors must submit all travel reimbursement requests on each employee in full. Specifically, a travel reimbursement request must include all related travel reimbursement expenses relating to a particular trip for which vendor seeks reimbursement. Partial travel reimbursement requests will not be accepted (i.e. vendor should not submit hotel and mileage one month then the next month submit rental car and airfare). If the travel reimbursement appears incomplete, the invoice will be sent back to the vendor to be submitted when all information is ready to submit in full.

2.5 Reimbursement for transportation costs will be at the most reasonable means of transportation (i.e.: airline costs will be reimbursed for coach rate, rental car costs will only be reimbursed if rental car travel was most reasonable means of travel as compared to travel by air).

2.6 The County will not be responsible for, nor will the County reimburse additional charges due to personal preference or personal convenience of individual traveling.

2.7 The County will not reimburse airfare costs if airfare costs were higher than costs of mileage reimbursement.

2.8 Additional expenses associated with travel that is extended to save costs (i.e. Saturday night stay) may be reimbursed if costs of airfare would be less than the cost of additional expenses (lodging, meals, car rental, mileage) if the trip had not been extended. Documentation satisfactory to the Williamson County Auditor will be required to justify expenditure.

2.9 County will only reimburse travel expense to necessary personnel of the vendor (i.e. no spouse, friends or family members).

2.10 Except as otherwise set forth herein, a vendor must provide a paid receipt for all expenses. If a receipt cannot be obtained, a written sworn statement of the expense from the vendor may be substituted for the receipt.

2.11 Sales tax for meals and hotel stays are the only sales taxes that will be reimbursed. Sales tax on goods purchased will not be reimbursed. A sales tax exemption form is available from the Williamson County Auditor's Office upon request.

2.12 The County will not pay for any late charges on reimbursable items. It is the responsibility of the vendor to pay the invoice first and seek reimbursement from the County.

3. Meals

3.1 Meal reimbursements are limited to a maximum of $50.00 per day on overnight travel. On day travel (travel that does not require an overnight stay), meal reimbursements are limited to a maximum of $20.00 per day. The travel must be outside the Williamson County, Texas line by a 50 mile radius.

3.2 Receipts are required on meal reimbursement amounts up to the maximum per day amount stated for overnight or day travel. If receipts are not presented, the vendor can request per diem (per diem limits refer to 3.2). However, a vendor cannot combine per diem and meal receipts. Only one method shall be allowed.

3.3 Meals are reimbursable only for vendors who do not have the necessary personnel located within a 50 mile radius of Williamson County, Texas that are capable of carrying the vendor's obligations to County. Meals will not be reimbursed to vendors who are located within a 50 mile radius of Williamson County, Texas.

3.4 County will not reimburse for alcoholic beverages.

3.5 Tips are reimbursable but must be reasonable to limitation of meal allowance

3.6 No meals purchased for entertainment purposes will be allowed.

3.7 Meal reimbursement must be substantiated with a hotel receipt.

4. Lodging

4.1 Hotel accommodations require an itemized hotel folio as a receipt. The lodging receipt should include name of the motel/hotel, number of occupant(s), goods or services for each individual charge (room rental, food, tax, etc.) and the name of the occupant(s). Credit card receipts or any other form of receipt are not acceptable.

4.2 Vendors will be reimbursed for a single room rate charge plus any applicable tax. If a single room is not available, the vendor must provide documentation to prove that a single room was not available in order to justify the expense over and above the single room rate. A vendor may also be required to provide additional documentation if a particular room rate appears to be excessive.

4.3 Personal telephone charges, whether local or long distance, will not be reimbursed.

5. Airfare

5.1 The County will only reimburse up to a coach price fare for air travel.

5.2 The County will exclude any additional charges due to personal preference or personal convenience of the individual traveling (i.e. early bird check in, seat preference charges, airline upgrades, etc. will not be an allowable reimbursement)

5.3 Air travel expenses must be supported with receipt copy of an airline ticket or an itinerary with actual ticket price paid. If tickets are purchased through a website, vendor must submit a copy of the webpage showing the ticket price if no paper ticket was issued.

5.4 Cancellation and/or change flight fees may be reimbursed by the County but vendor must provide the Williamson County Auditor with documentation in writing from a County department head providing authorization for the change.

5.5 The County will not reimburse vendor for tickets purchased with frequent flyer miles.

6. Car Rental

6.1 Vendors that must travel may rent a car at their destination when it is less expensive than other transportation such as taxis, airport shuttles or public transportation such as buses or subways.

6.2 Cars rented must be economy or mid-size. Luxury vehicle rentals will not be reimbursed. Any rental costs over and above the cost of a mid-size rental will be adjusted.

6.3 Vendors will be reimbursed for rental cars if the rental car cost would have been less than the mileage reimbursement cost (based on the distance from vendor's point of origin to Williamson County, Texas) had the vendor driven vendor's car.

6.4 Vendors must return a car rental with appropriate fuel levels as required by rental agreement to avoid the car rental company from adding fuel charges.

6.5 Rental agreement and credit card receipt must be provided to County as back up for the request for reimbursement.

6.6 Insurance purchased when renting vehicle may also be reimbursed.

6.7 Car Rental optional extras such as GPS, roadside assistance, and administrative fees on Tolls will not be reimbursed.

7. Personal Car Usage

7.1 Personal vehicle usage will be reimbursed in an amount equal to the standard mileage rate allowed by the IRS.

7.2 Per code of Federal Regulations, Title 26, Subtitle A, Chapter 1, Subchapter B, Part IX, Section 274(d), all expense reimbursement requests must include the following:

7.2.1.1 Date

7.2.1.2 Destination

7.2.1.3 Purpose

7.2.1.4 Name of traveler(s)

7.2.1.5 Correspondence that verifies business purpose of the expense

7.3 The mileage for a personal vehicle must document the date, location of travel to/from, number of miles traveled and purpose of trip.

7.4 Mileage will be reimbursed on the basis of the most commonly used route.

7.5 Reimbursement for mileage shall not exceed the cost of a round trip coach airfare.

7.6 Reimbursement for mileage shall be prohibited between place of residence and usual place of work.

7.7 Mileage should be calculated from employee's regular place of work or their residence, whichever is the shorter distance when traveling to a meeting or traveling to Williamson County, Texas for vendors who are located outside of Williamson County, Texas by at least a 50 mile radius.

7.8 When more than one person travels in same vehicle, only one person may claim mileage reimbursement.

7.9 Tolls, if reasonable, are reimbursable. Receipts are required for reimbursement. If a receipt is not obtainable, then written documentation of expense must be submitted for reimbursement (administrative fees on Tolls will not be reimbursed).

7.10 Parking fees, if reasonable are reimbursable for meetings and hotel stays. For vendors who contract with a third party for visitor parking at vendor's place of business, Williamson County will not reimburse a vendor based on a percentage of its contracted visitor parking fees. Rather, Williamson County will reimburse Vendor for visitor parking on an individual basis for each time a visitor uses Vendor's visitor parking. Receipts are required for reimbursement. If a receipt is not obtainable, then written documentation of expense must be submitted for reimbursement.

7.11 Operating and maintenance expenses as well as other personal expenses, such as parking tickets, traffic violations, and car repairs and collision damage are not reimbursable.

8. Other Expenses

8.1 Taxi fare, bus tickets, conference registrations, parking, etc. must have a proper original receipt.

9. Repayment of Nonreimbursable Expense.

Vendors must, upon demand, immediately repay County for all inappropriately reimbursed expenses whenever an audit or subsequent review of any expense reimbursement documentation finds that such expense was reimbursed contrary to these guidelines and this Policy. Williamson County reserves the right to retain any amounts that are due or that become due to a vendor in order to collect any inappropriately reimbursed expenses that a vendor was paid.

10. Non-Reimbursable Expenses

In addition to the non-reimbursable items set forth above in this Policy, the following is a non-exhaustive list of expenses that will not be reimbursed by Williamson County:

10.1 Alcoholic beverages/tobacco products
10.2 Personal phone calls
10.3 Laundry service
10.4 Valet service (excludes hotel valet)
10.5 Movie rentals
10.6 Damage to personal items
10.7 Flowers/plants
10.8 Greeting cards
10.9 Fines and/or penalties
10.10 Entertainment, personal clothing, personal sundries and services
10.11 Transportation/mileage to places of entertainment or similar personal activities
10.12 Upgrades to airfare, hotel and/or car rental

10.13 Airport parking above the most affordable rate available
10.14 Excessive weight baggage fees or cost associated with more than two airline bags
10.15 Auto repairs
10.16 Babysitter fees, kennel costs, pet or house-sitting fees
10.17 Saunas, massages or exercise facilities
10.18 Credit card delinquency fees or service fees
10.19 Doctor bills, prescription and other medical services
10.20 Hand tools
10.21 Safety Equipment (hard hats, safety vests, etc.)
10.22 Office Supplies
10.23 Lifetime memberships to any association
10.24 Donations to other entities
10.25 Any items that could be construed as campaigning
10.26 Community outreach items exceeding $2 per item
10.27 Technology Fees
10.28 Sales tax on goods purchased
10.29 Any other expenses which Williamson County deems, in its sole discretion, to be inappropriate or unnecessary expenditures.

EXHIBIT F

CERTIFICATES OF INSURANCE

ATTACHED BEHIND THIS PAGE

EVALUATION - Anderson Mill Rd From FM734 to Loop 1
RFQ T1852
DATE: 02/03/2021 - 10AM

Evaluation Criteria	Maximum Score Points	American Structurepoint	Binkley & Barfield Inc.	CONSOR Engineers	Dannenbaum Engineering Co	Doucet & Associates	HDR Engineering Inc.	Huitt-Zollars, Inc.	Jones|Carter	LJA Engineering	Pape-Dawson
Is the firm registered with the Texas Board of Professional Engineers (TBPE) as an engineering firm in the State of Texas?	Pass/Fail	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Project Manager's Experience/Qualifications with similar projects	50	40	40	40	40	40	40	40	40	40	40
Individuals on Project Team's Experience/Qualifications providing roadway planning and/or design	50	40	30	35	40	30	45	35	35	40	35
Individuals on Project Team's Experience/Qualifications providing roadway drainage planning and/or design	50	40	40	35	40	40	40	40	40	40	40
Individuals on Project Team's Experience/Qualifications providing structures planning and/or design	50	40	40	40	40	40	40	40	40	40	40
Individuals on Project Team's Experience/Qualifications providing environmental documentation and clearance for roadway projects in Central Texas	50	40	40	35	40	35	40	40	40	40	40
Availability of Project Manager, task leads and relevant staff and their previous performance on Williamson County projects	50	40	20	40	20	5	40	20	20	10	10
Understanding of project	50	45	40	40	40	30	45	40	40	40	40
TOTAL	350	285	250	265	260	220	290	255	255	250	245

[redacted]







WILLIAMSON COUNTY
1848

Statement of Qualifications:

Planning for Anderson Mill Road and RM 620 Extension

Williamson County, TX

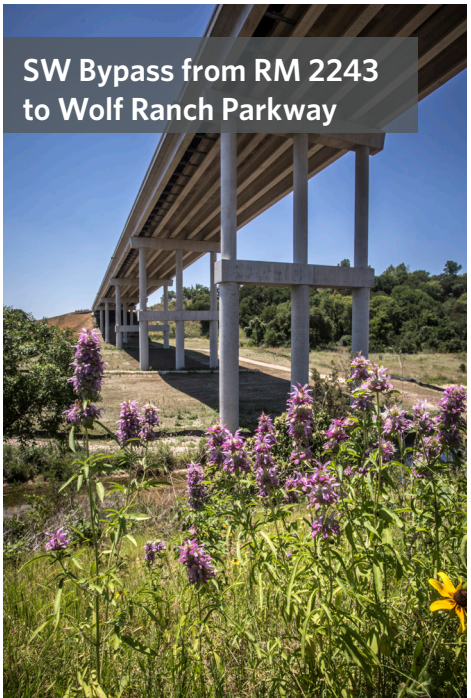
October 2020

HDR

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Kohlers Crossing over UPRR


SW Bypass from RM 2243 to Wolf Ranch Parkway

October 23, 2020
Williamson County Purchasing Department
Attn: RFQ Planning for Anderson Mill Road and RM 620 Extension
100 Wilco Way, Suite P101
Georgetown, Texas 78626

RE: **Statement of Qualifications: Planning for Anderson Mill Road and RM 620 Extension**

Dear Selection Committee Members,

Over the last ten years, Williamson County's population has grown by 40% and is expected to grow 30% more by 2030. Williamson County has been proactive in improving transportation and mobility. Through these improvements, the County has been able to reduce roadway congestion, maintain the quality of life, and attract employers. HDR Engineering, Inc. (HDR) is excited to submit on the Engineering Services for the extension of Anderson Mill Road from FM 734 to Loop 1 and the extension of a roadway from RM 620/SH 45 intersection to McNeil Road. We will bring technical skills, collaboration, and innovative thinking to these two corridors that cuts through the heart of Robinson Ranch in Precinct 1.

We offer a qualified team of professionals with vast experience in Williamson County corridor planning, schematics, environmental studies, geophysical, geotechnical, and surveying for projects adjacent to or crossing railroads and go through or around quarries. Our team includes LJA Engineering, McGray & McGray Land Surveyors, LLC, HVJ Associates, Inc., Cambrian, and Round Rock Geophysics, LLC.

HDR is a registered Texas Board of Professional Engineers (TBPE) firm. **Our firm registration number is F-754.** With a staff of 294 full-time professionals in Central Texas and a Williamson County office located at **710 Hesters Crossing, Suite 150, Round Rock, TX 78681**, we can begin work immediately upon receiving notice-to-proceed. Our **Project Manager, Felipe Tudtud, PE**, will coordinate with Williamson County's GEC, public involvement group, and utility coordinator to deliver a successful project. Our proven local team will provide Williamson County with the following:

PROVEN EXPERIENCE. We bring recent and relevant experiences like SW Bypass and Robert S. Light Blvd. Extension that addressed similar issues encountered when a roadway goes through or around quarries and crosses a railroad. We are currently working on, or have completed at-grade, overpass and underpass projects across several railroads in Central Texas, including SW Bypass, FM 3349 at US 79, Kohlers Crossing, Yarrington Road, LP 82, Kenney Fort Blvd., AW Grimes, SH 130, and Harrell Parkway. By demonstrating a high level of technical expertise, we have become a trusted partner delivering significant projects throughout Williamson County and Central Texas. Our national railroad group is familiar with the Local Union Pacific Railroad Representative.

RESPONSIVENESS. We have one of the largest transportation planning and design teams located in Williamson County. We bring together the right people with the right skills, expertise, experience, and the highest level of teamwork to serve the County on this project. In addition, we are serving as the Program Manager for Capital Metro's Project Connect, which will help us with Capital Metro railroad crossings coordination.

Our history with Williamson County projects, understanding of the type of work to be performed, and lessons learned from the successful completion of similar projects make us the right consultant for Williamson County. Thank you for your consideration of our Statement of Qualifications. Please contact us via email at Felipe.Tudtud@hdrinc.com or by phone at (512) 633-6528 with questions or for additional information.

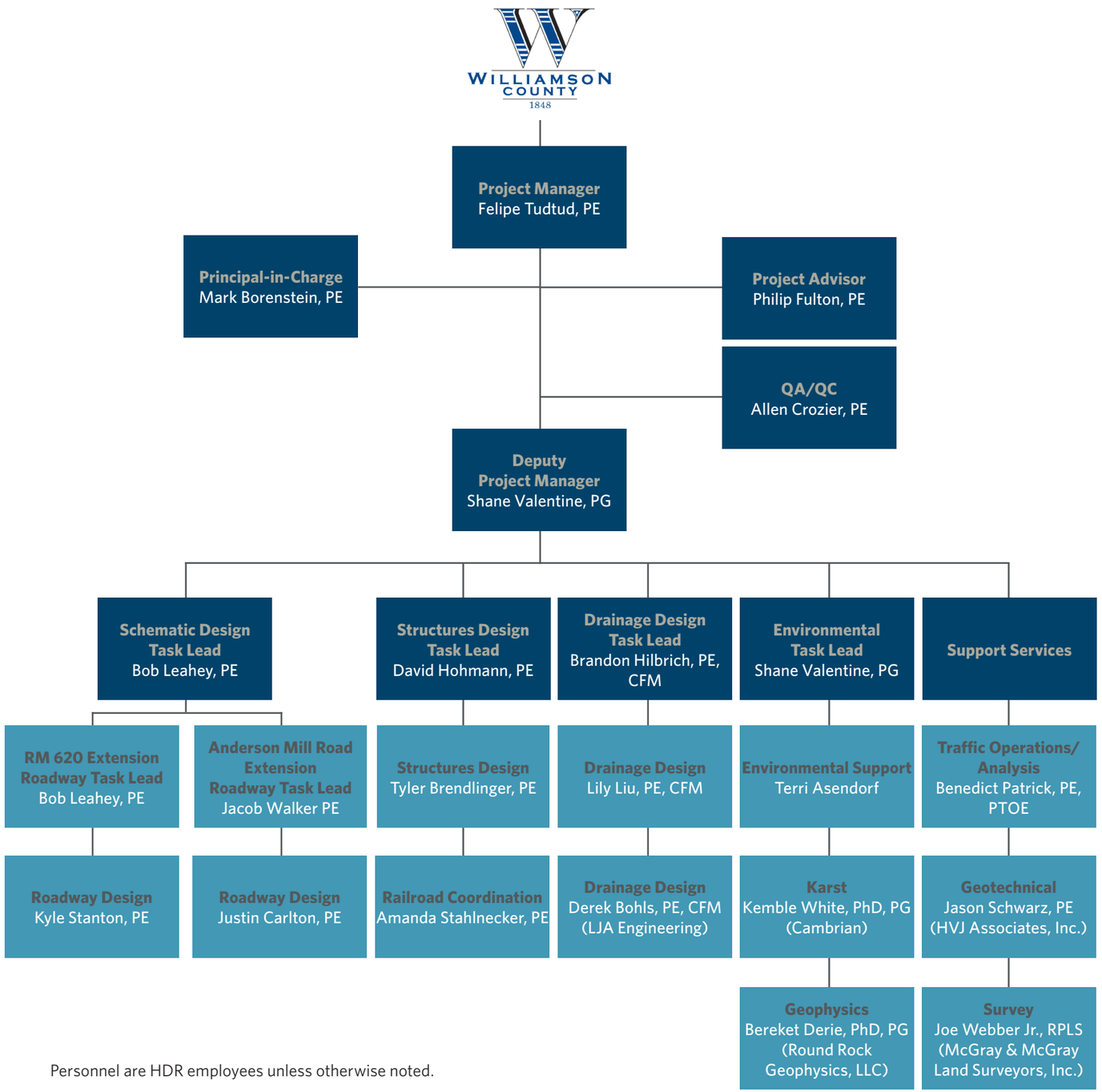
Sincerely,

Felipe Tudtud, PE
Project Manager
Point-of-Contact

Mark Borenstein, PE
Central Texas Area Manager/Vice President
Principal-in-Charge

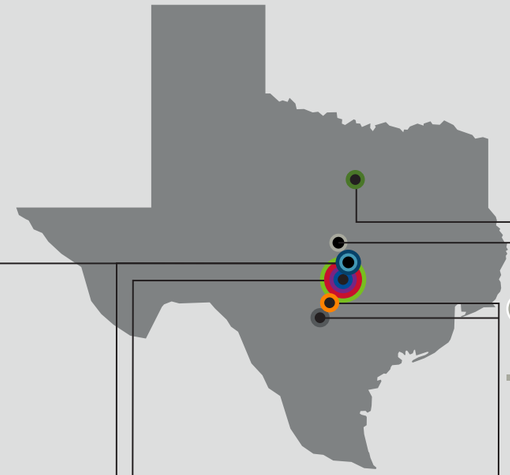
ORGANIZATIONAL CHART

We will commit the key personnel identified in this submittal and listed in the Organizational Chart to meet the project goals and objectives of Williamson County. Our team is fully committed to perform the duties represented and meet the quality and schedule requirements. Resumes for each team member shown below are included in Appendix A.



Personnel are HDR employees unless otherwise noted.

PHYSICAL OFFICE LOCATION FOR INDIVIDUALS



1 710 Hesters Crossing, Suite 150, Round Rock, TX 78681 (HDR)


Felipe Tudtud, PE


Mark Borenstein, PE


Shane Valentine, PG


Philip Fulton, PE


David Hohmann, PE


Tyler Brendlinger, PE


Jacob Walker, PE


Justin Carlton, PE


Terri Asendorf


Kyle Stanton, PE


Benedict Patrick, PE, PTOE

2 4401 West Gate Blvd., Suite 400, Austin, TX 78745 (HDR)


Bob Leahey, PE


Lily Liu, PE, CFM

3 4201 Freidrich Lane, Suite 110, Austin, TX 78744 (HVJ Associates, Inc.)


Jason Schwarz, PE

4 3301 Handcock Drive, Suite 6 Austin, TX 78731 (McGray & McGray Land Surveyors, Inc.)


Joe Webber Jr., RPLS

5 4422 Pack Saddle Pass, Suite 204, Austin, TX 78745 (Cambrian)


Kemble White, PhD, PG

6 2700 La Frontera Blvd. Round Rock, TX 78750 (LJA Engineering)


Derek Bohls, PE, CFM

7 4749 Williams Dr. , Suite 323, Georgetown, TX 78633 (Round Rock Geophysics, LLC)


Bereket Derie, PhD, PG

8 600 West Sixth Street, Fort Worth, TX 76102 (HDR)


Amanda Stahlnecker, PE

9 1290 Wonder World Drive, Suite 1230, San Marcos, TX 78666 (HDR)


*Allen Crozier, PE

*Allen splits his time 80%/20% between San Marcos and Round Rock.

10 613 NW Loop 410, Suite 700, San Antonio, TX 78216 (HDR)


*Brandon Hilbrich, PE, CFM

*Brandon splits his time 75%/25% between San Antonio and Austin as he is working on a Williamson County and TxDOT Austin District project.

All other employees report 100% of their time to the office location shown.

PROJECT MANAGER'S EXPERIENCE AND QUALIFICATIONS WITH SIMILAR PROJECTS

Our Project Manager for Williamson County's Anderson Mill Road Extension from FM 734 to Loop 1 and the roadway extension from the RM 620/SH 45 intersection to McNeil Road is **Felipe Tudtud, PE**. Felipe is a professional engineer in the State of Texas with 17 years of experience in transportation planning and design. He leads projects with multi-discipline design teams and subconsultants for TxDOT, county, and municipal clients. Felipe has the proven experience leading diverse teams of professionals and providing interdisciplinary coordination between transportation planners, environmental, right-of-way (ROW), utility coordination, surveying, geotechnical, roadway geometrics, structural, hydrology and hydraulics (H&H), and sequence of construction to reach the client's desired results with regard to quality, schedule, and budget.

Williamson County, FM 3349 at US 79. Felipe is the Roadway Task Lead and Deputy Project Manager for the schematic development of an ultimate 3.1-mile access control facility and interim Phase 1 PS&E of frontage roads over UPRR and US 79, similar to the Anderson Mill Road Extension over McNeil Road and UPRR. The design evaluated the cost/benefit analysis for steel vs. concrete structure over UPRR and US 79, utility relocation vs. additional construction cost to avoid conflict, floodplain mitigation, and ROW assessment to accommodate ultimate roadway and drainage detention using Atlas 14 for ROW preservation.

Williamson County, Corridor C SH 29 Bypass from SH 130 to SH 29. Felipe was the Roadway Task lead and Deputy Project Manager for the schematic development of a 4.5-mile new alignment access control facility for Williamson County. Felipe developed multiple routes and used an analysis matrix to evaluate and score the different alternatives. Included in the decision matrix were environmental impacts, ROW acreages, bridge structures, floodplain impacts, and public input. He internally coordinated with environmental, drainage, structures, and public involvement task leaders.

In addition to the detailed examples above, Felipe has worked on numerous projects that exhibit similar elements of design and coordination that are shown in the proposed corridors.

Felipe's Relevant Projects	Corridor Planning/ Schematic Design	New Alignment	Environmental Doc Prep/ Coordination	Multiple Agency Coordination	Railroad Grade Separation	Floodplain
FM 3349 at US 79	■		■	■	■	■
Corridor C SH 29 Bypass from SH 130 to SH 29	■	■	■	■		■
Southwest Bypass RM 2243 to IH-35	■	■	■	■	■	■
Southwest Bypass from RM 2243 to Wolf Ranch Parkway	■	■	■	■		■
Kenney Fort Blvd. (Arterial A)	■	■		■	■	■
Central Texas Turnpike System (CTTS) Planning and Feasibility Study	■		■		■	■
Loop 82	■		■	■	■	■
IH-35 at RM 2243	■		■	■		■
Loop 360 GEC	■		■	■		■
Diboll Relief Route	■	■	■	■		■

Task Leader | Deputy Project Manager | Project Manager

For more details about the projects and Felipe's tasks on the projects, please refer to his resume in Appendix A.

Felipe's relevant experience allows him to identify and mitigate constraints at the very early stages of a project. His work on new location projects, such as Corridor C, Southwest Bypass, Kenney Fort Blvd., and Diboll Relief Route, has provided him with a solid understanding of challenges, such as avoiding environmental features, accommodating water quality, and minimizing overall ROW needs that may be involved with these two corridors. His experience with the TxDOT Austin District will be a valuable asset when coordinating with the CTTS at the RM 620/SH 45 and Anderson Mill Road/Loop 1 intersections. Felipe prides himself in delivering a project on-time, on-budget with high-quality, and to the client's satisfaction.

As a resident of the County for over 14 years, Felipe wants to be part of the solution to proactively address roadway congestion and provide better mobility for a better quality of life for Williamson County residents.

PROJECT TEAM'S PLANNING AND DESIGN EXPERIENCE WITH SIMILAR PROJECTS

Our Schematic Design Task Lead is **Bob Leahey, PE.** With 33 years of transportation experience, Bob provides significant technical expertise, leadership, and mentoring to staff while managing the development of high-quality transportation planning and design deliverables for multi-disciplinary projects. He has completed numerous highway engineering projects, including corridor feasibility studies, planning and environmental linkage studies, alternatives analyses, environmental studies, stakeholder outreach and strategic communications, schematic design and preparation of plans, specifications and estimates (PS&E) for urban and rural projects. The following projects demonstrate our relevant planning and design experience.

TEAM'S EXPERIENCE/QUALIFICATIONS

TxDOT Corpus Christi District, Regional Parkway Corridor Study. This project included an alignment alternatives analysis for a new location corridor to enhance connectivity on the far south side the City. As the Project Manager, Bob completed the feasibility assessment that determined a preferred alignment based on the evaluation of several environmental and engineering criteria. Extensive public involvement and coordination with local governments was conducted and segments of independent utilities were determined. The corridor assessment determined the ultimate condition of the facility to be developed as a six-lane divided rural principal arterial.

TxDOT Austin District, IH-35 Feasibility Study. Bob was responsible for coordinating the engineering, public involvement, and environmental services associated with the identification and development of conceptual mobility solutions, feasibility analysis of those concepts, and preparation of an Implementation Plan to guide the development of the IH-35 corridor between SH 130 and RM 1431 in Williamson County. He managed a team of engineers and planners in the development of mobility concepts for possible managed lanes, main lanes, collector distributor lanes, frontage roads, ramps, cross streets, and multi-modal accommodations. Under Bob's leadership, proof of concept geometric design was developed to determine basic feasibility and enable the development of comparative analysis of the concepts.

Williamson County, Southwest Bypass IH-35 to RM 2243. During the early stages of the project, Felipe was the Schematic Lead and developed alignment alternatives and profile options for an alternative analysis matrix for the segment that went through the Texas Crush Stone Quarry and over the Georgetown Railroad. **Jacob Walker, PE, Anderson Mill Road Extension Roadway Task Lead,** took over and was responsible for the interim and ultimate schematics and phased PS&E designs. He and **Justin Carlton, PE, our proposed Roadway Designer,** refined the design criteria and produced a 3D corridor model to use in plan development and stakeholder coordination/visualizations. The team went through the TCEQ permitting and approval for construction, similar to what will ultimately be needed for this project.

Hays County, Robert S. Light Blvd. Extension (Buda Truck Bypass). Jacob was the Roadway Task Lead for the design schematic and preparation of PS&E for the extension of Robert S. Light Blvd. located approximately 1.8-miles from RM 967 to FM 1626 through an active quarry, over UPRR, across the Edwards Aquifer recharge, contributing and transition zones. Jacob developed multiple alignment alternatives using a set of criteria to minimize environmental impacts and minimize ROW needs while considering construction cost. The design schematic showed the proposed ultimate section with two 12-ft lanes and 10-ft shoulders in each direction with a 48-ft (edge of travel way to edge of travel way) center grassy median with an interim phase construction planned. The environmental document cleared the full ROW width for the proposed ultimate section.

The chart below presents our relevant experience. For more project details, please refer to staff resumes in Appendix A.

Relevant Projects	Alignment Analysis	ROW Needs Assessment	Railroad Crossing	Floodplain Impacts	Earthworks vs Retaining Wall	Phased Construction	Bike and Pedestrian Facilities	Team Members Involved in Project
Regional Parkway Corridor Study	■	■		■	■	■		Bob Leahey
IH-35 Feasibility Study	■	■	■	■	■	■	■	Bob Leahey
Southwest Bypass IH-35 to RM 2243	■	■	■	■	■	■		Jacob Walker, Felipe Tudtud, Philip Fulton, Justin Carlton, Brandon Hilbrich, Shane Valentine, Tyler Brendlinger, David Hohmann, Kemble White
FM 3349 at US 79		■	■	■	■	■	■	Felipe Tudtud, Philip Fulton, Justin Carlton, Tyler Brendlinger, Brandon Hilbrich, Benedict Patrick, Kyle Stanton, David Hohmann

PROJECT TEAM'S EXPERIENCE/QUALIFICATIONS DESIGNING AND PLANNING DRAINAGE FACILITIES FOR SIMILAR PROJECTS

Our Drainage Design Task Lead is **Brandon Hilbrich, PE, CFM**. He has 11 years of experience leading, managing, and conducting water resources, stormwater management, and transportation drainage projects. Brandon works on flood mitigation studies, as well as schematic and PS&E projects within Central Texas for TxDOT, counties, river authorities, and municipal clients. He has a thorough understanding of the rapid changes occurring in Central Texas due to population growth, as well as recent drainage criteria and regulatory changes based on implementation of the new NOAA Atlas 14 precipitation data. The following projects demonstrate our experience/qualifications designing and planning drainage facilities for similar projects.

TEAM'S EXPERIENCE/QUALIFICATIONS

Williamson County, FM 3349 at US 79. Brandon is the Drainage Task Lead. During the schematic phase, Brandon coordinated with FEMA and the local Floodplain Administrator to acquire the best available FEMA H&H models and establish the implementation of NOAA Atlas 14 rainfall data. Brandon, with the support of Justin Carlton, developed updated HEC-HMS hydrology and HEC-RAS 1D hydraulic models for the major watersheds and seven minor culverts and bridge class culvert crossings within the project area to determine ROW needs based on drainage requirements, including mitigation improvements.

Williamson County, Southwest Bypass IH-35 to RM 2243. Brandon was responsible for designing the required detention and retention basins for the Phase I, Phase II, and ultimate condition roadway project. With the support of Justin, Brandon developed existing and proposed flow conditions and sizing of each detention/retention basin using design flows and historical rainfall data as a quarry is located within the project area, providing unique constraints. He also evaluated floodplain impacts to one FEMA regulated Zone AE floodplain within the Phase I project limits, which required coordination with the local Floodplain Administrator.

TxDOT Austin District, Mobility 35 North 16. Lily Liu, PE, CFM, our proposed Drainage Designer, led the drainage design on the schematic level drainage impact analysis for the proposed transportation improvements along 16 miles of IH-35 from the Travis County line to midtown Austin. Lily's responsibilities included updating hydrologic calculations to reflect additional impervious cover using appropriate methods and modeling tools such as HEC-HMS; evaluating culvert hydraulics using HEC-RAS and HY-8; outfall to outfall impact analyses; alternatives analyses at Brushy Creek Bridge to mitigate adverse impact at this FEMA Zone AE crossing; scour analyses and erosion impacts analyses at each outfall; TSS removal calculations and BMPs design to mitigate water quality impacts to comply with TCEQ Edwards Aquifer rules; and detention pond sizing and footprint design to determine additional ROW needs. Lily also assisted in the ditch capacity design for the roadway group.

Williamson County, North Mays Extension. Derek Bohls, PhD, PG (LJA), our proposed Drainage Designer, performed floodplain analysis on a FEMA crossing using HEC-RAS and HEC-HMS. He coordinated with the Upper Brushy Creek Water Control and Improvement District regarding development in the designated inundation easement behind Dam #11. He performed drainage design for PS&E, including storm sewer, ditch cross culvert design, and water quality design. He also prepared a Water Pollution Abatement Plan to be submitted to TCEQ for approval.

The chart below presents our relevant experience. For more project details, please refer to staff resumes in Appendix A.

Relevant Projects	Prelim Detention Sizing	TCEQ Permitting	WPAP Design	HEC-HMS/HEC-RAS	Ditch Sizing	Culvert Analysis	Floodplain Mitigation	Team Members Involved in Project
FM 3349 at US 79	■			■	■	■	■	Brandon Hilbrich, Felipe Tudtud, Philip Fulton, Justin Carlton, Tyler Brendlinger, Benedict Patrick, Kyle Stanton, David Hohmann
Southwest Bypass IH-35 to RM 2243	■	■	■	■	■	■	■	Brandon Hilbrich, Felipe Tudtud, Philip Fulton, Shane Valentine, Justin Carlton, Jacob Walker, Tyler Brendlinger, Kemble White, David Hohmann
Mobility 35 North 16	■	■		■	■	■	■	Lily Liu
North Mays Extension		■	■	■	■	■	■	Derek Bohls

PROJECT TEAM'S EXPERIENCE/QUALIFICATIONS PROVIDING STRUCTURES PLANNING AND/OR DESIGN

Our Structures Design Task Lead, **David Hohmann, PE**, has 38 years of bridge design and project management experience. He served as a Senior Bridge Design Engineer and Director of the Bridge Division over his 29 year tenure with TxDOT. As the Division Director, David had statewide responsibilities for construction, project development, inspection, and design activities. He managed resources on large bridges over railroads, waterways, interchanges, and freeway projects totaling over $1B. He brings his vast experience of managing resources on large bridges over railroads, waterways, interchanges, and freeway projects to this project. The following projects demonstrate our experience and qualifications providing structures planning and design.

TEAM'S EXPERIENCE/QUALIFICATIONS

Williamson County, Southwest Bypass IH-35 to RM 2243. David was Project Manager and Structural Task Lead responsible for the PS&E for the two-lane interim configuration. He coordinated between TxDOT, the GEC, Georgetown Railroad, City of Georgetown, and Williamson County. He was also responsible for subconsultant coordination, QA/QC oversight, design scheduling, construction scheduling, estimate of probable construction costs, and bid phase services. David worked with **Tyler Brendlinger, PE, our proposed Structures Designer,** on structural designs. Tyler designed the structural elements of this project. Careful consideration was taken for potential impacts due to hauling vehicles in the quarry below, along with blast loading effects on substructure elements. The typical section was optimized to a deeper Tx I-Girder to eliminate a beam line for six-spans, lowering the overall bridge cost.

Williamson County, FM 3349 at US 79. David was the Structural Task Lead for the schematic development, the Senior Structural Technical Advisor for the development of the Phase 1 PS&E, and Constructability Reviewer responsible for verifying that the initial construction phases accommodated the complex structures. With the support of Tyler, David proposed a cost-effective steel structure bridge over UPRR and US 79 ML for the SBFR direction while only proposing a steel structure over UPRR and keeping a concrete girder over US 79 for the NBFR direction. David's project responsibilities included structural solutions that met vertical clearance requirements, and the demand in the initial phases of the project.

City of Round Rock, Kenney Fort Blvd. (Arterial A). David was the Structural Lead for Construction Engineering and Inspection (CEI) and Change-Order Design Project Manager for this project that included three bridges within a major urban arterial project. The project included a major railroad bridge overpass, and a water crossing connecting US 79 with an urban arterial. David was on-call and on the job regularly to direct and advise the client with successful solutions to these challenges.

Hays County, Kohlers Crossing over UPRR. Tyler is the Bridge Task Lead for this project. Tyler evaluated three potential alternatives, including two Tx I-Girders option bridges in conjunction with retaining walls built up to an economical height. The third option evaluated was a railroad through-plate girder bridge. He worked closely with roadway, utilities, and drainage teams to determine what the best alternative was based on cost, drainage considerations, and traffic operations. The recommended configuration was a multi-span Tx I-Girder bridge with frontage roads used to access adjacent properties. The Tx I-Girder spanned the entire UPRR ROW, using both normal and skewed substructures.

The chart below presents our relevant experience. For more project details, please refer to staff resumes in Appendix A.

Relevant Projects	Railroad Crossing	Floodplain Crossing	Steel Structure	Tx I-Girder Structure	Direct Connectors	Team Members Involved in Project
Southwest Bypass IH-35 to RM 2243	■	■	■	■	■	David Hohmann, Tyler Brendlinger, Felipe Tudtud, Philip Fulton, Shane Valentine, Brandon Hilbrich, Jacob Walker, Justin Carlton, Kemble White
FM 3349 at US 79	■	■	■	■	■	David Hohmann, Tyler Brendlinger, Felipe Tudtud, Philip Fulton, Brandon Hilbrich, Justin Carlton, Benedict Patrick
Kenney Fort Blvd. (Arterial A)	■	■	■	■		David Hohmann, Felipe Tudtud, Philip Fulton, Benedict Patrick
Kohlers Crossing over UPRR	■	■	■	■	■	David Hohmann, Tyler Brendlinger, Felipe Tudtud

PROJECT TEAM'S EXPERIENCE/QUALIFICATIONS PROVIDING ENVIRONMENTAL DOCUMENTATION AND CLEARANCE FOR ROADWAY PROJECTS IN CENTRAL TEXAS

Our Environmental Design Task Lead is **Shane Valentine, PG**. He has 24 years of project management experience with complex NEPA documentation, advanced planning, corridor planning, environmental studies, Edwards Aquifer regulations, geologic assessments and karst surveys, TCEQ water quality permits and compliance, and water pollution abatement plans (WPAPs). Shane has extensive knowledge of federal and state transportation and environmental laws and regulations, including 43 Texas Administrative Code, the National Environmental Policy Act (NEPA), 23 Code of Federal Regulations (CFR) 771, 23 CFR 450, and the Transportation Conformity Regulations (40 CFR, Parts 51 and 93).

TEAM'S EXPERIENCE/QUALIFICATIONS

Williamson County, O'Connor Blvd. Extension. This 1.7-mile $6M project connecting RM 620 to IH-45 was one of the more challenging projects to get to construction. While working on the Williamson County GEC, Shane developed the local environmental document following the decision to move forward with County funding. Shane drafted the "NEPA Light" documentation for the County funded construction of O'Connor Blvd. following cancellation of the TxDOT funded roadway due to karst related endangered species complications. He and **Kemble White, PhD, PG (Cambrian), our proposed Karst Task Lead,** drafted the environmental documentation for the roadway and assisted with the coordination and documentation of the project and karst impacts with the Williamson County Habitat Conservation Plan. Shane performed QA/QC of the archaeological survey report, coordinated of Right-of-Entry for field surveys for waters of the U.S., karst/geologic assessments, archaeological surveys, hazardous materials investigation, and threatened and endangered species coordination and mitigation.

TxDOT Austin District, US 290/SH 71 Oak Hill Parkway EIS. Shane was the Environmental Task Lead for this seven-mile, eight-lane urban, $640M highway improvement of the US 290 and SH 71 interchange in southwest Austin. As the Environmental Task Lead, Shane and **Terri Asendorf, our proposed Environmental Support**, were involved with and managed the technical studies, DEIS, FEIS, and ROD of particular interest was the geologic assessment/karst evaluation and water quality goals for the project. The geologic assessment was included in the USFWS formal Section 7 consultation for the endangered Barton Springs Salamander, and the WPAP developed for TCEQ water quality compliance.

Williamson County, Southwest Williamson County Regional Park. Shane led the Geologic Assessment and karst survey of the 800-acre Southwest Williamson County, Regional Park. He was responsible for producing the geologic assessment documentation for submittal to TCEQ for Edwards Aquifer Recharge Zone water quality permitting. The park contains dozens of high-quality karst features, including caves and sinkholes that provide habitat for endangered karst invertebrates. Shane assisted the County in the production of USFWS Section 7 and Section 10 consultation documents, permits, and negotiations of karst feature set-back limits and best management practices to meet the needs of the karst species and allow for the development of the park project.

The chart below presents our relevant experience. For more project details, please refer to staff resumes in Appendix A.

Relevant Projects	Williamson County	TCEQ Permitting	Karst	Waters of the U.S.	Endangered Species	Public Involvement	Team Members Involved in Project
O'Connor Blvd. Extension	■	■	■	■	■	■	Shane Valentine, Kemble White
US 290/SH 71 Oak Hill Pkwy		■	■	■	■	■	Shane Valentine, Terri Asendorf , Bereket Derie
Southwest Williamson County Regional Park	■	■	■	■	■		Shane Valentine
Williams Drive Improvements	■	■	■	■		■	Terri Asendorf
Southwest Bypass IH-35 to RM 2243	■	■	■	■	■	■	David Hohmann,Tyler Brendlinger, Felipe Tudtud, Philip Fulton, Shane Valentine, Brandon Hilbrich, Jacob Walker, Justin Carlton, Kemble White

AVAILABILITY

We recognize that our client's requirements vary throughout the development of the project, and we will adjust technical resource staffing as needed to meet your expectations. Our Project Manager, **Felipe Tudtud, PE**, will regularly review and assess staffing needs for the planning and design of Anderson Mill Road Extension and RM 620/SH 45 Roadway Extension. This will be accomplished through work plan meetings with task leads that will be held on a weekly basis and will include subconsultant staffing and deliverable scheduling as well. The table below lists the availability of our Project Manager, Task Leaders, and relevant staff as of the expected NTP date of December 2020. The team members listed here are fully committed and available to work on this project, and no team member listed will be replaced without prior approval by Williamson County.

Name	Project Role	% Availability to the County	Projects in Progress	% Committed to Current Workload	Completion Date
Felipe Tudtud, PE	Project Manager	70%	Williamson County, FM 3349 at US 79	20%	Aug. 2021
			TxDOT Austin District, SL 360 GEC	10%	Jun. 2023
Shane Valentine, PG	Deputy Project Manager/Environmental Task Lead	45%	TxDOT Austin District, IH-35 Capital Express	35%	Sep. 2021
			City of Austin, Corridor Mobility Program	15%	Late 2021
			TxDOT Corpus Christi District, US 77 Sinton Bypass	5%	Jul. 2021
Mark Borenstein, PE	Principal-in-Charge	30%	City of Austin, Corridor Mobility Program	50%	Dec. 2021
			Misc. Projects and Office Management	20%	On-Going
Philip Fulton, PE	Project Advisor	20%	TxDOT Austin District, IH-35 Capital Express	40%	Sep. 2021
			Williamson County, FM 3349 at US 79	30%	Aug. 2021
			City of Round Rock, CR 112 Schematic	10%	Mar. 2021
Allen Crozier, PE	QA/QC	25%	Hays County, Robert S. Light Blvd. Extension	15%	May. 2022
			TxDOT Austin District, SLC 360 GEC	45%	Jun. 2023
			Hays County, SH 21 Corridor Preservation Study	15%	Nov. 2020
Bob Leahey, PE	Schematic Design Task Lead/ RM 620 Extension Roadway Task Lead	30%	City of Austin, Corridor Mobility Program	70%	Dec. 2024
Jacob Walker, PE	Anderson Mill Road Extension Roadway Task Lead	50%	City of Taylor, City Engineering	20%	On-Going
			Hays County, Robert S. Light Blvd. Extension	20%	Mar. 2021
			City of Austin, Sidewalk Field Engineering	10%	On-Going

Name	Project Role	% Availability to the County	Projects in Progress	% Committed to Current Workload	Completion Date
Justin Carlton, PE	Roadway Design	50%	Williamson County, FM 3349 at US 79	50%	Aug. 2021
David Hohmann, PE	Structures Design Task Lead	60%	TxDOT Austin District, US 183 at IH-35 Direct Connector, Construction Phase Services	15%	Aug. 2021
			Hays County, Kohlers Crossing	10%	May. 2021
			TxDOT Bridge Division, Statewide IDIQ	10%	Dec. 2022
			Williamson County, FM 3349 at US 79	5%	Aug. 2021
Tyler Brendlinger, PE	Structures Design	65%	Williamson County, FM 3349 at US 79	30%	Aug. 2021
			NYSDOT, Kew Gardens Interchange	5%	Jan. 2021
Amanda Stahlnecker, PE	Railroad Coordination	10%	TxDOT, Grade Separation Study	20%	Jun. 2021
			UPRR, Englewood Yard	20%	Jan. 2021
			DART, D2 Subway	10%	Oct. 2020
			UPRR, Callaghan Siding Extension	10%	Nov. 2020
			UPRR, Gardendale and Yardbourough Siding Extension	10%	Feb. 2021
			Williamson County, FM 3349 at US 79	5%	Mar. 2021
			Misc. Projects	15%	On-Going
Brandon Hilbrich, PE, CFM	Drainage Design Task Lead	55%	Williamson County, FM 3349 at US 79	20%	Aug. 2021
			TxDOT Corpus Christi District, US 77 Sinton Bypass	10%	Dec. 2020
			City of Round Rock, CR 112	10%	Mar. 2021
			TxDOT Austin District, CTTS	5%	May. 2021
Lily Liu, PE, CFM	Drainage Design	50%	TxDOT Austin District, IH-35 Capital Express	20%	Sep. 2021
			UPRR, Englewood Yard Drainage Design Phase 2	15%	On-Going
			City of Austin, Williamson Creek Flood Mitigation	15%	On-Going
Derek Bohls, PE, CFM (LJA Engineering)	Drainage Design	60%	Williamson County, Liberty Hall Bypass	20%	Jan. 2020
			Williamson County, Southwest Bypass	20%	Jan. 2020

Name	Project Role	% Availability to the County	Projects in Progress	% Committed to Current Workload	Completion Date
Terri Asendorf	Environmental Support	40%	TxDOT Austin District, IH-35 Capital Express	25%	Sep. 2021
			City of Austin, Corridor Mobility Program	15%	Late 2021
			TxDOT Corpus Christi District, US 77 Sinton Bypass	10%	Jul. 2021
			TxDOT Lufkin District, US 59 Lufkin	10%	Late 2023
Kemble White, PhD, PG (Cambrian)	Karst	50%	WCCF, HCP Support Services	25%	To Be Determined
			TxDOT Austin District, SL 360 GEC	5%	Oct. 2021
			CTRMA, MoPac South	5%	2021
			Misc. Projects	15%	Dec. 2020
Bereket Derie, PhD, PG (Round Rock Geophysics, LLC)	Geophysics	50%	Confidential Project	20%	Confidential
			Confidential Project	20%	Confidential
			Confidential Project	10%	Confidential
Benedict Patrick, PE, PTOE	Traffic Operations/ Analysis	80%	City of Austin, Corridor Mobility Program	15%	Dec. 2021
			City of Round Rock, Traffic On-Call	5%	Apr. 2021
Jason Schwarz, PE (HVJ Associates, Inc.)	Geotechnical	30%	HNTB, US 181 Harbor Bridge GEC OVT	40%	Oct. 2025
			Atkins, Oak Hill Parkway	30%	Aug. 2024
Joe Webber, RPLS (McGray & McGray Land Surveyors, Inc.)	Survey	55%	Capital Metro, Orange Line	10%	Jan. 2021
			The Rios Group, QL-B SUE Survey Services	10%	Dec. 2020
			Williamson County, CR 282	10%	Nov. 2020
			Texas Parks & Wildlife, Texas Parks & Wildlife Survey RL	5%	Dec. 2020
			Misc. Projects	10%	On-Going

PROJECT UNDERSTANDING

Our team offers technical expertise and knowledge of local issues to complete this project successfully The following sections briefly discuss our understanding of the project and approach on key issues.

Environmental. Shane and his team will begin early constraints mapping and coordination with the designers to help select the alignment that avoids, reduces, or mitigates environmental impacts. Karst voids in this area may present structural and hydrogeologic constructability issues. Karst voids encountered during construction may require mitigation. The Bone Cave Harvestman (*Texella reyesi*) and Tooth Cave spider (*Tayshaneta myopica*) protected under the Endangered Species Act are known in this area. Karst surveys may need to include presence/absence investigations for endangered invertebrates. The Bone Cave Harvestmen can be mitigated by enrolling the project in the Williamson County Regional Habitat Conservation Plan (RHCP). The Tooth Cave Spider is not covered under the Williamson County RHCP and potential mitigation must be considered in project development. Jollyville Plateau Salamander (*Eurycea tonkawae*) are known to occur within springs and spring-fed channels in the Brushy Creek watershed, including the crossing at Lake Creek. An impact analysis will be necessary in this area, as well as areas where springs or spring-fed channels occur. For Environmental Clearance we anticipate a county level NEPA Lite documentation to cover applicable state and federal laws. However, if federal or state funds become available, the studies will be completed in an applicable TxDOT format that can be effortlessly submitted for TxDOT review and approval.

Drainage/Floodplain. The Anderson Mill Road extension crosses Rattan Creek within the Upper Brushy Creek Watershed Zone AE Floodplain. The RM 620 extension corridor crosses Davis Spring Branch, Lake Creek just downstream of NRCS Dam Site 8, and Rattan Creek. From experience on the CTTS Planning and Feasibility Study and FM 3349 Schematic, we aware of the current and planned future FEMA floodplain mapping updates in Williamson County and drainage design criteria changes for Atlas 14. Early coordination with the County Floodplain Administrator will be critical to establishing the baseline drainage condition and determining whether to use the City of Austin "surrogate design storm" approach or evaluate updating the project area with revised Atlas 14 rainfall data. During the schematic phase, detailed H&H models would be developed to establish revised existing conditions floodplain extents. The design intent will be to span the entire 100-year floodplain to provide no rise along each riverine system outside County ROW or easements. Impacts from additional impervious cover will be evaluated to determine detention requirements. From our experience working with UBCWCID on the Dam Risk Assessment Studies, the available Dam Sites 8 and 9 facility information will be incorporated in the existing conditions update and floodplain impact analysis.

Schematic/Roadway. From the CAMPO 2045 plan, both corridors will be a MAD 4, but with unknowns on the Robinson Ranch development and possible transit centers in this area, MAD 6 could be considered with an interim phase construction. The design team will evaluate multiple alignments and use an alignment analysis matrix to help with the decision process on the preferred alignment. We will evaluate impacts to: environment (cultural, wetlands, water quality, karst, wildlife habitats, and land use), engineering (ROW acreage, utility flood, and flood impacts), mobility (network connectivity, access and operations to Austin White Lime quarry), public input, and construction cost. We will present the results to the County, GEC, Commissioner Cook, and major stakeholders as needed. Traffic operations will need to be considered at the area of Pearson Ranch Road/FM 620/SH 45N due to the close vicinity of the two intersections. Although the proposal states that Anderson Mill Road will terminate at Loop 1, there is an opportunity to extend the roadway to FM 1325 or to connect to Grand Ave Pkwy. The team will utilize existing dedicated/reserved ROW as much as possible. We will coordinate with the TxDOT Austin District on future frontage road extensions to provide connectivity to Anderson Mill Road at Loop 1.

WPAP. The project lies within the Edwards Aquifer Recharge Zone requiring Best Management Practices (BMPs) to treat stormwater runoff from new impervious cover. Preliminary BMPs will be recommended such as vegetative filter strips, grassy swales, sand filter ponds, or jellyfish/storm troopers to assess ROW needs.

Bridge. We have preliminarily identified five features requiring grade separations to traverse. Our team has planned and designed structural solutions on projects with near-identical requirements in and around Williamson County within the last 10 years. The two bridges over the Capital Metro railroad are very similar to the SW Bypass Bridge over Georgetown Railroad and require a clear span of the railroad ROW using conventional prestressed concrete Tx I-Girder spans. The Rattan Creek Bridge will consist of a low-profile bridge using shallow, prestressed concrete beams or boxes for economy and hydraulic efficiency, similar to what we did on Kenney Fort Blvd. Finally, the crossing over McNeil/UPRR might go beyond the typical limits of an Tx I-Girder span, thus requiring steel structures like FM 3349 over US 79/UPRR crossing. A steel clear span of 200' will be required over the railroad ROW and McNeil Road. Each bridge will use TxDOT standards and precast bridge elements to the extent practical for an economical solution.

Stakeholder Coordination. The team will work proactively with the GEC and public involvement staff to develop exhibits necessary for coordination with UPRR, Capital Metro, RRISD, TxDOT, City of Austin, and Private Stakeholders, during the preliminary schematic design. The team will locate columns outside the railroad ROW.

Utilities. We will coordinate with the County's GEC to facilitate utility coordination and utility conflicts.

Appendix A: Resumes



Felipe Tudtud, PE
Project Manager

Felipe has 17 years of experience throughout Texas, including managing schematic and final design PS&E projects. His experiences include corridor planning, schematic development, urban and rural street reconstruction, pedestrian and bicycle facilities, budgeting, scheduling, employee supervision, project management, and construction management (including pre and post-construction activities).

EDUCATION
Bachelor of Science, Civil Engineering, University of Texas at Austin, 2004

REGISTRATIONS
Professional Engineer, TX, No. 104836

INDUSTRY TENURE
17 Years

HDR TENURE
5 Years

RELEVANT EXPERIENCE

Williamson County, FM 3349 at US 79, Williamson County, TX. Roadway Task Lead and Deputy Project Manager. This project involved the development of a 3.1-mile access control facility, including mainlanes, frontage roads, two major freeway interchanges, eight direct connectors, and shared-use path for Williamson County. He is currently the Roadway Task Leader for the PS&E development of the 3.1 mile Phase 1 Construction consisting of curb and gutter frontage roads. Felipe and the bridge group were able to propose a cost-effective bridge over UPRR and US 79 ML while accommodating for future developments that might require a separate rail or roadway network underneath the bridges in addition to the UPRR line. Felipe's project responsibilities include horizontal/vertical alignments, ROW determination, retaining wall design, vertical clearance calculations, typical sections, cost estimate, and cross-sections.

Williamson County, Corridor C SH 29 Bypass from SH 130 to SH 29, Georgetown, TX. Roadway Task Lead and Deputy Project Manager. Felipe was the Roadway Task Lead and Deputy Project Manager for the schematic development of a 4.5 mile new alignment access control facility, including mainlanes, frontage roads, three major freeway interchanges, eight direct connectors (DCs), and shared-use path for the County. He implemented the use of OpenRoads Technology since the team had multiple alternative routes and environmental constraints under consideration. Using OpenRoads technology helped reduce the time to develop a conceptual schematic and identify the limits of construction. Through this implementation, Felipe reduced the time for a redesign to consider different environmental constraints, accurately locate retaining walls, identify proposed ROW with better precision than 100-ft cross-sections, and create a 3D model for visualization purposes. Felipe's project responsibilities included horizontal/vertical alignments, retaining wall locations, vertical clearance calculations, typical sections, cross-section, quantities and estimate, and coordination with environmental, drainage, structures, and public involvement task leaders.

TxDOT Austin District, Loop 360 GEC, Austin, TX. GEC Project Manager. Felipe was the GEC Project Manager for the RM 2244 to Loop 1 segment. This segment is proposed to be a full access control facility, including mainlanes, frontage roads, three-grade separation intersections, and shared-use path for TxDOT Austin District. Felipe worked closely with the consultant designers to develop ramp configuration alternatives and overpass/underpass options to satisfy stakeholder comments. Through close coordination, the designers were able to eliminate options that were not unfeasible and provide documentation if requested by the stakeholders. As the GEC Project Manager

FELIPE TUDTUD, PE (CONTINUED)

for the Segment, Felipe's responsibilities included coordination with the environmental group, public involvement, utility group, and design consultants. Design consultants include roadway, drainage, and structure groups. Felipe had weekly meetings with the TxDOT Project Manager for coordination.

TxDOT Austin District, Central Texas Turnpike System Planning and Feasibility Study, Travis and Williamson Counties, TX. Schematic Task Lead. Felipe was the Schematic Task Leader overseeing conceptual schematic design improvements for Loop 1, SH 45N, SH 130, and SH 45SE toll facilities. The projects were broken up into short/mid/long-term enhancements based on a prioritization matrix for each of the corridors. He had weekly meetings with the traffic and design groups to break down this large project into smaller pieces. With this approach, multiple teams were able to continue working seamlessly. Felipe's project responsibilities included horizontal/vertical alignments, retaining wall locations, vertical clearance calculations, typical sections, cross-section, quantities and estimate, and coordination with the traffic, environmental, drainage, and structures group.

City of Round Rock, Kenney Fort Blvd. (Arterial A), Round Rock, TX. Schematic Engineer, Drainage Task Leader, and Lead Project Engineer. Felipe was the Schematic Engineer for the alignment alternatives and schematic of a 1.3 mile new six-lane major divided arterial for the City. The proposed road provided a connection between existing dead-end roads of Joe DiMaggio Blvd. and Forest Creek Dr. The schematic was for the six-lane major divided arterial and initial PS&E for a three-lane section. After the traffic impact study, the City decided to build the six-lane arterial. Felipe was the Drainage Task Leader and Lead Project Engineer for the PS&E. The project consisted of curb and gutter, shared-use paths, retaining walls, two bridge structures (UPRR railroad bridge and bridge over Brushy Creek), and a close storm sewer system from Joe DiMaggio Blvd. to Forest Creek Dr. Felipe's responsibilities included roadway drainage design, refinement of the horizontal/vertical alignments, cross-section generation, retaining wall layouts, signing and striping, SW3P, quantities and estimates, request for information questions, and coordination with subconsultants and surveyor.

TxDOT Austin District, IH-35 from RM 2243 to Inner Loop, Georgetown, TX. Deputy Project Manager and Roadway Task Lead. Felipe was the Deputy Project Manager and Roadway Task Lead for the schematic development of a 0.9 mile urban interstate interchange, including SB frontage road, braided ramps, cross street improvements, and shared-use path. The initial design on this project was a partial continuous flow intersection (CFI) due to traffic improvements. After several meetings with the GEC and TxDOT staff in which Felipe and others highlighted challenges with access to adjoining property owners, TxDOT requested the team to look at conventional interchange improvements. Felipe worked closely with the traffic lead and provided an alternative to the partial CFI. The conventional interchange improvement provided better access to property owners, and thus the design was pushed forward. Felipe led internal meetings with environmental, drainage, structures, and public involvement task leads. He was responsible for horizontal/vertical alignments, 3D model, retaining wall locations, vertical clearance calculations, conceptual traffic control plan, typical sections, cross-section, and quantities and estimates.

City of Georgetown, Southwest Bypass, Georgetown, TX. Lead Schematic Engineer and Drainage Task Lead. Felipe was the Lead Schematic Engineer for the development of a 1.8 mile new alignment access control facility for the City of Georgetown. This project included the design of a six-lane divided highway over the San Gabriel River from RM 2243 to SH 29 west of IH-35. Felipe was also the Drainage Task Lead for the PS&E interim project. This included ditch design, WPAP, erosion control, and culvert crossing. Felipe's responsibilities for the schematic included alternative alignments to avoid karst features, cross-section generation of the divided highway, preliminary water quality features, and quantities and cost estimates.

City of Georgetown, Wolf Ranch Parkway, Georgetown, TX. Roadway and Drainage Task Lead. Felipe was the Roadway and Drainage Task Lead for the schematic and PS&E. The schematic was for a new five-lane minor arterial ultimate section that connected the proposed SW Bypass to DB Woods. With a challenging existing terrain, horizontal/vertical alignments were designed to minimize the ROW limits and avoid major impacts to the known karst features in the area. The PS&E consisted

FELIPE TUDTUD, PE (CONTINUED)

of using the horizontal and vertical alignment of the ultimate section. This project is in the Edwards Aquifer Recharge Zone, and therefore Felipe led the effort in the preparation of a water pollution abatement plan, both permanent and temporary. In addition, Felipe's responsibilities included cross culvert analysis and design, SW3P, signing and striping, cross-section generation, quantities, and cost estimate, and coordination with the City and environmental subconsultants.

TxDOT Austin District, IH-35 from Rundberg Lane to US 290E, Austin, TX. Roadway Task Lead and Deputy Project Manager. This project involved the schematic development of a 1.2 mile urban interstate facility on IH-35 from Rundberg Lane to US 290E. The improvements included frontage roads, two major freeway interchanges, four DCs, two collector distributors, and a shared-use path. With the improvements located at the heart of a commercially developed corridor, minimizing stakeholder impacts was critical. Felipe created the horizontal/vertical alignments for four DCs along with the other alignments; IH-35 NB to US 183 NB (partially reconstructed DC), IH-35 SB to US 183 SB (new), US 183 NB to IH-35 NB (new), and IH-35 SB to US 183 NB (new). At the initial phase of the schematic, only two new DCs were proposed (IH-35 SB to US 183 SB and US 183 NB to IH-35 NB). Felipe further evaluated the TCP for IH-35 NB to US 183 NB. During the evaluation, it was determined that IH-35 SB to US 183 NB DC would be a great value to add to the project since it could be used as a detour route when IH-35 NB to US 183 NB was under construction. Felipe designed the DCs to meet future US 183 SB to IH-35 NB DC by verifying that future vertical clearances were met, the future DC could tie-in to US 183 NB to IH-35 NB DC, and reasonable vertical grades for DCs. Felipe used 3D modeling to refine the horizontal/vertical alignments and determined locations of retaining walls to avoid impacts to parking spaces and commercial buildings. Felipe's responsibilities included typical sections, cross-sections, quantities and estimate, participation in the public meeting and hearing, and coordination with other task leaders and subconsultants for the project.

TxDOT Pharr District, FM 676 from SH 364 to SH 107, Alton, TX. Project Manager. Felipe led the schematic development and PS&E of a 2.4 mile FM Road. The reconstruction consisted of improving a two-lane roadway to a four-lane plus a continuous left-turn lane, right-turn bays at major intersections on FM 676, and left-turn lanes on the intersecting streets for TxDOT Pharr District. As the Project Manager, Felipe participated in a public hearing and he listened to concerns from the residents in one area due to the roadway getting closer to their houses without ROW acquisition. Felipe talked through the design with the residents and other issues being solved and encouraged the residents to provide an official comment so the State could provide an official response. Felipe believes in holistic discussion to provide a more comprehensive design

TxDOT Lufkin District, US 59 from FM 2914 to SL 573, Shepherd and Cleveland, TX. Project Manager. Felipe led the schematic development of a 6.6 mile US highway conversion to future Interstate facility. The project included mainlanes, frontage roads, two overpasses, ramps, six creek crossings, and multiple wetland crossings. The TxDOT Project Manager stated that it was difficult to obtain approval on permits for wetland impacts on her other projects, so the team proactively recommended bridge structures to minimize impacts to the wetlands. Felipe led weekly internal meetings with the drainage, structures, and public involvement leads and held external project updates with TxDOT's Project Manager, and managed the schedule, budget, and quality of the design. Felipe supervised the schematic design, drainage report, and environmental assessment for the project.

TxDOT Austin District, Loop 82 Reconstruction Project, San Marcos, TX. Drainage Task Leader and Roadway Project Engineer. The project included the reconstruction of the five-lane roadway from Thorpe Lane to Charles Austin Drive. The project included the grade separation of Loop 82 and a new at-grade crossing for Texas State University students using the parking lot or going to the football games. Felipe designed the roadway storm sewer drainage, cross-section generation, and assisted in the refinement of the horizontal and vertical alignment of the roadway.



Shane Valentine, PG

Deputy Project Manager, Environmental Task Lead

Shane is a Professional Geoscientist registered in the State of Texas. He has 24 years of project management experience with complex National Environmental Policy Act (NEPA) documentation, advance planning, corridor planning and environmental studies, Edwards Aquifer regulations, geologic assessments, karst surveys, as well as Texas Commission on Environmental Quality (TCEQ) water quality permits and compliance. Shane has extensive knowledge of federal and state transportation and environmental laws and regulations, including the 43 Texas Administrative Code, the National Environmental Policy Act (NEPA), 23 Code of Federal Regulations (CFR) 771, 23 CFR 450, and the Transportation Conformity Regulations (40 CFR, Parts 51 and 93).

EDUCATION
Master of Science, Geological Sciences, University of Texas Austin, 2004

Bachelor of Science, Geology, Cornell College, 1997

INDUSTRY TENURE
24 Years

HDR TENURE
4.5 Years

RELEVANT EXPERIENCE

Williamson County, O'Connor Blvd. Extension, TX. GEC Environmental Lead. The 1.7-mile ~$6M O'Connor Blvd. Extension project connecting RM 620 to IH-45 was one of the more challenging projects to get to construction. While working on the Williamson County GEC, Shane developed the local environmental document following the decision to move forward with county funding. He drafted the "NEPA Light" documentation for the County funded construction of O'Connor Blvd. following cancellation of the TxDOT funded roadway due to karst related endangered species complications. He drafted the environmental documentation for the roadway and assisted with the coordination and documentation of the project and karst impacts with the Williamson County Habitat Conservation Plan. Shane performed QA/QC of the archaeological survey report, coordination of right-of-entry for field surveys for waters of the U.S., karst/geologic assessments, archaeological surveys, hazardous materials investigation, and threatened and endangered species coordination and mitigation.

TxDOT Austin District, US 290/71 Oak Hill Parkway Environmental Impact Statement (EIS), Austin, TX. Environmental Task Lead. Shane led the seven-mile, eight-lane urban, $640M highway improvement of the US 290 and SH 71 interchange in southwest Austin between Loop 1 (MoPAC) and FM 1826. As the Environmental Task Lead, he was involved with and managed the technical studies, Draft Environmental Impact Statement (DEIS), Final Environmental Impact Statement (FEIS), and Record of Decision (ROD). Of particular interest was the geologic assessment/karst evaluation and water quality goals for the project. The geologic assessment was included in the USFWS formal Section 7 consultation for endangered Barton Springs Salamander and the Water Pollution Abatement Plan (WPAP) developed for TCEQ water quality compliance.

Williamson County, Williams Drive Improvements Categorical Exclusion (CE) and Geologic Assessment, TX. Karst Task Lead. The two-mile, $20M Williams Drive improvements project reconstructed the Williams Drive intersection with IH-35, added and improved frontage roads, and included collector-distributor ramps and a shared-use path. Shane was responsible for a karst survey of areas in the Edwards Aquifer Recharge Zone and development of the Geologic Assessment document for submittal to TCEQ as part of the WPAP.

SHANE VALENTINE, PG (CONTINUED)

Southwest Williamson County, Regional Park, Leander, TX. Karst Investigation Lead. Shane led the Geologic Assessment and karst survey of the 800-acre SWWCRP. He was responsible for producing the geologic assessment documentation for submittal to TCEQ for Edwards Aquifer Recharge Zone water quality permitting. The park contains dozens of high-quality karst features including caves and sinkholes that provide habitat for endangered karst invertebrates. Shane assisted Williamson County in the production of USFWS Section 7 and Section 10 consultation documents, permits, and negotiations of karst feature set-back limits and best management practices to meet the needs of the karst species and allow for development of the park project.

Williamson County, RM 620 Interim Improvements, Williamson County, TX. Project Manager. Shane was the Project Manager for the NEPA document preparation. The project is located within the Edwards Aquifer Recharge Zone and therefore required a Water Pollution Abatement Plan and Geologic Assessment for TCEQ approval. In an effort to reduce traffic congestion and increase safety along RM 620 right-turn lanes were designed for the six busiest intersections on RM 620 between IH-35 and SH 45: Deep Wood Drive, Cornerwood Drive, Great Oaks Drive, Oaklands Drive, O'Connor Blvd. and Wyoming Springs Drive. The main environmental issue associated with these projects was the proximity of numerous karst features within the Edwards Aquifer Recharge Zone. These features are protected from a water quality standpoint by the TCEQ, and some are habitat for threatened or endangered species. The karst features were negotiated with the TCEQ and buffer zones were established for each in order to preserve water quality and endangered karst species.

TxDOT Dallas District, IH-35 improvements between US 380 and FM 3002, Denton, TX. Environmental Task Lead. This 15 mile project widened IH-35 from six to eight lanes, with frontage roads and replace the IH-35/US 380 intersection with a new multilevel interchange with direct connectors. Shane was the Environmental Task Lead for this project and managed the technical studies, Draft EA, public hearing, Final EA, and Finding of No Significant Impact (FONSI). The project included the relocation of more than 20 residents and business due to tight ROW constraints, numerous individual WOUS crossings, archaeological surveys, and a lesson learned to involve the environmental team in design discussions throughout the project. A late stage design change shifted the alignment close to a historic residence that had the potential to cause a Section 4(f) impact. Working with the TxDOT District and Design team, we were able to shift the design away from this structure to avoid impacts.

TxDOT Corpus Christi District, US 181 Harbor Bridge Project EIS, Corpus Christi, TX. Environmental Task Leader. The $1.2B, US 181 Harbor Bridge replaces the existing Corpus Christi Harbor Bridge connecting downtown Corpus Christi to Rincon Point (North Beach) across the Corpus Christi Ship Channel, approximately 1,200 ft west of the original bridge. The Corpus Christi Ship Channel serves the Port of Corpus Christi, and the new bridge will permit larger (post-Panamax) ships to pass beneath, with a 205-foot clearance compared to the existing 138 feet. The project included reconstruction of portions of US 181, IH-37, and the Crosstown Expressway (SH 286), including a new interchange at IH-37 and the Crosstown Expressway in downtown Corpus Christi that will realign how the bridge connects to these freeway corridors to the south and eliminate existing design deficiencies. Shane Valentine was responsible for oversight for the DEIS and FEIS process and schedule management to reduce the schedule by over one year. He provided guidance and coordination on the NEPA team response to DEIS and FEIS comments from the TxDOT Environmental Division, Design Division, FHWA, HUD, USACE, and EPA. Shane provided guidance and review to the engineering and EIS team, coordinated between the procurement and NEPA team, and assisted with NEPA compliance, USACE, and USCG permit applications. He also provided guidance on preparation of a Community based Livability Plan to serve as environmental justice mitigation for the project.



Mark Borenstein, PE

Principal-in-Charge

Mark has 24 years of experience in civil engineering and management of transportation facilities including extensive experience with public involvement on complex and controversial projects. He also has vast experience in other areas of plan development such as bridge design, drainage design, transportation studies, roadway design, ADA compliance, planning and design of pedestrian and bicycle facilities, and the incorporation of aesthetic plans in transportation projects. He has served as Project Manager on numerous projects and programs for local municipalities, Counties, and TxDOT and has experience working on mega-programs throughout the Unites States.

EDUCATION

Master of Science, Civil Engineering (Emphasis Structural Engineering/ Minor Geotechnical Engineering), Cornell University, 1995

Bachelor of Science, Civil Engineering, Bucknell University, 1994

REGISTRATIONS

Professional Engineer, TX, No. 92239

Professional Engineer, LA, No. 35825

Professional Engineer, MA, No. 41416

INDUSTRY TENURE

24 Years

HDR TENURE

21 Years

RELEVANT EXPERIENCE

City of Austin, Corridor Mobility Program, Austin, TX. Project Manager. We are providing program management, project delivery and staff augmentation for the City of Austin's 2016 Mobility Bond Corridor Program. The 2016 Mobility Bond is the City's largest transportation bond to date. Voters approved $720M in funds for local, corridor and regional transportation and mobility improvements. The City allocated $482M for Corridor Improvements Projects. The Mobility Bond Corridor Program is an eight-year program to prioritize and implement mobility improvements recommended in the City's Corridor Mobility Plans for nine crucial principal arterials in Austin's transportation network. The cost to implement the recommendations in the Corridor Mobility Plans exceeds the amount of funding available through the Mobility Bond. We assisted the City in defining identifiable metrics to prioritize recommendations brought forth for the Corridor Improvements. These included: reduction in congestion; improved level-of-service and reduced delay at intersections for the modes of travel; connectivity; and improved effectiveness of transit operations within the corridors and throughout the system. Other considerations included: preservation of existing affordable housing and local businesses on the corridors; opportunities for development of new affordable housing along the corridors; geographic dispersion of funding; and opportunities to facilitate increased supply of mixed-income housing. Our team developed evaluation criteria and a prioritization methodology to assist the City in identifying which infrastructure recommendations should be funded through the 2016 Mobility Bond. An Excel-based Prioritization Model was then developed to facilitate a flexible, but data-intensive, assessment of each of the 34 recommendations. We are working with the City to implement and oversee improvements recommended in the Corridor Construction Program through the phases of project development. Our program delivery services included advising environmental studies, topographic and boundary surveying, preliminary engineering, final design, development of specifications and estimates, construction project, sequencing, procurement methods, small and minority business outreach and engagement, and performance monitoring. We are also augmenting the City's communications staff to develop an extensive communications and community outreach plan, to inform the public of the prioritization process and the resulting Corridor Construction Program. Additionally, we are assisting the City with utility coordination, real estate services, professional services contract management, risk management, and development of robust program management information systems and project controls.

MARK BORENSTEIN, PE (CONTINUED)

TxDOT Austin District/City of Austin, MoPac Mobility Improvements, Austin, TX. Project Manager. Mark led this study and PS&E for the MoPac bicycle Bridge at Barton Creek. This MoPac corridor is a primary route for both recreational and commuter bicycle traffic. No reasonable alternative route was available for bicycle traffic to cross Barton Creek or Loop 360 to continue along this popular corridor. Through the course of the preliminary analysis an alternatives study was completed that included the development of a shared-use path from the southern terminus of the sidewalks along the MoPac Frontage Road at Tamarron Blvd. and Tuscan Terrace to south of Barton Creek. The preferred alignment was developed considering bicycle traffic patterns, options for separating bicycles from the mainlanes, and merging bicycles with vehicular traffic on the frontage roads without creating a safety hazard, and safety improvements to the frontage roads to accommodate the merges. While the project goals did not require full accommodations for pedestrian use, the preferred alignment was successfully developed considering pedestrian access and the design is ADA compliant.

City of San Marcos, Aquarena Springs Drive Corridor Improvement Project, San Marcos, TX. Project Manager. Mark was responsible for the development of the schematic, environmental document and PS&E for the corridor enhancement project. The program included the reconstruction of the five-lane roadway with an at-grade crossing of the UPRR as railroad grade separation as well accommodations for pedestrians, bicycles and implementation of innovative intersection coordinated to enhance mobility for modes of transportation. Mark developed multiple projects to maintain connectivity for the nearby intersections and access to adjacent properties including the Texas State Stadium and Texas State University. The key to the success of the project was Mark's hands-on approach to public involvement and public outreach. Mark met individually with representatives from Texas State University to outline their issues and develop solutions to gain their support. In addition, Mark met with representatives from Save Our Springs and other environmental stakeholder groups early in the process to develop a comprehensive approach to drainage and water quality impacts to the many endangered species of Spring Lake and the San Marcos River. Exhibits describing the projects impacts as well as illustrations and renderings were prepared to provide options and alternatives to gain consensus for a successful project for parties. We conducted a series of workshops with representatives of 15 University departments that brought the University into the design process.

City of Round Rock, Kenney Fort Blvd. UPPR Bridge, Round Rock, TX. Design Engineer. Mark led the PS&E for the new construction of a four-span underpass at US 79. The project featured a 160 foot steel railroad underpass bridge which will provide access for the four-lane divide arterial roadway. ADA compliant pedestrian access was accommodated with the addition of eight foot wide sidewalks and controlled pedestrian crossings. The roadway and pedestrian facilities provide a much needed and safe grade separation access across a major highway and UPRR rail line.

City of Round Rock, CR 122 Reconstruction, Round Rock, TX. Project Manager. Mark led the reconstruction of CR 122 over Brushy Creek. As part of the TxDOT bridge replacement program, Mark led the project to develop the schematic, environmental document, and PS&E for the complete reconstruction and widening of the roadway from a two-lane rural section to a four-lane divided urban section. Mark oversaw the completion of the Environmental Documents, development and coordination of the railroad agreement, FEMA coordination, utility relocation, and production of the bid documents, which were prepared for and reviewed by the TxDOT Austin District. The project included an at-grade railroad crossing, signal design with railroad preemption at the intersection of US 79 located 75' from the railroad tracks, railroad coordination, and utility relocation. Mark led the railroad coordination under an expedited schedule. The at-grade crossing was built in three phases. Mark coordinated with the UPRR during construction so that UPRR personnel were prepared for each phase of construction verifying there were no delays in the construction schedule.



Philip Fulton, PE
Project Advisor

Philip is a Senior Roadway Project Manager in HDR's Round Rock office. He has 35 years of experience managing transportation design projects from urban street reconstruction to rural FM roads and complex freeway/toll road facilities. His experience includes traditional PS&E development for city, county, and TxDOT clients, as well as alternative delivery P3 projects. Philip's office management experience also includes managing HDR's highway/bridge department, completing employee evaluations, quality control, and mentoring junior staff. His responsibilities also include completing QA/QC reviews for many of the projects in HDR's Austin, Round Rock, and San Antonio offices for municipal, county, and TxDOT clients. Philip also has experience on several GEC and Program Management Consultant (PMC) contracts. This experience includes reviews of preliminary engineering reports, schematic, and PS&E deliverables packages to verify compliance with program design criteria and consistency with client expectations.

EDUCATION
Master of Business Administration, University of Texas at Austin, 1989

Bachelor of Science, Engineering, State University of New York, 1983

REGISTRATIONS
Professional Engineer, TX, No. 73469

INDUSTRY TENURE
35 Years

HDR TENURE
13 Years

RELEVANT EXPERIENCE

Williamson County, FM 3349 at US 79, Williamson County, TX. Project Manager. Philip is the Project Manager for development of the ultimate schematic for a fully directional interchange over the UPRR and US 79 including ultimate drainage design, ROW determination, and UPRR Exhibits. Philip currently is developing the PS&E package for the Phase 1 Interim project.

City of Georgetown, Southwest Bypass from FM 2243 to Wolf Ranch Parkway, Georgetown, TX and Williamson County, Southwest Bypass from IH-35 to FM 2243, Williamson County, TX. Schematic Task Lead. Philip led the schematic development for these two segments of the Southwest Bypass, including interchanges at SH 29 and IH-35. The initial schematic design included roadway geometry, bridge layouts, preliminary drainage design, and incorporation of water quality BMPs in accordance with the TCEQ Edwards Aquifer Rules. Once these two projects advanced into the PS&E phase, Philip completed quality control reviews at each stage of project development.

TxDOT Austin District, SL 360 Program GEC, Austin, TX. Project Sponsor. Philip was the Project Sponsor for the overpass projects at Spicewood Springs Road and at Lakewood Drive. He provided design direction to the Design Consultant and completed detailed QC reviews for schematic and PS&E roadway, drainage, and structural submittal packages. He also was responsible for coordinating the ready-to-let process, which included environmental, ROW, and utility program staff.

City of Austin, Corridor Mobility Program, Austin, TX. Technical Reviewer. Philip performed QC reviews for submittals by design consultants, including schematic design, traffic control plans, cost estimates, Preliminary Engineering Reports (PERs), design criteria, and traffic reports. His QC reviews included the following projects in the corridor program: North Lamar Blvd., South Lamar Blvd., Burnet Road, Airport Blvd., East MLK Blvd., East Riverside Drive, Guadalupe Street, William Cannon Drive, and Slaughter Lane. Philip reviewed the following PERs and cost estimates from the substandard street program: Circle S. Road, Cooper Lane, Davis Lane, FM 1626, Latta Drive/Brush Country, and Ross Road

PHILIP FULTON, PE (CONTINUED)

TxDOT Dallas District, IH-35E Managed Lanes, Dallas, TX. Segment 1 Roadway Design Manager. This project included a 5.5-mile segment of interstate reconstruction. This segment included a three-level interchange with Belt Line Road over two separate railroads (Burlington Northern Santa Fe Corp and Fort Worth and Western Railroad). He completed coordination with the structures team to calculate horizontal and vertical clearances, span lengths, and structure depths for both Exhibit "A" permit documents. Additional responsibilities included the development of corridor-wide general notes, specifications, and standards. Responsible for completing quality control reviews in accordance with the development contract and Design Quality Management Plan.

City of Round Rock, Kenney Fort Blvd. (Arterial A), Round Rock, TX. Deputy Project Manager. This project included a six-lane major arterial on a new alignment with two stream crossings and a UPRR underpass. Philip completed roadway geometric design, storm sewer design, retaining wall geometry, traffic control plans, stormwater pollution prevention plan, and signing and striping as well as Exhibit "A" for UPRR permitting. He also coordinated the utility adjustments, geotechnical design, and the engineering design with adjacent segments of this major corridor.

TxDOT Austin District/Texas Turnpike Authority Segments, 1-4, SH 130, Central, TX. Segment 2 Roadway Design Manager. Philip was responsible for the roadway design of Sections 5 through 10, including the schematic refinements, grading and drainage packages, and 100% final design packages. He coordinated roadway design with other disciplines, including drainage, traffic control, utility relocations, and structural. Philip developed design task protocols, standard details, specifications, and general notes. Philip also completed technical and interdisciplinary reviews and documentation for other segments. Section 5 included a three-level interchange with the mainlanes over the UPRR and the frontage roads in an underpass. He completed a 3D model of the interchange used to determine bridge header banks and retaining wall geometry, and coordinated bridge layouts and Exhibit "A" permit documents.

City of San Marcos, Loop 82 at UPRR Overpass, San Marcos, TX. QC Manager. This project included a new UPRR overpass and realigned at-grade street/pedestrian crossing. Philip completed detailed QC reviews of the schematic and PS&E deliverables at each milestone submittal, including preparation of Exhibit A for permitting and utility coordination for the relocation of city water/wastewater lines.

TxDOT Austin District, Loop 1 Segment 2 Toll Road, Austin, TX. Deputy Project Manager. Philip was responsible for PS&E of the two-mile toll road extension. He oversaw plan production and subconsultant management and task leaders for roadway geometry, retaining wall design, signing, markings, and traffic control plans. Philip reviewed plans for QA/QC and coordination between design disciplines and utility conflicts.

Hays County, Priority Road Program GEC, Hays County, TX. Technical QC Oversight. Philip provided the technical QC oversight for the plan development for the individual projects in the program, which included 22 separate projects. This included the preparation of comment tracking logs and comment closeout. Other responsibilities included a review of consultant project scope and fee, management of technical submittal reviews as well as coordination with TxDOT and design consultant staff. Philip attended comment review/resolution meetings with TxDOT Austin District personnel and the consultant.

Technical Quality Control Reviews, Urban Street Reconstruction and Highway Projects, Statewide, TX. QC Reviewer. As a QC reviewer in the Round Rock office, Philip is responsible for QC review of PS&E projects throughout Central Texas. Examples include City of San Antonio - Reed Road Improvements, TxDOT Austin District - SH 45 at Parmer Lane, TxDOT Waco District – FM 236, City of Cedar Park – Little Elm St., Universal City - Kitty Hawk Road, City of New Braunfels - Walnut Avenue Reconstruction, City of Austin – Bolm Road, and City of Pflugerville, Pflugerville Parkway.

PHILIP FULTON, PE (CONTINUED)

City of Killeen, SH 195/SH 201 Widening, Killeen, TX. Deputy Project Manager. Philip prepared the PS&E package for the widening of SH 201 for three miles under TxDOT's Pass-Through Financing Program. Improvements included the widening of an existing two-lane facility by two additional travel lanes, raised median, signing, pavement markings, traffic control, erosion control, pavement assessment, pavement design, utility coordination, and field surveying. The PS&E package used city bidding documents and TxDOT specifications.

City of Pflugerville, Pflugerville Parkway, Pflugerville, TX. Transportation Engineer. This project included the reconstruction and extension of Pflugerville Parkway from a two- lane to a four-lane arterial for five miles. Philip prepared final PS&E documents and provided construction phase services. The project incorporated TxDOT criteria based on the 4c funding provided by CAMPO. The design included roadway geometry, traffic control plan, signing, pavement markings, utility relocations, and storm sewer systems.

TxDOT Pharr District, US 281 Reconstruction, Pharr, TX. Deputy Project Manager. This project included the seven-mile schematic and four-mile PS&E for urban freeway reconstruction. He completed design including roadway geometry, retaining wall design, utility coordination, signing, traffic control plan, small roadside signing, large overhead signing, and pavement markings, and design of intelligent transportation system (ITS) relocations including detector loops, variable message signs, and cabinets. Philip coordinated subconsultants for drainage, illumination, and traffic signals and attended coordination meetings as necessary to use existing irrigation channels for outfall drainage and to define drainage easements.



Allen Crozier, PE
QA/QC

Allen has 29 years of transportation design experience with 20 years of experience in leading multi-discipline design teams on transportation planning and design projects. Allen has developed a reputation for consistently delivering projects with quality results. He has proven experience successfully leading diverse teams of professionals and providing interdisciplinary coordination between architects and civil site design staff (roadway, structural, H&H, traffic control, utilities and environmental) to reach desired results. He has also been responsible for leading the coordination of utility relocations, ROW acquisitions, water and wastewater designs, preparation of hydrology and hydraulic studies and reports, and directing on-site construction inspection activities. In addition to his project design and management experience, Allen also has significant civil construction experience, which enables him to assist in developing construction details, which lower the potential problems during construction. Due to this experience, Allen understands the importance of having construction documents that clearly define the work to be performed and long-term performance requirements.

EDUCATION
Master of Science, Civil Engineering (Structures), Texas A&M University System, 1992

Bachelor of Science, Civil Engineering, Texas A&M University System, 1990

REGISTRATIONS
Professional Engineer, TX, No. 81450

Professional Engineer, AZ, No. 41694

Professional Engineer, UT, No. 7618909-2202

INDUSTRY TENURE
29 Years

HDR TENURE
13 Years

RELEVANT EXPERIENCE

Hays County, Robert S. Light Blvd. Extension Project (Buda Truck Bypass), Buda, TX. Project Manager. Allen led the preparation of the NEPA compliant environmental assessment document, design schematic, ROW and maps, and preparation of PS&E for the extension of Robert S. Light Blvd. approximately 1.8-miles from RM 967 to FM 1626 across Edwards Aquifer recharge, contributing and transition zones. The project included the addition of dedicated left-turn lanes from RM 967 and FM 2770 onto the Truck Bypass, traffic signal warrant studies and safety lighting at the RM 967, FM 2770 and FM 1626 intersections, utility coordination, survey, geotechnical studies, pavement design, H&H design, water pollution abatement plan, signing, pavement marking, bridge design and UPRR coordination. The design schematic showed the proposed ultimate section with two 12-ft lanes and 10-ft shoulders in each direction with a 48-ft (edge of travel way to edge of travel way) center grassy median. The environmental document cleared the full ROW width for the proposed ultimate section.

Hays County, 2008 Priority Road Bond Program, Hays County, TX. Project Manager. We were retained by Hays County to provide program management services for their $58M road construction program. We are responsible for overseeing the development of the phased improvement program. This includes securing and managing the engineering and management professionals providing design, geotechnical, landscape design, utility relocation and coordination, environmental and legal services for the road bond program. Allen was responsible for reviewing and negotiating consultant scopes and fees, reviewing and approving consultant invoices, coordinating technical reviews of submittals, serving as the County representative at construction progress meetings as well as coordination with county commissioners, judge, engineer, attorney, auditor and overall project coordination with project design consultants for projects located in four County precincts.

ALLEN CROZIER, PE (CONTINUED)

City of Kyle, Lehman Road Reconstruction, Kyle, TX. Project Manager. This project consisted of the full depth reconstruction and widening of 1.6 miles of Lehman Road from FM 150 to Goforth Road in the City of Kyle, Texas. The existing roadway surface was uneven and narrow due to having 2 – 10' lanes. The roadway also had low water crossings at Plum Creek and an unnamed tributary to Plum Creek which overtopped under very low frequency rain events. In addition, a portion of the roadway was within a floodplain created by a soil conservation service dam, therefore, once the roadway is overtopped, it remained closed for up to two to four weeks after a significant rain event. Lehman High School was on the northern end of the project limits. Lehman Road was a primary route for school buses servicing this school. When the roadway was overtopped, the detour became significant. We proposed widening the road to a four lane section at the intersection with FM 150 and Goforth Road with a continuous left-turn lane in between. The project scope of work included the preparation of a due diligence environmental document, acquisition of ROW, survey, utility coordination, subsurface utility engineering, preparation of a design schematic, preparation of PS&E documents, and bid phase and construction phase services.

City of Gainesville, Pecan Creek Flood Damage Reduction Project, Gainesville, TX. Project Manager. This project consisted of the replacement of six bridge structures as part of the Pecan Creek Flood Damage Reduction project for the City of Gainesville, Texas. The Pecan Creek channel was widened to increase capacity and minimize flooding during extreme rain events by the United States Army Corps of Engineers (USACE). As a result, bridges on six of the roadways needed replacement to accommodate the new channel section. One on-system and one off-system bridge replacement were completed through a contract with the Wichita Falls District of TxDOT. The remaining bridge replacements were part of the contract with the City. The scope of work for both contracts included the preparation of the Categorical Exclusion environmental documents, utility relocation coordination as well as development of the complete PS&E package including of the horizontal/vertical alignments, typical sections, hydraulic design, traffic control plans, stormwater pollution prevention plans, signing, striping, removal details, bridge layouts and bridge details. Allen personally performed bridge designs for the project. Bridge designs included minimizing the superstructure depth to obtain a two foot freeboard over the 25-year design event for the on-system bridge and over the 10 year design event for the off-system bridges. The minimal superstructure depth permitted the proposed vertical profile to closely match the existing profile reducing the need for additional ROW minimizing the roadway reconstruction required. Since both projects ran concurrently with the design of the channel improvement project, close coordination with the TxDOT Wichita Falls District and Gainesville Area office staff, USACE, utility companies, and the City of Gainesville was required to verify successful completion of construction documents for all parties involved. Allen also provided construction management services for the City on this project. The City provided daily field construction inspection and material testing services. We were responsible for review and approval of material test reports, issue notifications of unacceptable work as necessary, review and processing of contractor pay applications, respond to contractor requests for information, review and processing of contractor change order requests, as well as coordinate and lead monthly construction progress meetings.



Bob Leahey, PE

Schematic Design Task Lead/RM 620 Extension Roadway Task Lead

Bob is HDR's Texas Highways and Local Roads Business Class Leader. He has 33 years of expertise in multi discipline/multi-modal roadway schematic development, roadway design (urban and rural), schematic design and PS&E for urban and rural projects utilizing both traditional and alternative project delivery methods. He has led project development activities on numerous projects requiring various regulatory agency approvals.

EDUCATION
Bachelor of Science, Civil Engineering, University of Texas at Austin, 2004

REGISTRATIONS
Professional Engineer, TX, No. 60983

INDUSTRY TENURE
33 Years

HDR TENURE
19 Years

RELEVANT EXPERIENCE

City of Austin, Corridor Mobility Program, Austin, TX. QA/QC Manager. We are providing program management, project delivery, and staff augmentation for the City of Austin's 2016 Mobility Bond Corridor Program. The 2016 Mobility Bond is the City's largest transportation bond to date. Voters approved $720M in funds for local, corridor and regional transportation and mobility improvements. $482M is allocated for Corridor Improvements Projects. The Mobility Bond Corridor Program is an eight year, long-term program to prioritize and implement mobility improvements recommended in the City's Corridor Mobility Plans for nine crucial roadways in Austin's transportation network. The cost to implement the recommendations in the Corridor Mobility Plans exceeds the amount of funding available through the Mobility Bond. We worked with the City to develop a set of metrics that will be used to prioritize the nine corridors based on mobility and quality of life. We performed extensive VISSIM modeling of 2035 conditions along the corridors to help inform the prioritization process. A Prioritization Report was produced and will be used to develop a Corridor Construction Program, with recommendations on allocating funding amongst the nine corridors. We will work with the City to implement and oversee improvements recommended in the Corridor Construction Program. Program delivery includes advising engineering, final design, sequencing, method of project delivery, construction, community outreach and engagement, and performance monitoring. We are augmenting the City's communications staff to develop an extensive communications and community outreach plan, to help inform the public of the prioritization process, and the resulting Corridor Construction Program.

TxDOT Austin District, IH-35 Feasibility Study, Williamson County, TX. Project Manager. Bob was in charge of coordinating the engineering, public involvement, and environmental services associated with the identification and development of conceptual mobility solutions, feasibility analysis of those concepts, and preparation of an implementation plan to guide development of IH-35 corridor between SH 130 and RM 1431 in Williamson County.

TxDOT Austin District, 183N, Williamson County, TX. Principal-in-Charge. Bob was responsible for the coordination of tasks required to complete environmental studies and geometric schematic development for the US 183 North Improvements Project from RM 620/SH 45 to MoPac. Proposed improvements included adding lanes along existing US 183, as well as direct connectors from US 183 and MoPac. The environmental study and community outreach program launched summer 2013. Bob managed our resources and developed and monitored the task schedule and budget. We led activities included development of the Hazardous Materials

BOB LEAHEY, PE (CONTINUED)

investigations associated with the Environmental Assessment, investigations of geology and soils associated with bridge foundation design, visual resources and 3D animations associated with public involvement, and evaluation of alternatives. Bob also oversaw the geometric schematic design and QC process for preparation and evaluation of the preferred alternative.

TxDOT Austin District, US 290 Corridor Study, Austin, TX. Project Principal. We developed VISSIM models to evaluate the impact of low-cost, innovative traffic engineering solutions for seven intersections along US 290 near Oak Hill, one of the most congested corridors in Austin. We developed three alternative scenarios with various innovative concepts. The proposed improvements included additional turn-lanes at both the FM 1826 and Convict Hill Road intersections, a median U-turn configuration at Joe Tanner Blvd., and reconfiguration of the William Cannon Dr. and SH 71 intersections to partial CFIs. Analysis results indicated over a 50 percent reduction in delay and travel time savings along the corridor. We prepared preliminary schematics and a cost-estimate for the proposed alternatives. These improvements were partially funded ($4M) by the City of Austin 2010 Mobility Bond Program. The improvements are open to traffic and providing significant congestion relief.

City of New Braunfels, Walnut Avenue Reconstruction, New Braunfels, TX. Project Principal. We provided design services for the reconstruction and upgrade of Walnut Avenue. The project extended 1.6 miles from IH-35 to Landa Street. The existing roadway was approximately 48 feet wide with two lanes in each direction and a fifth lane for left-turn movements at signalized intersections. The City requested that the roadway be reconstructed to four through lanes, a center left-turn lane at intersections, and a raised landscaped median for control of access. The design also included a storm sewer system, bridge widening, design of a multi-use pedestrian trail, landscaped parks, tree protection, traffic signals, grading plan, and SW3P. Considerable coordination was involved due to the tree protection ordinance and the utility adjustments for the sanitary sewer and waterline, along with the underground conversion of overhead utilities. We also secured railroad agreements from Union Pacific for the adjustment of gate arms and then boring of the storm sewer trunk lines at two crossings.

City of Universal City, Kitty Hawk Road Reconstruction Project, Universal City, TX. Project Principal. We provided design services for the reconstruction of Kitty Hawk Road to include concrete curbs, sidewalks, driveways, culvert replacement, and drainage. The existing roadway from Pat Booker Road to Loop 1604 is approximately 64 feet wide with two lanes in each direction and a raised median and turn lanes for the majority of the roadway limits. We prepared the Traffic Control Plan, roadway horizontal and vertical geometry, culvert design, storm sewer design, signing and striping, SW3P, cost estimating and quantities, and specifications.

Central Texas Regional Mobility Authority, 183A Turnpike, Austin, TX. Project Engineer. The US 183A Turnpike project was an 11.6 mile, $165M divided multi-lane turnpike which included frontage roads, ramps, mainlane and ramp toll facilities, and 22 bridges. We were on the General Engineering Consultant team for the Central Texas Regional Mobility Authority (CTRMA). As the Program Manager for the CTRMA, we provided oversight of the selection of the Comprehensive Development Agreement (CDA) Developer and managed the CDA contract on the project. This project required complex traffic control plans to manage traffic at tie-in points along existing US 183, as well as its connection to the SH 45N turnpike project. Access to numerous commercial and residential areas, which are adjacent to the project, were also managed through the project's traffic control plans.

City of Austin, Austin to Manor - Rail to Trail, Austin, TX. Principal-in-Charge, QA/QC Manager. We were selected for the Austin to Manor Trail, a new trail with rest areas project. Our responsibilities included design, conducting public meetings, permitting, TxDOT coordination, construction contract administration, and construction administration services. The trail is approximately 2.70 miles in length, 10' wide concrete, and 2' wide grass shoulders on both sides to provide a nominal width of 14 feet. The entire trail was constructed of concrete and included a pedestrian bridge, culverts, signage, benches, and trail connections to surrounding neighborhoods.

BOB LEAHEY, PE (CONTINUED)

City of Georgetown, Southwest Inner Loop, SH 29 to Leander Road, Georgetown, TX. Schematic Design Task Lead. We prepared an alternative alignment investigation, schematic design, and PS&E for construction of interim improvements. Key issues and challenges included coordination with TxDOT and Williamson County, a crossing of the South Fork of the San Gabriel River, karst features, endangered species and the Edwards Aquifer. We developed intersection/ interchange options at the two major crossings, Leander Road and SH 29.

TxDOT Ft. Worth District, SH 183 Rehabilitation and Bridge Widening, Fort Worth, TX. Project Engineer. Our team widened this six-lane urban freeway to include safety shoulders and replaced the concrete deck and two interior bent caps. The team designed approximately 2,500 feet of roadway approach on the SH 183 UPRR and Vickery Boulevard Overpass, two drilled shaft retaining walls and two soil nailed retaining walls.

TxDOT Ft. Worth District, US 180 Overpass of the UPRR and Town Creek, Fort Worth, TX. Roadway Task Leader. We developed the PS&E to replace a 770-foot long bridge and roadway approaches over Town Creek and the UPRR. We also prepared a plan to maximize traffic flow during construction. The bridge layout was developed to construct the bridge in three phases in order to replace the two existing bridges and maintain traffic. The project included a preliminary schematic and PS&E plans and detailed aesthetic enhancements. A soil stability analysis was also performed.

TxDOT San Antonio District, US 281 - Loop 1604 Revisions, San Antonio, TX. Project Manager. We designed the revised geometric alignments to allow for the addition of proposed tolled managed lanes along Loop 1604 and direct connectors that feed traffic into and out of the proposed managed lanes of Loop 1604 onto the proposed general purpose mainlanes of Loop 1604 and US 281, as well as the proposed tolled mainlanes along 281 N. We provided associated cost estimates and constructability reviews for each of the proposed eight direct connecting bridge structures and approach roadways.

TxDOT Dallas District, US 75 Reconstruction, Dallas, TX. Roadway Task Leader. We designed the reconstruction of 3.3 miles of four-lane urban freeway with frontage roads to eight mainlanes with new frontage roads and new ramps. The project includes three diamond interchanges and requires retaining walls, bridges, drainage, traffic control plans, signing and marking, illumination, and traffic signals.

TxDOT Pharr District, US 77/83 Soil Nail Walls, San Benito, TX. Project Manager. This project reconstructed and widened 6.1 miles of an existing four-lane expressway to six lanes designed to full interstate highway standards. We designed three soil nail walls for the contractor to be used as temporary shoring during phased construction.

City of San Antonio, Reed Road Improvements - Culebra to Military, San Antonio, TX. Project Principal. We provided preliminary engineering and final design services for the Reed Road: Culebra to Military project, a $6.1M project to reconstruct and widen approximately 5,800 feet of roadway from a two-lane non-curbed section to three-lane section to include left-turn lanes, bicycle lanes, curbs, sidewalks, driveways, underground storm drain system and traffic signals. The scope of services included preparation of a Preliminary Engineering Report that outlined the controlling design criteria and set vertical and horizontal alignment allowing the ROW needs to be determined. Final design services included preparation of plans, specifications, and estimates.

Samsung Semiconductor Inc., Samsung, Parmer Lane-Dessau Road Traffic Study, Austin, TX. Schematic Design Task Lead. We proposed an innovative intersection design to improve mobility in the area and provide continued access to Samsung. Samsung, the City and TxDOT worked cooperatively to fund this project which included the conversion of the existing intersection to a continuous flow intersection (CFI). Analysis of the CFI indicated that delay could be reduced by 67% and 48% in 2015 and 2020, respectively, compared to no-build conditions.

BOB LEAHEY, PE (CONTINUED)

TxDOT Corpus Christi District, Regional Parkway Corridor Study, Corpus Christi, TX. Project Manager. Bob led this $1.4M study that will determine the feasibility of a new corridor to connect with the far south side of Corpus Christi. This feasibility assessment will determine whether existing roadways are sufficient, need to be expanded or if a new corridor is needed. If a new corridor does appear beneficial, then the assessment will determine the type of transportation facility needed (for example, a freeway, parkway, major arterial, or other type of transportation corridor) and generally where it might be located. While a specific route may not be determined until another phase of study, this assessment will assist local governments and landowners in development and mobility planning.

Corpus Christi Metropolitan Planning Organization (CCMPO), Regional Parkway PEL Study, Corpus Christi, TX. Project Manager. We served as prime consultant to the CCMPO in work associated with a Planning and Environmental Linkages (PEL) Study to identify alignment alternatives and environmental constraints analyses for approximately 17 miles of a new location corridor. The $860K study encompassed an area extending from SH 286 to PR 22 on Padre Island. The CCMPO, in cooperation with the City initiated the Regional Parkway PEL to further refine transportation needs and potential route alignment alternatives for two of the seven segments of independent utility identified in the previously completed Regional Parkway Mobility Corridor (RPMC) Feasibility Study. A comprehensive public involvement process was undertaken as a part of the Study. There were several opportunities for public engagement and coordination with public agencies. The PEL resulted in a highest ranked alignment alternative ready to be taken forward.

TxDOT San Antonio District, IH-35 Central PEL Study Report, San Antonio, TX. Project Manager. We served as prime consultant to TxDOT, to prepare the $1.25M IH-35 Central PEL. The study was conducted in cooperation with the Alamo Area Metropolitan Planning Organization and identified transportation needs and potential improvements for IH-35 from the intersection with I-37/US 281 to US 90 in downtown San Antonio. There were multiple agency coordination meetings, a series of public meetings and meetings with the MPO Policy Board, MPO Technical Advisory Committee, and FHWA. The agency coordination meetings were held in advance of the public meetings to allow for a preview of the information and refinements as deemed appropriate based on stakeholder input and feedback. The PEL concluded that a "program of projects" approach was best suited in meeting the need and purpose of the study.

Missouri DOT Headquarters, MoDOT - Route 367 Improvements PMC, St. Louis, MO. Senior Project Manager. Bob helped direct HDR's design team efforts on State Route 367 in St. Louis, Missouri, providing access from downtown St. Louis to north St. Louis County. The existing four-lane divided the highway with at-grade intersections that was upgraded to a freeway section with grade-separated interchanges and one-way frontage roads. The southern portion was upgraded to a five-lane parkway with planted raised median. The work included ROW acquisition, environmental and geotechnical surveys, necessary permitting, local agency coordination and extensive public involvement, schematic development and design work.



Kyle Stanton, PE

Roadway Design

Kyle has seven years of experience in transportation and civil engineering projects. His main expertise includes urban and rural street reconstruction projects, pedestrian and bicycle facility projects, trail design, schematic development, cost estimating, and construction inspection.

EDUCATION
Bachelor of Science, Civil Engineering, Oregon State University, 2013

REGISTRATIONS
Professional Engineer, TX, No. 137790

INDUSTRY TENURE
7 Years

HDR TENURE
7 Years

RELEVANT EXPERIENCE

Williamson County, FM 3349 at US 79, Williamson County, TX. Design Engineer. Kyle is leading the geometric design tasks for the schematic development of a 3.1-mile access control facility, including mainlanes, frontage roads, two major freeway interchanges, eight direct connectors, and a shared-use path for Williamson County. His project responsibilities include the geometric design of a five-level interchange, including horizontal/vertical alignments for the ultimate and interim schematic design.

City of Round Rock, CR 112 Widening, Round Rock, TX. Lead Roadway Designer. We developed a design to widen two-lane CR 112 to a six-lane arterial urban street between CR 117 and CR 110. Kyle is the Lead Roadway Designer on the project. His tasks include geometric design, including horizontal/vertical alignments, signing and striping layout, corridor modeling, intersection design, and cost estimate

Washington County, 234th and TV Highway Intersection Improvements, Hillsboro, OR. Lead Roadway Engineer. We designed traffic and safety improvements including roadway widening, bike lanes, landscape strips, and sidewalks. The project included the installation of Tri-Met transit stops, railroad crossings with new gates, arms, and signals as well as additional safety measures with the installation of new traffic signals. Kyle was the Lead Roadway Engineer on the project and assisted the Project Manager on management tasks as well. His tasks included geometric design of the road including horizontal/vertical alignments, detailed corridor modeling, organizing team meetings to track progress, coordinate and assign tasks to team, and coordinating with the client regularly.

City of Bend, 14th Street Reconstruction, Bend, OR. Design Engineer. We provided the City with conceptual roadway design plans to improve safety, manage congestion, improve operations and increase multi-modal activity. Design Improvements evaluated included sidewalks, bike lanes, transit stops, stormwater facilities, landscaping strips, and improved pedestrian crossings. Kyle's tasks included geometric design of the road including horizontal/vertical alignments, detailed corridor modeling, grading plans, signing and striping plans, coordinating with the Client regularly, and coordinating the design with all disciplines.

City of Bend, Avenue Improvements, Bend, OR. Design Engineer. We recently completed 30% roadway design plans aimed at enhancing roadway safety and encouraging non-motorized vehicle travel along this busy commercial corridor. Kyle's tasks included geometric design of the road including horizontal/vertical alignments, ADA ramps, drainage, signing and striping plans, cost estimates, and final sheet production.

KYLE STANTON, PE (CONTINUED)

City of Hillsboro, Golden Road and Cedar Street Bike and Pedestrian Improvements, Hillsboro, OR. Design Engineer. We are working with the City to improve these collector streets to meet the City's standard cross-section for a two-lane collector with 36 feet between curbs. Improvements included curb and gutter, bike lanes, landscape strips, street, trees, street lighting, and sidewalks. Both streets include storm sewer and stormwater quality improvements as well as modifications to the City waterlines. Kyle's tasks included developing horizontal/vertical alignments, grading plans, ROW impacts to existing parcels, erosion control plans, signing and striping plans, and final sheet production.

Clackamas County, Boyer Drive Extension, Happy Valley, OR. Design Engineer. We provided the County with preliminary and final engineering design plans, public involvement, ROW, and bid preparation services. We developed design criteria for roadway section, storm drainage facilities, bike and pedestrian facilities, sidewalks, traffic signal modifications, signing, striping, lighting, and retaining walls. Kyle's tasks included developing the proposed roadway alignment; geometric design of the roadway (vertical/horizontal); design of the raised cycle track and signing and striping; identifying new ROW and impacts to existing parcels; and production of a sheet set that included roadway plans, profiles, storm drainage sheets, signing and striping plans, removal plans, and utility plans.

Clark County Washington, Sunset Falls Rehabilitation, Yacolt, WA. Design Engineer. Kyle designed guardrail, and striping; developed quantity calculations, cost estimate, and specifications for this pavement rehabilitation project.

Bonneville Power Administration, Castle Rock Substation, Castle Rock, WA. Design Engineer. The Castle Rock Substation Project includes a new 500kV substation, new entrance road, and a detention pond. Project tasks included: drafting work on the substation plan set; development of plan and detail sheets for site development, erosion control, and drainage plans, designing the drainage plan layout for the substation site, preliminary substation site grading, detention pond grading, and transmission line access road design.



Jacob Walker, PE

Anderson Mill Road Extension Roadway Task Lead

Jacob has nine years of experience in the management and design of transportation improvement projects for numerous counties, local municipalities, agencies in Central Texas, as well as multiple TxDOT districts. He has expertise in multiple design disciplines, including complex roadway designs, traffic control designs, railroad crossings, drainage system designs, construction cost estimation, floodplain mitigation, stormwater pollution plan designs, bicycle, pedestrian, ADA designs, signing and pavement marking designs, construction sequencing, TCEQ permitting and stakeholder coordination.

EDUCATION
Bachelor of Science, Civil Engineering, Texas A&M, 2011

REGISTRATIONS
Professional Engineer, TX, No. 122057

INDUSTRY TENURE
9 Years

HDR TENURE
7 Years

RELEVANT EXPERIENCE

Williamson County, Southwest Bypass IH-35 to RM 2243, Williamson County, TX. Deputy Project Manager and Roadway Task Lead. Jacob led the schematic development of a 1.6-mile new alignment access control facility and a two-lane interim configuration PS&E development, including a grade separated crossing over the Georgetown Railroad. Jacob was responsible for the interim and ultimate schematics and phased PS&E designs. He was also responsible for establishing design criteria, coordinating design through the City, GEC, County, and TxDOT, and producing 3D corridor modeling to use in plan development and stakeholder coordination/visualizations. Jacob also led efforts for cost estimating, TCEQ permitting, design & construction scheduling, and construction phase services.

City of Georgetown, Southwest Bypass and Wolf Ranch Parkway, Georgetown, TX. Roadway Task Lead. This two-mile, two-lane greenfield project connects DB Wood Drive to Leander Road (RM 2243) as part of a new bypass around the City of Georgetown. Jacob was responsible for the PS&E development for the Wolf Ranch Parkway connection, which included divided roadway geometric design, water quality calculations, TCEQ permitting, sidewalk and shared-use path design, ditch design, storm sewer design, cross culvert design, retaining wall layouts, traffic control, and signing and striping layouts. He designed retaining walls, sidewalks, and cross culverts so that the future widening to a four-lane facility could maintain the vegetative filter strips and grassy swales, preventing the need for a future water quality pond.

Hays County, Robert S. Light Blvd. Extension Project (Buda Truck Bypass), Buda, TX. Roadway Task Lead. The project included design schematic, ROW determination and mapping, and preparation of PS&Es. The extension of Robert S. Light Blvd. was approximately 1.8 miles and consisted primarily of new location roadway across the Edwards Aquifer recharge, contributing, and transition zones. The project included the addition of dedicated turn-lanes from RM 967 and FM 2770 onto Robert S. Light Blvd. as well as a grade separated crossing of the UPRR. Jacob's responsibilities included leading roadway design efforts throughout schematic development and PS&E consisting of ROW development, ultimate and interim roadway geometrics, 3D corridor modeling, bridge structure layouts, earthwork and grading, parallel drainage, signing and striping, UPRR Exhibit A preparation, retaining walls, and intersection layouts. He also led the coordination efforts of subconsultants, including survey, traffic control, roadway drainage, erosion control, water quality design, and TCEQ permitting.

JACOB WALKER, PE (CONTINUED)

City of Taylor, 2019 Infrastructure Bond Street Projects, Taylor, TX. Project Manager. The City is reconstructing three local roads and one collector street as part of their 2019 Infrastructure Bond to update street conditions, drainage, and utilities. In addition to serving as City Engineer, Jacob serves as HDR's Project Manager for this design project. Jacob's project management efforts include schematic alternative development for varying roadway widths, traffic calming measures, and pedestrian improvements as well as full PS&E efforts including roadway geometrics in highly constrained ROW, traffic control design, urban drainage design, driveway design, a-grade crossing of the UPRR, hydraulics, utility coordination, water/wastewater design, easement acquisition, public involvement, stakeholder communication, and TxDOT coordination.

City of Kyle, Lehman Road Improvements, Kyle, TX. Roadway, Drainage Task Lead. Lehman Road was a full-depth reconstruction and widening of 1.6 miles to provide additional capacity and eliminate two low-water crossings. Jacob led roadway design efforts, including three design schematic alternatives and alternative analysis, a final design schematic, ROW acquisition exhibits, preparation of PS&E documents, Soil Conservation Services (SCS), Reservoir floodplain mitigation, and bid and construction phase services. His design responsibilities encompassed multiple disciplines and met TxDOT standards and specifications. Designs included vertical and horizontal geometrics, intersection design, retaining wall design, bridge layouts, 3D modeling, phased traffic control, hydrology, storm sewer hydraulics, ditch and culvert design, channel grading, utility coordination and adjustments, pedestrian and ADA facilities, SCS floodplain mitigation design, erosion control, signing and striping, and coordination and inclusion of adjacent developments into the design plans. Jacob's design balanced cut and fill quantities to control earthwork costs as well as coordinated with the geotechnical engineer to design the roadway and ditches to prevent damage from the shrink/swell associated with the high PI soils. He has continued to lead construction administration through processing and reviewing submittals, change orders, RFIs, and field coordination.

City of College Station, University Drive Pedestrian Improvements Project, College Station, TX. Deputy Project Manager, Engineering Task Lead. Jacob developed roadway alternatives along the corridor to improve pedestrian safety and incorporate the City's bicycle plan while maintaining vehicular operations. The City of College Station sponsored the project, although the project was on a TxDOT facility. Jacob coordinated with Texas A&M University, TxDOT, and the City. He led the design, including PS&E for roadway geometry, median installation, sidewalk installation, pavement markings, traffic control, traffic signal layout, pavement mill and overlay, erosion control, landscaping, and minor drainage modifications.

City of Round Rock, Gattis School Road Intersection, Round Rock, TX. Design Engineer. We made recommendations for interim and long-term improvements for the intersection of Gattis School and South Mays. The scope of services included preparation of a six-lane schematic to identify intersection improvements and a PS&E package for the interim short-term improvements at Gattis School Road and Mays Street. Jacob's design efforts included roadway widening for a right-turn lane, intersection improvements, safety enhancements, traffic control design, signing and striping, signal layout, pavement mill and overlay, pedestrian facilities, storm drainage, erosion control, cost estimating, and construction scheduling.

City of Cedar Park, Little Elm Trail, Cedar Park, TX. Roadway Task Lead. Jacob led the roadway design efforts associated with the reconstruction of Little Elm Trail and Fire Lane near the Twin Lakes Family YMCA. Jacob led design geometrics through 3D modeling with OpenRoads, designed traffic control, earthwork cut and fill, operational and safety enhancements, ditch, and culvert design, H&H, signing, and striping, utility coordination, cost estimating, and construction scheduling. Jacob led design efforts to avoid conflicts with the PEC substation, fire training facility, and City Maintenance Facility, as well as providing continual access to the facilities.

JACOB WALKER, PE (CONTINUED)

TxDOT Laredo District, State Loop 20, Laredo, TX. Roadway Engineer. This project included the PS&E design for the reconstruction of a five-lane arterial facility, including converting the intersection with Clark Ave. to an overpass with frontage roads and turnarounds and a new bridge over the KCS Railroad. Jacob designed the horizontal and vertical geometrics for the ramps, frontage roads, side streets, turnarounds, and driveways. He also designed removal plans, signing and striping, bridge layouts, super elevations, erosion control, pedestrian facilities, retaining walls along the corridor, and intersection grading.

Intersection Improvements Projects, SH 21 and Marino Road (Bryan, TX), US 290 and Scenic Brook Road (Austin, TX), Lohmans Crossing and Lohmans Spur (Lakeway, TX), Bolm Lane and Airport Blvd. (Austin, TX), Gattis School Road and Mays Street (Round Rock, TX), RM 2243 and SW Bypass (Georgetown, TX), University Drive and South College Ave. (College Station, TX). Roadway Task Lead. Roadway Engineer. Jacob designed or led design for the roadway aspects of various intersection improvement projects inclusive of right-turn lanes, right and left turn lanes, acceleration lanes, deceleration lanes, signal layout realignments, median installations, and pedestrian/ bicycle improvements. Jacob's efforts included signal layouts, widening geometrics and details, intersection grading, mill and overlay details, phased traffic control design, erosion control, TCEQ permitting, sidewalk and bicycle facility design, signing and striping, safety enhancements, 3D modeling using OpenRoads, ditch and culvert design, and driveway design.



Justin Carlton, PE

Roadway Design

Justin has seven years of experience in the design of roadway transportation projects for numerous TxDOT districts, counties, agencies, and local municipalities. Justin's roadway expertise includes complex geometric design, signing and pavement marking design, erosion control (SW3P) design, traffic control plan design, pedestrian/ADA design, railroad crossings, construction cost estimating, construction sequencing, TCEQ permitting including BMP design, and H&H analysis including complex storm sewer systems, culverts, and bridges.

EDUCATION
Master of Engineering, Civil Engineering, Texas A&M University, 2014

Bachelor of Science, Civil Engineering, Texas A&M University, 2011

REGISTRATIONS
Professional Engineer, TX, No. 127593

INDUSTRY TENURE
7 Years

HDR TENURE
6 Years

RELEVANT EXPERIENCE

Williamson County, IH-35 to Southwest from RM 2243, Williamson County, TX. Roadway Design Engineer, TCEQ Permits. Segments 1 & 2 form a two-mile bypass between Leander Road (RM 2243) and the IH-35 SBFR, which passes through the Texas Crushed Stone active quarry. Justin's design utilized rock cuts to balance the project earthwork and minimize the vertical grades needed to enter and exit the quarry area, which greatly reduced the anticipated project costs. Justin's responsibilities also included PS&E for signing, striping, traffic control, and erosion control. TCEQ permitting was challenging for this project due to the unique design constraints and revisions requested during the design process. He wrote, submitted, and obtained approval for three separate WPAPs and three separate Exception Requests, without a delay to the project construction timeline.

Williamson County, FM 3349 at US 79, Williamson County, TX. Drainage Design Engineer. This project was a 3.1-mile access control facility, including mainlanes, frontage roads, two major freeway interchanges, eight direct connectors, and a shared-use path for Williamson County. Justin assisted in the development of the updated HEC-HMS hydrology and HEC-RAS 1D hydraulic models for the major watersheds and seven minor culverts and bridge class culvert crossings within the project area to determine ROW needs based on drainage requirements, including mitigation improvements.

City of Georgetown, Southwest Bypass and Wolf Ranch Parkway, Georgetown, TX. Roadway and Drainage Design Engineer. This two-mile, two-lane green field project connects DB Wood Drive to Leander Road (RM 2243) as part of a new bypass around the City of Georgetown. Justin was responsible for the development of the PS&E for the Wolf Ranch Parkway connection, which included divided roadway geometric design, water quality calculations, TCEQ permitting, sidewalk and shared use path design, ditch design, storm sewer design, cross culvert design, retaining wall layouts, traffic control, and signing and striping layouts. Justin's design verified that the retaining walls, sidewalks, and cross culverts were designed such that the future widening to a four-lane facility could maintain the vegetative filter strips and grassy swales, preventing the need for a future water quality pond.

City of Taylor, 2019 Infrastructure Bond Street Projects, Taylor, TX. Roadway and Drainage Task Lead. The City is reconstructing three local roads and one collector street as part of their 2019 Infrastructure Bond to update street conditions, drainage, and utilities. Justin led the roadway and drainage PS&E efforts including roadway geometrics in highly constrained ROW, traffic control design, storm sewer and culvert design, driveway design, pedestrian elements, an at-grade crossing of UPRR, and construction cost estimating.

JUSTIN CARLTON, PE (CONTINUED)

Palo Pinto County Municipal Water District, Turkey Peak Reservoir, Palo Pinto County, TX. Roadway and Drainage Task Lead. The Turkey Peak Dam and Reservoir project consists of PS&E for 4.8 miles of two-lane rural highway reconstruction and 2.1 miles of new two-lane roadway due to the inundation of an existing TxDOT facility. Justin was responsible for the development and oversight of the PS&E roadway design, drainage design, erosion control, traffic control, and signing and striping. Careful iteration of the roadway geometrics with the 18 cross culverts and 46 driveway culverts allowed him to fit the widened section into the existing footprint and minimize the required ROW.

City of Leander, Hero Way, Leander, TX. Drainage Design Engineer. We were hired to prepare PS&E for the conversion of a 2.7 mile two-lane collector with roadside ditches to a five-lane arterial with enclosed storm sewer. Justin was responsible for the design of 4.2 miles of storm sewer system, which included extensive off-site flows. The largest outfall consisted of a 12x12 box culvert, a 100' diversion weir, and an extended detention pond. The design also included over 3,000 feet of grassy swales with slotted curb.



EDUCATION
Bachelor of Science, Civil Engineering - Structures, Texas A&M, 1982

REGISTRATIONS
Professional Engineer, TX, No. 60983

INDUSTRY TENURE
38 Years

HDR TENURE
8 Years

David Hohmann, PE

Structures Design Task Lead

David has 38 years of bridge planning, design, and project management experience throughout the state of Texas. David was a Senior Bridge Design Engineer, the statewide Director of Bridge Design, and ultimately became the Director of the Bridge Division during his 29-year tenure with TxDOT. As the Director of the Bridge Division, he had statewide oversight responsibilities for bridge-related planning, project development, design, construction, and inspection activities. He managed resources on large bridges over water, interchange, and viaduct projects totaling over $1B. At HDR, David plans and develops small and large transportation projects around the state of Texas for cities, counties, railroads, and TxDOT. He has expertise in various aspects of a project, from the first steps in planning to long after the project is built, using his knowledge of long-term inspection and maintenance principles. This cradle-to-retirement perspective enables him to make decisions that get the best value at not only construction, but also long-term value through the efficient application of best practices during design and construction.

RELEVANT EXPERIENCE

Williamson County, IH-35 to Southwest from FM 2243, Phase 2, Williamson County, TX. Project Manager and Structural Task Lead. David was responsible for the PS&E for the two-lane interim configuration consisting of ROW determination, geometric design, retaining wall design, bridge structures, signing and striping, drainage design, water quality, and TCEQ permitting, erosion control, traffic control phasing, and utility and railroad coordination according to TxDOT standards and specifications. David coordinated with TxDOT, the GEC, City of Georgetown, Williamson County, and subconsultants. He also provided QA/QC coordination, design scheduling, construction scheduling, estimate of probable construction costs, and bid phase services.

Williamson County, FM 3349 at US 79, Williamson County, TX. Structural Task Lead. David was the Structural Task Leader for the schematic development of a 3.1 mile access control facility including mainlanes, frontage roads, two major freeway interchanges, eight direct connectors, and shared use path for Williamson County. He is the Senior Structural technical Advisor for the development of the Phase 1 Construction PS&E and constructability reviewer responsible for verifying that the initial construction phases accommodate the ultimate complex structures coming later. David and the bridge designers proposed a cost effective bridge over UPRR and US 79 mainlane while accommodating for future developments to allow for a separate rail and/or roadway network underneath the bridges in addition to the UPRR line. David's project responsibilities include structural solutions that meet vertical clearance requirements as well as the demand in the initial phases and accommodate the ultimate project demands.

City of Round Rock, Kenney Fort Blvd. (Arterial A), Round Rock, TX. Structural Lead. David was the Structural Lead for Construction Engineering and Inspection for this project that includes three bridges within a major urban arterial project. The project includes a major UPRR bridge, a widening, and a major water crossing. The railroad bridge has had several significant construction challenges including revising special shoring to accommodate

DAVID HOHMANN, PE (CONTINUED)

variable geotechnical conditions as well as challenges associated with the structural steel erection, bolting, and fit-up. David was on-call and on the job regularly to direct HDR CEI staff and advise the client on successful solutions to these challenges. Total construction value is $19M and responsibilities include change-orders, revisions, and construction quality assurance.

Hays County, Kohlers Crossing over UPRR, Kyle, TX. Bridge Task Lead. David is serving as the Bridge Task Lead for this grade separation project at the intersection of Kohler's and the UPRR. The grade separation will greatly improve mobility and safety and eliminate vehicle/train conflicts and traffic disruptions. HDR's scope includes developing preliminary design and feasibility reports for both underpass and overpass structures at the location in order to attain the best value for the long-term viability of this rapidly-growing area of the state. David led the pursuit response and Statement of Qualifications, constructability reviews and solutions, and general structures direction and expertise.

City of Georgetown, Southwest from FM 2243 to Wolf Ranch Parkway, Phase 1, Georgetown, TX. Structural Task Lead. This two-mile, two-lane greenfield project connects DB Wood Drive to Leander Road (RM 2243) as part of a new bypass around the City of Georgetown. David was responsible for the development of structural PS&E for the Wolf Ranch Parkway connection, which included cross culvert design, retaining wall layouts, and traffic control coordination. David was responsible for the structural QA/QC coordination, design scheduling, structural construction scheduling, estimate of probable construction costs, and structure-related bid phase services.

TxDOT, Statewide Bridge Design Indefinite Delivery and Indefinite Quantity Contract, Statewide, TX. Project Manager and Structural Task Lead. David led the development of complete bridge and roadway PS&E projects for both on-and-off-system bridges. These services included preparing roadway and bridge design, H&H design, traffic signal design, survey, geotechnical data collection, and construction phase services necessary to support the design process. To date, we have been assigned five separate work authorizations for fourteen bridges from around the state. These bridges are primarily conventional TxDOT bridges with prestressed concrete beam superstructures and a combination of cast-in-place drilled shafts and precast concrete driven piling foundations. Most of the projects are funded by and subject to the federal-aid program that provides funding to enable states to improve the condition of highway bridges through replacement, rehabilitation, and systematic preventive maintenance known as the Highway Bridge Program (HBP). David's responsibilities included structural design oversight, constructability review, construction phase services, construction scheduling, and critical path development, drainage design, roadway design, geotechnical design coordination, and traffic control plan oversight.

TxDOT Austin District, US 183 at IH-35 Direct Connector Project, Travis County, TX. Project Manager. HDR was the EOR for the IH-35 NB to US 183 NB direct connector. We designed the replacement structure and planned the demolition of a portion of the existing post-tensioned segmental bridge. We designed the extended replacement spans needed to increase the bridge length and flatten the steep grade that is problematic for larger vehicles and tentative drivers. The new design included TxDOT U-Beam superstructure elements, highly aesthetic bents to complement the existing aesthetic bents, and post-tensioned bridge substructure elements to accelerate construction. The direct connector is over 1,400 ft. long with 50 ft. tall, single column bents. We completed the design in 2017. The expected opening is in 2021. David's responsibilities included structural design oversight, constructability review, construction phase services, construction scheduling, and critical path development, drainage design oversight, roadway design oversight, geotechnical design coordination, and traffic control plan oversight.

TxDOT Dallas District, IH-35E Managed Lanes, Dallas, TX. Structural Design Lead. David supervised professional/technical staff in the production of bridge plans for more than 90 bridges for this $1B corridor improvement project. The bridges required a final load rating, and widenings required an as-built load rating. As the Structural Design Lead for the overall project, David established design

DAVID HOHMANN, PE (CONTINUED)

and construction standards and policies for the project. He coordinated bridge design issues with the lead roadway engineer, lead traffic control planner, and the lead geotechnical engineer throughout the design planning, execution, and construction. David had the ultimate responsibility for verifying that the project plans and delivery complied with the Technical Provisions established by TxDOT during procurement. David reviewed structural plans and attended comment resolution meetings between the contractor, the GEC, and TxDOT representatives. Two design firms were involved in the joint-venture, so David's responsibilities also included verification of consistency throughout plans, project delivery methods, and constructability.

TxDOT Austin District, Lake Marble Falls Bridge, US 281, Marble Falls, TX. TxDOT Bridge Division Design Section Director. The Lake Marble Falls Bridge is a balanced-cantilever post-tensioned segmental bridge with a construction cost of $29.7M. David was directly involved in the overall management of the project's design resources, construction cost estimates for the bridge alternates, and meeting funding eligibility criteria. In addition, he was the primary point of contact on design and funding issues with the Federal Highway Administration and a co-leader of the Value Engineering Team that considered the bridge alternatives and the project criteria during the early phase of the project.

TxDOT Fort Worth District, West 7th Street Bridge, Fort Worth, TX. TxDOT Bridge Division Design Section Director. The West 7th Street Bridge replacement project is $25.7M, made up by a series of precast concrete network arch spans over a park and flood-controlled river. As the TxDOT Bridge Division Design Section Director, David was the Manager-in-Charge of the section that performed the structural design and construction cost estimates for the bridge and alternates. He was also responsible for satisfying funding eligibility criteria for the project. In addition, he was TxDOT's primary point of contact on both the complex design and the multi-sourced funding coordination with the City of Fort Worth and the Federal Highway Administration. David coordinated resources for the preparation of structural PS&E, constructability reviews, and also coordinated construction issue resolutions and shop plan approval throughout project construction.

TxDOT Austin District, US 183 Elevated, Travis County, TX. Project Manager. David managed and oversaw this massive urban project that includes the interchange at US 183 and IH-35 and the elevated freeway in North Austin from IH-35 to just south of Burnet Road. The bridges cover 1.4 million square feet with a construction cost of $60M. The direct connectors are precast balanced cantilever segmental and the mainlanes are span-by-span precast segmental construction. David managed and was responsible for the preparation of structural PS&E, constructability reviews, and also coordinated change-orders, construction issue resolution, and shop plan approval throughout project construction.



Tyler Brendlinger, PE

Structures Design

Tyler has nine years of experience designing bridges and transportation structures in Texas. He has designed multiple on and off-system bridge replacements utilizing both custom designs, and TxDOT Standard Bridges. He is well versed in the TxDOT LRFD Bridge Design Manual as well as the TxDOT Bridge Detailing Guide, as well as the TxDOT Roadway Design Manual. He also has significant experience on large projects across the country, leading the design of both concrete and steel bridges for various DOT clients and design build projects.

EDUCATION
Master of Engineering, Civil Engineering, Texas A&M, College Station, 2012

Bachelor of Science, Civil Engineering, Texas A&M, College Station, 2011

REGISTRATIONS
Professional Engineer, TX, No. 122057

INDUSTRY TENURE
9 Years

HDR TENURE
7 Years

RELEVANT EXPERIENCE

Williamson County, IH-35 to Southwest from RM 2243, Williamson County, TX. Structures Lead. This project included PS&E for the two-lane interim configuration consisting of ROW determination, geometric design, retaining wall design, bridge structures, signing and striping, drainage design, water quality, and TCEQ permitting, erosion control, traffic control phasing, and utility and railroad coordination according to TxDOT standards and specifications. Tyler designed the structural elements of this project. Careful consideration was taken for potential impacts due to hauling vehicles in the quarry below, along with blast loading effects on substructure elements. The typical section was optimized to a deeper Tx I-Girder to eliminate a beam line for six-spans, lowering the overall bridge cost.

Williamson County, FM 3349 at US 79, Williamson County, TX. Bridge Support and Structures Task Lead. As bridge support, Tyler evaluated varying span configurations, substructure options and completed preliminary design of multiple bridges including freeway interchanges and eight direct connectors. Framing included both Tx I-Girders, continuous steel Tx I-Girders and a simple span Steel I Tx I-Girder section to provide cost effective solutions over US 79 and UPRR ROW. The final schematic included clearance to accommodate future developments that could require separate rail lines.

TxDOT Atlanta District, SH-98 over Anderson Creek Bowie County, TX. Bridge Task Lead. Tyler performed the roles of Bridge Task Lead and Deputy Project Manager on this project, which consisted of two separate bridge replacements on the same alignment. Both structures were phased to allow for traffic control. The existing bridges consisted of concrete pan girder spans, and were replaced with Tx I-Girder bridges, while raising the profile to provide clearance to 100 year water surface elevation below. The existing bridges were also lengthened in order to provide a 3:1 slope for stone protection rip rap into the channels below. The substructures for this project were similar to TxDOT standard bridges of similar style, but had to be modified for phasing of the project. The addition of phasing also required the use of temporary special shoring and superstructure analysis for final and temporary conditions. Tyler led bridge design tasks for this project, along with coordination for channel grading, and roadway geometry.

Hays County, Kohlers Crossing over UPRR, Kyle, TX. Bridge Task Lead. Tyler evaluated three potential alternatives including two Tx I-Girder option bridges in conjunction with retaining walls built up to an economical height.

TYLER BRENDLINGER, PE (CONTINUED)

The third option evaluated was a Railroad through-plate Tx I-Girder bridge. Tyler worked closely with the roadway team, utilities, and drainage team to determine a what the best recommended alternative was based on cost, drainage considerations, and traffic operations. The recommended configuration is a multi-span Tx I-Girder bridge with frontage roads used to access adjacent properties. The Tx I-Girders span the entire UPRR ROW using both normal and skewed substructures.

TxDOT Bryan District, CR 301 over Oak Branch, Burleson County, TX. Bridge Task Lead. This project was an off-system bridge replacement of an existing steel and timber bridge. Tyler led the effort on elements of this project except for hydraulics, which still required close coordination with the H&H team. The alignments and profiles for the bridge needed to satisfy category six funding, creating geometric challenges. Additionally, in order to maintain traffic flow, a temporary detour had to be designed as part of the project, consisting of precast concrete box culverts and temporary pavement adjacent to the final bridge location. A temporary construction easement was required for the detour. The primary aspect affecting this bridge design was the water surface elevation constraints. Limiting hydraulic impacts within the ROW required use of a shallow box beams.

Harris County Toll Road Authority, Beltway 8 Ship Channel Bridge, Houston, TX. Superstructure Design Lead. Tyler led the superstructure design team and performed much of the superstructure design or checking on. This $1B project consisted of twin structures replacing the existing Beltway 8 Bridge over the Houston Ship Channel. Tyler led the superstructure design for spans of the south approach structures. The two structures each consisted of 42 spans of Tx I-Girders. Unique design challenges included custom strand patterns in beams to increase fire resistance for rail lines below, skewed and flared alignments, and design for finger joint connection to the main span structure. The modification for increased fire resistance was to provide Tx I-Girders over railroad with increased cover to strands – removing strands from the bottom grid. Design for the superstructure at the finger joint including partial removal of Tx I-Girder top flange, detailing of a diaphragm to support the joint, and evaluating Tx I-Girders for stresses at multiple stages, particularly during construction, when stressing the beams would result in tension in the top of web where the flange had been removed.



Amanda Stahlnecker, PE

Railroad Coordination

Amanda has 16 years of rail experience including feasibility studies, design of mainline, industry and rail yard tracks and facilities, plan preparation, cost estimation, project management, and construction support. She has significant experience in UPRR projects, including design and construction support. She also has wide-ranging experience working with public agencies related to railroad projects, including quiet zones, industrial track connections, and public projects.

EDUCATION
Bachelor of Science, Civil Engineering, University of Nebraska, Lincoln, 2003

REGISTRATIONS
Professional Engineer, TX, No. 124571

INDUSTRY TENURE
16 Years

HDR TENURE
14 Years

RELEVANT EXPERIENCE

UPRR, Brazos Yard, Hearne, TX. Deputy Project Manager. Amanda provided design and permitting services, from concept through final construction plans for the UPRR planned classification yard facility and mainline improvements. It is one of the largest and most complex greenfield infrastructure projects ever undertaken by UPRR with preliminary and final design of new classification yard facilities and necessary subdivision capacity improvement projects along five mainline subdivisions with a cumulative study area of approximately 2,000 acres. Amanda also provided coordination with TxDOT and Robertson County for work within their ROW.

Blackstone Commercial Property Advisors, BNSF Quiet Zone, Oklahoma City, OK. Project Manager. Amanda provided preliminary investigation of three options that could be considered for quiet zone development, including exhibit development and opinion of probable construction costs for the at-grade railroad crossing of Wilshire Boulevard and BNSF Railway in Oklahoma City, OK. She coordinated with the City of Oklahoma City, FRA, and BNSF.

Dallas Area Rapid Transit, General Planning Consultant 6 - Cotton Belt Corridor, Dallas, TX. Engineering Lead. Amanda provided 10% Preliminary Engineering and Environmental Services for the Cotton Belt Corridor from the existing Dallas Area Rapid Transit Red Line to Dallas/Fort Worth International Airport Terminal B Station (DFW Airport).

TxDOT Fort Worth District, IH-820 Corridor Study, Fort Worth, TX. Railroad Coordination Lead. This project included traffic projection, operational analysis, interstate access justification, and railroad coordination support for the widening of the IH-820/IH-20/US 287 interchange in Fort Worth, Texas. Amanda provided compliance with UPRR Public Projects Guidelines for submission of 10% documents.

Denver Transit Partners, Eagle P3 Project, Denver, CO. Track Design Lead. The Eagle P3 Project extended commuter rail from the Denver city center on three new commuter rail lines to multiple suburban locations and Denver International Airport. Amanda provided rail system planning and design. The design included 36 miles of commuter rail track and systems, corridor-wide drainage and utility work, 14 stations, 29 at-grade crossings, 36 bridges, and relocation of four miles of BNSF mainline tracks. East Corridor efforts included design coordination with UPRR due to proximity of the proposed commuter line to their facilities.

AMANDA STAHLNECKER, PE (CONTINUED)

UPRR, Odessa Transload Facility, Odessa, TX. Project Manager. The Odessa Transload Facility was a multidisciplinary and multi-office coordination project within HDR and UPRR to build a transload facility in Odessa, Texas. Amanda led the design to generate a built-out facility, operated by a third-party switcher serving two sand transload operations and one pipe transload operation with a storage yard. She also led the proposed utility service coordination, topographic survey, geotechnical investigation, and coordination with TxDOT for access into the site.

VIA Metropolitan Transit, North-Central Corridor, San Antonio, TX. Freight Rail Corridor Lead. The purpose of the study was to assess the feasibility of high-capacity transit service, including light rail and bus rapid transit, within the North-Central Corridor. The North-Central corridor links downtown San Antonio with commercial centers in the north, as well as a potential transit connection to the San Antonio International Airport. Amanda explored the feasibility of introducing high-capacity transit to accommodate growth, expedite transit service in the corridor, transit-supportive development at key locations, multi-modal connectivity. Her efforts included on-site assessments of adjacent freight rail corridors and impacts to the community.

City of Idaho Falls, D Street Underpass Idaho Falls, Bonneville, ID. Track Design Task Manager. We designed a railroad underpass for three lanes of traffic and a pedestrian path below UPRR tracks. The project included a steel-beam span bridge, retaining walls, roadway realignment, and an at-grade railroad pedestrian crossing. The underpass is a heavily used grade-separated crossing of the UPRR in the vicinity of downtown Idaho Falls. Amanda is coordinating extensively with UPRR to minimize impacts on the active rail line, including designing a shoo-fly.



Brandon Hilbrich, PE, CFM

Drainage Design Task Lead

Brandon has 11 years of experience leading, managing conducting water resources, stormwater management, and transportation drainage projects including floodplain mitigation studies, watershed master plans, and capital improvement project design/construction phase services. His experience includes complex 1D/2D Hydrologic and Hydraulic (H&H) modeling throughout Texas, bridge scour analysis and protection design as well as developing design documents for storm drain, channel and detention drainage improvements. He has extensive experience in developing Conditional Letter of Map Revisions (CLOMRs)/ Letter of Map Revision (LOMRs) and has a broad understanding of Federal Emergency Management Agency (FEMA) standards. He is knowledgeable in a suite of software including ArcGIS, HEC-HMS, Bentley Products, HEC-RAS 1D/2D and XPSWMM 1D/2D. He is experienced in developing construction plans, estimates, and specifications for roadway and drainage infrastructure projects.

EDUCATION
Master of Engineering, Texas A&M University, 2009

Bachelor of Science, Civil Engineering, Texas A&M University, 2008

REGISTRATIONS
Professional Engineer, TX, No. 112938

Certified Floodplain Manager, TX, No. 1849-10N

INDUSTRY TENURE
11 Years

HDR TENURE
6 Years

RELEVANT EXPERIENCE

Williamson County, FM 3349 at US 79, Williamson County, TX. Drainage Lead. Brandon lead drainage efforts to evaluate the schematic design of the FM 3349 grade-separated overpass crossing the UPRR and US 79. Drainage efforts included coordination with FEMA and local Floodplain Administrator to acquire best available FEMA H&H models and establish implementation of NOAA Atlas 14 rainfall data. The H&H analysis included developing updated HEC-HMS hydrology and HEC-RAS 1D hydraulic models for the major watersheds and seven minor culvert and bridge class culverts crossings within the project area to determine ROW needs based on drainage requirements including mitigation improvements. Brandon is leading the interim frontage road PS&E identified during the schematic phase. Interim design includes the design of cross drainage culverts, roadside ditches, and detention facilities to mitigate adverse downstream impacts beyond the TxDOT ROW.

Williamson County, Southwest Bypass from IH-35 to FM 2243, Williamson County, TX. H&H Task Lead. Brandon was responsible for designing the required detention and retention basins for the Phase I, Phase II, and ultimate condition roadway project. Analyses included developing existing and proposed flow conditions and sizing each detention/retention basin using design flows and/or historic rainfall data as a quarry is located within the project area, providing unique constraints. He evaluated floodplain impacts to one FEMA regulated Zone AE floodplain within the Phase I project limits which required coordination with the local Floodplain Administrator.

Upper Brushy Creek Watershed-Wide Dam Assessments & Prioritization, Williamson County, TX. H&H Technical Review. Brandon performed QC reviews for dam assessments and a risk-based prioritization of the UBCWCID's 23 existing flood detention dams including inspections and data collection, dam breach analysis modeling and mapping updates, potential failure mode analyses, risk assessments, and development of a 10-year capital improvements plan. The project also included EAP updates and risk communication support.

BRANDON HILBRICH, PE, CFM (CONTINUED)

City of Round Rock, County Road 112 from CR 117 to CR 110, Round Rock, TX. Complex Drainage Lead. Brandon is leading the schematic and PS&E drainage efforts to evaluate the schematic design of the CR 112 Road expansion from a two-lane existing road to an ultimate conditions six-lane divided urban road. Drainage efforts included coordination with FEMA and local Floodplain Administrator to acquire best available FEMA H&H models and establish implementation of NOAA Atlas 14 rainfall data. The H&H analysis included developing updated HEC-HMS hydrology and HEC-RAS 1D hydraulic models for the watershed and one minor culvert, two bridge class culverts and one bridge crossing within the project area to determine ROW needs based on drainage requirements including mitigation improvements.

TxDOT Austin District, Central Texas Turnpike System Planning and Feasibility Study, Travis and Williamson Counties, TX. Complex Drainage Lead. Brandon led external drainage feasibility analysis for roadway expansion Schematic project on Loop 1 (3.1 miles), SH 45N (11 miles), SH 130 (46 miles), and SH 45 SE (seven miles) in Travis and Williamson Counties. Brandon's efforts included coordinating with several regulatory agencies and local Floodplain Administrators to acquire available effective H&H models, cataloging over 300 cross drainage structures based on survey and as-builts, and developing existing conditions HEC-HMS hydrology and HEC-RAS hydraulic models for over 100 minor culverts, bridge-class culverts, and bridges in conformance with the TxDOT HDM. Additionally, he developed the approach to implement hydrology methodologies as outlined in the HDM with new NOAA Atlas 14 rainfall data. Approach included the development of intensity-duration-frequency and depth-duration-frequency curves for four site specific rainfall zones along the project corridor.

TxDOT Fort Worth District, SH 183 at UPRR, Tarrant County, TX. Drainage Design Lead. Brandon led internal and external drainage design efforts for roadway underpass reconstruction PS&E project on SH 183 near Lebow Channel in Tarrant County. Efforts included evaluating necessary channel improvement and floodplain impacts in HEC-HMS and HEC-RAS due to roadway improvements. Identified flood mitigation alternatives and channel scour countermeasures.

TxDOT Bryan District, Off-System Bridge Replacements, Burleson County, TX. Drainage Task Lead. Brandon led the H&H modeling and design efforts for three off-system bridge replacement PS&E projects at Oak Branch, Porter Branch, and Birch Creek in Burleson County. Efforts included developing flowrates, 1D HEC-RAS hydraulic models and bridge scour in accordance with hydraulic design manual. Completed impact analysis beyond TxDOT ROW and coordinated with local Floodplain Administration on FEMA floodplain impacts.

TxDOT Beaumont District, On-System and Off-System Bridge Replacements, Newton and Hardin Counties, TX. Drainage Task Lead. Brandon led H&H modeling and design efforts for two off-system bridge replacement PS&E projects at CR 4212 at Sabine River Branch in Newton County and Village Creek Road at Village Creek Branch in Hardin County. His efforts included developing flowrates, 1D HEC-RAS hydraulic models and bridge scour in accordance with hydraulic design manual. He completed the impact analysis beyond TxDOT ROW and coordinated with local Floodplain Administration on FEMA floodplain impacts.

TxDOT Corpus Christi District, US 77 Relief Route, Nueces County, TX. Complex Drainage Lead. Brandon is leading the complex drainage design efforts for roadway improvements construction Schematic, Environmental, and PS&E project on US 77 around Sinton, TX from Business South to Chiltipin Creek Bridge in Nueces County. Complex H&H efforts included coordination with FEMA and local Floodplain Administrator on effective floodplain information and developing XPSWMM 1D/2D external drainage and floodplain impact analysis and HEC-RAS 2D hydraulic model to evaluate bridge scour at Chiltipin Creek.

BRANDON HILBRICH, PE, CFM (CONTINUED)

TxDOT Yoakum District, IH-10 Improvements between Little Bernard Creek and Koy Road, Austin County, TX. Water Resources Engineer. Brandon was tasked with the technical review for detailed impact analysis for roadway corridor schematic project on IH-10 near Allen Creek in Sealy (TxDOT Yoakum District). Reviewed 1D XPSWMM model development to evaluate impacts of proposed roadway improvements which included multiple mitigation improvements including roadside linear detention ditches, cross drainage structures and major detention ponds.

TxDOT El Paso District, IH-10 from FM 1905 to US 85 Interchange, El Paso County, TX. Water Resource Engineer. Brandon was tasked with performing drainage evaluation for proposed roadway schematic project on IH-10 from FM 1905 to the IH-10/US 85 Interchange (approximately 14 miles) in the City of El Paso (TxDOT El Paso District). Drainage evaluation included developing hydrology models for over 70 drainage structures using the hydrology methodology (HEC-HMS), incorporating upstream regional detentions and the Borderline Diversion Channel impacts. He developed over 70 hydraulic models minor/bridge-class culverts and bridge structures using HY-8 and HEC-RAS software. Complex hydraulic analyses included tailwater considerations due to downstream regional detention facilities. Developed regional detention outlet rating curve using TR-29 methodology for two-way covered risers.

TxDOT Austin District, IH-35 at Williamson Drive, Williamson County, TX. Water Resources Engineer. Brandon was tasked with development of the proposed storm drain layout for roadway schematic project on IH-35 at Williams Drive in Williamson County. Tasks included delineation subbasins along entire corridor, identifying inlet locations and capacity per HEC-22 methodology, and determine preliminary storm drain sizes.

City of San Antonio, Hemisfair Redevelopment Project, Bexar County, TX. Water Resources Engineer. As H&H Task Lead, he developed the H&H 1D/2D XPSWMMM master plan model for Downtown San Antonio Hemisfair Park bond project which includes a complex storm drain system network. He was also responsible for evaluating existing, proposed (Phase 1), and ultimate development (multiple phase) conditions. Brandon evaluated several ultimate development drainage infrastructure improvements associated with Hemisfair Park redevelopment including local storm drainage systems, on-site detention facilities, and main trunk line upsizing. He developed drainage construction plan sheets, cost estimates, and specifications.



Lily Liu, PE, CFM
Drainage Design

Lily has eight years of experience in water resources and civil engineering projects related to H&H models for water resources studies. She has performed numerous civil engineering projects including: hydraulic design of bridges, culverts and storm sewers; erosion assessments and analysis of streambank stabilization projects; hydrologic watershed modeling; rainfall/runoff analyses; design of both regional and on-site detention ponds; reservoir operations and design; dam breaching analyses; Section 404 and FEMA permitting; TCEQ and City of Austin water quality permitting.

EDUCATION
Master of Science, Civil Engineering, University of Texas at Austin, 2013

Bachelor of Science, Water Resources and Environmental Engineering, Shaanxi University of Science and Technology, China, 2011

REGISTRATIONS
Professional Engineer, TX, No. 123440

Certified Floodplain Manager, No. 3+95-14N

INDUSTRY TENURE
8 Years

HDR TENURE
1 Year

RELEVANT EXPERIENCE

Williamson County, CR 110 (Schematic Design), Williamson County, TX. Hydraulics Support. Lily provided preliminary culvert design options for CR 110 roadway schematic development. Lily used HEC-HMS to develop flow rates for FEMA and non-FEMA culverts. She analyzed existing and proposed locations of all culverts within proposed project limits. The project also required determination of flood storage effects on the downstream Paloma Lake Dam. Developed preliminary drainage report to be used as an aide in determining the final roadway profile and design parameters.

Williamson County, CR 110 (PS&E Design), Williamson County, TX. H&H Support. Lily provided drainage engineering for PS&E phase services. She developed hydrology and designed hydraulic structures including interim cross culverts, driveway culverts, and ultimate storm drain design for full build out of future roadway improvements. In addition to development of H&H parameters for bridge class culverts, the design also included development of channel modifications within the ROW to transition between existing channel geometry to the proposed crossing culverts. Roadside channel shear stresses were determined to specify appropriate liner types including rock riprap aprons at outfalls, grass liners for ditches and concrete flumes for extreme high velocity locations.

City of Austin, Corridor F ROW, Liberty Hill, TX. H&H Support. Lily performed the preliminary drainage, water quality, and detention design to determine a maximum potential ROW footprint for environmental impacts assessment. ROW need was determined for adequate accommodation of roadway geometry, shared use path, drainage facilities, and detention/water quality ponds. Lily's duties also included meeting with design team regularly, coordinate roadway and drainage project engineers, and facilitate coordination of corridor work with adjacent projects.

City of Austin, William Cannon Drive Corridor Mobility Program, Austin, TX. Project Engineer. Lily performed schematic level drainage impact analysis and water quality design for the additional side walks through the corridor. The existing and proposed impervious cover were calculated for both on-site and off-site drainage areas. Runoffs were calculated using rational method at each outfall. Detention volumes were designed using HEC-HMS. TSS removals were calculated to meet both TCEQ Edwards Aquifer Rules and COA Barton Spring Zone requirements. StormCAD was utilized to evaluate existing storm sewer capacities.

LILY LIU, PE, CFM (CONTINUED)

TxDOT/City of Austin, RM 620 at RM 2222 Regional Mobility Improvements, Austin, TX. Project Engineer. Lily was responsible for schematic and PS&E level drainage design for RM 2222 roadway improvements from River Place Blvd. to RM 620 and a new bypass road about a mile north of Steiner Ranch Road to RM 2222. Lily designed cross culverts, storm drain trunklines, laterals, manholes and inlets to accommodate the proposed roadway widenings with curbs and medians. Lily performed erosion analysis at the proposed system outfall and cost estimate for different construction phases.

TxDOT Austin District, Mobility 35 Central 7, Travis County, TX. Project Engineer. As Task Lead, Lily performed the schematic level drainage analysis for the central seven miles of IH-35. The team evaluated hydrologic impacts of increased impervious cover for transportation improvements along seven miles of IH-35 through downtown Austin. Multiple options were accessed and proposed to mitigate hydraulic impacts due to increased peak flows, undersized conveyance system and catastrophic tail water conditions. Scour analyses and erosion impacts were quantified for outfall. Impacts to regional drainage plans, such as the Waller Creek Tunnel, are being coordinated with City and State stakeholders. Potential locations for pump station for the depressed sections were identified.

TxDOT Austin District, Mobility 35 North 16, Travis County/Williamson County, TX. Project Engineer. Lily performed schematic level hydrologic impact analysis for transportation improvements along 16 miles of IH-35 from the County line to midtown Austin. Culvert hydraulic functions were analyzed in HY-8 and HEC-RAS. Proposed non-bridge-class culverts were designed to meet the TxDOT design criteria. Brushy Creek Bridge were analyzed for proposed condition based on FEMA effective hydraulic model. Alternatives to meet the designed flood event with no adverse impact were evaluated. Scour analyses and erosion impacts were quantified for each outfall. BMPs were designed to mitigate water quality impacts according to Texas Commission on Environmental Quality over the Edwards Aquifer.

TxDOT Cibolo District, FM 1103 Roadway Widening, Cibolo, TX. Project Engineer. Lily's responsibilities included schematic level hydrologic and hydraulic design of two FEMA crossings and internal storm sewer trunk line design. The project overlaps an on-going construction at Main Street and extends east towards Rodeo Way. Two bridge class culverts were identified as the outfalls of the internal drainage system. NRCS hydrograph method and SCS curve number method were utilized for calculating external runoffs. The percentage of impervious cover for fully developed condition were calculated per City of Cibolo planned zoning files. Atlas 14 precipitation date was incorporated in the hydrologic calculations. The existing bridges did not meet current TxDOT design criteria and were undersized. Multiple options were analyzed to improve the level of service without having an adverse impact. Limited channel grading were proposed to provide additional conveyance.

TxDOT Abiliene District, FM 89 Roadway Improvements, Abilene, TX. Project Engineer. Lily was responsible for performing a complex above and sub-surface 2D hydraulic study for the proposed FM 89 roadway improvements in Abilene, Texas. The existing and proposed runoffs were computed to access the increase in peak flows caused by the proposed improvements including rehabilitation of pavement long FM 89, the additional ADA compliant sidewalks on both side of the road, and the addition of curb and gutter with storm sewer systems. EPA SWMM model was utilized for modeling the proposed inlets, leterals and trunklines. The surface detention structures to mitigate the increase in the peak runoffs at project outfalls were simulated in SWMM model to help city make decisions on mitigating the impact from the proposed roadway improvements.

TxDOT Austin District, RM 1826 Roadway Widening, Hays County, TX. H&H Support. This project included the widening of a 2.2-mile section of RM1826 from Travis County line to Nutty Brown Road in Hays County, Texas. Lily calculated peak flows for seven stream crossings, designed four culvert crossings using HY-8 and modeled the hydraulics of three proposed culvert structures crossing FEMA Zone AE floodplains using HEC-RAS. Peak flows for the two Zone AE crossings were calculated

LILY LIU, PE, CFM (CONTINUED)

using the SCS curve number method in HEC-HMS. Lily calculated the peak flows for the two Zone AE crossings using TxDOT regional regression equations to check against the HEC-HMS results and delineated the external drainage areas for all cross culverts as well as the internal drainage areas for proposed roadway. In all, Lily designed a total of 21 proposed driveway culverts and six side street cross culverts with a minimum capacity of five-year storm event to provide a better drainage system for the proposed roadway. She created the hydrology summary sheet and hydraulic summary sheet as well as seven culvert layout sheets and also assisted in preparing the cost estimate sheet for the proposed drainage structures.

TxDOT Tyler District, SH 135 Roadway Widening, Gregg County, TX. AAEIT. Lily performed the drainage analysis for this roadway widening project along SH 135 from 1.8 miles north of FM 1252 in Liberty City, north to US 271 in Gladewater (4.5 mi). SH 135 over Prairie Creek Bridge and SH 135 over Little Caney Creek Bridge are two FEMA Zone A crossings. Lily's responsibility included H&H analyses on eight cross culverts and two bridge crossings and calculated peak flows. She also designed proposed culverts to accommodate the proposed roadway improvements. She created culvert layout sheets and other hydraulic data sheets.



Terri Asendorf

Environmental Support

Terri is an Environmental Planner, Project Manager, and Architectural Historian with 13 years of experience preparing and managing NEPA studies and cultural resources projects. She serves as project manager and task leader for EAs and EISs for highway, transit, and infrastructure projects, and coordinates Section 106 projects with SHPOs throughout the U.S.. She has significant experience coordinating Section 4(f) resources for DOTs. Terri is a member of the Historical Architecture Review Commission for the City of Georgetown, Texas.

EDUCATION
Master of Science, University of Texas at Austin, 2005

Bachelor of Arts, English Literature, Virginia Commonwealth University, 1992

INDUSTRY TENURE
13 Years

HDR TENURE
3 Years

RELEVANT EXPERIENCE

TxDOT Austin District, US 290/71 Oak Hill Parkway EIS, Austin, TX. Deputy Environmental Task Lead. US 290 and SH 71 through Oak Hill act as a gateway to the hill country and serve as a critical route to Austin for the residents of Oak Hill, Lakeway, Bee Cave, Dripping Springs, and other growing communities. The project looked at improvements to increase capacity, improve safety and connectivity, and preserve the community of the Oak Hill Neighborhood along SH 71 from Silvermine Drive to US 290 in Travis County, a distance of approximately 6.7-miles. As a result of public comment, the project includes a transition area along US 290 from FM 1826 to the west of Circle Drive. Terri authored portions of the draft and final EIS including the executive summary, Record of Decision (ROD), and EPIC. Terri also attended meetings with TxDOT, the CTRMA, and reviewed technical reports and coordinated assignments among staff.

TxDOT Austin District, Williams Drive, Georgetown, TX. Environmental QC. This project was part of the Mobility 35 Program. The location of the project was Williams Drive in Georgetown, between IH-35 from North Austin Avenue to Rivery Blvd., a distance of approximately 2.15 miles. The project proposed reconstruction of the Williams Drive interchange, the addition and modification of frontage roads, construction of collector-distributor ramps, and the construction of a shared-use path. Terri performed QC for technical reports and assisted with coordination of the historic resources PCR.

TxDOT Austin District, Business 79 Widening and Drainage Improvements, Taylor, TX. Deputy Environmental Project Manager. This project included road widening and drainage improvements to Business 79 for two-miles of Business 79/2nd Street through historic downtown Taylor. Terri prepared the TxDOT CE and conducted a historic resources survey through the downtown historic district in Taylor which included historic sidewalks. She also prepared historic resources survey report and coordinated with TxDOT.

TxDOT Austin District, IH-35E Austin, TX. Deputy Environmental Task Lead. The City of Austin Corridor Mobility Program is working on designing and constructing corridors that support mobility, livability, and other outcomes outlined by the Austin City Council for the 2016 Mobility Bond Program. Nine key corridors were identified to help improve the overall transportation network. They are major thoroughfares for getting around, destinations for residents and visitors, and home to businesses as well as many Austinites. These corridors are nearly at the end of the design and environmental phase

TERRI ASENDORF (CONTINUED)

and will be entering into the construction phase in late 2020. Terri is responsible for coordinating environmental clearances for the nine corridors and providing environmental oversight. She coordinates technical reports and reviews with the City PMs, environmental consultants, and TxDOT Environmental Coordinators.

City of Dripping Springs, Sportsplex Sidewalk Project, Dripping Springs, TX. Environmental Project Manager. This project included the installation of sidewalks connecting US 290 to Dripping Springs High School using a TxDOT grant. Terri coordinated technical reports among the resource specialists, design PM, and TxDOT environmental coordinator. She reviewed technical reports and historic resources PCR.

TxDOT Dallas District, IH-35 Widening and Reconstruction Project and Environmental Assessment, Denton, TX. Environmental Project Manager. The project proposed to widen IH-35 from US 380 in the city of Denton to FM 3002 in Cooke County, requiring approximately 245 acres of new ROW along the 15-mile corridor and traversed urban and rural areas. Environmental constraints included a National Register-eligible residence within the proposed ROW. We redesigned the project to avoid demolition and a potentially lengthy Section 4(f) evaluation. The City of Sanger-owned parkland also required Section 4(f) coordination, which resulted in a diminished finding. Terri's responsibilities included preparing an EA and FONSI, which included Section 4(f) resources, a quantitative MSAT Analysis, CO TAQA Analysis, a traffic noise analysis and a noise wall/workshop. Terri managed resource specialists, reviewed technical reports, and coordinated reviews and comments with the TxDOT Dallas District. She wrote the EA using information from the technical reports and helped conduct the public hearing.



Benedict Patrick, PE, PTOE

Traffic Operations/Analysis

Benedict is a Professional Engineer and a Professional Traffic Operations Engineer in Texas with 20 years of experience in various types of transportation projects. He earned a Master's degree in Civil Engineering from Texas A&M University. Benedict serves as Project Manager and Traffic Engineering Design Lead for comparable projects in various cities and counties, including Williamson County. His expertise includes traffic engineering studies, traffic signal timing, traffic operation evaluations for freeways and highways, traffic impact analysis, traffic signal design, traffic control plans, pavement marking and signing plans, roadway impact fees, minor roadway design, highway railroad signal preemption, pedestrian and bicycle facilities, development of plans, specification, and estimates, bid documents, and construction services. He routinely attends neighborhood meetings, planning commission meetings, and city council meetings and serves as the liaison for his projects. He has extensive experience in coordination with local municipalities and stakeholders.

EDUCATION

Master of Engineering, Civil Engineering, Texas A&M University, 2001

Bachelor of Engineering, Civil Engineering, BMS College of Engineering Bangalore, 1997

REGISTRATIONS

Professional Traffic Operations Engineer, TX, No. 1881

Professional Engineer, TX, No. 96710

INDUSTRY TENURE

20 Years

HDR TENURE

18 Years

RELEVANT EXPERIENCE

City of Round Rock, On-Call Traffic Operation Engineering Service Contracts, Round Rock, TX. Project Manager. Benedict is serving as the Project Manager on multiple traffic on-call contracts for the City of Round Rock since 2011. As part of this contract, Benedict managed and led 22 different work authorizations. The various work authorizations included: developing concept schematics and cost estimates for construction of turn lanes on arterial streets; preparation of PS&E plans and bid documents for construction of a right-turn lane on an arterial street; update of the City's Transportation Criteria Manual; analysis of a proposed modern roundabout adjacent to downtown using Vissim; signal timing plan/implementation on US 79 (from IH-35 to Redbud Lane) and RM 620 (from IH-35 to Wyoming Springs Drive); traffic analysis and report preparation; preparation of a survey exhibit for Logan Drive extension; traffic signal design PS&E, bid documents, and construction services for six traffic signals; and a traffic study to evaluate the impact of removing the roundabout at Round Rock Avenue and Blair Street in downtown Round Rock. He successfully delivered quality work on an aggressive schedule for the work authorizations. Benedict's tasks included project management, preparation of scope/fee for work authorizations, coordination and meeting with City, meetings with subconsultants and project team, field review, review of analysis/report, signal design, scheduling QA/QC, coordination with contractor on signal design construction projects, reviewing construction pay applications from the contractor, and maintaining the overall schedule, budget, and quality of work.

City of Round Rock, US 79 and Harrell Parkway, Round Rock, TX. Project Manager. Benedict is serving as the Project Manager for roadway improvements project along US 79 at Harrell Parkway and Brushy Creek Plant Road as part of the Kalahari Water Resort development. PS&E plans include roadway extensions; addition of acceleration and deceleration turn-lanes; signal design; photometric analysis; illumination design; pavement marking/signing; drainage modifications; installation of water pipes under US 79; utility relocations; security gate for the water treatment plant; pavement design; and traffic control plans. The roadway extensions included crossing

BENEDICT PATRICK, PE, PTOE (CONTINUED)

the UPRR rail line, which necessitated the preparation of Exhibit A and railroad preemption forms for the traffic signal. Extensive coordination was required with TxDOT, the City, and UPRR to obtain permits and let the project. We developed PS&E plans and project manual and assisted the City in bidding the project. We are currently providing construction services on this project. Benedict's tasks included project management, coordination with various discipline leads and subconsultants in preparation of the design plans, attending bi-weekly meetings with the City and Contractor, meetings with UPRR, meetings with TxDOT for PS&E plan approval, preparation of various TxDOT forms as part of PS&E submittal, review of PS&E plans and project manual, signal design, review and approve change orders, respond to RFI's from contractor, field visits during construction, invoicing, and review of pay applications from contractor.

City of Leander, Old FM 2243 (Hero Way) Reconstruction, Leander, TX. Traffic Task Lead. We were contracted by the City of Leander to perform data collection, preliminary engineering, alternatives analysis, and PS&E development for the redevelopment of a 2.7-mile section of Old FM 2243 (Hero Way) between US 183 and Lakeline Blvd. As part of the alternative analysis, Benedict developed forecasted traffic volumes and performed traffic operational analysis for existing and forecasted conditions using Synchro to identify improvements. We incorporated the improvements into the schematic and PS&E development. Benedict also led the temporary and permanent signal designs for three intersections as part of this project.

City of Round Rock, Signal Design Related Project Work, Round Rock, TX. Signal Design Task Lead. Benedict has prepared numerous traffic signal design PS&E sets for the City. Benedict's tasks included detailed field inventory, coordination with the power company, preparation of existing and proposed signal layouts, pavement marking, ADA compliant pedestrian ramp design, conductor/conduit schedule, signing, signal phasing, vehicle detection, emergency vehicle preemption, elevations, foundation design, quantity estimates, and cost estimates. We also provided bid and construction services as part of the signal design on projects where we were the prime consultant. Some examples include: Gattis School Road and Red Bud Lane, Sam Bass Road and Chisholm Trail, and Gattis School Road and Meister Lane.

City of Round Rock, Gattis School Road Widening Project, Round Rock, TX. Traffic Task Lead. We developed schematic design plans for widening Gattis School Road to a six-lane divided section from west of Greenlawn Blvd. to the east of Red Bud Lane. As part of this project, Benedict completed the corridor analysis using VISSIM to identify roadway/intersection improvements such as the need for turn lanes, and queue storage lengths. Seventeen intersections were analyzed for existing, no-build, and build conditions for both the AM and PM peak periods. Benedict's recommendations from the traffic analysis were incorporated into the design schematic.

City of Round Rock, Meister Lane, Round Rock, TX. Traffic Task Lead. This project involved upgrading Meister Lane from a two-lane undivided roadway to a three-lane curb and gutter facility with a continuous center turn lane from SH 45 westbound Frontage Road to Gattis School Road. Benedict performed traffic analysis using Synchro software to evaluate intersection operations and designed the traffic signal for the intersection of Gattis School Road and Meister Lane. We completed the preliminary traffic analysis and developed PS&E for this project, which included roadway design, drainage, traffic control plans, pavement marking/signing, signal design, and illumination. We prepared the PS&E plan set according to City's Design and Construction Standards. The project opened to traffic on schedule and under budget.

City of Austin, Robert Mueller Municipal Airport Redevelopment Project, Austin, TX. Project Manager. Benedict led this project and developed PS&E plans for pavement marking, signing, signalization, and traffic control plans. The project represented unique challenges as it is a major trip generator and required multi-agency coordination. Benedict successfully coordinated with TxDOT and City of Austin for the design and approval of pavement marking/signing and traffic

BENEDICT PATRICK, PE, PTOE (CONTINUED)

control plans. Unique design elements included - pavement marking/signing for roundabouts to provide safe operations, pavement marking/signing for bicycle lanes and cycle tracks, and enhanced pedestrian crosswalks and signing. The plan set included layout sheets, design details, quantities, and specifications.

City of Round Rock, Public Library TIA, Round Rock, TX. Project Manager. Benedict served as the Project Manager and performed Traffic Impact Analysis (TIA) for a proposed 65,000 SF public library located near downtown Round Rock. As part of this project, we collected data at 16 intersections; computed trip generation; developed distribution spreadsheets; forecasted volumes for no-build and build conditions; performed capacity analysis for existing and forecasted conditions to evaluate traffic operations; performed pedestrian evaluation due to the proximity of the library to C.D. Fulkes Middle School; developed recommendations to mitigate impacts; developed pro-rata percent for fiscal contributions; and prepared TIA report summarizing the methodology, analysis, results, and recommendations. Benedict's tasks included project management, meeting with City, review of traffic forecasts and analysis, report writing, and maintaining the overall schedule, budget, and quality of work.

TxDOT, On-Call Contract 36-536P5133, Statewide, TX. Traffic Task Lead. We completed two work authorizations under this on-call contract. Work authorization 1 was for the TxDOT Austin District and included signal design at 21 intersections, flashing beacon design at 11 intersections, illumination design, curve advisory warning signs, and high friction pavement surface overlay at three locations. Some of these intersections were part of the HSIP funding, and we prepared two separate PS&E plan sets per TxDOT standards and specifications. The standard submittals also contained supplemental documents, including general notes, construction schedule, cost estimates, ROW letter, and forms for TxDOT letting. The signal design also included the design of ADA compliant pedestrian ramps, drainage modifications, minor roadway design, illumination, and pavement marking/signing. Illumination design for IH-35 frontage roads at Rundberg Lane included photometric analysis to identify lighting needs and preparation of illumination design plans. Work Authorization 2 was for the TxDOT Amarillo District and included signal warrant analysis at eight intersections, Rectangular Rapid Flashing Beacon evaluation at a midblock school crossing and speed zone studies for nine roadways totaling approximately 49 miles. Deliverables included technical reports for traffic studies and strip maps for the speed studies.

DEREK BOHLS, PE, CFM
DRAINAGE DESIGN
ROUND ROCK OFFICE



LJA ENGINEERING

EDUCATION
2004, BS, Civil Engineering
University of Texas at Austin

PROFESSIONAL LICENSE
2009, Professional Engineer: Texas #103424

2014, Certified Floodplain Manager: #2671-14N

TXDOT PRECERTIFICATION
Employee Sequence No. 18360
Categories: 2.5.1, 10.1.1, 10.2.1,
10.3.1, 10.5.1, 10.7.1

EXPERIENCE
Total: 16 Years // Firm: 8 Years

AVAILABILITY
- **Liberty Hill Bypass 20%**
- **Southwest Bypass 20%**
- **Availability to the County 60%**

SUMMARY OF QUALIFICATIONS
Derek has 16 years of H&H design experience on transportation projects across the state of Texas. His responsibilities include schematic development and design, PS&E, rural and urban drainage design, water quality regulations and permitting, floodplain analysis, scour analysis, water quality BMP design, impact analysis, storm sewer design, culvert design, erosion control plans, energy dissipater design, and hydrologic modeling for projects. Derek has been involved in large projects such as the MoPac Improvement Project, North Tarrant Expressway, and US 281; as well as many traditional PS&E projects such as New Hope Drive (two phases), North Mays Street, and Weiss Lane. Derek is proficient with Microstation, GeoPak, HEC-RAS, HEC HMS,
XP SWMM, ArcGIS, and HY-8.

DEREK BOHLS, PE, CFM
DRAINAGE DESIGN

1 | US 281 PHASE 2

San Antonio, Texas

Client: TxDOT // Completed: 2021 (est) // Cost: $188M // Characteristics: Urban Freeway with Frontage Roads, Mainlanes, Impact/Detention Analysis, Grade Separations Relevance: Controlled Access Facility, Added Capacity, Interim/Ultimate Design, PS&E, Edward's Aquifer Protection Zone, FEMA Streams, Bridge

Roles & Responsibilities: Derek successfully led the drainage on the SH 281 Phase 2 improvement project in the San Antonio District which included converting a 4-lane highway into a controlled access freeway with ramps and frontage roads. The design included cross culverts, storm sewer, roadside ditches, and outlet protection. The project also lies completely within the Edward's Aquifer Recharge and Contributing Zones. On and off-site drainage areas and hydrographs were produced to determine peak flow impacts due to the project. All increases were documented within the drainage report and detention solutions were applied in areas where the roadway was at the top of the drainage basin, or where outfalls tied into smaller downstream systems that could not handle the increased peak flows. Outlet velocities were minimized to reduce susceptibility to scour and erosion. All design was confirmed to meet all Environmental commitments.

2 | NEW HOPE DRIVE PHASE I

Cedar Park, Texas

Client: City of Cedar Park // Completed: 2019 // Cost: $8M // Characteristics: Urban 4-lane Divided, Impact/Detention Analysis // Relevance: Added Capacity, Interim/Ultimate Design, Schematic, PS&E, ROW Identification, Traffic Studies, Public Involvement, Edward's Aquifer Protection Zone, FEMA Streams, Bridge

Roles & Responsibilities: Derek was the Project Manager of schematic and PS&E development for a new construction 4-lane divided urban roadway in Cedar Park, Texas from Cottonwood Creek Trail to Ronald Reagan Boulevard (Phase 1), and from Ronald Reagan Boulevard to CR 175 (Phase 2). Derek coordinated the design of all aspects of the project including roadway, drainage, bridge, water quality, detention, retaining walls, ROW acquisition, Survey, Geotechnical, traffic, ADA, and public involvement components. Phase 1 of the project was design and constructed on time and under budget while Phase 2 of the project is currently under environmental review at TxDOT.

3 | NORTH MAYS EXTENSION

Williamson County, Texas

Client: Williamson County // Completed: 2018 // Cost: $14M // Characteristics: Urban Ultimate 4-lane, Interim 2-lane // Relevance: Added Capacity, Interim/Ultimate Design, Schematic, PS&E, ROW Identification, Traffic Studies, Public Involvement, Edward's Aquifer Protection Zone, FEMA Streams, Bridge

Roles & Responsibilities: Derek was the Drainage Task Lead and Water Quality Lead for a new construction roadway in Round Rock, Texas. Derek performed floodplain analysis on a FEMA crossings using HEC-RAS and HEC-HMS; coordinated with the Upper Brushy Creek Water Control & Improvement District regarding development in the designated inundation easement behind Dam #11. Proposed bridge geometry design; drainage design for PS&E including storm sewer, ditch and cross culvert design using Geopak Drainage, HY-8; and water quality design. Prepared Water Pollution Abatement Plan to be submitted to TCEQ for approval.

DEREK BOHLS, PE,CFM
DRAINAGE DESIGN

4 | NORTH-SOUTH CONNECTOR
New Braunfels, Texas

Client: City of New Braunfels // Completed: 2018 // Cost: $3.2M // Characteristics: Interim 2-lane Arterial, Ultimate 4-lane Divided Arterial, Impact/Detention Analysis // Relevance: Added Capacity, Interim/Ultimate Design, Schematic, ROW Identification, Traffic Studies, Public Involvement
Roles & Responsibilities: Derek was the Project Manager of schematic development for a new construction 4-lane divided urban roadway in New Braunfels, Texas from Alves Lane to IH 35. Derek coordinated the design of all aspects of the project including roadway, drainage, water quality, detention, ROW needs, Survey, traffic, ADA, and public involvement components. The project set the proposed limits of construction of the ultimate 4-lane road and interim 2-lane alternative in order to identify proposed ROW.

5 | RED BUD LANE
Round Rock, Texas

Client: City of Round Rock // Completed: Ongoing // Cost: $15M // Characteristics: Roadway Widening to 5-lane Urban // Relevance: Added Capacity, Interim/Ultimate Design, Schematic, PS&E, ROW Identification, Traffic Studies, Public Involvement, FEMA Streams
Roles & Responsibilities: Derek was the Project Manager of schematic and PS&E development for a reconstruction/widening of a proposed 5-lane urban roadway in Round Rock, Texas from Forest Ridge Boulevard to Gattis School Road. Derek coordinated the design of all aspects of the project including roadway, drainage, water quality, detention, retaining walls, ROW acquisition, survey, geotechnical, traffic, SUE, ADA, and public involvement components.

6 | MEADOWS AREA DRAINAGE STUDY
Round Rock, Texas

Client: City of Round Rock // Year Completed: Analysis 2018 // Construction Cost: NA Characteristics: 2-D Flood Modeling, Preliminary Engineering, 2-D Drainage Analysis, Impact/Detention Analysis // Relevance: Interim/Ultimate Design, ROW Identification, FEMA Streams
Roles & Responsibilities: Derek was the Project Manager on a comprehensive drainage study of both the Meadows and Greater Round Rock West subdivision area in Round Rock, Texas. Study included 2-D hydrologic and hydraulic analysis of a 200-acre developed area with multiple locations of historic flooding issues. Developed an existing 2-D model detailing land use, infiltration, and 1-D existing conveyance features, and applying rain on grid inflow methodology. Calibrated the model with existing rainfall data from a 2015 event, and captured video footage of flooding within the area during the same event. Created inundation map of entire area, highlighted structures within the study area with anticipated inundation. Developed potential solutions to reduce flooding within the areas and modeled in 2-D to create a proposed inundation map. Estimated costs of each improvement including storm sewer improvements, grading, utility relocation, traffic control, and ROW/easements.

7 | WEISS LANE
Pflugerville, Texas

Client: City of Pflugerville // Completed: 2016 // Cost: $18M // Characteristics: Urban/Rural 4-lane Divided, Impact/Detention Analysis // Relevance: Added Capacity, Interim/Ultimate Design, Schematic, PS&E, ROW Identification, Traffic Studies, Public Involvement, FEMA Streams, Bridge

DEREK BOHLS, PE, CFM
DRAINAGE DESIGN

Roles & Responsibilities: Derek was the Drainage Task Lead for 3 miles of roadway improvements in Pflugerville, Texas. Derek performed floodplain analysis on three FEMA stream crossings with new bridge locations using HEC-RAS and HEC-HMS; coordinated with the local floodplain administrator. Proposed bridge geometry design; drainage design for PS&E including storm sewer, ditch and cross culvert design using GEOPAK Drainage, and HY-8.

8 | FM 685

Williamson County, Texas

Client: City of Hutto // Completed: 2017 // Cost: $14M // Characteristics: Rural 4-lane Divided, Impact/Detention Analysis // Relevance: Added Capacity, Interim/Ultimate Design, Schematic, PS&E, ROW Identification, Traffic Studies, Public Involvement, FEMA Streams, Bridge

Roles & Responsibilities: Derek was Drainage Lead for the widening of FM 685 from US 79 to SH 130 in Hutto, Texas. Project widened existing roadway and added curb and gutter with a storm sewer system that outfalled into Brushy Creek. Project funded with Proposition 12 funds which required and accelerated schedule to meet the construction deadline. Responsible for drainage design, hydraulic analysis of Brushy Creek Bridges, cross culverts, erosion control, and PS&E.

9 | MOPAC IMPROVEMENT PROJECT

Austin, Texas

Client: Central Texas Regional Mobility Authority // Completed: 2018 // Cost: $200M Characteristics: Control of Access High Speed Roadway // Relevance: Controlled Access Facility, Added Capacity, PS&E, ROW Identification, Public Involvement, Edward's Aquifer Protection Zone, FEMA Streams, Bridge

Roles & Responsibilities: Derek was the Lead Drainage Engineer in designing over 75 storm sewer systems along the project corridor. Design included dynamically modeling all storm sewer systems in an effort to create inline detention to mitigate peak flow increases at the outfalls. Retrofitted existing storm sewer systems to utilize existing infrastructure. Conducted a floodplain study on Walnut Creek and submitted the results to the local floodplain administrator.

10 | RONALD REAGAN BOULEVARD NORTH PHASE 4

Williamson County, Texas

Client: Williamson County // Completed: 2013 // Cost: $20M // Characteristics: Rural Ultimate 4-lane Divided // Relevance: Ronald Reagan Corridor, Interim/Ultimate Design, Schematic, PS&E, ROW Identification, Traffic Studies, Public Involvement, Edward's Aquifer Protection Zone, FEMA Streams, Bridge

Roles & Responsibilities: Derek was the Drainage Lead for a project involving floodplain analysis on three FEMA crossings using HEC-RAS and HEC-HMS including: proposed bridge geometry design and channel mitigation, drainage design for Schematic/PS&E including ditch and cross culvert design in accordance with the Protocol for Sustainable Roadsides Manual. Coordinated ROW needs based on preliminary drainage design. Designed temporary and permanent best management practices including TSS load removal calculations along with the preparation and submission of the Water Pollution Abatement Plan in accordance with TCEQ.

McGRAY and McGRAY LAND SURVEYORS, INC.

Joe D. Webber, Jr.
Survey
Texas Registered Professional Land Surveyor, No. 4552
TXDOT Pre-Certified in Categories 15.1.1, 15.2.1, 15.2.2, 15.3.5
TXDOT Employee Seq. Number: 000011062 TXDOT Firm Seq. Number: 00000526



EDUCATION / LICENSES

TSPS approved seminars (as student and instructor)
1986/Registered Professional Land Surveyor/Texas No. 4552

EMPLOYMENT HISTORY

Cotton Surveying Company, Houston, TX – 15 yrs
SURVCON, Inc., Houston, TX – 5 yrs
SURVCON, Inc., Austin, TX – 10 yrs
Surveying And Mapping, LLC, Austin, TX – 3 yrs
McGray & McGray, Austin, TX – 4 yrs

MEMBERSHIPS, RECOGNITIONS, PROFESSIONAL SERVICE

Member of Texas Society of Professional Surveyors
Member of National Society of Professional Surveying
Member of various service, civic, and business organizations
Presented the "Surveyor of the Year" award by TSPS, October 2010
TSPS Liaison to TXDOT COGS committee
TSPS Governmental Affairs Committee

PROFESSIONAL EXPERIENCE

Mr. Webber has over 49 years of experience in land surveying, with 37 years in project management. His experience has included becoming a Principal at SURVCON and managing the Austin, TX office for 10 years. His responsibilities include coordination of services connected with the project and supervision of field services, supervision of office work, analysis of data, land title and boundary research and analysis, including TSPS Category 1A surveys, ALTA/NSPS surveys, plats, descriptions, right-of-way maps, and quality assurance. Mr. Webber has experience in land title and boundary, right-of-way, route, locative, construction, engineering design, topographic, asbuilt, utility, tree, obstruction, aerial photography control, horizontal control and vertical control. He is involved in and oversees the production of AutoCAD and MicroStation surveys, reports, cut sheets, plats, descriptions and right-of-way maps. He is responsible for coordinating and communicating with clients from the proposal stage to completion.

REPRESENTATIVE PROJECTS

Hutto Bond Program/HNTB/CTRMA/City of Hutto – Mr. Webber, as Project Manager, worked closely with HNTB to establish scope for this multi-phase project involving five intersections. Control was established and topographic surveys with 1' contours provided, locating all visible features, manholes, and trees 4" and larger. Also provided were ownership and deed information for tracts adjacent to ROW lines of the roadways within the project areas. Existing ROW was established, and Mr. Webber continues to monitor field crew and office production progress for the third phase of this project, 2019-2020

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Joe D. Webber, Jr., R.P.L.S.

US 183A Phase III PS&E – Williamson County/RTG/CTRMA – Mr. Webber supervised surveying services for the additional design survey requested along the west side of US 183A for the proposed Shared Use Path, monitoring field crew and office production progress throughout the project, 2019

US 183A from Hero Way to US 29 – Williamson County/WSP/CTRMA/Williamson County – Mr. Webber supervised aerial mapping and supplemental LiDAR services for US 183A Phase III for the preliminary design monitoring field crew and office productions progress. Project included locating tree surveys and bridge survey of the existing structure crossing San Gabriel River between the existing lanes, 2019

South Lamar Corridor Improvements, Austin, TX/City of Austin Corridor Mobility Program – Mr. Webber provided staff surveyor support for mobile mapping project. Ninety-eight mobile mapping targets were set, and obscured areas were surveyed using terrestrial scanning and conventional and GPS/RTK survey methods, 2019

US 183 From Mopac to LP 45/WSP/CTRMA/Travis County – Mr. Webber worked closely with WSP and the CTRMA to re-establish survey control and provide the client with a new aerial map of the project. He also supervised a) supplemental design survey for areas that were obscured in the aerial mapping, b) establishing nine (9) deep well monuments throughout the 9-mile project, c) establishing the right-of-way lines where proposed sidewalks are to be constructed and d) locating detention ponds for future drainage easements created for the proposed improvements, all while monitoring field crew and office production progress, 2018-2019

Linden Road Bridge #415 Replacement Project/Garver/Travis County – Mr. Webber provided the research for all the adjacent properties and created right-of-entry letters. He supervised a) establishing horizontal & vertical control, b) design topographic survey of the proposed area, c) detailed bridge survey of the existing structure, d) hydraulic cross sections as determined by the engineer, and e) boundary survey to establish the right-of-way lines of Linden Road for the creation of permanent & construction easements, continually monitoring field crew and office production progress, 2018-2019

Bullick Hollow Road Left Turn Lane Project/LAN/Travis County – Mr. Webber worked with the LCRA to obtain surveys that would establish the existing right-of-way of Bullick Hollow Road. He supervised a) establishing horizontal & vertical for the project, b) design topographic survey of the proposed area and c) establish the right-of-way line of Linden Road for the creation of permanent & construction easements, located all above ground features, and monitored field crew and office production progress, 2018

2018 Pavement Rehabilitation Project, Pflugerville, Texas/Dannenbaum/City of Pflugerville – Mr. Webber provided research for all the adjacent properties and had a map created of the subject area which defined the location of the street right-of-way lines. He supervised a) establishing horizontal & vertical control, b) design topographic survey of the proposed area and c) product for the final deliverable. He also continually monitored field crew and office production progress, 2017-2018

CR 366 Improvements Project/Garver/Williamson County – Mr. Webber worked closely with the PM for GARVER to obtain the data they needed for a proposed roadway widening project. He coordinated with an aerial mapping team member to perform aerial LiDAR flight in conjunction with

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Joe D. Webber, Jr., R.P.L.S.

supplemental design topographic survey for area defined by GARVER. Mr. Webber supervised a) establishing horizontal & vertical control for the project, which included setting two (2) deep well benchmarks, b) design topographic survey of the proposed area, c) detailed bridge survey of the existing structure, e) hydraulic cross sections, as determined by the engineer, and e) boundary survey to establish right-of-way lines of CR 366 and Carlos G. Parker, 2017-2018

FM 110/LJA/Hays County – Mr. Webber provided the research for all the adjacent properties and created right-of-entry letters. He supervised a) establishing horizontal & vertical control, b) design of topographic survey of the proposed area, c) the preparation of parcel plats & legal descriptions for proposed acquisitions and d) setting the proposed corners for the proposed parcels, monitoring field crew and office production progress, 2018

Austin Cemetery Reclaimed Water Project/Freese and Nichols/Austin – Mr. Webber supervised a) establishing horizontal & vertical control, b) design topographic survey of 16,300 linear feet of streets (between the existing right-of-way lines). This included locating surface evidence of all utilities, physical features that may be affected by construction, manhole, flowline, valve, inlet and outlet information for storm sewer infrastructure and trees 8" in diameter and greater, c) creation of a map of the adjacent subdivisions to define the existing right-of-way lines, d) coordinate with the Geotech to locate boreholes. He also monitored field crew and office technician production progress, 2016-2017

SH 138 Design Survey/SAM, LLC/TxDOT Austin District/Williamson County, TX – Mr. Webber was Senior Project Manager responsible for surveying support of roadway improvements project for SH 138 from SH 195 to US 183 (6.352 miles), supervised crews who established primary control, setting TxDOT Type II ROW monuments, and installed 38 mobile LIDAR targets, channel cross sections for hydraulic survey upstream and downstream at Salado Creek, Berry Creek, and Berry Creek Tributary were provided, kept tabs on field hours and progress to ensure efficiency, made weekly status reports, 2016

SH 130 Aerial Mapping/SAM, LLC/TxDOT Austin District/ Williamson and Travis Counties, TX – Mr. Webber was Senior Project Manager responsible for surveying support of aerial mapping project for Segments 2 and 3 of SH 130, supervised crews establishing approximately 200 panels, establishing approximately 88 secondary control points (including One-Call effort), and providing approximately 26 ground truthing cross sections, provided coordinates for all targets and cross sections, keeping tabs on field hours and progress to ensure efficiency, providing weekly status reports directly to TxDOT, 2016

Prior to Employment with McGray & McGray -

Williamson Co. Bridge & Infrastructure – Williamson County Expo Center, Taylor, TX

Mr. Webber was Senior Project Manager responsible for an engineering design (topographic) and tree survey of the existing arena along with improvements within the Expo Center or future expansion. Researched the subject and adjacent properties to locate existing utilities and create new easement documents & exhibits for a proposed P.U.E. Due to the nature of the soils in the area, and after discussing with Bob Daigh, three (3) benchmarks were set that were driven to refusal within the project area. The final product was delivered in Microstation V8i. Completed: July, 2015
Contact: Bob Daigh, PE, Williamson County Road & Bridge

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Joe D. Webber, Jr., R.P.L.S.

Williamson County Expo Center & Access Road, Taylor, TX
Mr. Webber was Senior Project Manager responsible for an engineering design (topographic) survey from the north existing edge of pavement of Chandler Road extending south approximately 1.1 miles to the south right-of-way line of Carlos G. Parker NE Boulevard (at its intersection with Northpark Blvd), 300 feet in width centered along the proposed East Williamson County Events Center Access Road alignment. This survey was done in conjunction with work being performed by K. Friese & Associates. The final product was delivered in Microstation V8i.
Completed: May, 2015 Contact: Bob Daigh, PE, Williamson County Road & Bridge

Williamson County Road & Bridge – CR 110, Williamson County, TX
Mr. Webber was Senior Project Manager responsible for supplemental topographic survey of CR 110, from US 29 south to US 79, and final staking of the proposed right-of-way. Mr. Webber met with Dannenbaum Engineering when they took over the project after which field surveys were conducted of areas that had been modified since the original mobile mapping done a few years earlier. Mr. Webber oversaw the production of a right-of-way strip map and parcel plats with descriptions for proposed right-of-way acquisitions and easements. The location of the proposed parcels were staked so the appraiser(s) could make a visual inspection of the areas. Upon acceptance of the parcels, Mr. Webber oversaw the setting of the final parcel corners and deliveries. The final product was delivered in Microstation V8i.
Completed: March, 2015 Contact: Tom Arndt, PE, Dannenbaum Engineering

San Gabriel Ranch Road, Williamson County, Texas
Sr. Project Manager responsible for surveying along San Gabriel Ranch Road for the creation of drainage easements and re-establishing the Right-Of-Way for San Gabriel Ranch Road, Chaparral Drive, and Corral Lane. This project was to determine encroachments of fences and other private improvements that were within the right-of-way lines of each of the streets. This required reconstructing the subdivision blocks that surrounded these streets to define the right-of-way lines and computing search points for property corners along the roads. Many of the boundary corners were destroyed, therefore Mr. Webber was closely involved with the analysis of the monumentation found to determine the accuracy of their location. Once the final alignment of the right-of-way lines were determined, encroachment data was provided to Williamson County. Once County Engineering determined where additional easements were needed, Mr. Webber supervised the staking and creation of an easement plat & description for each location. This project included boundary, construction, analysis, and field staking. The final product for this was delivered in Autocad Civil 3D.
Completed: February, 2015
Contact: Kon Kwon, PE, Williamson County Engineering Department

Bridgefarmer - SE Inner Loop Road Project located in front of the Williamson County Road & Bridge Office, Williamson County, TX
Mr. Webber was Senior Project Manager responsible for an engineering design (topographic) survey of the SE Inner Loop Road – from north of Belmont Drive to the most southern driveway of the City of Georgetown Sub-station, approximately 3,700 feet, with limits extending a minimum of 25 feet beyond apparent ROW.

Cambrian

Kemble White Ph.D., P.G. **Karst**

Expertise

Karst Hydrogeology and Biology of the Edwards Aquifer

Endangered Species Act Compliance

State and Municipal Edwards Aquifer Rules Compliance

Karst Preserve Design

Biological Assessments

Habitat Conservation Planning

Education and Training

Ph.D., Geology; University of Mississippi, Oxford; 2006

M.S., Engineering Geology; University of Mississippi, Oxford; 1997

B.A., Geology, Biology; University of Mississippi, Oxford; 1995

Karst Hydrology of the Edwards Aquifer; Western Kentucky University; 1999

Dr. White has specialized in land-use issues unique to the Central Texas growth corridor since the 1990s. His trusted perspective on complicated karst due-diligence issues has resulted in a long list of repeat clients and high-profile projects. His focus is the Endangered Species Act and water quality regulations pertaining to caves, springs and the Edwards aquifer. He helps his clients find the middle ground between the needs of resource protection and human population growth. Dr. White's specialties include regulatory issues surrounding endangered karst invertebrates and *Eurycea* salamanders, expert witness testimony, land use planning in environmentally sensitive areas, public outreach, preserve design, habitat conservation planning, Texas Commission on Environmental Quality (TCEQ) Geological Assessments and associated reports, City of Austin Environmental Assessments, and consulting on caves encountered during construction. He has a particular depth of experience with transportation projects.

Over the course of his career Dr. White has made a significant contribution to the state of Texas cave science and to the conservation of karst resources. His doctorate was on biospeleology, the study of caves and cave life. His research on *Cicurina* spp. cave spider genetics and the evolution of their habitat was published in *Geology*, the world's flagship peer-reviewed earth sciences journal. He has discovered many new locations for rare and endangered species and two new species have been named in his honor. His karst survey work has contributed to the establishment of thousands of acres of preserve land within the Edwards Aquifer recharge and contributing zones through land acquisitions programs, including the ESA Section 6 program. At the invitation of the U.S. Fish and Wildlife Service, he served on the recovery team for the Bexar County endangered karst invertebrates from 2002 to 2013.

Dr. White was a primary author of the Williamson County Regional Habitat Conservation Plan. Since 2008 he has worked with the Williamson County Conservation Foundation and the USFWS to develop karst preserves to recover Williamson County's endangered karst invertebrates so that they may be removed from the Endangered species list.

Dr. White has worked as a close advisor to Williamson County leadership on technical, regulatory and policy issues during the listing process for the northern Edwards Aquifer salamanders. Since 2012, he has served on the technical working group for the Georgetown and Jollyville Plateau

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Kemble White Ph.D., P.G. **Karst**

License and Permits

Texas Professional Geoscientist, #3863

USFWS 10(a)1(b) scientific permit covering Central Texas karst invertebrates and *Eurycea* salamanders (TE 37416B-0)

salamanders. His technical work and consulting experience were instrumental in developing the special 4(d) rule for the Georgetown salamander published by the USFWS in 2015.

After fifteen years as lead karst expert for one of the largest environmental firms in the country, Dr. White founded Cambrian Environmental in 2014.

Selected Project Experience

Williamson County Conservation Foundation - Williamson County Regional Habitat Conservation Plan/Environmental Impact Statement (RHCP/EIS), Williamson County, TX (2008 – Present) - Dr. White co-authored the RHCP/EIS in support of an ESA 10(a) permit for incidental take of two endangered songbirds, and two endangered karst invertebrates, the Bone Cave harvestman and Coffin Cave mold beetle. Following approval in 2008, the RHCP has evolved into one of the most successful RHCPs in the country. It has served as the primary mitigation vehicle for many Williamson County Road Bond projects including improvements to IH-35, SH 195, Ronald Reagan Blvd., R.M. 620, O'Connor Road, and many others. Dr. White continues to provide implementation services on RHCP preserves including biological monitoring of dozens of caves and several springs on RHCP preserve land.

Williamson County Engineer - Cambria Cavern Environmental Services, Round Rock, TX (February – September 2018) - Cambrian provided comprehensive karst services to the Williamson County Engineer following the collapse of a major sinkhole in the Round Rock area. Dr. White led the effort which included exploration and mapping of the cave, assisting with safety protocols, compliance and mitigation reporting to the TCEQ, collaborating with engineering consultants on the mitigation plan, providing construction inspection services, and responding to information requests from the County public information officer. The high-profile project was completed successfully despite intense media attention in a high litigation-potential situation.

TxDOT and the Central Texas Regional Mobility Authority - State Highway 45 Southwest, Travis and Hays Counties, TX (2013 – 2018) - Cambrian provided a wide range of karst services on a controversial new roadway located in the Barton Springs recharge zone. Services included conducting a karst terrain feature survey, a TCEQ Geologic Assessment,

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Kemble White Ph.D., P.G. **Karst**

endangered karst invertebrate due-diligence investigations, Barton Springs and Austin Blind salamander technical reports, and attending numerous meetings with the project team, local officials, and the public. Dr. White participated as a key member of the project karst technical working group along with a wide variety of state, local, and Federal officials. The project would include construction of approximately 3 miles of managed lanes between Mo-Pac Expressway and FM 1626 through Travis and Hays Counties.

TxDOT – Mobility 35 Williams Drive project, Georgetown, TX (2018-2019) - Dr. White coordinated karst environmental studies for a major improvements project to a Federal highway in sensitive karst terrain. Studies included components of a Texas Commission on Environmental Quality (TCEQ) geologic assessment, excavation and endangered karst invertebrate presence/absence investigations in a newly-discovered cave, and presence/absence surveys for threatened Eurycea salamanders in a newly-documented spring run. These karst studies supported the project NEPA documentation and Dr. White participated in the formal section 7 consultation for the project along with staff from the TxDOT Environmental Affairs Division, the Austin District and the USFWS Austin ESFO. Due in part to the thoroughness of karst studies this project passed the formal consultation completeness check in record time.

TxDOT – Mobility 35 from RM 2243 to RM 1431, Georgetown, TX (2018-2019) - Dr. White coordinated a geophysical study and authored a Texas Commission on Environmental Quality (TCEQ) geologic assessment for the project that will cross over Inner Space Cavern, a cave system containing listed endangered species that is also open for public cave tours. Dr. White worked with the geophysicist (Blake Weissling of San Antonio) to layout electrical resistivity lines used to image karst features. The project will improve the RM 2243 and RM 1431 intersections with the interstate while reversing ramps along IH 35 southbound. Conducting geophysical studies in karst terrain is becoming more common for roadway projects, especially where projects are in the vicinity of caves known to contain listed species. The geologic assessment describes potential hydrological impacts to Inner Space Cavern and also inventories potentially sensitive and manmade recharge features, as well as discharge features present in the project area.

Cambrian

Kemble White Ph.D., P.G. **Karst**

TxDOT and the Wilco Road Bond Program – State Highway 195 Karst Investigations and Biological Assessment, Williamson County, Texas (2012-2015). - In support of an Environmental Assessment Re-Evaluation, Dr. White led karst feature excavations, habitat evaluations and endangered karst invertebrate presence/absence surveys for a major improvements project to SH 195 between IH-35 and the Bell County line. Two species of endangered invertebrate were determined to occur within the project limits and adverse effects were evaluated. Dr. White participated extensively in the Section 7 Endangered Species Act consultation along with the Wilco Road Bond project team and various elected officials. Dr. White also led the technical effort in identifying and acquiring suitable mitigation preserves.

City of Georgetown - Southwest Bypass / Wolf Ranch Parkway, Georgetown, TX (2014 – March 2016). Cambrian was sub-contracted through SWCA Environmental Consultants and HDR Engineering to provide karst services for an approximately 3-mile roadway. Dr. White conducted a TCEQ Geologic Assessment, an endangered karst invertebrate due-diligence study including a full presence/absence survey for a newly discovered cave, and assisted with the project participation in the Williamson County RHCP. Dr. White also conducted the due-diligence studies required under the City of Georgetown Edwards Aquifer water quality ordinance which supports the USFWS special 4(d) rule for activities with the potential to harm the threatened Georgetown Salamander.

City of Georgetown - San Gabriel Park Phase 1 Karst Services, Georgetown, TX (2015-2018). - Under subcontract to RVi Planning, Cambrian provided a series of karst services in support of a major parks improvement project which included ecological restoration of the historic San Gabriel Springs. Dr. White assisted in developing the project Endangered Species Act compliance strategy, informal coordination with the USFWS, conducting a USFWS presence/absence survey for Georgetown salamanders. Dr. White also assisting landscape architects in the ecological design, and providing endangered species inspection services during the construction phase.

HVJ ASSOCIATES

JASON SCHWARZ, PE
Geotechnical

Education BS, Civil Engineering, The University of Texas at Austin, 2002
License Professional Engineer, Texas – No. 99343

TxDOT Precertifications 12.1.1, 12.1.2, 12.1.3, 12.2.1
14.1.1, 14.2.1, 14.3.1, 14.5.1

Office Location: 4201 Freidrich Lane, #110, Austin TX 78744
Industry & HVJ Tenure: 18 years

Experience Summary

Jason Schwarz has more than 18 years of experience in performing soil analysis testing in a geotechnical laboratory, geotechnical field oversight, and construction materials field inspection and testing. He has performed drilled pier inspection, monitored concrete placement, measured concrete properties, and prepared concrete samples during placement. He has measured soil-in-place density and moisture content using nuclear density equipment and performed various other construction materials testing, written reports, and managed construction materials testing projects. Mr. Schwarz has performed and is very familiar with both laboratory and field testing in accordance with ASTM, TxDOT, NICET, FAA, and AASHTO.

Relevant Project Experience

CR200 at Bold Sundown & CR 200 fr RR to CR 201, Williamson County, Texas. Project Manager for improvement of operations at the intersection of Bold Sundown and CR200 as well as provide a full reconstruction of CR200 from the railroad tracks to CR 201 in Williamson County. Improvements included notch and widening of CR200 with the addition of a left turn lane in the northbound direction at the intersection with Bold Sundown (approximately 900 feet). HVJ performed a geotechnical investigation. HVJ previously performed a geotechnical investigation and pavement design for CR 200 within these limits under the schematic phase of the project. The next phase of the project involved additional borings nearer to the intersection of Bold Sundown to verify the subsurface conditions and pavement layer thicknesses. **Relevance to the RFQ:** Project management experience and geotechnical investigation for road project.

Texas Bagdad Road, FM 2243 to North of CR280, City of Leander, Leander, Texas. Project Manager providing geotechnical engineering services for the proposed Texas Bagdad Road expansion. The existing section was a rural road 24 feet wide with two lanes and was proposed to be upgraded to an urban section with curbs and gutters 60 feet wide with five lanes. As part of the design phase, Mr. Schwarz conducted a geotechnical investigation and developed an

HVJ ASSOCIATES, INC.
Jason Schwarz, PE

asphaltic concrete pavement design for the reconstruction of Bagdad Road and for the new alignment of Park Road. **Relevance to the RFQ:** Project management experience and geotechnical investigation for road project.

FM 112 at West Brushy Creek Relief, TxDOT Austin District, Williamson County, Texas. Project Engineer for a geotechnical investigation to provide design and construction recommendations for deep foundations for the on-system bridge replacements in Williamson County. The project included the replacement of the East Brushy Creek Relief Bridge, which is 20 feet wide and 200 feet long, and the West Brushy Creek Relief Bridge, which is 20 feet wide and 100 feet long. Under Mr. Schwarz's supervision, four borings were drilled to a depth of 70 feet below existing grade. Additional bulk samples were obtained from the creek bed and sieve analysis tests were run to determine the potential for scour. Recommendations included friction curves and end bearing curves for drilled shaft foundations. **Relevance to the RFQ:** Project management experience and investigation to provide design and construction recommendations for road project.

Heatherwilde Boulevard and Wells Branch Parkway, Travis County, Austin, Texas. Project Manager responsible for signing and sealing daily inspection reports and providing engineers concurrence letter at the completion of the project for the four- to six-lane, two-mile long divided highway. Mr. Schwarz oversaw inspection and testing of soils, concrete and asphalt during construction of divided highway with retaining walls, storm drains, construction of a new water line, and water quality ponds. His knowledge of construction and contractibility of roadways is highly valuable during geotechnical design phase. **Relevance to the RFQ:** Project management experience for inspection and testing of soils, concrete and asphalt during construction for divided highway project.

Bee Creek Road Extension, Travis County, Austin, Texas. Project Manager for a geotechnical investigation for the improvement of the existing Bee Creek Road from State Highway 71 to the newly constructed Highland Boulevard. The existing 2-lane road is to be expanded to a 4-lane arterial with bike lane, sidewalk, raised median, curb/gutter along with drainage/water quality infrastructures. The length of this segment of the road is approximately 1.2 miles. Mr. Schwarz provided geotechnical analysis needed for pavement design, foundation design, slope stability design and retaining wall design, as required. Cement stabilization was used to strengthen existing limestone subgrade to make base material. Mr. Schwarz also reviewed the construction documents at the various submittal phases to confirm HVJ's geotechnical recommendations were properly addressed. **Relevance to the RFQ:** Project management experience for geotechnical analysis needed for pavement design, foundation design, slope stability design and retaining wall design for road extension.

HVJ ASSOCIATES, INC.
Jason Schwarz, PE

New Hope Road, Cedar Park, City of Cedar Park, Texas. Project Manager for the geotechnical investigation for 0.62 miles of new road along an existing alignment of New Hope Road, from the eastern edge of the Gann Ranch Subdivision to Lakeline Boulevard, and 0.59 miles of new location roadway from FM 1431 to the eastern edge of Gann Ranch Subdivision. Mr. Schwarz led the GEO team in fulfilling project objective of obtaining sufficient information on the in-situ soil conditions along the proposed alignment to develop pavement thickness design recommendations for a pavement overlay in the existing alignment and the new pavement design for the new alignment. **Relevance to the RFQ:** Project management experience for geotechnical investigation for new roadway.

RM 1431, TxDOT Austin District, Cedar Park, Texas. Staff Engineer for a geotechnical investigation for RM 1431 improvements, from a two-lane roadway to widening and realigning to a divided highway with two lanes in both directions. Project alignment is 2,000 feet north of Trails End Road to 200 feet southeast of Vista Oaks Drive, approximately 2.5 miles. The investigation provided MSE wall and pavement design recommendations. One segment of RM 1431 included a 45-foot MSE wall supported by rock nails. Mr. Schwarz engineered the Pavement Design Report prepared to meet TxDOT Austin District requirements. HVJ developed subgrade design parameters based on the geotechnical investigation as well as FWD data collected by TxDOT. TxDOT's Georgetown Area Office provided traffic analyses for highway design. Flexible pavement thickness designs using FPS19W were calculated for two base types: flexible crushed stone and HMAC. **Relevance to the RFQ:** Geotechnical investigation for roadway project.

Dr. BEREKET M. DERIE, PhD, PG
Geophysics
Round Rock Geophysics, LLC
P.O. BOX 5668 Round Rock, Texas 78683
Ph. 512.496.8728
E-Mail: Bderie@RoundRockGeo.com

EXPERIENCE:

- **Principal and Chief Executive Officer: Round Rock Geophysics LLC. - Round Rock, Texas, From February 2010 to present**
    - Manages and conducts geophysical surveys for engineering and environmental applications in all states of USA and internationally
    - Mentors new employees on the use and applications of different geophysical methods
    - Leads the company's marketing efforts
    - Overseas the overall performance of the company

- **Principal and Chief Executive Officer: Round Rock Geosciences LLC. - Round Rock, Texas, From June 2008 to 2010**
    - Established and managed Round Rock Geosciences LLC (later named as Round Rock Geophysics), a private consulting firm
    - Designed and successfully completed Geophysical Surveys for UXOs, utiilties, wind farms and other applications in TX, OK, OR, ID, NM, CO, CA, OH, ND, SD, NE, etc…
    - Represented the company in professional and social meetings together with the manager of the company

- **Geophysics Department Manager, Renewable Resource Consultants - Austin, Texas, From Dec. 2007 to June 2008**
    - Established and managed the geophysics department of the company
    - Designed and managed geophysical surveys for wind farms in Texas and New Mexico
    - Managed and participated in the marketing efforts of the company

- **Senior Geophysicist and Project Manager, AOA Geophysics - Austin, Texas, From July 2005 – Dec. 2007**
    - Managed and conducted geophysical surveys both onshore and offshore.
    - Managed and conducted geophysical surveys for engineering and environmental projects in Texas and Georgia

- Worked as a team member for deep water oil exploration along the coasts of India and Indonesia
- Conducted Magnetotelluric field measurements as part of the earth quake research program of the government of Japan

- **GIS team member, AVISTA Utilities - Spokane, WA, From June – July 2005**
  - Acted a team member to digitize utility lines in parts of Washington state

- **Geophysicist, US Geological Survey - Spokane, WA, From January - Nov. 2005**
  - Participated in the US-Array research project-funded by National Science Foundation (NSF) to map crustal rock formations of the north American continent
  - Conducted regional Magnetotelluric measurements along profile lines crossing the state of Montana

- **Senior Geophysicist, Govt. of Eritrea - Asmara, Eritrea, From Jan. 1999 – Nov. 2004**
  - Managed and conducted geophysical surveys for ground water exploration for rural areas of Eritrea, NE Africa through the combined use of Electrical, Seismic, Electromagnetic and Magnetic methods
  - Advised university students on the use of geophysical methods and their applications
  - Developed and managed a joint geophysics research between Eritrean and Israeli geophysicists for ground water exploration in coastal areas, funded by US Development Agency (USDA)

- **Geophysicist, Govt. of Ethiopia - Ethiopian Mining Enterprises, From Feb. 1998 – Jan. 1999**
  - Conducted Integrated Geophysical Well Logging Measurements for coal exploration in the western part of Ethiopia, near South Sudan boarder.

EDUCATION:

- **PhD:** Louhgborough University – UK
  Thesis: "The Integrated Use of Geophysical Methods for Groundwater Exploration in Hard Rock Areas"
  Water Resource Management Course: Egypt Water Research Institute, Egypt
- **GIS and GPS for Sustainable Environmental Development:** University of Wales, Bangor, UK
- **Master of Science in Geophysics:** Addis Ababa University, Ethiopia
- **Bachelor of Science:** Addis Ababa University, Ethiopia

REGISTRATION: Registered as a Professional Geophysicist (PG) in the state of Texas.

EXPERTISE: Ground Penetrating Radar (GPR), Electrical Resistivity, Thermal Resistivity, Spontaneous Potential, Induced Polarization, Seismic Refraction, Seismic Reflection, Multi-Channel Analysis of Surface Waves, Spectral Analysis of Surface Waves, Refraction Microtremor (ReMi), Cross-Hole and
Down-Hole Seismic, Magnetic, Electromagnetic (EM-61, EM 34, EM 47 and EM 57) and Gravity.
Expertise Related to UnExploded Ordinancers:
I have been using EM-61 and Oasis Mantaj and Surfer for UXO application projects in different parts Texas since 2010. The most recent project was completed in Camp Swift, central TX
COUNTRIES VISITED: Ethiopia, Eritrea, Egypt, UK, USA, Mexico, Canada, India, Indonesia

CITIZENSHIP: USA

Appendix B: Debarment and Licensing

Debarment and Licensing questions have been answered in Negometrix.

Appendix C: CIQ

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.**

HDR Engineering, Inc.

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.**

Not applicable.

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 direction of 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.**

Not applicable.

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

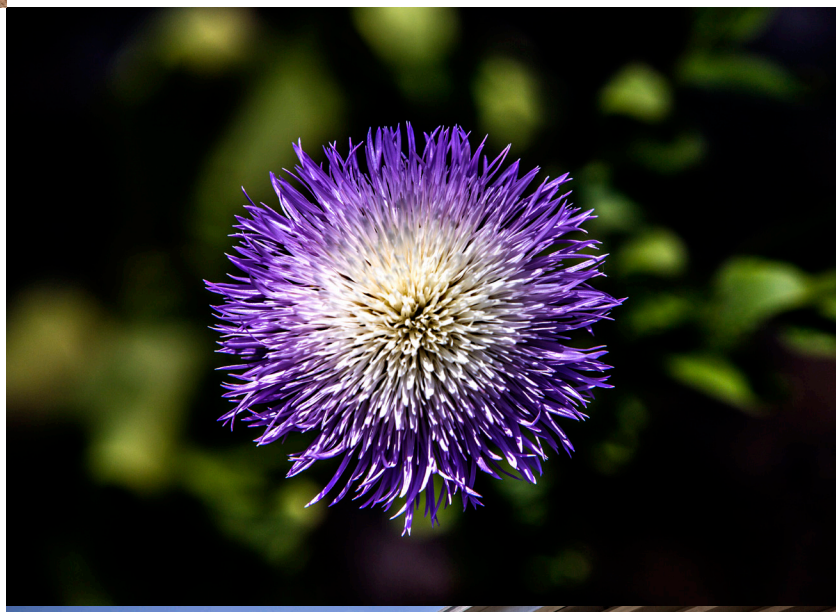
Signature of vendor doing business with the governmental entity

10/23/2020

Date

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







710 Hesters Crossing, Suite 150,
Round Rock, TX 78681
512.685.2900

hdrinc.com

We practice increased use of sustainable materials and reduction of material use.

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Commissioners Court - Regular Session **43.**

Meeting Date: 03/16/2021

3866 Forest North Drainage Phase 3 Change Order No. 6

Submitted By: Dawn Haggard, Road Bond

Department: Road Bond

Agenda Category: Regular Agenda Items

Information

Agenda Item

Discuss, consider, and take appropriate action regarding Change Order #6 in the amount of $25,200.00 for Forest North Drainage Phase 3 (DeNucci Constructors, LLC), a Road Bond project in Commissioner Pct. 1. P: 225 Funding Source: Road Bond

Background

This Change Order adds a new item to pay the Contractor for 24” Reinforced Concrete Pipe (RCP) 6:1 Safety End Treatments (SET). The plans call to install 6:1 SET’s on the 24” RCP at the ends of driveway culverts on Chester Forest in the Sherbourne Zone. On the bid form, no pay item was set up for this work. Item 0467-6392 (SET (TY II) (24IN) (RCP) (6:1) (P)) is added to pay for this work.

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

3866 Forest North Drainage Phase 3 Change Order No. 6

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Andrea Schiele	03/11/2021 11:45 AM
Form Started By: Dawn Haggard		Started On: 03/11/2021 10:16 AM
Final Approval Date: 03/11/2021		

WILLIAMSON COUNTY, TEXAS
CHANGE ORDER NUMBER: 6

Project:	*Forest North Phase 3*
Roadway:	*Drainage Improvements*
CSJ Number:	*3866*

1. CONTRACTOR: **DeNucci Constructors, LLC.**

2. Change Order Work Limits: Sta. **Various** to Sta. _____

3. Type of Change(on federal-aid non-exempt projects): **Minor** (Major/Minor)

4. Reasons: **1A** (3 Max. - In order of importance - Primary first)

5. Describe the work being revised:

1A: Design Error or Omission. Incorrect PS&E. This Change Order adds an item to pay for 24" RCP 6:1 safety end treatments (SET's). Plan sheet 120 of 201 (SB7 of SB10) calls for the 24" RCP on Chester Forest Street to have 6:1 SET's but no pay items were created to pay for this item on the bid forms.

6. Work to be performed in accordance with Items: **see attached**

7. New or revised plan sheet(s) are attached and numbered: **N/A**

8. New Special Provisions/Specifications to the contract are attached: ☐ Yes ☐ No

9. New Special Provisions to Item N/A No. N/A, Special Specification Item N/A are attached.

Each signatory hereby warr: 4200

The contractor must sign the Change Order and, by doing so, agrees to waive any and all claims for additional compensation due to any and all other expenses, additional changes for time, overhead and profit, or loss of compensation as a result of this change.

THE CONTRACTOR Date 3/8/21

By Paul T. DeNucci

Typed/Printed Name PAUL T. DeNUCCI

Typed/Printed Title _____

The following information must be provided

Time Ext. #: N/A Days added on this CO: 0

Amount added by this change order: $25,200.00

RECOMMENDED FOR EXECUTION:

Project Manager 3/9/21 Date

N/A
Design Engineer Date

Program Manager 3/9/2021 Date

Design Engineer's Seal:

County Commissioner Precinct 1 Date
☐ APPROVED ☐ REQUEST APPROVAL

County Commissioner Precinct 2 Date
☐ APPROVED ☐ REQUEST APPROVAL

County Commissioner Precinct 3 Date
☐ APPROVED ☐ REQUEST APPROVAL

County Commissioner Precinct 4 Date
☐ APPROVED ☐ REQUEST APPROVAL

County Judge Date
☐ APPROVED

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: ***6*** ***Project #*** ***st North Phase 3***

TABLE A: Force Account Work and Materials Placed into Stock DeNucci Constructors

	LABOR	HOURLY RATE			HOURLY RATE

TABLE B: Contract Items:

				ORIGINAL + PREVIOUSLY REVISED		ADD or (DEDUCT)	NEW		
ITEM	DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	ITEM COST	QUANTITY	QUANTITY	ITEM COST	OVERRUN/ UNDERRUN
0467-6392	SET (TY II) (24IN) (RCP) (6:1) (P)	EA	$4,200.00	0.00	$0.00	6.00	6.00	$25,200.00	$25,200.00
TOTALS					$0.00			$25,200.00	$25,200.00

CHANGE ORDER REASON(S) CODE CHART

1. Design Error or Omission	1A. Incorrect PS&E 1B. Other
2. Differing Site Conditions (unforeseeable)	2A. Dispute resolution (expense caused by conditions and/or resulting delay) 2B. Unavailable material 2C. New development (conditions changing after PS&E completed) 2D. Environmental remediation 2E. Miscellaneous difference in site conditions (unforeseeable)(Item 9) 2F. Site conditions altered by an act of nature 2G. Unadjusted utility (unforeseeable) 2H. Unacquired Right-of-Way (unforeseeable) 2I. Additional safety needs (unforeseeable) 2J.
3. County Convenience	3A. Dispute resolution (not resulting from error in plans or differing site conditions) 3B. Public relations improvement 3C. Implementation of a Value Engineering finding 3D. Achievement of an early project completion 3E. Reduction of future maintenance 3F. Additional work desired by the County 3G. Compliance requirements of new laws and/or policies 3H. Cost savings opportunity discovered during construction 3I. Implementation of improved technology or better process 3J. Price adjustment on finished work (price reduced in exchange for acceptance) 3K. Addition of stock account or material supplied by state provision 3L. Revising safety work/measures desired by the County 3M. Other
4. Third Party Accommodation	4A. Failure of a third party to meet commitment 4B. Third party requested work 4C. Compliance requirements of new laws and/or policies (impacting third party) 4D. Other
5. Contractor Convenience	5A. Contractor exercises option to change the traffic control plan 5B. Contractor requested change in the sequence and/or method of work 5C. Payment for Partnering workshop 5D. Additional safety work/measures desired by the contractor 5E. Other
6. Untimely ROW/Utilities	6A. Right-of-Way not clear (third party responsibility for ROW) 6B. Right-of-Way not clear (County responsibility for ROW) 6C. Utilities not clear 6D. Other

Williamson County Road Bond Program

Forest North Drainage Phase 3
Williamson County Project No. 3866

Change Order No. 6

Reason for Change

This Change Order adds a new item to pay the Contractor for 24" Reinforced Concrete Pipe (RCP) 6:1 Safety End Treatments (SET). The plans call to install 6:1 SET's on the 24" RCP at the ends of driveway culverts on Chester Forest in the Sherbourne Zone. On the bid form, no pay item was set up for this work. Item 0467-6392 (SET (TY II) (24IN) (RCP) (6:1) (P)) is added to pay for this work.

The following new items will be added by this Change Order.

ITEM	DESCRIPTION	QUANTITY	UNIT
0467-6392	SET (TY II) (24IN) (RCP) (6:1) (P)	6	EA

This Change Order results in a net increase of $25,200.00 to the Contract amount, for an adjusted Contract total of $4,880.802.52. The original Contract amount was $4,793,058.15. As a result of this and all Change Orders to-date, $87,744.37 has been added to the Contract, resulting in a 1.83% net increase in the overall Contract cost. No time will be added to the Contract for this Change Order.

HNTB Corporation

Lowell D. Choate, P.E.

Tracy Cooper

From: paul@denucciconstructors.com
Sent: Friday, January 15, 2021 4:13 PM
To: Aaron DeNucci; Tracy Cooper
Subject: RE: Fwd: 3866-Forest North PH 3 -- 24" 6:1 RCP SET Change Order

Hi Tracy - the current cost to upgrade a 24" SET from a 4:1 to a 6:1 is $600.00

This is our relative pricing.

If you need to use to our Ph 1 work as a reference, please do. The cost has increased for 2017 on both items, but they remain relative to each other (500.00 delta in 2017, $600.00 delta in 2020)

Paul T. DeNucci
DeNucci Constructors, LLC
8310-1 Cap Tx Hwy N. Ste 275
Austin, Texas 78731
512-335-0600
512-342-0600 fax
512-658-3986 cell
paul@denucciconstructors.com
www.denucciconstructors.com

> -------- Original Message --------
> Subject: Fwd: 3866-Forest North PH 3 -- 24" 6:1 RCP SET Change Order
> From: Aaron DeNucci <aarond@denucciconstructors.com>
> Date: Fri, January 15, 2021 4:08 pm
> To: Paul DeNucci <paul@denucciconstructors.com>
>
> Aaron J. DeNucci
> DeNucci Constructors LLC
> 8310-1 Cap TX Hwy N Ste 275
> Austin, TX 78731
> 512-335-0600 office
> 515-865-8127 cell
> aarond@denucciconstructors.com
> www.denucciconstructors.com
>
> Begin forwarded message:
>
> > **From:** Tracy Cooper <tcooper@hntb.com>
> > **Date:** January 15, 2021 at 09:08:17 CST
> > **To:** Aaron DeNucci <aarond@denucciconstructors.com>
> > **Cc:** 34275_RB_ForestNorthDrainage <34275_RB_ForestNorthDrainage@hntb.com>
> > **Subject: 3866-Forest North PH 3 -- 24" 6:1 RCP SET Change Order**
> >
> > Aaron,

Can you please send me the backup for your pricing for the 6:1 24" RCP SET's so I can get the Change Order rolling.

Thank you,

Tracy Cooper
Field Representative
Tel (512) 691-2268
Cell (512) 608-7468 Email tcooper@hntb.com

HNTB CORPORATION
101 E. Old Settlers Blvd.; Round Rock, Texas 78664

100+ YEARS OF INFRASTRUCTURE SOLUTIONS



This e-mail and any files transmitted with it are confidential and are intended solely for the use of the individual or entity to whom they are addressed. If you are NOT the intended recipient and receive this communication, please delete this message and any attachments. Thank you.

* AFTER FURTHER REVIEW & NEGOTIATIONS THE CONTRACTOR HAD ORIGINALLY QUOTED $4,200 EA BUT MADE AN ERROR WHEN JUSTIFYING THAT PRICE ($600 INSTEAD OF $700 DIFFERENCE BETWEEN THE 4:1 & 6:1. WE FIND $700 INCREASE TO BE FAIR & REASONABLE

ESTIMATE PERIOD: **9/1/2017 - 9/30/2017**

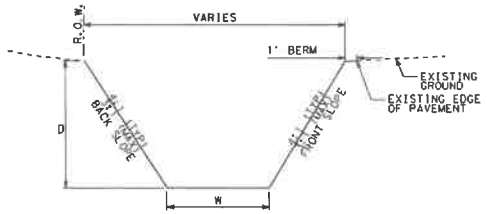
ITEM #	TECH SPEC #	DESCRIPTION	UNIT	CONTRACT UNIT PRICE
30	0467 6391	SET (TY II) (24 IN) (RCP) (4: 1) (P)	EA	$3,300.00
31	0467 6394	SET (TY II) (24 IN) (RCP) (6: 1) (C)	EA	$3,800.00

CONTRACTORS PROPOSED PRICE OF $~~4,100~~ 4,200 EA IS $~~600~~ 700 HIGHER THAN THE PRICE THEY HAVE FOR 4:1 SET ON PROJECT. THEIR COMPARATIVE PRICING, SHOWN ABOVE, FROM FOREST NORTH PHASE I PROJECT, 3-4 YEARS AGO WAS A $500 EA DIFFERENCE. BASED ON THIS, THE PRICE TO DO 6:1 FOR THIS PROJECT IS FOUND TO BE FAIR & REASONABLE.

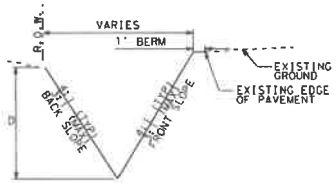
TLG

Channel Hydraulics Summary

CIP Project ID	Channel ID	Segment ID	Upstream Station (sta)	Upstream Offset (ft)	Upstream Flowline (ft)	Downstream Station (sta)	Downstream Offset (ft)	Downstream Flowline (ft)	Length (ft)	Longitudinal Slope (%)	Roughness Coefficient (n)	Bottom Width (W) (ft)	Depth (D) (ft)	Side Slope Front (_:1)	Side Slope Back (_:1)	Capacity (cfs)	Lining Material	Q_{25} (cfs)	V_{25} (fps)	d_{25} (ft)
SB1	SB1-1	1	1+51.50	15.50 RT	909.95	2+37.75	17.20 RT	906.45	86	4.06	0.040	N/A	2.30	3.0	3.0	125.9	GRASS	25.4	5.32	1.26
		2	2+76.65	15.90 RT	905.92	3+48.60	16.10 RT	904.70	72	1.70	0.040	N/A	2.30	3.0	3.0	61.5	GRASS	25.4	3.84	1.49
		3	3+86.75	15.90 RT	903.85	4+19.60	15.90 RT	903.55	33	0.91	0.040	N/A	2.50	3.0	3.0	74.4	GRASS	25.4	3.03	1.67
	SB1-3	1	1+11.00	20.00 LT	923.30	1+85.00	21.25 LT	922.05	74	1.69	0.040	N/A	2.30	3.0	3.0	61.2	GRASS	17.4	3.48	1.29
		2	2+37.00	22.50 LT	921.10	2+46.75	22.30 LT	920.75	10	3.59	0.040	N/A	2.20	3.0	3.0	105.2	GRASS	17.4	4.62	1.12
		3	2+80.75	22.30 LT	920.40	3+00.50	21.80 LT	919.78	20	3.14	0.040	N/A	2.50	3.0	3.0	138.3	GRASS	17.4	4.39	1.15
		4	3+18.50	21.75 LT	918.81	3+57.00	21.25 LT	918.22	39	1.53	0.040	N/A	2.50	3.0	3.0	96.5	GRASS	17.4	3.36	1.32
		5	3+75.00	21.25 LT	917.83	4+80.60	20.50 LT	916.45	106	1.31	0.040	N/A	2.10	3.0	3.0	56.1	GRASS	17.4	3.17	1.35
		6	5+33.25	20.50 LT	915.47	5+71.00	20.15 LT	915.00	38	1.25	0.040	N/A	2.10	3.6	3.2	62.6	GRASS	17.4	3.03	1.30
		7	6+11.00	20.70 LT	914.65	6+26.00	20.50 LT	914.50	15	1.00	0.040	N/A	2.10	3.7	3.6	60.3	GRASS	17.4	2.75	1.32



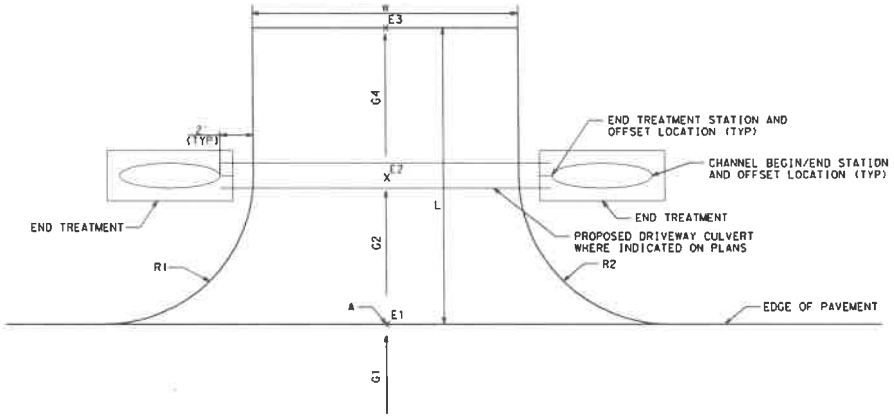
CHANNEL TYPICAL SECTION



CHANNEL TYPICAL SECTION

Driveway Culvert Summary

CIP Project ID	Driveway ID	Station (A) (sta)	Length (L) (ft)	Width (W) (ft)	Radius (R_1) (ft)	Radius (R_2) (ft)	Roadway Grade (G_1) (%)	Driveway Grade (G_2) (%)	Sidewalk Grade (G_3) (%)	Driveway Grade (G_4) (%)	Elevation (E_1) (ft)	Elevation (E_2) (ft)	Elevation (E_3) (ft)	Sidewalk Area (sy)	Driveway Area (sy)	Number of Barrels	RCP (CL III) (18 IN) (lf)	RCP (CL III) (24 IN) (lf)	End Treatment (ea)	Upstream Station (sta)	Upstream Offset (ft)	Upstream Flowline (ft)	Downstream End Treatment (ea)	Downstream Station (sta)	Downstream Offset (ft)	Downstream Flowline (ft)	Slope (%)	Roughness Coefficient (n)	Culvert Flows Q_{25} (cfs)	d_{25} (ft)	Capacity (cfs)
SB1	1	2+11.00	18	2[illegible]	5	5	-1.00	-7.50	N/A	-0.40	924.48	923.68	923.78	N/A	50	1	34		6:1 SET	1+94.00	21.25 LT	922.05	6:1 SET	2+28.00	22.50 LT	921.10	2.79	0.012	17.4	1.44	19.0
	1S	2+63.75	18	4	N/A	N/A	-2.00	-7.47	N/A	3.86	923.53	922.79	923.09	8	N/A	1	16		6:1 SET	2+55.75	22.30 LT	920.75	6:1 SET	2+71.75	22.30 LT	920.40	2.19	0.012	17.4	1.51	16.8
	2	3+25.00	17	12	5	5	-5.60	-2.98	N/A	4.27	921.87	921.65	921.94	N/A	23	1	31		6:1 SET	3+09.50	21.80 LT	919.78	6:1 SET	3+40.50	21.75 LT	918.81	3.13	0.012	17.4	1.41	20.1
	2S	3+72.95	18	3	N/A	N/A	-4.95	-6.30	N/A	2.63	920.54	920.01	920.24	6	N/A	1	14		6:1 SET	3+66.00	21.25 LT	918.22	6:1 SET	3+79.90	21.25 LT	917.83	2.79	0.012	17.4	1.45	19.0
	3	4+36.43	19	18	5	5	-5.40	5.22	N/A	3.46	918.28	918.76	919.13	N/A	38	1	34		6:1 SET	4+48.60	20.50 LT	916.45	6:1 SET	5+24.25	20.50 LT	915.47	2.88	0.012	17.4	1.44	19.3
	4S	5+91.00	20	3	N/A	N/A	-2.54	5.03	N/A	3.84	917.30	917.80	918.17	6	N/A	1	22		6:1 SET	5+80.00	20.15 LT	915.00	6:1 SET	6+02.00	20.70 LT	914.65	1.59	0.012	17.4	1.61	14.4
	4	6+42.63	20	10	5	5	-3.44	5.51	N/A	-0.38	916.92	917.46	917.40	N/A	23	SEE STORM SEWER HYDRAULIC CALCULATIONS																
	5	6+56.31	21	10	5	5	4.15	0.03	N/A	2.81	916.70	916.69	917.00	N/A	23	SEE STORM SEWER HYDRAULIC CALCULATIONS																
	5S	7+34.50	21	4	N/A	N/A	-3.89	0.60	N/A	3.00	915.49	915.95	916.20	9	N/A	SEE STORM SEWER HYDRAULIC CALCULATIONS																
	6	2+57.20	18	11	5	5	-0.71	0.11	N/A	-5.38	909.04	909.05	908.56	N/A	23	1		23	6:1 SET	2+45.75	17.20 RT	906.51	6:1 SET	2+68.65	16.70 RT	905.92	0.026	0.012	25.4	1.7	39.3
	7	3+67.68	18	12	5	5	1.50	4.75	N/A	6.61	906.67	907.11	906.52	N/A	25	1		23	6:1 SET	3+56.60	16.10 RT	904.70	6:1 SET	3+78.75	16.40 RT	903.85	0.037	0.012	25.4	1.6	47.1



DRIVEWAY DETAIL

REVISION DESCRIPTION	DATE	BY	NO.

Victoria M. Ortega
STATE OF TEXAS
VICTORIA M. ORTEGA
11096
LICENSED PROFESSIONAL ENGINEER
1/23/2020

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

WILLIAMSON COUNTY
FOREST NORTH DRAINAGE IMPROVEMENTS
SHERBOURNE ZONE
CHANNEL AND DRIVEWAY SUMMARY

K·FRIESE + ASSOCIATES
1120 S. Capital of Texas Highway
CityView 2, Suite 100
Austin, Texas 78746
P - 512.338.1704
F - 512.338.1704
TBPE Firm #8535
www.kfriese.com

WILLIAMSON COUNTY
1848

SCALE

DATE 1/24/2020

SHEET NO.
SB7 OF SB10

SHEET 120 OF 201

X:\Projects\0300 - Forest North Phase 2\DGN\Sheets\0300-SB-HYD01.dgn modified by dcryan on 1/22/2020 - 11:16:10 AM

BID FORM
WILLIAMSON COUNTY, TEXAS

PROJECT: Forest North Residential Drainage Improvements - Phase III **BIDDER:** DeNucci Constructors, LLC

Full compensation for compliance with each and every provision of the Request for Bids, the Bid, the Specifications, and the Contract will be considered as included in the unit prices for the work set forth below, and no separate payment will be made for compliance with each and every provision of the Request for Bids, the Bid, the Specifications, and the Contract, unless separate payment is expressly provided for therein.

BID ITEM	TECH SPEC[1]	DESCRIPTION	BID QUANTITY	UNIT MEASURE	UNIT COST	AMOUNT BID
35	0465 6128	INLET (COMPL)(PSL)(FG)(4FTX4FT-4FTX4FT)	11	EA	$ 4,600.00	$ 50,600.00
36	0465 6130	INLET (COMPL)(PSL)(FG)(3FTX5FT-3FTX5FT)	2	EA	$ 5,600.00	$ 11,200.00
37	0465 6137	INLET (COMPL)(PSL)(FG)(5FTX6FT-3FTX3FT)	1	EA	$ 6,000.00	$ 6,000.00
38	0465 6140	INLET (COMPL)(PSL)(FG)(6FTX6FT-3FTX3FT)	1	EA	$ 6,500.00	$ 6,500.00
39	0466 6112	HEADWALL (CH - PW - A - 0) (DES= 5)	2	EA	$ 3,800.00	$ 7,600.00
40	0466 6113	HEADWALL (CH - PW - A - 0) (DES= 6)	2	EA	$ 4,400.00	$ 8,800.00
41	0466 6180	WINGWALL (PW - 1) (HW=5 FT)	2	EA	$ 5,200.00	$ 10,400.00
42	0466 6181	WINGWALL (PW - 1) (HW=6 FT)	1	EA	$ 6,800.00	$ 6,800.00
43	0467 6357	SET (TY II) (18 IN) (RCP) (3: 1) (P)	1	EA	$ 2,400.00	$ 2,400.00
44	0467 6359	SET (TY II) (18 IN) (RCP) (4: 1) (P)	12	EA	$ 2,600.00	$ 31,200.00
45	0467 6363	SET (TY II) (18 IN) (RCP) (6: 1) (P)	13	EA	$ 3,000.00	$ 39,000.00
46	0467 6390	SET (TY II) (24 IN) (RCP) (4: 1) (C)	1	EA	$ 3,500.00	$ 3,500.00
47	0467 6391	SET (TY II) (24 IN) (RCP) (4: 1) (P)	5	EA	$ 3,500.00	$ 17,500.00
48	0496 6007	REMOV STR (PIPE)	679	LF	$ 14.00	$ 9,506.00
49	0496 6008	REMOV STR (BOX CULVERT)	34	LF	$ 105.00	$ 3,570.00
50	0496 6043	REMOV STR (SMALL FENCE)	178	LF	$ 8.00	$ 1,424.00
51	0500 WC01	MOBILIZATION	1	LS	$ 200,000.00	$ 200,000.00

[1]Refer to the Technical Specifications section for a description of the specific reference number.

Eddie R. Church

From: paul@denucciconstructors.com
Sent: Wednesday, December 30, 2020 10:18 AM
To: Cindy Niels; Dawn Haggard; Clayton Weber; James Klotz; Eddie R. Church; Aaron DeNucci; Tracy Cooper; 34275_RB_ForestNorthDrainage; Lowell Choate
Subject: 3866 FN SET pricing

We have noted that there are no 24" 6:1 SET's in the contract bid items (only 4:1).

Per plan, we are installing 6:1 SET's

DeNucci's contract price on the 24" 4:1 pricing is $3,500.00 each.

The proposed price for the 6:1 24" SET's is $4,200.00.

Per our conversation with Tracy Cooper, DeNucci will bill the 6:1 SET's under the 4:1 bid item in our December invoice per the following:

(6) 24" 6:1 SET's x 4200.00 = $25,200.00/$3500.00 = 7.2 QTY of 4:1 SET.

We are doing this due to the force account being locked on our pay app.

Thank you.

Paul T. DeNucci
DeNucci Constructors, LLC
8310-1 Cap Tx Hwy N. Ste 275
Austin, Texas 78731
512-335-0600
512-342-0600 fax
512-658-3986 cell
paul@denucciconstructors.com
www.denucciconstructors.com

Commissioners Court - Regular Session **44.**

Meeting Date: 03/16/2021

SE Loop Relocation Claims

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 3 Relocation Claims for Payment with Christopher and Amanda Robinson related to the right of way acquisition on the SE Loop project (Parcel 19). Funding Source: Road Bonds P463

Background

Fiscal Impact

From/To	Acct No.	Description	Amount

Attachments

Robinson Relocation Claim

Robinson- Incidentals Claim

Robinson- Move Claim

Form Review

Inbox	Reviewed By	Date
County Judge Exec Asst.	Andrea Schiele	03/11/2021 09:46 AM
Charlie Crossfield (Originator)	Charlie Crossfield	03/11/2021 10:33 AM
Form Started By: Charlie Crossfield		Started On: 03/11/2021 08:43 AM
Final Approval Date: 03/11/2021		

CLAIM FOR PAYMENT OF

☐ **Down Payment** ☒ **Housing Supplement**

Print or Type All Information - Read Rules on Reverse Side

1. Name of Claimant(s):
Christopher and Amanda Robinson

Parcel No.: 19

County: Williamson

Project: A-1 Southeast Loop

2. Property Acquired by Williamson County
By: ☒ Negotiation ☐ Condemnation
Address:
100 Dana Drive
Hutto, Texas 78643

3. Replacement Housing Address:
308 Barley Fork Lane
Hutto, Texas 78634

4. Occupancy of County-Acquired Property
From:09/09/2016 To: 02/28/2021

☒ Owner-Occupant ☐ Tenant
☒ House ☐ Apartment
☐ Mobile Home ☐ Sleeping Room

5. Replacement Housing Data
   a. Date of Physical Occupancy of Replacement Housing: 02/23/2021
   b. Filing Date of Instrument of Conveyance: 02/10/2021
   c. Purchase Price of Replacement Dwelling: $340,047

6. Controlling Dates	Mo.	Day	Yr.
a. First Offer in Negotiations	04	17	2020
b. Date Property Acquired	08	28	2020
c. Date Required to Move	02	28	2021

7. Type and Amount of Claim:
   a. Housing Supplement: $11,000
   b. Down Payment: $ N/A

8. Payment of this claim in the amount shown in Block 7 is requested. I certify that this move was made as a result of the acquisition of property for highway purposes. The information submitted herewith is true and correct and that the dwelling I now occupy meets the standards for decent, safe, and sanitary housing to the best of my knowledge and belief.

03/05/2021
Date of Claim

Claimant

Claimant

Spaces Below to be Completed by Williamson County

Show computations necessitated by previous payments or awards in condemnation on reverse side

The dwelling at the address under Block 3 above has been inspected and in my opinion meets the standards for decent, safe, and sanitary housing.

02/09/2021
Date of Inspection

Danny Jackson -
Inspected By - Signature

I certify that I have examined this claim and found it to conform to the applicable laws and regulations governing relocation assistance payments. I further certify the computation of the payment and the information shown herein is correct. This claim is recommended for payment as follows:

Amount of $11,000

Date: 03/05/2021 By: Laura A. Nelson
Relocation Agent

Date: _____ By: _____
Williamson County Judge

REPLACEMENT HOUSING INSPECTION

Name of Claimant: Christopher and Amanda Robinson	Parcel No.: 19	County: Williamson Project: Corridor A-1 Southeast Loop

Address:
308 Barley Fork Lane
Hutto, Texas 78634

Number of Displaced Persons in Family 5 Purchase Price or Monthly Rent $340,047

Replacement Dwelling

House ☒ Duplex ☐ Apartment ☐ Sleeping Room ☐			
Mobile Home: Width: Length:		Other:	
Floor Space: 2,300 sq. ft.	No. Rooms: 8	No. Bedrooms: 4	No. Baths: 2.5

Dwelling Inspection

Yes	No		Yes	No	
☒	☐	1. Meets all applicable building codes.	☒	☐	6. Has provisions for artificial lighting in each room.
☒	☐	2. Has required potable water.	☒	☐	7. Is structurally sound, in good repair and adequately maintained.
☒	☐	3. Has required kitchen facilities.	☒	☐	8. Has required safe means of egress.
☒	☐	4. Has required heating system.	☒	☐	9. Has required habitable floor space.
☒	☐	5. Has required bathroom facilities.			

Comments:

The dwelling at the address above has been inspected and, in my opinion, meets the standards for decent, safe, and sanitary housing.

02/10/2021
Date of Inspection

Danny Jackson -
Inspected By - Signature

Replacement Housing Standards

A **decent, safe and sanitary dwelling** is any dwelling which meets the applicable housing and occupancy codes for the area in which the dwelling is located. However, if any of the following are not met by the applicable code, such following standards shall apply. The dwelling shall:

1. Be structurally sound, weathertight, and in good repair and shall contain a safe electrical wiring system adequate for lighting and other customary electrical devices. A replacement dwelling may reflect some physical defects and deferred maintenance if the flaws are easily correctable and do not threaten the general fitness, functional condition or habitability of the structure.

2. Contain a heating system capable of sustaining a healthful temperature (of approximately 70 degrees) for a displaced person, except in those areas where local climatic conditions do not require such a system.

3. Be adequate in size with respect to the number of rooms and area of living space needed to accommodate the displaced person. There shall be a separate, well lighted and ventilated bathroom that provides privacy to the user and contains a sink, bathtub or shower stall, and a toilet, all in good working order and properly connected to appropriate sources of water and to a sewage drainage system. In the case of a housekeeping dwelling, there shall be a kitchen area that contains a fully usable sink, properly connected to potable hot and cold water and to a sewage drainage system, and adequate space and utility service connections for a stove and refrigerator.

4. Contains unobstructed egress to safe, open space at ground level. If the replacement dwelling unit is on the second story or above, with access directly from or through a common corridor, the common corridor must have at least two means of egress.

5. For a handicapped displacee, be free of any barriers which would preclude reasonable ingress, egress, or use of the dwelling by such a displaced person.

CERTIFICATION OF ELIGIBILITY

Project: Corridor A-1 | Southeast Loop
Parcel: 19
Displacee: Christopher and Amanda Robinson

Individuals, Families and Unincorporated Businesses or Farming Operations

I certify that myself and any other party(ies) with a financial interest in this relocation assistance claim are either:

☒ Citizens or Nationals of the United States

or

☐ Aliens lawfully present in the United States

* If an Alien lawfully present in the United States, supporting documentation will be required.

Amanda Robinson Digitally signed by Amanda Robinson DN: cn=Amanda Robinson, o=RCB, ou=Contracting/ Credentialing, email=arobinson@rcbilling.com, c=US Date: 2021.01.07 14:26:35 -06'00'

Claimant — Date: 01/07/2021

Claimant — Date: 01/07/2021

Incorporated Business, Farm or Nonprofit Organizations

I certify that I have signature authority for this entity and such entity is lawfully incorporated under the applicable state's laws and authorized to conduct business within the United States.

N/A

Claimant — Date:

SUPPLEMENTAL PAYMENT ESTIMATE - REPLACEMENT HOUSING

Print or Type All Information

Displacee's Name: Christopher Robinson and Amanda Robinson		Project: S.E. Loop
	Parcel No.: 19	Highway: S.E. Loop
	Unit or Bldg. No.: N/A	
	First Offer in Negotiations (Date): 4-17-2020	
	Occupancy Since (Date): 9-9-2016	County: Williamson

Type Supplement:
- ☒ Normal
- ☐ Revised
- ☐ Last Resort
- ☒ 180-day Owner
- ☐ 90-day Occupant
- ☐ Late Occupants

Property From Which Displaced:
- ☒ Single Family Home
- ☐ Apartment
- ☐ Mobile Home
- ☐ Duplex
- ☐ Mobile Home Site
- ☐ Other:

☐ Utilities in Subject Rent ☐ Utilities Not in Subject Rent

Monthly Gross Income:
$ X 30% = $ N/A

Replacement Property Data

* Denotes Selected Replacement Property

Property No.	Total Rooms	No. Bdr.	Apprx. Sq. Ft.	Age	Quality	Cond.	Yd. Imp.	Index	Probable Sales Price	Rental Cost
*RO-19-01	9	4	2252	9	22	3	3	37	$265,000	
RO-19-02	8	4	2050	7	21	3	3	34	$254,000	
RO-19-03	7	4	2354	7	22	3	3	35	$255,000	
Subject	8	4	1790	6	19	3	3	31		

Replacement Housing Supplement

Replacement Cost $265,000

Subject Value $254,000

Supplement $11,000

Rent Supplement

Actual Rent	Fair Market Rent	Gross Income	Replacement Cost Supplement
$	$	$	$
x 42	x 42	x 42	x 42
$N/A	$N/A	$N/A	$N/A
			Supplement = $N/A

Total number of displaced persons: 5.
List name, age, gender and relationship of household occupants other than displacee(s) named on page 1.

Name of Household Occupant(s):	Age:	Gender:	Relationship to Displacee:
Jayla Robinson	17	Female	Daughter
CJ Robinson	7	Male	Son
AJ Robinson	5 months	Male	Son

Remarks: (Use extra page if necessary)

The subject property parcel is located at 100 Dana Drive, Hutto Texas 78634. The property has a house with 1790 sq.ft. on a lot size of 11,325square feet. The home has brick veneer and hardy siding type of construction and on a slab foundation. It consists of 4 bedrooms and 2.5 baths, kitchen, dining room, living room, study, utility room, and 2car attached garage. Interior is comprised of textured walls, vinyl, carpet and tile flooring. The property is enclosed with a wood fence. Home was built in 2001. Total appraised value of the subject is $254,000.00.

*Comparable property RO-19-01is located at 116 Denton Dr., Hutto, Texas 78634. This property consists of a 2252 sq.ft. home with 4 bedrooms, 2.5 baths, kitchen, dining room, den, living room, game room and utility room, and 2 car attached garage. Kitchen features freestanding range, Interior features include ceiling fans, tile and carpet floors. Exterior features include wood fenced yard. The home was built in 2017 and is on a 6985 sq.ft. lot. This home is located 1.6 miles from the subject. This home is in the Hutto school district.

Comparable property RO-19-02 is located at 209 Holmstrom St., Hutto, Texas 78634. This property consists of a 2050 sq.ft. home with 4 bedrooms, 2 baths, kitchen, dining room, den, living room and utility room, and 2 car attached garage. Kitchen features freestanding range, Interior features include ceiling fans, tile, carpet floors. Exterior features include wood fenced yard, covered patio and metal storage. The home was built in 2005 and is on a 7710 sq.ft. lot. This home is located 4.5 miles from the subject. This home is in the Hutto school district. This home was not chosen because of distance from subject.

Comparable property RO-19-03 is located at 202 Whitefield, Hutto, Texas 78634. This property consists of a 2354 sq.ft. home with 4 bedrooms, 2.5 baths, kitchen, dining room, living room and utility room, and 2 car attached garage. Kitchen features freestanding range, Interior features include ceiling fans, wood and tile floors. Exterior features include wood fenced yard. The home was built in 2006 and is on a 6403 sq.ft. lot. This home is located 4.2miles from the subject. This home is in the Hutto school district. This home was not chosen because of one less overall room and distance from subject.

All the comparable properties are functionally equivalent to the subject property and DS&S; however, comparable property RO-19-01 is the most comparable because of its similarity in size and storage to the displacement property. Our research found 11, 4 bedroom 2.5 bath comparable properties with square footages ranging from 1776 – 2819 and prices ranging from $215,000 to 299,000and located between 1.3 to 6.5 miles from the subject. Several were not chosen due to being too far in distance from the subject property, square footage differences, total number of rooms, number of bedrooms or being sale pending.

Comparable replacement property data is based on the Residential Comparison Index as per ROW Volume 3 Relocation Assistance Manual page 21-5 and 21-6.

The supplemental payment(s) on page 1 have been determined by me and are to be used in connection with a federal-aid highway project. The replacement housing used for these supplement computations are certified to be fair housing open to all persons regardless of race, color, religion, age, sex, national origin or handicap and consistent with the requirements of Title VIII of the Civil Rights Act of 1968. I have no direct nor indirect, present or contemplated interest in this transaction nor will I derive any benefit from the supplemental payment.

Prepared by:

(signature) 4-27-2020
Date

Danny Jackson
(print name)
Right of Way Agent

Approval by:

Lisa Dworaczyk
(signature) 4/27/2020
Date

Lisa Dworaczyk
(print name)
Lisa Dworaczyk
Project Manager

Closing Disclosure

This form is a statement of final loan terms and closing costs. Compare this document with your Loan Estimate.

Closing Information		Transaction Information		Loan Information	
Date Issued	02/05/2021	**Borrower**	Amanda Robinson	**Loan Term**	30 years
Closing Date	02/10/2021		100 Dana Drive	**Purpose**	Purchase
Disbursement Date	02/10/2021		Hutto, TX 78634	**Product**	Fixed Rate
Settlement Agent	M/I Title, LLC.	**Seller**	M/I Homes of Austin, LLC	**Loan Type**	☐ Conventional ☒ FHA ☐ VA ☐ _____
File #	GF-3004935		6801 North Capital of Texas Highway		
Property	308 Barley Fork Lane		Building 2, Ste 100	**Loan ID #**	1000037023
	Hutto, TX 78634		Austin, TX 78731	**MIC #**	514-2717452-703
Sale Price	$340,047.00	**Lender**	M/I Financial, LLC		

Loan Terms

		Can this amount increase after closing?
Loan Amount	$305,250	**NO**
Interest Rate	2.625%	**NO**
Monthly Principal & Interest *See Projected Payments below for your Estimated Total Monthly Payment*	$1,226.04	**NO**
		Does the loan have these features?
Prepayment Penalty		**NO**
Balloon Payment		**NO**

Projected Payments

Payment Calculation	Years 1-11	Years 12-30
Principal & Interest	$1,226.04	$1,226.04
Mortgage Insurance	+ 197.97	+ -
Estimated Escrow *Amount can increase over time*	+ 662.05	+ 662.05
Estimated Total Monthly Payment	$2,086.06	$1,888.09

		This estimate includes	In escrow?
Estimated Taxes, Insurance & Assessments *Amount can increase over time* *See page 4 for details*	$722.05 a month	☒ Property Taxes	**YES**
		☒ Homeowner's Insurance	**YES**
		☒ Other: Homeowner's Association Dues	**NO**

See Escrow Account on page 4 for details. You must pay for other property costs separately.

Costs at Closing

Closing Costs	$15,545.00	Includes $10,562.54 in Loan Costs + $4,982.46 in Other Costs - $0 in Lender Credits. *See page 2 for details.*
Cash to Close	$40,895.15	Includes Closing Costs. *See Calculating Cash to Close on page 3 for details.*

Closing Cost Details

Loan Costs			Borrower-Paid At Closing	Borrower-Paid Before Closing	Seller-Paid At Closing	Seller-Paid Before Closing	Paid by Others
A. Origination Charges			**$1,245.00**				
01 % of Loan Amount (Points)							
02 Administrative Fee			$1,245.00				
03							
04							
B. Services Borrower Did Not Shop For			**$9,317.54**				
01 Appraisal Fee	to	Stratmann & Associates	$490.00				
02 Attorney Processing Fee	to	Robertson Anshutz Vetters	$175.00				
03 Credit Report Fee	to	Factual Data	$130.00				
04 Final Inspection Fee	to	Vendor	$150.00				
05 Flood Certification Fee	to	CoreLogic Flood Services	$13.00				
06 MI Premium/UFMIP/FF/Guaranty Fee	to	HUD	$5,250.00				
07 Survey	to	Allpoints Surveying	$425.00				
08 Title - Electronic Filing Fee	to	Simplifile	$15.99				
09 Title - EPA Endorsement	to	M/I Title, LLC	$25.00				
10 Title - Guaranty Fee 1	to	TTIGA	$2.00				
11 Title - Guaranty Fee 2	to	TTIGA	$2.00				
12 Title - Lender Title Insurance	to	M/I Title, LLC	$1,914.00				
13 Title - Not Yet Due/Payable	to	M/I Title, LLC	$5.00				
14 Title - PUD Endorsement	to	M/I Title, LLC	$25.00				
15 Title - Settlement or Closing Fees	to	M/I Title, LLC	$475.00				
16 Title - T19 Endorsement	to	M/I Title, LLC	$95.70				
17 Title - T1R Survey Amendment	to	M/I Title, LLC	$104.85				
18 Title - Tax Certificates	to	Amercn Prop Guard			$34.00		
19 Title - Tax Deletion	to	M/I Title, LLC	$20.00				
20							
21							
C. Services Borrower Did Shop For							
01							
02							
D. TOTAL LOAN COSTS (Borrower-Paid)			**$10,562.54**				
Loan Costs Subtotals (A + B + C)			$10,562.54				

Other Costs							
E. Taxes and Other Government Fees			**$167.00**				
01 Recording Fees	Deed: $33.00	Mortgage: $101.00	$167.00				
02							
03							
F. Prepaids			**$1,034.05**				
01 Homeowner's Insurance Premium	(12 mo.)	to Homeowners of America	$617.00				
02 Mortgage Insurance Premium	(mo.)						
03 Prepaid Interest	($21.95 per day from 02/10/2021 to 03/01/2021)		$417.05				
04 Property Taxes	(mo.)						
05							
06							
G. Initial Escrow Payment at Closing			**$2,693.41**				
01 Homeowner's Insurance	$51.41	per month for 3 mo.	$154.23				
02 Mortgage Insurance		per month for mo.					
03 Property Taxes	$610.64	per month for 5 mo.	$3,053.20				
04							
05							
06 Aggregate Adjustment			-$514.02				
H. Other			**$1,088.00**				
01 HOA Capital Contribution	to	Carmel Creek - WC	$200.00				
02 HOA Dues Q2 (Q1 by Seller)	to	Carmel Creek - HOA	$180.00		$180.00		
03 HOA Transfer/Resale Cert Fees	to	KITH Management Services	$425.00				
04 Realtor Commission Seller	to	Classic Realty			$10,201.41		
05 Title - Owners Title Ins (Optional)	to	M/I Title, LLC	$283.00				
06							
I. TOTAL OTHER COSTS (Borrower-Paid)			**$4,982.46**				
Other Costs Subtotals (E + F + G + H)			$4,982.46				

J. TOTAL CLOSING COSTS (Borrower-Paid)			**$15,545.00**				
Closing Costs Subtotals (D + I)			$15,545.00		$10,415.41		
Lender Credits							

at has changed from your Loan Estimate.

	Loan Estimate	Final	Did this change?
Total Closing Costs (J)	$15,226	$15,545.00	YES •See Total Loan Costs (D) and See Total Other Costs (I)
Closing Costs Paid Before Closing	$0	$0	NO
Closing Costs Financed (Paid from your Loan Amount)	$0	$0	NO
Down Payment/Funds from Borrower	$34,863	$34,797.00	YES •You Decreased this payment see details in Section (K)
Deposit	-$3,746	-$3,746.00	NO
Funds for Borrower	$0	$0	NO
Seller Credits	-$5,000	-$5,000.00	NO
Adjustments and Other Credits	$6,868	-$700.85	YES •See details in Sections (K) and (L)
Cash to Close	$48,211	$40,895.15	

Summaries of Transactions

Use this table to see a summary of your transaction.

BORROWER'S TRANSACTION

K. Due from Borrower at Closing				**$355,692.00**
01 Sale Price of Property				$340,047.00
02 Sale Price of Any Personal Property Included in Sale				
03 Closing Costs Paid at Closing (J)				$15,545.00
04				
Adjustments				
05				
06				
07				
Adjustments for Items Paid by Seller in Advance				
08 City/Town Taxes		to		
09 County Taxes		to		
10 Assessments		to		
11 HOA Dues	02/10/21	to	03/31/21	$100.00
12				
13				
14				
15				
L. Paid Already by or on Behalf of Borrower at Closing				**$314,796.85**
01 Deposit				$3,746.00
02 Loan Amount				$305,250.00
03 Existing Loan(s) Assumed or Taken Subject to				
04				
05 Seller Credit				$5,000.00
Other Credits				
06				
07				
Adjustments				
08				
09				
10				
11				
Adjustments for Items Unpaid by Seller				
12 City/Town Taxes		to		
13 County Taxes	01/01/21	to	02/10/21	$800.85
14 Assessments		to		
15				
16				
17				
CALCULATION				
Total Due from Borrower at Closing (K)				$355,692.00
Total Paid Already by or on Behalf of Borrower at Closing (L)				-$314,796.85
Cash to Close ☒ From ☐ To Borrower				**$40,895.15**

SELLER'S TRANSACTION

M. Due to Seller at Closing				**$340,147.00**
01 Sale Price of Property				$340,047.00
02 Sale Price of Any Personal Property Included in Sale				
03				
04				
05				
06				
07				
08				
Adjustments for Items Paid by Seller in Advance				
09 City/Town Taxes		to		
10 County Taxes		to		
11 Assessments		to		
12 HOA Dues	02/10/21	to	03/31/21	$100.00
13				
14				
15				
16				
N. Due from Seller at Closing				**$19,962.26**
01 Excess Deposit				$3,746.00
02 Closing Costs Paid at Closing (J)				$10,415.41
03 Existing Loan(s) Assumed or Taken Subject to				
04 Payoff of First Mortgage Loan				
05 Payoff of Second Mortgage Loan				
06 Completion Escrow				
07				
08 Seller Credit				$5,000.00
09				
10				
11				
12				
13				
Adjustments for Items Unpaid by Seller				
14 City/Town Taxes		to		
15 County Taxes	01/01/21	to	02/10/21	$800.85
16 Assessments		to		
17				
18				
19				
CALCULATION				
Total Due to Seller at Closing(M)				$340,147.00
Total Due from Seller at Closing(N)				-$19,962.26
Cash ☐ From ☒ To Seller				**$320,184.74**

Additional Information About This Loan

Loan Disclosures

Assumption

If you sell or transfer this property to another person, your lender

☒ will allow, under certain conditions, this person to assume this loan on the original terms.

☐ will not allow assumption of this loan on the original terms.

Demand Feature

Your loan

☐ has a demand feature, which permits your lender to require early repayment of the loan. You should review your note for details.

☒ does not have a demand feature.

Late Payment

If your payment is more than *15* days late, your lender will charge a late fee of *4% of the monthly principal and interest payment.*

Negative Amortization (Increase in Loan Amount)

Under your loan terms, you

☐ are scheduled to make monthly payments that do not pay all of the interest due that month. As a result, your loan amount will increase (negatively amortize), and your loan amount will likely become larger than your original loan amount. Increases in your loan amount lower the equity you have in this property.

☐ may have monthly payments that do not pay all of the interest due that month. If you do, your loan amount will increase (negatively amortize), and, as a result, your loan amount may become larger than your original loan amount. Increases in your loan amount lower the equity you have in this property.

☒ do not have a negative amortization feature.

Partial Payments

Your lender

☐ may accept payments that are less than the full amount due (partial payments) and apply them to your loan.

☐ may hold them in a separate account until you pay the rest of the payment, and then apply the full payment to your loan.

☒ does not accept any partial payments.

If this loan is sold, your new lender may have a different policy.

Security Interest

You are granting a security interest in

308 Barley Fork Lane

Hutto, TX 78634

You may lose this property if you do not make your payments or satisfy other obligations for this loan.

Escrow Account

For now, your loan

☒ will have an escrow account (also called an "impound" or "trust" account) to pay the property costs listed below. Without an escrow account, you would pay them directly, possibly in one or two large payments a year. Your lender may be liable for penalties and interest for failing to make a payment.

Escrow		
Escrowed Property Costs over Year 1	$10,320.24	Estimated total amount over year 1 for your escrowed property costs: *See attached page for additional information.*
Non-Escrowed Property Costs over Year 1	$720.00	Estimated total amount over year 1 for your non-escrowed property costs: *Homeowner's Association Dues* You may have other property costs.
Initial Escrow Payment	$2,693.41	A cushion for the escrow account you pay at closing. See Section G on page 2.
Monthly Escrow Payment	$860.02	The amount included in your total monthly payment.

☐ will not have an escrow account because ☐ you declined it ☐ your lender does not offer one. You must pay your property costs, such as taxes and homeowner's insurance. Contact your lender to ask if your loan can have an escrow account.

No Escrow		
Estimated Property Costs over Year 1		Estimated total amount over year 1. You must pay these costs directly, possibly in one or two large payments a year.
Escrow Waiver Fee		

In the future,

Your property costs may change and, as a result, your escrow payment may change. You may be able to cancel your escrow account, but if you do, you must pay your property costs directly. If you fail to pay your property taxes, your state or local government may (1) impose fines and penalties or (2) place a tax lien on this property. If you fail to pay any of your property costs, your lender may (1) add the amounts to your loan balance, (2) add an escrow account to your loan, or (3) require you to pay for property insurance that the lender buys on your behalf, which likely would cost more and provide fewer benefits than what you could buy on your own.

Loan Calculations

Total of Payments. Total you will have paid after you make all payments of principal, interest, mortgage insurance, and loan costs, as scheduled.	$475,268.11
Finance Charge. The dollar amount the loan will cost you.	$166,633.56
Amount Financed. The loan amount available after paying your upfront finance charge.	$297,654.96
Annual Percentage Rate (APR). Your costs over the loan term expressed as a rate. This is not your interest rate.	3.332%
Total Interest Percentage (TIP). The total amount of interest that you will pay over the loan term as a percentage of your loan amount.	44.731%

Questions? If you have questions about the loan terms and costs on this form, use the contact information below. To get more information or make a complaint, contact the Consumer Financial Protection Bureau at **www.consumerfinance.gov/mortgage-closing**

Other Disclosures

Appraisal
If the property was appraised for your loan, your lender is required to give you a copy at no additional cost at least 3 days before closing. If you have not yet received it, please contact your lender at the information listed below.

Contract Details
See your note and security instrument for information about
- what happens if you fail to make your payments,
- what is a default on the loan,
- situations in which your lender can require early repayment of the loan, and
- the rules for making payments before they are due.

Liability after Foreclosure
If your lender forecloses on this property and the foreclosure does not cover the amount of unpaid balance on this loan,
☒ state law may protect you from liability for the unpaid balance. If you refinance or take on any additional debt on this property, you may lose this protection and have to pay any debt remaining even after foreclosure. You may want to consult a lawyer for more information.
☐ state law does not protect you from liability for the unpaid balance.

Refinance
Refinancing this loan will depend on your future financial situation, the property value, and market conditions. You may not be able to refinance this loan.

Tax Deductions
If you borrow more than this property is worth, the interest on the loan amount above this property's fair market value is not deductible from your federal income taxes. You should consult a tax advisor for more information.

Contact Information

	Lender	Mortgage Broker	Real Estate Broker (B)	Settlement Agent
Name	M/I Financial, LLC		Lorrie Kennedy	M/I Title, LLC.
Address	7600 N Capital of Texas Highway Austin, TX 78731		2251 Double Creek Drive #202 Round Rock, TX 78664	7600 N Capital of Texas Highway Austin, TX 78731
NMLS ID	50684			
TX License ID			582348	1907306
Contact	Ashley Ramos		Lorrie Kennedy	Tiffany Hyland
Contact NMLS ID	985571			
Contact TX License ID			582348	1878809
Email	ayramos@mihomes.com		broker@myclassicrealty.com	thyland@mihomes.com
Phone	(512) 770-8440			(512) 770-8440

Confirm Receipt

By signing, you are only confirming that you have received this form. You do not have to accept this loan because you have signed or received this form.

DocuSigned by:
Amanda Robinson Feb-05-2021 | 2:47 PM EST
50105181C0CC4A7...
Amanda Robinson Date

Addendum to Closing Disclosure

This is a continuation of your statement of final loan terms and closing costs.

Escrow		
Escrowed Property Costs over Year 1	$10,320.24	Estimated total amount over year 1 for your escrowed property costs: *Property Taxes | Homeowner's Insurance | Mortgage Insurance*

M I HOMES

Welcome to Better

M/I HOMES
PURCHASE CONTRACT

This Purchase Contract is entered into by and between M/I Homes of Austin, LLC d/b/a M/I Homes ("M/I") and Amanda Robinson & Christopher Robinson (collectively, "Purchaser"). This Purchase Contract, upon acceptance by M/I, together with the Disclosure Statement, the Plans and Specifications and any other Addenda, Change Order or other written agreement that may at any time be executed by the parties, shall collectively constitute the agreement between M/I and Purchaser (collectively, "Agreement") for the construction of a(n) Sabine - B floor plan ("Home") on Lot #0032, in Block #00M, of Section #Ph 4,Sec10 60 ("Lot"), located in the community commonly known as Carmel Creek ("Community"), with a street address of 308 Barley Fork Lane, Hutto, TX 78634.

1. **Purchase Price; Deposit.** M/I agrees to sell and Purchaser agrees to purchase for the consideration and upon the terms and conditions set forth in the Agreement, the Home constructed or to be constructed on the Lot, together with all appurtenances thereto (collectively, "Property"). The total purchase price for the Property ("Purchase Price") subject to any changes in the Purchase Price as a result of a Change Order, is $336,249.00; which Purchase Price shall be payable as follows:

Initial Deposit (upon Purchaser's execution of the Agreement)..... $3,746.00

Additional Deposit (due) .....

Balance (due at Closing)..... $332,503.00

Purchaser has paid the Initial Deposit to M/I in a form reasonably acceptable to M/I as of the Effective Date. The term "Deposit" shall include the Initial Deposit, any Additional Deposit, and any other payments made by Purchaser to M/I in advance of Closing (except for payments which are non-refundable). Except as otherwise required by law or loan program regulations, Purchaser acknowledges and agrees that the Deposit shall be deposited into the general account of M/I and, as a result, the Deposit will not bear interest for the benefit of Purchaser and will not be segregated from other funds of M/I, which funds may be used by M/I at its sole discretion or placed into a separate escrow or trust account. At Closing, unless otherwise provided herein or as otherwise agreed to in writing by the parties, the Deposit and all non-refundable payments shall be applied as a credit against the Purchase Price for the Property.

2. **Finance Contingency.** Purchaser agrees to apply for a loan within five (5) Business Days following the Effective Date and to diligently seek to obtain a mortgage loan commitment from an institutional mortgage lender of Purchaser's choice with an interest rate and other terms and conditions acceptable to Purchaser (the "Loan Commitment"). Such diligence shall include promptly and timely providing all documentation requested from Purchaser by the mortgage lender. The Loan Commitment must evidence the lender's unconditional commitment to fund the loan or the Loan Commitment must only be conditioned on matters that are customary and that Purchaser demonstrates are within its reasonable control and ability to timely satisfy. On or before fourteen (14) days after the Effective Date (the "Finance Contingency Period"), Purchaser shall deliver to M/I: (i) a copy of a Loan Commitment that meets the requirements herein, (ii) documentation of Purchaser's ability to pay cash for the Property with readily available funds (the "Cash Documentation"), or (iii) a termination notice (the "Termination Notice"), in accordance with §14(i) of this Purchase Contract, in which event the Deposit shall be returned to Purchaser and the parties shall have no further rights, obligations, liabilities or remedies under the Agreement (except for the provisions set forth in §14(g) herein that survive the termination of this Agreement). If

AR CR

M/I TITLE CHARGES

Description	Charges
Owner's Policy	$875.00 for the first $100,000 of coverage and $5.54 per $1,000 of coverage thereafter.
Loan Policy Title Premium	$100.00
P-20 Lender's Endorsement-Tax Deletion	$5.00
Planned Unit Development Endorsement	$25.00
Lender's T-19 Endorsement	$75.00 to $150.00
Lender's T-30 Endorsement – Taxes	$20.00
T-36 Lender's EPA Endorsement	$25.00
T-19.2 Endorsement – Minerals and Surface Rights	$0.00
TX Guaranty Assessment Recoupment Fee	$4.50 per policy
Escrow/Settlement Fee	$475.00
Electronic Recording Service Fee	$5.33 per document
Tax Certificate	$34.00
T1R Survey Amendment	5% of the base OTP amount

Acknowledgement

I/we have read this disclosure form, and understand that Seller is referring me/us to purchase the above-described settlement services and may receive a financial or other benefit as a result of this referral.

DocuSigned by:
Amanda Robinson
9E526A9303DA4E6...

7/10/2020

Amanda Robinson Date

DocuSigned by:
Christopher Robinson
8AD5656ADE94414...

7/10/2020

Christopher Robinson Date

DS
UW

DS DS
AR CR

PROPERTY OWNER'S CLAIM FOR PAYMENT
INCIDENTAL EXPENSES OF PURCHASE OF REPLACEMENT DWELLING

1. Name of Claimant(s): Christopher and Amanda Robinson	Parcel No.: 19	County: Williamson Project: Corridor A-1 Southeast Loop

		Mo.	Day	Yr.
2. Occupancy of County-Acquired Property: From:09/09/2016 To: 02/28/2021	3. Controlling Dates			
	a. First Offer in Negotiations	04	17	2020
4. Address of Replacement Property: 308 Barley Fork Lane Hutto, Texas 78634	b. Property Acquired by County	08	28	2020
	c. Replacement Property Acquired	07	10	2020
	d. Occupancy of Replacement Property	02	23	2021

5. Expenses (List below each item included in claim - attach receipts or closing documents to support each cost.)

Item	Amount
Administrative Flat Rate	$1,245.00
Appraisal Report	$490.00
Attorney Processing Fee/Documentation Prep	$175.00
Credit Report	$130.00
Flood Certification	$13.00
MIP (onetime, prorated to original mortgage amount **at displacement** $189,150)	$3,254.00
Survey	$425.00
Title – Electronic Filing	$15.99
Title – EPA Endorsement	$25.00
Title – Guaranty Fee 1	$2.00
Title – Guaranty Fee 2	$2.00
Title – Lender Title Insurance (based on $265,000 Comparable)	$1,701.55
Title – Owner's Title Insurance	$100.00
Title – Not Yet Due/Payable	$5.00
Title – Planned Unit Development Endorsement	$25.00
Title – Settlement or Closing Fee	$475.00
Title – T19 Endorsement	$95.70
Title – T1R Survey Amendment	$104.85
Title – Tax Deletion	$20.00
Recording Fees – Deed $33.00 Mortgage $101.00	$134.00
Homeowner's Association Capital Contribution	$200.00
Homeowner's Association Transfer/Resale Certificate	$425.00
	Total: $9,063.09

6. Payment of this claim in the amount shown in Block 5 above is requested. I certify these incidental expenses were necessary in the purchase of my replacement dwelling and that I have not and will not accept reimbursement or payment from any other source for these expenses. I further certify that all information shown above is true and correct, and that the replacement dwelling I now occupy meets the standards of decent, safe, and sanitary housing to the best of my knowledge and belief.

03/05/2021
Date of Claim

Claimant

Claimant

Spaces Below to be Completed by Williamson County

7. The dwelling at the address under Block 4 above has been inspected and in my opinion meets the standards for decent, safe, and sanitary housing.

02/09/2021
Date of Inspection

Danny Jackson -
Inspected By - Signature

I certify that I have examined this claim and found it to conform to the applicable laws and regulations governing relocation assistance payments. I further certify the computation of the payment and the information shown herein is correct. This claim is recommended for payment.

Amount of $9,063.09

03/05/2021
Date

Laura A. Nelson
Relocation Agent

Date

Williamson County Judge

CERTIFICATION OF ELIGIBILITY

Project: Corridor A-1 | Southeast Loop
Parcel: 19
Displacee: Christopher and Amanda Robinson

Individuals, Families and Unincorporated Businesses or Farming Operations

I certify that myself and any other party(ies) with a financial interest in this relocation assistance claim are either:

☒ Citizens or Nationals of the United States

or

☐ Aliens lawfully present in the United States

* If an Alien lawfully present in the United States, supporting documentation will be required.

Amanda Robinson
Digitally signed by Amanda Robinson
DN: cn=Amanda Robinson, o=RCB, ou=Contracting/Credentialing, email=arobinson@rcbilling.com, c=US
Date: 2021.01.07 14:26:35 -06'00'

Claimant — Date: 01/07/2021

Claimant — Date: 01/07/2021

Incorporated Business, Farm or Nonprofit Organizations

I certify that I have signature authority for this entity and such entity is lawfully incorporated under the applicable state's laws and authorized to conduct business within the United States.

N/A

Claimant — Date:

DocuSign Envelope ID: 73B908CA-6987-4467-9037-B90101E845EF

Closing Disclosure

This form is a statement of final loan terms and closing costs. Compare this document with your Loan Estimate.

Closing Information		Transaction Information		Loan Information	
Date Issued	02/10/2021	**Borrower**	Amanda Robinson 100 Dana Drive Hutto, TX 78634	**Loan Term**	30 years
Closing Date	02/10/2021			**Purpose**	Purchase
Disbursement Date	02/10/2021			**Product**	Fixed Rate
Settlement Agent	M/I Title, LLC.	**Seller**	M/I Homes of Austin, LLC 6801 North Capital of Texas Highway Building 2, Ste 100 Austin, TX 78731	**Loan Type**	☐ Conventional ☒ FHA ☐ VA ☐ _____
File #	GF-3004935			**Loan ID #**	1000037023
Property	308 Barley Fork Lane Hutto, TX 78634			**MIC #**	514-2717452-703
Sale Price	$340,047.00	**Lender**	M/I Financial, LLC		

Loan Terms

		Can this amount increase after closing?
Loan Amount	$305,250	**NO**
Interest Rate	2.625%	**NO**
Monthly Principal & Interest *See Projected Payments below for your Estimated Total Monthly Payment*	$1,226.04	**NO**
		Does the loan have these features?
Prepayment Penalty		**NO**
Balloon Payment		**NO**

Projected Payments

Payment Calculation	Years 1-11	Years 12-30
Principal & Interest	$1,226.04	$1,226.04
Mortgage Insurance	+ 197.97	+ -
Estimated Escrow *Amount can increase over time*	+ 662.05	+ 662.05
Estimated Total Monthly Payment	$2,086.06	$1,888.09

		This estimate includes	In escrow?
Estimated Taxes, Insurance & Assessments *Amount can increase over time* *See page 4 for details*	$722.05 a month	☒ Property Taxes	YES
		☒ Homeowner's Insurance	YES
		☒ Other: Homeowner's Association Dues	NO

See Escrow Account on page 4 for details. You must pay for other property costs separately.

Costs at Closing

Closing Costs	$15,395.00	Includes $10,412.54 in Loan Costs + $4,982.46 in Other Costs - $0 in Lender Credits. *See page 2 for details.*
Cash to Close	$40,745.15	Includes Closing Costs. *See Calculating Cash to Close on page 3 for details.*

Closing Cost Details

Loan Costs		Borrower-Paid At Closing	Borrower-Paid Before Closing	Seller-Paid At Closing	Seller-Paid Before Closing	Paid by Others
A. Origination Charges		**$1,245.00**				
01 % of Loan Amount (Points)						
02 Administrative Fee		$1,245.00				
03						
04						
B. Services Borrower Did Not Shop For		**$9,167.54**				
01 Appraisal Fee	to Stratmann & Associates	$490.00				
02 Attorney Processing Fee	to Robertson Anshutz Vetters	$175.00				
03 Credit Report Fee	to Factual Data	$130.00				
04 Flood Certification Fee	to CoreLogic Flood Services	$13.00				
05 MI Premium/UFMIP/FF/Guaranty Fee	to HUD	$5,250.00				
06 Survey	to Allpoints Surveying	$425.00				
07 Title - Electronic Filing Fee	to Simplifile	$15.99				
08 Title - EPA Endorsement	to M/I Title, LLC	$25.00				
09 Title - Guaranty Fee 1	to TTIGA	$2.00				
10 Title - Guaranty Fee 2	to TTIGA	$2.00				
11 Title - Lender Title Insurance	to M/I Title, LLC	$1,914.00				
12 Title - Not Yet Due/Payable	to M/I Title, LLC	$5.00				
13 Title - PUD Endorsement	to M/I Title, LLC	$25.00				
14 Title - Settlement or Closing Fees	to M/I Title, LLC	$475.00				
15 Title - T19 Endorsement	to M/I Title, LLC	$95.70				
16 Title - T1R Survey Amendment	to M/I Title, LLC	$104.85				
17 Title - Tax Certificates	to Amercn Prop Guard			$34.00		
18 Title - Tax Deletion	to M/I Title, LLC	$20.00				
19						
20						
C. Services Borrower Did Shop For						
01						
02						
D. TOTAL LOAN COSTS (Borrower-Paid)		**$10,412.54**				
Loan Costs Subtotals (A + B + C)		$10,412.54				

Other Costs						
E. Taxes and Other Government Fees			**$167.00**			
01 Recording Fees	Deed: $33.00 Mortgage: $101.00		$167.00			
02						
03						
F. Prepaids			**$1,034.05**			
01 Homeowner's Insurance Premium	(12 mo.) to Homeowners of America		$617.00			
02 Mortgage Insurance Premium	(mo.)					
03 Prepaid Interest	($21.95 per day from 02/10/2021 to 03/01/2021)		$417.05			
04 Property Taxes	(mo.)					
05						
06						
G. Initial Escrow Payment at Closing			**$2,693.41**			
01 Homeowner's Insurance	$51.41	per month for 3 mo.	$154.23			
02 Mortgage Insurance		per month for mo.				
03 Property Taxes	$610.64	per month for 5 mo.	$3,053.20			
04						
05						
06 Aggregate Adjustment			-$514.02			
H. Other			**$1,088.00**			
01 HOA Capital Contribution	to Carmel Creek - WC		$200.00			
02 HOA Dues Q2 (Q1 by Seller)	to Carmel Creek - HOA		$180.00	$180.00		
03 HOA Transfer/Resale Cert Fees	to KITH Management Services		$425.00			
04 Realtor Commission Seller	to Classic Realty			$10,201.41		
05 Title - Owners Title Ins (Optional)	to M/I Title, LLC		$283.00			
06						
07						
I. TOTAL OTHER COSTS (Borrower-Paid)			**$4,982.46**			
Other Costs Subtotals (E + F + G + H)			$4,982.46			

J. TOTAL CLOSING COSTS (Borrower-Paid)	**$15,395.00**				
Closing Costs Subtotals (D + I)	$15,395.00		$10,415.41		
Lender Credits					

at has changed from your Loan Estimate.

	Loan Estimate	Final	Did this change?
Total Closing Costs (J)	$15,226	$15,395.00	**YES** •See **Total Loan Costs (D)** and See **Total Other Costs (I)**
Closing Costs Paid Before Closing	$0	$0	**NO**
Closing Costs Financed (Paid from your Loan Amount)	$0	$0	**NO**
Down Payment/Funds from Borrower	$34,863	$34,797.00	**YES** •You **Decreased** this payment see details in **Section (K)**
Deposit	-$3,746	-$3,746.00	**NO**
Funds for Borrower	$0	$0	**NO**
Seller Credits	-$5,000	-$5,000.00	**NO**
Adjustments and Other Credits	$6,868	-$700.85	**YES** •See details in **Sections (K) and (L)**
Cash to Close	$48,211	$40,745.15	

Summaries of Transactions

Use this table to see a summary of your transaction.

BORROWER'S TRANSACTION

K. Due from Borrower at Closing				**$355,542.00**
01 Sale Price of Property				$340,047.00
02 Sale Price of Any Personal Property Included in Sale				
03 Closing Costs Paid at Closing (J)				$15,395.00
04				
Adjustments				
05				
06				
07				
Adjustments for Items Paid by Seller in Advance				
08 City/Town Taxes		to		
09 County Taxes		to		
10 Assessments		to		
11 HOA Dues	02/10/21	to	03/31/21	$100.00
12				
13				
14				
15				
L. Paid Already by or on Behalf of Borrower at Closing				**$314,796.85**
01 Deposit				$3,746.00
02 Loan Amount				$305,250.00
03 Existing Loan(s) Assumed or Taken Subject to				
04				
05 Seller Credit				$5,000.00
Other Credits				
06				
07				
Adjustments				
08				
09				
10				
11				
Adjustments for Items Unpaid by Seller				
12 City/Town Taxes		to		
13 County Taxes	01/01/21	to	02/10/21	$800.85
14 Assessments		to		
15				
16				
17				
CALCULATION				
Total Due from Borrower at Closing (K)				$355,542.00
Total Paid Already by or on Behalf of Borrower at Closing (L)				-$314,796.85
Cash to Close ☒ From ☐ To Borrower				**$40,745.15**

SELLER'S TRANSACTION

M. Due to Seller at Closing				**$340,147.00**
01 Sale Price of Property				$340,047.00
02 Sale Price of Any Personal Property Included in Sale				
03				
04				
05				
06				
07				
08				
Adjustments for Items Paid by Seller in Advance				
09 City/Town Taxes		to		
10 County Taxes		to		
11 Assessments		to		
12 HOA Dues	02/10/21	to	03/31/21	$100.00
13				
14				
15				
16				
N. Due from Seller at Closing				**$19,962.26**
01 Excess Deposit				$3,746.00
02 Closing Costs Paid at Closing (J)				$10,415.41
03 Existing Loan(s) Assumed or Taken Subject to				
04 Payoff of First Mortgage Loan				
05 Payoff of Second Mortgage Loan				
06 Completion Escrow				
07				
08 Seller Credit				$5,000.00
09				
10				
11				
12				
13				
Adjustments for Items Unpaid by Seller				
14 City/Town Taxes		to		
15 County Taxes	01/01/21	to	02/10/21	$800.85
16 Assessments		to		
17				
18				
19				
CALCULATION				
Total Due to Seller at Closing(M)				$340,147.00
Total Due from Seller at Closing(N)				-$19,962.26
Cash ☐ From ☒ To Seller				**$320,184.74**

Additional Information About This Loan

Loan Disclosures

Assumption

If you sell or transfer this property to another person, your lender

☒ will allow, under certain conditions, this person to assume this loan on the original terms.

☐ will not allow assumption of this loan on the original terms.

Demand Feature

Your loan

☐ has a demand feature, which permits your lender to require early repayment of the loan. You should review your note for details.

☒ does not have a demand feature.

Late Payment

If your payment is more than *15* days late, your lender will charge a late fee of *4% of the monthly principal and interest payment*.

Negative Amortization (Increase in Loan Amount)

Under your loan terms, you

☐ are scheduled to make monthly payments that do not pay all of the interest due that month. As a result, your loan amount will increase (negatively amortize), and your loan amount will likely become larger than your original loan amount. Increases in your loan amount lower the equity you have in this property.

☐ may have monthly payments that do not pay all of the interest due that month. If you do, your loan amount will increase (negatively amortize), and, as a result, your loan amount may become larger than your original loan amount. Increases in your loan amount lower the equity you have in this property.

☒ do not have a negative amortization feature.

Partial Payments

Your lender

☐ may accept payments that are less than the full amount due (partial payments) and apply them to your loan.

☐ may hold them in a separate account until you pay the rest of the payment, and then apply the full payment to your loan.

☒ does not accept any partial payments.

If this loan is sold, your new lender may have a different policy.

Security Interest

You are granting a security interest in

308 Barley Fork Lane

Hutto, TX 78634

You may lose this property if you do not make your payments or satisfy other obligations for this loan.

Escrow Account

For now, your loan

☒ will have an escrow account (also called an "impound" or "trust" account) to pay the property costs listed below. Without an escrow account, you would pay them directly, possibly in one or two large payments a year. Your lender may be liable for penalties and interest for failing to make a payment.

Escrow		
Escrowed Property Costs over Year 1	$10,320.24	Estimated total amount over year 1 for your escrowed property costs: *See attached page for additional information.*
Non-Escrowed Property Costs over Year 1	$720.00	Estimated total amount over year 1 for your non-escrowed property costs: *Homeowner's Association Dues* You may have other property costs.
Initial Escrow Payment	$2,693.41	A cushion for the escrow account you pay at closing. See Section G on page 2.
Monthly Escrow Payment	$860.02	The amount included in your total monthly payment.

☐ will not have an escrow account because ☐ you declined it ☐ your lender does not offer one. You must pay your property costs, such as taxes and homeowner's insurance. Contact your lender to ask if your loan can have an escrow account.

No Escrow		
Estimated Property Costs over Year 1		Estimated total amount over year 1. You must pay these costs directly, possibly in one or two large payments a year.
Escrow Waiver Fee		

In the future,

Your property costs may change and, as a result, your escrow payment may change. You may be able to cancel your escrow account, but if you do, you must pay your property costs directly. If you fail to pay your property taxes, your state or local government may (1) impose fines and penalties or (2) place a tax lien on this property. If you fail to pay any of your property costs, your lender may (1) add the amounts to your loan balance, (2) add an escrow account to your loan, or (3) require you to pay for property insurance that the lender buys on your behalf, which likely would cost more and provide fewer benefits than what you could buy on your own.

Loan Calculations

Total of Payments. Total you will have paid after you make all payments of principal, interest, mortgage insurance, and loan costs, as scheduled.	$475,118.11
Finance Charge. The dollar amount the loan will cost you.	$166,633.56
Amount Financed. The loan amount available after paying your upfront finance charge.	$297,654.96
Annual Percentage Rate (APR). Your costs over the loan term expressed as a rate. This is not your interest rate.	3.332%
Total Interest Percentage (TIP). The total amount of interest that you will pay over the loan term as a percentage of your loan amount.	44.731%

Questions? If you have questions about the loan terms and costs on this form, use the contact information below. To get more information or make a complaint, contact the Consumer Financial Protection Bureau at **www.consumerfinance.gov/mortgage-closing**

Other Disclosures

Appraisal

If the property was appraised for your loan, your lender is required to give you a copy at no additional cost at least 3 days before closing. If you have not yet received it, please contact your lender at the information listed below.

Contract Details

See your note and security instrument for information about

- what happens if you fail to make your payments,
- what is a default on the loan,
- situations in which your lender can require early repayment of the loan, and
- the rules for making payments before they are due.

Liability after Foreclosure

If your lender forecloses on this property and the foreclosure does not cover the amount of unpaid balance on this loan,

☒ state law may protect you from liability for the unpaid balance. If you refinance or take on any additional debt on this property, you may lose this protection and have to pay any debt remaining even after foreclosure. You may want to consult a lawyer for more information.

☐ state law does not protect you from liability for the unpaid balance.

Refinance

Refinancing this loan will depend on your future financial situation, the property value, and market conditions. You may not be able to refinance this loan.

Tax Deductions

If you borrow more than this property is worth, the interest on the loan amount above this property's fair market value is not deductible from your federal income taxes. You should consult a tax advisor for more information.

Contact Information

	Lender	Mortgage Broker	Real Estate Broker (B)	Settlement Agent
Name	M/I Financial, LLC		Lorrie Kennedy	M/I Title, LLC.
Address	7600 N Capital of Texas Highway Austin, TX 78731		2251 Double Creek Drive #202 Round Rock, TX 78664	7600 N Capital of Texas Highway Austin, TX 78731
NMLS ID	50684			
TX License ID			582348	1907306
Contact	Ashley Ramos		Lorrie Kennedy	Tiffany Hyland
Contact NMLS ID	985571			
Contact TX License ID			582348	1878809
Email	ayramos@mihomes.com		broker@myclassicrealty.com	thyland@mihomes.com
Phone	(512) 770-8440			(512) 770-8440

Confirm Receipt

By signing, you are only confirming that you have received this form. You do not have to accept this loan because you have signed or received this form.

DocuSigned by:

Feb-10-2021 | 10:09 AM EST

60105181C0CC4A7...

Amanda Robinson Date

Addendum to Closing Disclosure

This is a continuation of your statement of final loan terms and closing costs.

Escrow		
Escrowed Property Costs over Year 1	$10,320.24	Estimated total amount over year 1 for your escrowed property costs: *Property Taxes | Homeowner's Insurance | Mortgage Insurance*

TEXAS ALLPOINTS SURVEYING

P.O. Box 803788
Houston, TX 77280
Phone: (713) 468-7707

Invoice

Invoice Date: 1/28/2021
Invoice #: 0937654-IN
Task No: 1180423
Client PO Number: 10094279-239
Client Job Number:

Billed To:

M/I Homes of Austin (Finals)
6801 N. Capitol of Texas Hwy
Building II, Suite 100
Austin, TX 78731
Attn: TYLER GILBREATH
TGILBREATH@MIHOMES.COM

Order By:	Services Requested:
M/I Homes of Austin, LLC TYLER GILBREATH	FINAL SVY SWALE

Property Address
308 Barley Fork Lane

Property Legal

SUB: Hutto Crossing LOT(S): 32 BLOCK: M SECTION: 10-4

Transaction Details

Date	Description	Qty	Amount
1/28/2021	FINAL SURVEY W/ SWALE	1.00	425.00
		Sub-total	425.00
		Interest	0.00
		TOTAL DUE	425.00

Due upon receipt. All invoices not paid within 30 days from the invoice date will acquire a 1.5% late fee per month until payment in full is received.

Make Checks Payable to Allpoints Land Survey, Inc.

PLEASE INDICATE INVOICE NUMBER WITH PAYMENT.
THANK YOU.

INVOICE

FROM:

Stratmann & Associates
Stratmann & Associates
PO Box 2686
Georgetown, TX 78627-2686

Telephone Number: (512) 451-0144 Fax Number: (512) 495-9535

TO:

M/I Financial, LLC
1301 S Capital of Texas Highway
Suite B-315
Austin, TX 78746
E-Mail:
Telephone Number: Fax Number:
Alternate Number:

INVOICE NUMBER	
	21.196
DATES	
Invoice Date:	02/08/2021
Due Date:	02/08/2021
REFERENCE	
Internal Order #:	21.196
Lender Case #:	Zacate C/ L
Client File #:	1000037023
FHA/VA Case #:	514-2717452
Main File # on form:	21.196
Other File # on form:	514-2717452
Federal Tax ID:	82-4106328
Employer ID:	

DESCRIPTION

Lender: M/I Financial, LLC Client: M/I Financial, LLC
Purchaser/Borrower: Amanda & Christopher Robinson
Property Address: 308 Barley Fork Ln
City: Hutto
County: Williamson State: TX Zip: 78634
Legal Description: Hutto Crossing Phs 4 Sec 10 Blk M Lot 32

FEES	AMOUNT
1004	490.00
SUBTOTAL	490.00

PAYMENTS			AMOUNT
Check #:	Date:	Description:	
Check #:	Date:	Description:	
Check #:	Date:	Description:	
SUBTOTAL			
TOTAL DUE			$ 490.00

CLAIM FOR FIXED MOVING EXPENSE PAYMENT - INDIVIDUALS AND FAMILIES

1. Name of Claimant(s): Christopher and Amanda Robinson	Parcel No.: 19	County: Williamson Project: Corridor A-1 SE Loop		
	4. Occupancy of Property Acquired by County From 09/09/2016	To 02/28/2021		
	5. Controlling Dates	Mo.	Day	Yr.
	a. First Offer in Negotiations	04	17	2020
	b. Date Property Acquired	08	28	2020
2. Address of Property Acquired by County: 100 Dana Drive Hutto, Texas 78634	c. Date Required to Move	02	28	2021
	6. Dwelling: House ☒ Owner-occupied ☐ Furnished ☐ Tenant ☒ Unfurnished			
3. Address Moved To: 308 Barley Fork Hutto, Texas 78634	1) Number of Rooms: 10 2) Payment Schedule Amount: $1,900 + $300. 8 Fixed Room Count + 2 additional rooms 3) Total Amount of Claim: $2,200			

7. Payment of this claim in the amount shown in Block 6 (3) is requested. I certify that I have not submitted any other claim for, or received reimbursement or compensation for, any item of expense pursuant to this claim. I further certify that all information shown above is true and correct.

02/05/2021
Date of Claim

Claimant

Claimant

Spaces Below to be Completed by County

8. Type occupancy and number of rooms verified prior to move on:	9. Vacancy verified on:
Date: 02/11/2020	Date: 3-9-2021
By: _____ Signature	By: _____ Signature

I certify that I have examined this claim and found it to conform to the applicable laws and regulations governing relocation assistance payments. I further certify the computation of the payment and the information as shown herein is correct.

This claim is recommended for payment. This claim is recommended for payment as follows:

Amount of $2,200

02/05/2021
Date

Laura A. Nelson
Relocation Agent

APPROVED

Date

Williamson County Judge

Breakdown of Room Count Claim

Print or Type All Information		
Room Description	**Number of Rooms in Unit**	**Number of Rooms in Claim**
Living Room	1	1
Dining Room	1	1
Kitchen	1	1
Family Room	0	0
Bedroom	4	4
Study	0	0
Kitchen-Den	0	0
Living Room-Den	0	0
Den	0	0
Living Room-Dining Room	0	0
Sleeping Room	0	0
Others		
Basement	0	0
Garage	1	1
Storage Room	0	0
Attic	0	0
Laundry Room	1	1
Storage Area – Backyard,	1	1
Total	10	10

Remarks:
Items in the backyard consist of large mechanical items, automobiles, trampoline, outdoor grill, and boat.

Signed Laura A. Nelson

CERTIFICATION OF ELIGIBILITY

Project: Corridor A-1 | Southeast Loop
Parcel: 19
Displacee: Christopher and Amanda Robinson

Individuals, Families and Unincorporated Businesses or Farming Operations

I certify that myself and any other party(ies) with a financial interest in this relocation assistance claim are either:

☒ Citizens or Nationals of the United States

or

☐ Aliens lawfully present in the United States

* If an Alien lawfully present in the United States, supporting documentation will be required.

Amanda Robinson
Digitally signed by Amanda Robinson
DN: cn=Amanda Robinson, o=RCB, ou=Contracting/Credentialing, email=arobinson@rcbilling.com, c=US
Date: 2021.01.07 14:26:35 -06'00'

Claimant

Date: 01/07/2021

Claimant

Date: 01/07/2021

Incorporated Business, Farm or Nonprofit Organizations

I certify that I have signature authority for this entity and such entity is lawfully incorporated under the applicable state's laws and authorized to conduct business within the United States.

N/A

Claimant

Date:

Moving Expense Schedules A & B

A. UNFURNISHED UNITS - Occupant owns furniture.					
No. of Rooms	One	Two	Three	Four	Five
Amount	$600	$800	$1,000	$1,200	$1,400
No. of Rooms	Six	Seven	Eight	Each Additional Room	-
Amount	$1,600	$1,750	$1,900	$150	-

B. FURNISHED UNITS - Occupant does not own furniture.	
First Room	Each Additional Room
$400	$50

Commissioners Court - Regular Session **46.**

Meeting Date: 03/16/2021

CARES Act Grant Assistance

Submitted For: Bill Gravell **Submitted By:** Hal Hawes, County Judge

Department: County Judge

Agenda Category: Regular Agenda Items

Information

Agenda Item

Discuss, consider and take appropriate action on a Grant Administration Services Agreement between Williamson County and McCreary, Veselka, Bragg and Allen, P.C. for administration of CARES Act funding in relation to the Wilco Forward Small Business Grant Program Phase II; and exempt the purchase and procurement of such services from the competitive bidding requirement as per Texas Local Government Code Section 262.024(a)(1) [being items purchased in a case of public calamity since it was necessary to make the purchase promptly to relieve the necessity of the citizens or to preserve the property of the county].

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	03/11/2021 09:46 AM
Form Started By: Hal Hawes		Started On: 03/11/2021 08:38 AM
Final Approval Date: 03/11/2021		

Commissioners Court - Regular Session **48.**

Meeting Date: 03/16/2021

Executive Session

Submitted For: Charlie Crossfield **Submitted By:** Charlie Crossfield, Road Bond

Department: Road Bond

Agenda Category: Executive Session

Information

Agenda Item

Discuss real estate matters (EXECUTIVE SESSION as per VTCA Govt. Code sec. 551.072 Deliberation Regarding Real Estate Property if deliberation in an open meeting would have a detrimental effect on the position of the governmental body in negotiations with third person.)

A. Real Estate Owned by Third Parties

Preliminary discussions relating to proposed or potential purchase or lease of property owned by third parties

a) Discuss the acquisition of real property for 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 278
d) Discuss the acquisition of real property for County Facilities.
e) Discuss the acquisition of real property for Seward Junction SE and SW Loop.
f) Discuss the acquisition of real property for SH 29 @ DB Wood.
g) Discuss the acquisition of real property for CR 366.
h) Discuss the acquisition of real property for N. Mays.
i) Discuss Somerset Road Districts No. 3 & 4 reimbursements for acquisition & construction of Reagan Blvd.
j) Discuss the acquisition of real property for CR 111.
k) Discuss the acquisition of real property for Corridor H
l) Discuss the acquisition of real property for future SH 29 corridor.
m) Discuss the acquisition of real property for the expansion of Ronald Reagan at IH 35.
n) Discuss the acquisition of right-of-way for Corridor C.
o) Discuss the acquisition of right-of-way for Corridor F.
p) Discuss the acquisition of right-of-way for Corridor D.
q) Discuss the acquisition of right-of-way for SE Loop/Corridor A.
r) Discuss the acquisition of right-of-way for Reagan extension.
s) Discuss the acquisition of real property for the Brushy Creek Trail Project.
t) Discuss the acquisition of real property in conjunction with WCCF for potential parkland/bird habitat.
u) Discuss the acquisition of drainage/detention easements for real property North of WMCO Juvenile Detention Center
v) Discuss the acquisition of the MKT Right of Way

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) Potential governmental uses for 8th Street downtown parking lot
c) Discuss possible uses of property owned by Williamson County on Main St. between 3rd

and 4th Streets. (formerly occupied by WCCHD)

d) Discuss property usage at Longhorn Junction
e) Discuss the sale of excess ROW at San Gabriel Parkway and Mel Mathis Ave.
f) Discuss county owned property located at Ed Schmidt Boulevard Hutto, Texas
g) Discuss the sale of property located at 900 S Main St., Taylor, 76574

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	03/11/2021 09:40 AM

Form Started By: Charlie Crossfield Started On: 03/11/2021 08:46 AM

Final Approval Date: 03/11/2021

Commissioners Court - Regular Session **49.**

Meeting Date: 03/16/2021

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
h) Project Arcos
i) Project Woods
j) Project Co-Op
k) Project Liberty
l) Project Long Haul
m) Project Bon Jovi
n) Project Crystal
o) Project Link
p) Project Winston

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	03/11/2021 09:37 AM

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