

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 (unforeseeable). 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.

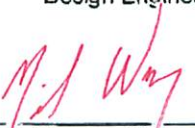
Each signatory hereby warrants that each has the authority to execute this Change Order (CO).

<small>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.</small>		The following information must be provided	
THE CONTRACTOR		Time Ext. #: <u>NA</u>	Days added on this CO: <u>0</u>
Date <u>3/4/21</u>		Amount added by this change order: <u>(\$11,737.85)</u>	
By 			
Typed/Printed Name <u>Rick Lewis</u>			
Typed/Printed Title <u>Division Manager</u>			

RECOMMENDED FOR EXECUTION:

 3/4/21
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

 3/16/2021
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)

ITEM	DESCRIPTION	UNIT	UNIT PRICE	ORIGINAL + PREVIOUSLY REVISED		ADD or (DEDUCT)	NEW		OVERRUN/ UNDERRUN
				QUANTITY	ITEM COST	QUANTITY	QUANTITY	ITEM COST	
	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 1 (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, TEXASCHANGE ORDER NUMBER: 5

Project # 1809-261

TABLE B: Contract Items (Continued)[illegible]

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



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

Contractor's Basis of Estimate

County: Williamson
Highway: CR110

Original Contract: Net CO: \$ - **Revised Contract:**

Narrative: In order to decrease the impact to the travelling public at the University Intersection and allow faster transition to the permanent configuration, HNTB approved the use of full depth hotmix in place of base East of the intersection

<u>Labor</u>	<u>Reg Hrs</u>	<u>OT Hrs</u>	<u>UM</u>	<u>Reg Rate</u>	<u>OT Rate (x1.5)</u>	<u>Extended</u>
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

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

Nunez Trucking	196.27	Tons	\$	7.14	\$	1,401.37
					\$	-
					Subtotal	\$ 1,401.37
					15% Markup	\$ 210.21
					Total Subcontract	\$ 1,611.57

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

<u>QTY</u>	<u>Units</u>	<u>Price</u>	<u>Extended</u>
	DOL	\$ -	\$ -
	Total		<u>\$ -</u>

TOTAL OF WORK PERFORMED \$ 14,493.13

BOND FEE (ADD 1%)	\$	144.93
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TOTAL COST \$ 14,638.06

UNIT PRICE (TOTAL COST/EST. QTY) \$ 74.58

Primoris

Foreman's Daily Time Report		Allocation		D		E	
Job No.	Day of Week	Date	Week Ending	Phase			
10743	Friday	7/31/2020	8/2/2020	Description	0507.2000	0536-8900	0501-1000
Job Name				Per Diem			
CN 110 Williamson County				Weather			

Employee No.	Name	Crate/Class	Equip. #	AWA	MS	MS	MS	MS
200110	Brown, Nicholas	8/71405	FL49	MS	5	5	5	5
204019	Minton, Steve	18/71405	31800	MS	0			
226645	Cummings, Richard C	8/71306	00487	MS	5	5		
227961	Willens, Mike	8/71306	70600	MS	5	5		
243082	Copeeland, Willie	8/71388		MS	0			
243736	Williams, Jacob C	18/71175	6W479	MS	5	5		
282417	Dowley, Trey	18/71180	roller	MS	5	5		
282420	Wieding, Christopher	18/71175	Flag	MS	5	5		
	8084 Loader		LW0605					
	CAT 847 Truck 790C		TE00170					
	Cody's Truck		1-488					
Totals					30	10	15	5
Quantity	Description/Location, Sample, Etc.							
A	Set up traffic control at University Blvd. and Flag							
B	48.24 hrs	Full depth hot mix type B - University Blvd. radius sta 155+25 to 155+40, Phase 156+50 to 157+32						
C	166.11 sy	Paved and Raveled Old Celio Sta 1320+45 to 321+10 (65+23)						
D								
E								

Production Report: List Load Counts, Distances, Applications, Other Working Descriptions, Productivity Encountered, Explanation of Down Time, Etc.

Name: Henry Williams, Jr. Loads: 1000's of B-mix

28301-1273 hrs Transfer Out

Foreman: ANDREW GUTIERREZ Date: 7-31-2020 Project Manager: Date:

Crew: 8001

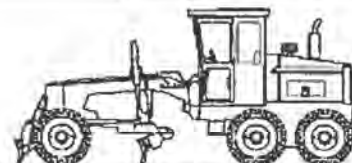
ALEXANDER K. REICH
PROJECT ENGINEER
TEXAS DIVISION

Office Manager: Date:

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@jcglc.com)



BRANCH 19J
1910 WEST PECAN STREET
PFLUGERVILLE TX 78660
512-990-8665
512-990-1944 FAX

RENTAL RETURN INVOICE

184384064-001

Job Site

CR110 & UNIVERSITY
CR110 & UNIVERSITY
x:X@X
ROUND ROCK TX 78665
Office: 225-295-4830 Cell: 254-718-4392

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

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

SALES/MISCELLANEOUS ITEMS:

Qty	Item	Price	Unit of Measure	Extended Amt.
1	TX UNIT PROPERTY TAX	[DRSURT/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.

725.39
2 = 362.695
DAY





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



Total \$1,401.37

Phone #	E-mail	Terms
737-444-8623	accounting@nuneztruckinginc.com	Net 30



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

Texas Materials
1320 Arrow Point Dr Suite 600
Cedar Park, TX 78613
512-861-7100

ccarpenter@prim.com
accountspayable@prim.com

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



maintain your business!

0596-4807-31

202231

Date: 07/30/2020 10:26:20 am
 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

Picked Up

Tax:	TX246567 - TX William
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	Loads: 1
Received: 24.50	Received: 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



Liberty Hill Plant

Thank you for your business!



202231

Date: 07/30/2020 10:26:20 am
 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

Picked Up

Tax:	TX246567 - TX William
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	Loads: 1
Received: 24.50	Received: 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



THANK YOU FOR YOUR BUSINESS!

2022234

A CRH COMPANY



Date: 07/30/2020 10:54:54 am

Picked Up

Location: 04286 - 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 William

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	Loads:	2
Received:	49.65	Received:	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



Liberty Hill Plant

Thank you for your business!

2022234

A CRH COMPANY



Date: 07/30/2020 10:54:54 am

Picked Up

Location: 04286 - 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 William

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	Loads:	2
Received:	49.65	Received:	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

\$116.02

A CEM 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 William

Pay: Account

Job: 524570

P.O.: 36332

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	Loads: 3

Received: 74.13 Received: 74.13

Received:

Dispatch: 3 74.13 Weighmaster: Seward Plant

CUSTOMER COPY

This is to certify that the material herein described meets the applicable contract specifications and requirements.



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 William

Pay: Account

Job: 524570

P.O.: 36332

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	Loads: 3

Received: 74.13 Received: 74.13

Dispatch: 3 74.13

Weighmaster: Seward Plant

CUSTOMER COPY

This is to certify that the material herein described meets the applicable contract specifications and requirements.



Thank you for your business!

202238

A CEM COMPANY

Date: 07/30/2020 11:54:41 am

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

CR 110

Received:

Picked Up

Tax: TX246567 - TX William

Pay: Account

Job: P.O.: 524570

Disp.: 36332

Quant.: 24.36 Ton

Dispatch: 4 98.49

Weightmaster: Seward Plant

	Pounds	Tons
Gross	75380	37.69
Tare	26660	13.33
Net	48720	24.36

Today		Order Totals	
Loads: 4	Received: 98.49	Loads: 4	Received: 98.49

This is to certify that the material herein described meets the applicable contract specifications and requirements.

CUSTOMER COPY



Liberty Hill Plant

Thank you for your business!

202238

A CEM COMPANY

Date: 07/30/2020 11:54:41 am

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

CR 110

Received:

Picked Up

Tax: TX246567 - TX William

Pay: Account

Job: P.O.: 524570

Disp.: 36332

Quant.: 24.36 Ton

Dispatch: 4 98.49

Weightmaster: Seward Plant

	Pounds	Tons
Gross	75380	37.69
Tare	26660	13.33
Net	48720	24.36

Today		Order Totals	
Loads: 4	Received: 98.49	Loads: 4	Received: 98.49

This is to certify that the material herein described meets the applicable contract specifications and requirements.

CUSTOMER COPY

Thank you for your business!

202239

A CEM COMPANY



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 William		Picked Up	
Pay:	Account		
Job:			
P.O.:	524570		
Disp.:	36332		
Quant.: 25.09 Ton			
		Pounds	Tons
		Gross	79720
		Tare	29540
		Net	50180
			14.77
			25.09

CR 110

Today		Order Totals	
Loads:	5	Loads:	5
Received:	123.58	Received:	123.58

Received:

This is to certify that the material herein described meets the applicable contract specifications and requirements.

Dispatch: 5 123.58 Weighmaster: Seward Plant

CUSTOMER COPY



Liberty Hill Plant

Thank you for your business!

202239

A CEM COMPANY



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 William		Picked Up	
Pay:	Account		
Job:			
P.O.:	524570		
Disp.:	36332		
Quant.: 25.09 Ton			
		Pounds	Tons
		Gross	79720
		Tare	29540
		Net	50180
			14.77
			25.09

CR 110

Today		Order Totals	
Loads:	5	Loads:	5
Received:	123.58	Received:	123.58

Received:

This is to certify that the material herein described meets the applicable contract specifications and requirements.

Dispatch: 5 123.58 Weighmaster: Seward Plant

CUSTOMER COPY



Thank you for your business!

202241



Picked Up

Date: 07/30/2020 12:35:31 pm
 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

	Pounds	Tons
Gross	79360	39.66
Tare	30560	15.28
Net	48800	24.40

Tax: TX246567 - TX William
 Pay: Account
 Job: 524570
 P.O.: 36332
 Disp.: 36332
 Quant.: 24.40 Ton

CR 110	Today	Order Totals
Loads: 6	Loads: 6	6
Received: 147.98	Received: 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



Liberty Hill Plant

Thank you for your business!

202241



Picked Up

Date: 07/30/2020 12:35:31 pm
 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

	Pounds	Tons
Gross	79360	39.66
Tare	30560	15.28
Net	48800	24.40

Tax: TX246567 - TX William
 Pay: Account
 Job: 524570
 P.O.: 36332
 Disp.: 36332
 Quant.: 24.40 Ton

CR 110	Today	Order Totals
Loads: 6	Loads: 6	6
Received: 147.98	Received: 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



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

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: 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



A CEM COMPANY

Thank you for your business!



Number 514 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: 213006 - B MIX R 64-22

Tax: TX246567 - TX William

Pay: Account

Job: 524573

P.O.: 36529

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	Loads:	7
Received:	23.96	Received:	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

Liberty Hill Plant



A CEM COMPANY

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: 213006 - B MIX R 64-22

Tax: TX246567 - TX William

Pay: Account

Job: 524573

P.O.: 36529

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	Loads:	8
Received:	48.29	Received:	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



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

Texas Materials
1320 Arrow Point Dr Suite 600
Cedar Park, TX 78613
512-861-7100

ccarpenter@prim.com
accountspayable@prim.com

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.



Invoice Amount: 1,896.84

Amount Paid: _____

Customer Name: James Construction Group LLC
Customer No: 241920
Invoice #: 200894214
Date: 08/3/20

If you have any questions about your invoice please call 512-861-7100

Customer PO: 524572
Due Date: 09/02/20

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



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 Tax

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	3
Received:	24.68	70.91
Dispatch:	1	24.68

Received:

Weighmaster: Manor Plant

This is to certify that the material 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

Send To:

Eddie Chrch
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

[illegible]

Contractor's Basis of Estimate

Narrative:

Labor

Reg Hrs

OT Hrs

UM

Reg Rate

OT Rate (x1.5)

Extended

\$	-
\$	-
\$	-
\$	-
\$	-
\$	-
\$	-

Equipment

QTY

UM

Rate

Extended

\$	-
\$	-
\$	-
\$	-
\$	-
\$	-

Subcontractors

QTY

UM

Price

Extended

Elite Curb

MOBILIZATION
CONC CURB RAMPS (TY 7)
CONC SIDEWALKS (4")

1.00	LS	\$1,610.00	\$	1,610.00	\$ 1,851.50	\$ 1,851.50
4.00	EA	\$1,765.00	\$	7,060.00	\$ 8,119.00	\$ 2,029.75
44.00	SY	\$86.00	\$	3,784.00	\$ 4,351.60	\$ 98.90
	Subtotal		\$	12,454.00		
	15% Markup		\$	1,868.10		
	Total Subcontract		\$	<u>14,322.10</u>		

Material

QTY

UM

Price

Extended

CY	\$	-
Subtotal	\$	-
15% Markup	\$	-
Total Material	\$	-

Additional Work Items

QTY

Units

Price

Extended

0104-6022	REMOVING CONC (CURB & GUTTER)
0104-6036	REMOVING CONC (SIDEWALK OR RAMP)
0105-6037	REMOV STAB BASE & ASPH PAV (0"-16")

328.00	DOL	\$	7.30	\$	2,394.40
86.00	DOL	\$	50.00	\$	4,300.00
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
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By Eddie Church, P.E. at 5:18 pm, Oct 08, 2020

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	FLORABLE 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 (STEPL) (LOW PROF) (TY 1)	PORT CTB (REMOVE) (LOW PROF) (TY 1)	PORT CTB (REMOVE) (LOW PROF) (TY 2)	WK 2N PAV MRK NON-REMOV (W) 4" SLD	WK 2N PAV MRK NON-REMOV (Y) 4" SLD	WK 2N PAV MRK REMOV (TRAF BTN) TY W	WK 2N 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	4231	2345	2065
TOTAL	114	105	88	520	157	92	13	1235	440	40	640	120	80	440	40	13231	12511	12998	12393

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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	1280	128	2	1		
TCP PHASE 1 STEP 3	1280	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 6008	0104 6022	0104 6036	0104 6054	0109 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 (10'-18")	OBLITERATING ABANDONED ROAD	REMOV STR (SET)	REMOV STR (WINGWALL)	REMOV STR (HEADWALL)	REMOV STR (PIPE)	REMOV STR (BOX CULVERT)	REMOV 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	861	0	448	7423	3	2	2	260	35	0	0	331
SHEET 2 OF 5	49	40	0	0	34	6587	0	0	6	359	0	0	0	0
SHEET 3 OF 5	0	0	0	0	0	5894	0	0	0	0	0	0	0	0
SHEET 4 OF 5	0	0	0	187	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 5	0	0	0	0	0	0	0	0	0	0	0	255	2	0
TOTAL	49	328	861	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 OR 4) (FINAL POS)	LIME (HYDRATED LIME (SLURRY))	LIME TBT (SUBGRADE) (8")	PRIME COAT (MULTI OPTION)	ACR (TY-D GR-S SAC-8)	ASPH (AC - 15P, HFRS - 2P OR CRS - 2P)	D-GR HMA TY-B PG64-22	D-GR HMA TY-D SAC-8 PG70-22	FLEXIBLE PAVEMENT STRUCTURE REPAIR (6")	RIPRAP (MOW STRIP) (4 IN)	CONC CURB & GUTTER (TY 1)
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	89	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	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	4829	3276	2759	115	6381	1107	34	1384	1258	618	150	0	1134
SHEET 8 OF 13	12.0	1837	3518	3277	117	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	49	1731	295	9	369	319	138	0	16	0
SHEET 13 OF 13	9.3	684	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	DRIVERWAYS (ACP)	CONC SIDEWALKS (4")	CURB RAMP (TY T)	MTL N-BEAM GO FEN (TIM POST)	MTL BEAM GO FEN (LONG SPAN SYSTEM)	GUARDRAIL END TREATMENT (INSTALL)	CHAIN LINK FENCE (INSTALL) (5')	WIRE FENCE (TY A)	GATE (TY I)	MAILBOX INSTALL-5 (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

△ DITCH AND DRIVEWAY REVISIONS

△ DITCH, RIPRAP, AND DRIVEWAY PIPE REVISIONS

Kimley»Horn

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CR 110 (MIDDLE SECTION)

QUANTITY SUMMARIES

SHEET 1 OF 3

DES: RUL	WILLIAMSON COUNTY	SHEET NO.
CK: TAI	JOB NO.	4

CONSTRUCTION PROJECT AVERAGE LOW BID

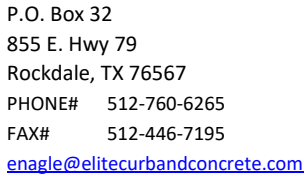
District: AUSTIN

UPDATED: 04/18/2022

ITEM CODE	ITEM DESCRIPTION	ITEM UNIT	STATEWIDE 3M			STATEWIDE 12M			DISTRICT14 - 3M			DISTRICT14 - 12M		
			COUNT	QUANTITY	AVG	COUNT	QUANTITY	AVG	COUNT	QUANTITY	AVG	COUNT	QUANTITY	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	\$1,681.51						
01006008	PREPARING ROW (TREE) (0" TO 6" DIA)	EA	3	388.00	\$272.60	8	419.00	\$386.02						
01006009	PREPARING ROW (TREE) (6" TO 24" DIA)	EA	6	425.00	\$609.49	16	527.00	\$695.63						
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	\$3,987.38						
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	\$12.90	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	\$45.76				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	\$16.06	1	25.00	\$50.00	5	4,033.00	\$14.03
01046017	REMOVING CONC (DRIVEWAYS)	SY	18	14,769.00	\$15.46	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	\$4.15	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	7	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	\$20.71
01046025	REMOVE CONC (WINGWALL)	CY				5	49.90	\$473.60				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	\$41.81						
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 ENCASUREMENT)	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	\$523.69
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	\$20.79	1	175.00	\$100.00	2	497.00	\$59.94
01046040	REMOVING CONC (PAVERS)	SY				5	4,568.00	\$13.64				1	142.00	\$10.60
01046042	REMOVING CONC (MOVABLE BARRIER)	LF				1	66,880.00	\$10.00						
01046044	REMOVING CONC (FLUME)	SY	3	692.30	\$8.95	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	\$7.60	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	8,391.00	\$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 (8")	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	\$3.51				1	12,846.00	\$10.00
01056015	REMOVING STAB BASE & ASPH PAV (8"-10")	SY				8	248,906.00	\$6.94				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	185,445.00	\$9.75	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	\$3.85									
01056024	REMOVING STAB BASE AND ASPH PAV (21")	SY					2	28,760.00	\$7.68									
01056026	REMOVE STAB BASE & ASPH PAV (13"-18")	SY		1	13,899.00	\$9.50	7	154,279.00	\$5.51			1	23,915.00		\$5.69			
01056029	REMOVE STAB BASE & ASPH PAV (24")	SY					3	161,816.00	\$7.84			1	24,395.00		\$5.99			
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		\$14.09			
01056034	REMOVING STAB BASE AND ASPH PAV(8'-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	448.00	\$35.00

PROPOSAL



Project Number:	
Project Name:	Sidewalk and ADA Ramps on CR 110
Project Location:	Travis County, Texas

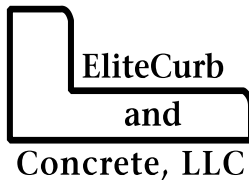
Submitted to:
James Construction Group
Attention: Alex Krejchi

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:

[illegible]

Sub-Total	\$ 12,454.00
Sales Tax if applicable	
TOTAL	\$ 12,454.00



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	

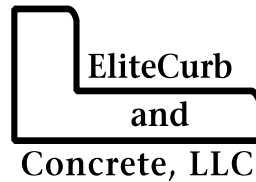
GENERAL CONDITIONS

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
Prices good until	12/31/2020		Count
Performance Bond:	Add 2% to Total		<input checked="" type="checkbox"/> Flat Work Concrete
			<input type="checkbox"/> Curb Machine
			<input type="checkbox"/> Slip Form Paver
			<input type="checkbox"/> Rail Machine

PROPOSAL PROVISIONS

1	Invoices are tendered monthly. Terms are net upon receipt.
2	The inclusions, exclusions and provisions contained herein <u>must</u> 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 toilets 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



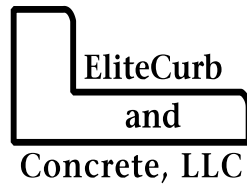
PROPOSAL PROVISIONS (continued)

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 24 th through Jan 1 st .
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



PROPOSAL-SPECIFIC CONDITIONS	
1	No specific conditions for this work.

Item 341-WC03

Change Order #4 Proposal, Rev 1



Williamson
CR 110
Project No.: 1809-261
Control No.: 1809-261

[illegible]

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.

<u>Labor</u>	<u>Reg Hrs</u>	<u>OT Hrs</u>	<u>UM</u>	<u>Reg Rate</u>	<u>OT Rate (x1.5)</u>	<u>Extended</u>
						\$ -
						\$ -
					Subtotal	\$ -
					25% Profit	\$ -
					55% Burdens	\$ -
					Total Labor	\$ -

<u>Equipment</u>	<u>QTY</u>	<u>UM</u>	<u>Rate</u>	<u>Extended</u>
				\$ -
				\$ -
				\$ -
			Subtotal	\$ -
			15% Profit	\$ -
			Total Equipment	\$ -

<u>Subcontractors</u>	<u>QTY</u>	<u>UM</u>	<u>Price</u>	<u>Extended</u>
Texas Materials	425.46	Ton	\$ 101.17	\$ 43,043.79
				\$ -
				\$ -
			Subtotal	\$ 43,043.79
			15% Profit	\$ 6,456.57
			Total Subcontract	<u>\$ 49,500.36</u>

<u>Material</u>	<u>QTY</u>	<u>UM</u>	<u>Price</u>	<u>Extended</u>
		CY		\$ -
			Subtotal	\$ -
			15% Markup	\$ -
			Total Material	<u>\$ -</u>

<u>Additional Work Items</u>	<u>QTY</u>	<u>Units</u>	<u>Price</u>	<u>Extended</u>
		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



A CRH COMPANY

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
Project #: OF1812001CO3
County: Williamson
Bid Date: September 15, 2020

Location: CR 110 Hutto, TX
Plant: Liberty Hill

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: _____

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
Description: Added Channel Exc
Culvert C
Estimated Qty: 1.00
UOM: EA
Project: CR110 (MIDDLE SECTION)
Control:
County: Williamson Co
Highway: CR110
NOTE:

<u>Labor</u>	<u>ST Hours</u>	<u>OT Hours</u>	<u>ST Rate</u>	<u>OT Rate</u>	<u>Extended</u>
Mike Willes		3	\$26.00		\$ 78.00
				15% Profit	\$ 11.70
				55% Burdens	\$ 42.90
				Subtotal	\$132.60

<u>Equipment</u>	<u>U/M</u>	<u>Units</u>	<u>Rate</u>	<u>Extended</u>	
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

<u>Subcontractors</u>	<u>QTY</u>	<u>Units</u>	<u>Price</u>	<u>Extended</u>
			5% Profit	
			Subtotal	\$ -

<u>Material</u>	<u>QTY</u>	<u>Units</u>	<u>Price</u>	<u>Extended</u>
			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

Primoris

Foreman's Daily Time Report

Job No 10743
Day of Week Thursday
Date 4/9/2020
Week Ending 4/12/2020
Job Name CR 110 Williamson County
Weather

Allocation
Phase
Description
Per Diem

A 0502.3000
B 0501.4000
C 0546.4001-0507.2000
D
E

Employee No.	Name	Craft/Class	Equip. #	Equipment Meter/Mileage	Abs Code	Injury	No. Total Hrs	Hrs	Hrs	Hrs	Hrs
200110	Brown, Nicolas	871405			CN		8.5	8.5			
204019	Minton, Stevie	16T1606	3-1988	10214 hrs	CN		8.5	8.5			
226645	Cummings, Richard C	871306	G0487	9057 hrs	CN		8.5	8.5			
227961	Williess, Mike	871306	T0609	7946 hrs	CN		5.5	5.5	3		
243082	Copeland, Willie	871369	LW-479	9136 hrs	CN		8.5	8.5			
243736	Williams, Dale		Boom		CN		8.5	8.5			
#REF!	336FL Excavator	EB0308			CN						
	Roller (A130032)	R0352R		245 hrs	CN						
	Roller	R00301			CN						
	838M Loader	LW0505			CN						
	Cod/2 Truck	1-589		549 hrs	CN						
	349 Excavator	EB0306		8228 hrs	CN						
Totals							51	34	5.5	3	8.5

Production Report: List Load Counts, Deliveries, Accidents, Owner Verbal Directives, Problems Encountered, Evaluation of Down Time, etc.
H) Reloading Finish base CR110 over Culvert 2, 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

Project Manager:

Date:

Office Manager:

Date:

Andrew Gutierrez

Alexander Kreich

ALEXANDER KREICH
PROJECT ENGINEER
TEXAS DIVISION

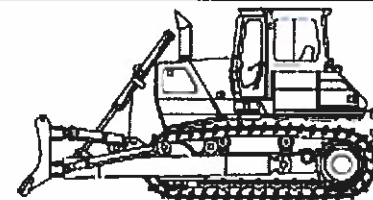
ALEXANDER KREICH
PROJECT ENGINEER
TEXAS DIVISION

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@jcglc.com)

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. CR110.	
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
<div style="border: 1px solid red; padding: 5px; margin: 10px 0;"> <p>\$10,302.00 = Material Costs \$1,545.30 = 15% Mark-up per County \$11,847.30</p> </div>					

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

Total	\$10,302.00
--------------	------------------------

Company: _____

Signature: _____

Date: _____

THANK YOU FOR YOUR CONSIDERATION!

JCG Force Account

Item 110-WC04

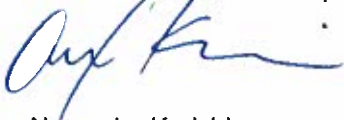
EDDIE CHURCH
HNTB CORPORATION
101 E. Old Settlers Blvd, Suite 100
Round Rock, TX 78664

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:

James Construction Group, LLC

Contractor's Basis of Estimate

Date: 5/31/2020
Description: Cut Temp Ditch 209-221
Estimated Qty: 1.00
UOM: LS

Project: CR110 (MIDDLE SECTION)
Control:
NOTE:

County: Williamson Co
Highway: CR110

Labor	<u>ST Hours</u>	<u>OT Hours</u>	<u>ST Rate</u>	<u>OT Rate</u>	<u>Extended</u>
Mike Willess	13		\$26.00		\$ 338.00
			25% Profit		\$ 84.50
			55% Burdens		\$ 185.90
			Subtotal		\$608.40
Equipment	<u>U/M</u>	<u>Units</u>	<u>Rate</u>		<u>Extended</u>
T609 D6 Dozer	hr	13	\$72.31		\$ 940.03
			15% Profit		\$ 141.00
			Subtotal		\$ 1,081.03
Subcontractors	<u>QTY</u>	<u>Units</u>	<u>Price</u>		<u>Extended</u>
			5% Profit		
			Subtotal		\$ -
Material	<u>QTY</u>	<u>Units</u>	<u>Price</u>		<u>Extended</u>
			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

Foreman's Daily Time Report				Allocation		A		B		C		D		E	
Job No	Day of Week	Date	Week Ending	Phase											
10743	Saturday	5-30-2020	5-31-2020				0561-4000	0501-3000							
CR 110 Williamson County				Description			Subgrade	Excavation							
Job Name Weather				Per Diem											
Employee No.				Name	Craft/Class	Equip. #	Equipment Meters/Mileage	Abs Code	No Injury	Total Hrs Worked	Hrs	Hrs	Hrs	Hrs	Hrs
200110				Brown, Nicolas	8/T1405	Rt 301		C/N	13	4	4				
204019				Minton, Stevie	16/T1606	3-1988	10264 hrs	C/N	4	4	4				
226645				Cummins, Richard C	8/T1306	GB487	9224 hrs	C/N	12	4	4				
227961				Willis, Mike	8/T1306	T0609	8223 hrs	C/N	5	5					
243082				Copeland, Willie	8/T1369	LW-479		C/N	0						
243136				Williams, Jane C	19/T1175			C/N	0						
282417				Dowley, Trey	19/T150			C/N	0						
				Walsh, Chris	19/T1129			C/N	0						
								C/N							
				938M Loader		LW0505		C/N							
				Cody's Truck		1-599	57700	C/N							
								C/N							
Totals				Description / Location, Station, Etc.											
A	Quantity		Subgrade CR110 Sta 232 to 234+50 process & rolled - subgrade too wet. Cut to fill a cut temporary ditch left side Sta 209+75 to 214+50 and stockpiled												
B															
C															
D															
E															

Production Report: List Load Counts, Deliveries, Accidents, Owner Verbal Directives, Problems Encountered, Explanation of Down Time, Etc.

③ Can't cut ditch per plan, still has power poles and water meter in ditch

Foreman: ANDREW GUTIERREZ Date:

Crew - B001

Project Manager:

Date:

Office Manager:

Date:

ALEXANDER KREJCHI
PROJECT ENGINEER
TEXAS DIVISION

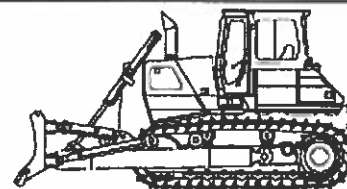
Foreman's Daily Time Report					Allocation		A		B		C		D		E	
Job No.	Day of Week	Date	Week Ending	Phase												
10743	Monday	6/1/2020	6/7/2020	Description												
Job Name				Per Diem												
CR 110 Williamson County				AWA												
Employee No.	Name	Craft/Class	Equip. #	Equipment Meters/Mileage	Abs Code	No Injury	Total Hrs Worked	Hrs	Hrs	Hrs	Hrs	Hrs	Hrs	Hrs	Hrs	Hrs
204019	Minton, Stevie	16/T1606	3-1488	10273 hr	C/N	10	10	8			2					
227961	Willers, Mike	8/T1306	T0809	4243 hrs	C/N	10	10	8							2	
243082	Copeland, Willie	8/T1369	LW-479	9284 hrs	C/N	10	8				2		6			
243736	Williams, Jace C	19/T1175			C/N	10	8				2		6			
282417	Dowley, Trey	19/T1150			C/N	10	4				2		6			
282420	Walding, Christopher	19/T1175			C/N	10	8				2		6			
200116	Brown, Nicolas	8/T1405	RA 301	1232 hrs	10	10	8				2					
226645	Cummins, Richard	8/T1306	60487	9238 hrs	10	10	10									
John Deere 250D offroad		TED9446R3		4678 hrs												
Cody 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	Place topsoil w/ dozer Sta 205+98 to 210+00 (4:2 X 30 X 4")															
148.88 cy																
Production Report: List Load Counts, Deliveries, Accidents, Owner Verbal Directives, Problems Encountered, Explanation of Down Time, Etc.																
(A) Surveyors started grade check @ 2 PM 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 to 213 CR110																
Foreman: ANDREW GUTIERREZ Date: 6-1-2020				Project Manager: [Signature] Date: 6/1/20				Office Manager:				Date:				
Crew - B001				[Signature]				ALEXANDER KREJCHI PROJECT ENGINEER TEXAS DIVISION								

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)

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 *24 IN 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 approximately 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



FERGUSON WATERWORKS #1106
Price Quotation

Page 4 of 10

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-DR188PDL12	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
IMJGPP24	24 MJ C153 BLT GSKT PK L/ GLAND	2	55.030	EA	110.06
✓ PSVB562SW	2PC SCRWB 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 VLV L/A				
✓ SSLCE16	16 PVC WDG REST GLND *ONELOK	10	719.110	EA	47191.10
IMJGPP16	16 MJ C153 BLT GSKT PK L/ GLAND	10	174.850	EA	3497.00
E17815	16 MJ C153 BLT GSKT PK L/ GLAND	10	39.310	EA	786.20
✓ PSVB562SW	2 VLV STEM EXT AUSTIN STYLE	10	47.070	EA	470.70
B130V	2PC SCRWB 16T/24B COMP CI VLV BX WTR	10	52.000	EA	520.00
B164SP	POST MTG VLV MRKR	10	5.900	EA	59.00
E06800093	48 GALV SIGN POST	10	6.740	EA	67.40
	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
IMJGPP12	12 MJ C153 BLT GSKT PK L/ GLAND	26	24.890	EA	647.14
✓ PSVB562SW	2PC SCRWB 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
IMJGPP8	8 MJ C153 BLT GSKT PK L/ GLAND	2	17.560	EA	35.12
✓ PSVB562SW	2PC SCRWB 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.				

**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 10301 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	
1	1	AFC2524MMLAOLBG	THANK YOU FOR YOUR BUSINESS! PLEASE VISIT US AT FERGUSON.COM RANDALL 254-541-0800	18765.450	EA	18765.45	
2	0	IMJBG24	24 DI MJ RW OL GATE VLV L/A W/ BG		EA	0.00	
2	0	SSLDE24	24 MJ C153 BLT GSKT PK L/ GLAND 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.

5880 WEST HWY 190, SUITE 100
BELTON, TX 76513
PHONE (254) 939-8610
FAX (254) 939-8611



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 Kreichi

INVOICE

Date: 8/21/2020

Invoice # 10743-04



Bill To:

Eddie Chrch
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

Contractor's Basis of Estimate

County: Williamson
Highway: CR110

Original Contract:

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.

<u>Labor</u>	<u>Reg Hrs</u>	<u>OT Hrs</u>	<u>UM</u>	<u>Reg Rate</u>	<u>OT Rate (x1.5)</u>	<u>Extended</u>
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

<u>Equipment</u>	<u>QTY</u>	<u>UM</u>	<u>Rate</u>	<u>Extended</u>
LW-505 CAT 938 Loader	4.00	HR	\$ 65.98	\$ 263.92
				\$ -
				\$ -
			Subtotal	\$ 263.92
			15% Markup	\$ 39.59
			Total Equipment	\$ 303.51

<u>Subcontractors</u>	<u>QTY</u>	<u>UM</u>	<u>Price</u>	<u>Extended</u>
			\$	-
			\$	-
			\$	-
			Subtotal	\$ -
			15% Markup	\$ -
			Total Subcontract	\$ -

<u>Material</u>	<u>Ferguson Item Number</u>	<u>QTY</u>	<u>UM</u>	<u>Price</u>	<u>Extended</u>
12" PVC C900	DR18BP12	28.00	lf	\$ 14.18	\$ 397.04
12" Gland	IMJBG12	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

<u>Additional Work Items</u>	<u>QTY</u>	<u>Units</u>	<u>Price</u>	<u>Extended</u>
		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
----------------------------------	----	----------

(A - MISC NOT BE ENTERED YET)					
Employee No.	Foreman's Daily Time Report		Allocation Phase	B	C
	Job No.	Date		A	D
Primoris	10743	8/13/2020	Week Ending 8/16/2020	0596-4008	0603-1850
	Thursday Job Name CR 110 Williamson County		Description Weather	R = Connect	12" for Ench 16" PVC
Name	Equip Class	Equip #	Equipment Meter/Mileage	Hrs	Mys
202779 Garcia, Gustavo	BT1346		CN	4	7
204543 Serrano, Nicolas	10TT161		CN	4	7
239657 Para Valdez, Ramon	BT1124		CN	4	7
242040 Rubio, Rene	BT1347		CN	4	7
			CN		
			CN		
	LW-478		CN		
	LH-118		CN		
	LW-606		CN		
			CN		
			CN		
			CN		
Totals Quantity				44	28
A B C D E					
Excavated removed old Reconnected 12" Pvc to existing 12"					
Extensal set & Backfilled 16" Pvc installed 11' x 4 ft long connected to 24" line					

Production Report: List Load Counts, Deliveries, Accidents, Owner Verbal Directives, Problems Encountered, Explanation of Down Time, etc.
 A. Removed New five Hydrant + Valve to Reconnect 12" water line used at 12" @ 900 l-s Solid 12" sleeve 3-mega bags + gasket sets

Fazman: PERRY WEBB Date: 8.14.20 Project Manager: [Signature]
 Crew : BOZS Alex KREJICH PROJECT ENGINEER TEXAS DIVISION

Rental Rate Blue Book®

April 13, 2020

Caterpillar 938M

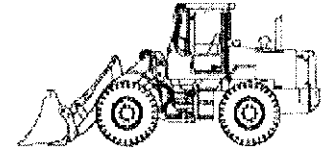
4-Wd Articulated Wheel Loaders

Size Class:

175 - 199 HP

Weight:

N/A


Configuration for 938M

Bucket Capacity - Heaped
Operator Protection

6.5 cu yd
ROPS/FOPS

Net Horsepower
Power Mode

168 hp
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

Standby Rate

Hourly

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)

**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:

JAMES CONSTRUCTION GROUP LLC
CR110 PROJECT
18484 E PETROLEUM DR
BATON ROUGE, LA 70809

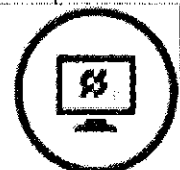
COUNTER PICK UP
FERGUSON WATERWORKS #1254
200 PARK CENTRAL BLVD
GEORGETOWN, TX 78626

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# THIRD FP BY SS T HDL	15.570	EA	15.57	
2	2	IMJBG12	12 MJ G153 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	GBRNFEM	LF 3/4X3 BRS NIP GDL	3.730	EA	7.46	
1	1	MHYD280LF	LF 2-1/2 FNST X 3/4 MIP HYD ADPT	19.200	EA	19.20	
1	1	FNWXLFG3300L	LFN LIQ 2-1/2 STL BR GA 0-300 1/4 M	39.170	EA	39.17	
1	1	MJLSIA12	12X12 MJ G153 LONG SLV 1/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.

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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 #1106
Price Quotation

Page 3 of 10

Fax 512-930-2388

08:07:37 DEC 13 2018
Reference No: B418017

Item	Description	Quantity	Net Price	UM	Total
	#157 12" DR18				
DR18DP12	12 C900 DR18 PVC GJ BLUE PIPE	3117	14.185	FT	44199.05
TW16SLDTFNBL500	16GA SLD COP TEN WIRE BLUE 500FRL	6	46.750	RL	280.50
SDS400	IN SPLICE CONN	6	1.740	EA	10.44
MJLA12	12 MJ C153 45 BEND L/A	8	145.470	EA	1163.76
MJRLA12U	12XG MJ C153 RED L/A	2	81.510	EA	163.02
SDMCP12	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
IMJGPF12	12 MJ C153 BLT USKT PK L/ GLAND	30	24.890	EA	746.70
SLDE0	6 DI MJ WDG REST GLND *ONELOK	2	21.410	EA	42.82
APW2988	28X200 8 MIL POLYWRAP W/WHIT LABEL	2	124.980	RL	249.96
	SUBTOTAL				50686.62
	#157 8" DR18				
DR18BPX	8 C900 DR18 PVC GJ BLUE PIPE	15	6.700	FT	100.50
MJLAX	8 MJ C153 45 BEND L/A	2	67.080	EA	134.16
SSLCE8	8 PVC WDG REST GLND *ONELOK	4	38.810	EA	155.24
IMJGPF8	8 MJ C153 BLT USKT PK L/ GLAND	4	17.560	EA	70.24
	SUBTOTAL				460.10
	#158 8" DR18				
DR18BPU	8 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
DR18LOK21P18	16 C905 DR18 LOK21 GJ PIPE	265	49.092	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 500FRL	1	46.750	RL	46.75
	SUBTOTAL				32767.69
	#160 20" HDPE CASING				
	NOTE: QUOTING 24", 20" NOT AVAILABLE				
	#161 24" HDPE CASING				
SP-DSCP43824	24 X .438 STL CASING PIPE	50	16.350	FT	817.50
DR18LOK21P18	16 C905 DR18 LOK21 GJ PIPE	50	50.095	FT	2504.75
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
DR18LOK21P18	16 C905 DR18 LOK21 GJ PIPE	440	50.095	FT	22041.80
SP-CS1624	16X24 CASING SPACER	73	115.294	EA	8416.45
SP-ES1624	16X24 END SEAL	6	52.000	EA	312.00
TW16SLDTFNBL500	16GA SLD COP TEN WIRE BLUE 500FRL	1	46.750	RL	46.75
	SUBTOTAL				55487.53
	#182 20" STL CASING				
DSCP37520	20 X .375 STL CASING PIPE	325	4055.557	C	13185.58
B132019255S8CR	13 20X19 25 SS 8 WIDE CASING SPGR	49	64.700	EA	3170.55

Email: accounts payable@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

A handwritten signature in blue ink, appearing to read "Alex Krejchi".

Alexander Krejchi
Project Engineer

CC:

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:**

<u>Labor</u>	<u>ST Hours</u>	<u>OT Hours</u>	<u>ST Rate</u>	<u>OT Rate</u>	<u>Extended</u>
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

<u>Equipment</u>	<u>U/M</u>	<u>Units</u>	<u>Rate</u>	<u>Extended</u>
				\$ -
				\$ -
			15% Profit	
			Subtotal	\$ -

<u>Subcontractors</u>	<u>QTY</u>	<u>Units</u>	<u>Price</u>	<u>Extended</u>
			5% Profit	
			Subtotal	\$ -

<u>Material</u>	<u>QTY</u>	<u>Units</u>	<u>Price</u>	<u>Extended</u>
			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

5880 WEST HWY 190, SUITE 100
BELTON, TX 76513
PHONE (254) 939-8610
FAX (254) 939-8611



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.

Regards,

Heath Taylor

Heath Taylor
Sr. Project Manager
Primoris Heavy Civil
James Construction Group

Cc: File

See comments on
following pages.
erc

Proposal

Date: 6/11/2020

Proposal No.: 10743-01



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

[illegible]

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	
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	-	-
					Subtotal = \$	70.65
Equipment						
CREW TRUCK	0.50	ea	5.00	hrs	14.13	70.65
		ea	-	hrs	-	-
		ea	-	hrs	-	-
					Subtotal = \$	-
Material						
					Subtotal = \$	17,211.30
Subcontract						
AUSTIN TRAFFIC SIGNAL - TXDOT TS 2 - M 60 SERIES CONTROLLER			1.00	EA	17,211.30	17,211.30
						-
						-
						-
						-
					Subtotal = \$	-
Supplies/ Other						
						-
						-
						-
						-
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



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
Vantage Pegasus



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
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
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

Not Needed

Not Needed



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
Vantage Pegasus™

SIEMENS
EAGLE
Logic 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
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
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

Not Need

Not Neede

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**

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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."

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.

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



September 18, 2020

Item 341-WC02

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

Bill To:

Eddie Church
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

Contractor's Basis of Estimate

<u>Labor</u>	<u>Reg Hrs</u>	<u>OT Hrs</u>	<u>UM</u>	<u>Reg Rate</u>	<u>OT Rate (x1.5)</u>	<u>Extended</u>
Mike Willess	2.00		HR	\$ 26.00		\$ 52.00
						\$ -
					Subtotal	\$ 52.00
					15% Markup	\$ 7.80
					55% Burdens	\$ 28.60
					Total Labor	\$ 88.40
<u>Equipment</u>			<u>QTY</u>	<u>UM</u>	<u>Rate</u>	<u>Extended</u>
						\$ -
						\$ -
						\$ -
					Subtotal	\$ -
					15% Markup	\$ -
					Total Equipment	\$ -
<u>Subcontractors</u>			<u>QTY</u>	<u>UM</u>	<u>Price</u>	<u>Extended</u>
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
<u>Material</u>			<u>QTY</u>	<u>UM</u>	<u>Price</u>	<u>Extended</u>
						\$ -
					Subtotal	\$ -
					15% Markup	\$ -
					Total Material	\$ -
<u>Additional Work Items</u>			<u>QTY</u>	<u>Units</u>	<u>Price</u>	<u>Extended</u>
				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

To: James Construction

CONSTRUCTION CHANGE ORDER

CR 110 Middle Section

1

08/20/2020

\$15,703.75

-\$3,454.58

\$1,812,023.24

CHANGE DATA:

Item No.	Description (Including Reason)	Quantity	Unit	Unit Price	Amount
	Additional items and/or quantities:				
9000	CO#1 Grade Correction Paving	1	LS	\$15,703.75	\$15,703.75
	Total				\$15,703.75

by:

Date _____

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

Total Hours 15

PAY TYPE 21

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 118
(Rev. 5/18)
Page 1 of 1

County: Williamson Project: CR 110 MODIF CSJ: 1809-261 Highway: CR 110
Officer: Francisco Arles 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	08:00-13:30	5.5	\$70.00
		CSJ 1809-261			

Total Hours 5.5

Total Payout \$385.00



Make Checks Payable To:

**Paul Gonzalez
328 Guemal Road
Buda, Texas 78610**

35689

JOB #10743



DAILY REPORT ON LAW ENFORCEMENT FORCE ACCOUNT WORK

Form 318
(Rev. 5/12)
Page 1 of 1

County: WILLIAMSON Project: CR 110 MIDRIDGE 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: 7/10/201
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

James Construction Group, LLC

Contractor's Basis of Estimate

Date: 10/23/2020
CO Pricing Good For: 45 Days (unless noted otherwise elsewhere)

Project: CR110 (MIDDLE SECTION)
Control: 1809-261

County: Williamson
Highway: CR110

Description: Full Depth HMA on CR110
Infront of Toscana Trace

Original Contract: Net CO: \$

Revised Contract:

Estimated Qty: 1.00 LS
Estimated Change in Contract Sum: \$ 15,301.03
Estimated Change in Contract Time:

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.

JCG reserves the right to request equitable time and monetary adjustments for additional or unforeseen work resulting from this change order.

<u>Labor</u>	<u>Reg Hrs</u>	<u>OT Hrs</u>	<u>UM</u>	<u>Reg Rate</u>	<u>OT Rate (x1.5)</u>	<u>Extended</u>
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

<u>Equipment</u>	<u>QTY</u>	<u>UM</u>	<u>Rate</u>	<u>Extended</u>
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

<u>Subcontractors</u>	<u>QTY</u>	<u>UM</u>	<u>Price</u>	<u>Extended</u>
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

<u>Material</u>	<u>QTY</u>	<u>UM</u>	<u>Price</u>	<u>Extended</u>
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

<u>Additional Work Items</u>	<u>QTY</u>	<u>Units</u>	<u>Price</u>	<u>Extended</u>
			\$ -	\$ -
			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	81T1405	5	Traffic Control, roller
Minton, Storie	16/T1606	5	Traffic Control, water truck
Cummins, Richard C.	81T1306	5	Blade operator - finish subgrade; Hot mix
Willoss, Mike	81T1306	5	Excavator operator - excavate old CR110
Capeland, Willie	81T1306	5	Loader operator - excavate old CR110
Walding, Christopher	19/T1175	5	Traffic Control - offroad truck

EQUIPMENT		MATERIALS		
EQUIPMENT TYPE	EQUIPMENT #	MATERIAL DESCRIPTION	QTY	UoM
Yonatsu Excavator Rental		5364 hrs ✓		
Blade -	6487	9802 hrs ✓		
Water truck	3-1988	10234 hrs ✓		
Loader	LW474	9790 hrs ✓		
Offroad roller	TED-170 Rental	878 hrs		

2 dump trucks Dunez 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, Steve	16/T 1606	2	Water truck - Cool down Hotmix, Cleanup
Cummins, Richard C.	8/T 1306	2	Blade - finish Hotmix
Willems, Mike	8/T 1306	2	Traffic control - Cleanup
Cupeland, 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	B447			
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: _____

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

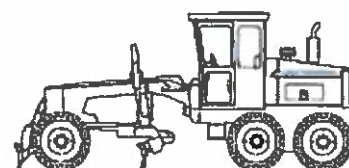
These are the most accurate rates for the selected Revision Date(s). However, due to more frequent online updates, these rates may not match Rental Rate Blue Book Print. Visit the Cost Recovery Product Guide on our Help page for more information.

The equipment represented in this report has been exclusively prepared for ALLISON CANGELOSI (acangelosi@jcglc.com)

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

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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

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(acangelosi@jcglc.com)

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
Operator Protection

6.5 cu yd
ROPS/FOPS

Net Horsepower
Power Mode

168 hp
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

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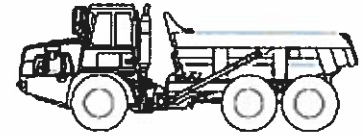
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Rental Rate Blue Book®

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

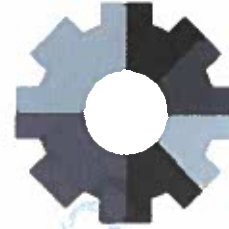
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The equipment represented in this report has been exclusively prepared for ALLISON CANGELOSI
(acangelosi@jcglc.com)

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

Standby Rate	Hourly	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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The equipment represented in this report has been exclusively prepared for ALLISON CANGELOSI (acangelosi@jcgllc.com)



186784628-001

BRANCH 19J
1910 WEST PECAN STREET
PFLUGERVILLE TX 78660
512-990-8665
512-990-1944 FAX

Job Site

ROAD CONSTRUCTION PROJECT
COUNTY ROAD 110 & LINNERS LOOP
x:CR 110@LINNERS 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

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 KARNIS

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	[DRSURT/MCI]	.333	EACH			
2	GAS	[GAS/MCI]	5.000	EACH			
4.50	DIESEL FUEL	[DSL/MCI]	5.000	EACH			
5	DIESEL FUEL	[DSL/MCI]	5.000	EACH			
1	DELIVERY CHARGE		115.000	EACH			
1	PICKUP CHARGE		115.000	EACH			
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.



RENTAL RETURN INVOICE

186943661-001

BRANCH 19J
1910 WEST PECAN STREET
PFLUGERVILLE TX 78660
512-990-8665
512-990-1944 FAX

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

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.





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
<div>PAGES 2, 5 & 6 HAVE BEEN DUPLICATED SO THAT THEY CAN BE WORKED AND ROUTED SEPARATELY. THANK YOU. ML. 10.20</div> <div>TW</div>					

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 - 9:10 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.

Received By: *Steve Minor*

Thank You

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

Jones Construction

Job Address:	Description	Total:
Ce 110 University (Sienna)		
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.

Received By: *Andrew L...*

Thank You

NOT RESPONSIBLE FOR DAMAGES TO PROPERTY WHEN INSTRUCTED BY CONTRACTOR OR OWNER TO LEAVE PUBLIC STREETS.



A CRN 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

Texas Materials
1320 Arrow Point Dr Suite 600
Cedar Park, TX 78613
512-861-7100

ccarpenter@prim.com
accountspayable@prim.com

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



Thank you for your business!

205575

Date: 10/07/2020 7:58:22 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 William

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	Loads:	9
Received:	23.83	Received:	211.36
		Remaining:	288.64
Dispatch:	1	23.83	

Received:

Weighmaster: Seward Plant

This is to certify that the material herein described meets the applicable contract specifications and requirements.

CUSTOMER COPY



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 William

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	Loads:	10
Received:	49.82	Received:	237.35
		Remaining:	262.65
Dispatch:	2	49.82	

Received:

Weighmaster: Seward Plant

This is to certify that the material herein described meets the applicable contract specifications and requirements.

CUSTOMER COPY



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 William

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	Loads:	11
Received:	73.81	Received:	261.34
		Remaining:	238.66
Dispatch:	3	73.81	

Received:

Weighmaster: Seward Plant

This is to certify that the material herein described meets the applicable contract specifications and requirements.

CUSTOMER COPY



Thank you for your business!

205578

Date: 10/07/2020 9:50:12 pm
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

Williamson Co. CR110


Received: 

This is to certify that the material herein described meets the applicable contract specifications and requirements. CUSTOMER COPY



Liberty Hill Plant

Thank you for your business!

205579

Date: 10/07/2020 11:57:02 pm
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

Williamson Co. CR110

Received: 

This is to certify that the material herein described meets the applicable contract specifications and requirements. CUSTOMER COPY

Picked Up

	Pounds	Tons
Gross	79960	39.98
Tare	30800	15.40
Net	49160	24.58

	Today	Order Totals
Loads:	4	12
Received:	98.39	285.92
Remaining:		214.08

Dispatch: 4 98.39 Weighmaster: Seward Plant

Picked Up

	Pounds	Tons
Gross	79600	39.80
Tare	27740	13.87
Net	51860	25.93

	Today	Order Totals
Loads:	5	13
Received:	124.32	311.85
Remaining:		188.15

Dispatch: 5 124.32 Weighmaster: Seward Plant

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 MO	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 6009	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-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	1500	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

- △ DITCH AND DRIVEWAY REVISIONS
- △ DITCH, RIPRAP, AND DRIVEWAY PIPE REVISIONS
- △ 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

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) (B1)	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 1 (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

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

* 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	4	1
CR110/LIMMER LOOP		7	4	1	930	1062	1039	1392	2	2	0	0	4	1	4	1
TOTAL	4	17	6	1	1615	1782	2044	1392	2	2	0	0	5	1	4	2

⚠ ADJUSTED SIGNAL FOUNDATION QTY
⚠ ADDITIONAL ILSN
⚠ DITCH AND DRIVEWAY REVISIONS

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) (60)	ILSN (LED) (80)	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

Kimley»Horn F-928

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CR 110 (MIDDLE SECTION)

QUANTITY SUMMARIES

SHEET 2 OF 3

DES: ASH
CK: TAN
WILLIAMSON COUNTY
JOB NO.
SHEET NO.
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											
SHEET 1 OF 10					182				2		
SHEET 2 OF 10				532						1	1
SHEET 3 OF 10	286									2	
SHEET 4 OF 10			888						1	1	
SHEET 5 OF 10			292					1		1	
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							417 718				
PROJECT TOTAL	286	278	1180	532	182	243		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 I) (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") SY	0161 WC001 EROSION CONTROL COMPOST (3")	0162 WC103 MULCH TOPDRESSING (5")	0164 WC04 SEEDING FOR EROSION CONTROL (TEMP) (COOL) (TY 4) SY	0164 WC05 SEEDING FOR EROSION CONTROL (PERM) (WARM) (TY 5) SY	0164 WC10 SEEDING FOR EROSION CONTROL (TEMP) (WARM) (TY 10) SY	0166 6002* FERTILIZER TON	0168 WC01 VEGETATIVE WATERING MG	0169 6001 SOIL RETENTION BLANKETS (CL 1) (TY A) SY	0432 6001 RIPRAP CONC (4 IN) 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) CY	0432 6017 RIPRAP (STONE TY R) (DRY) (18 IN) CY	0506 6001 ROCK FILTER DAMS (INSTALL) (TY 1) LF	0506 6011 ROCK FILTER DAMS (REMOVE) (TY 1) LF	0506 6020 CONST EXIT (INSTALL) (TY 1) SY 500	0506 6024 CONST EXIT (REMOVE) (TY 1) SY 500	0506 WC105A BIODEG EROSN CONT LOGS (INSTL) (12") LF	0506 WC105B BIODEG EROSN CONT LOGS (REMOVE) (TY 1) LF	730 6002 FULL WIDTH MOWING AC
EROSION CONTROL									
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	224	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 6 OF 6									
PROJECT TOTAL	474	1179	1090	1090	500	500	540	540	22.55

△ DITCH REVISIONS

△ 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

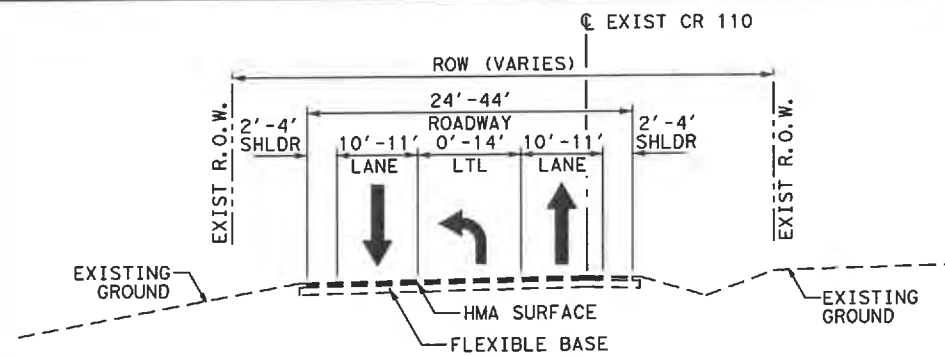
DES: MRJ

CK: JDM

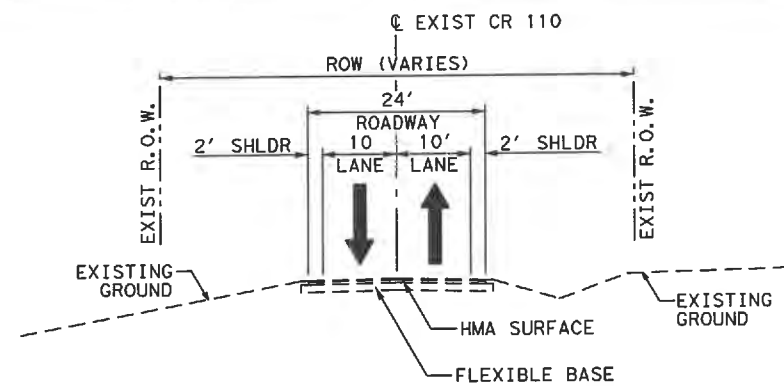
WILLIAMSON COUNTY
JOB NO.

SHEET NO.

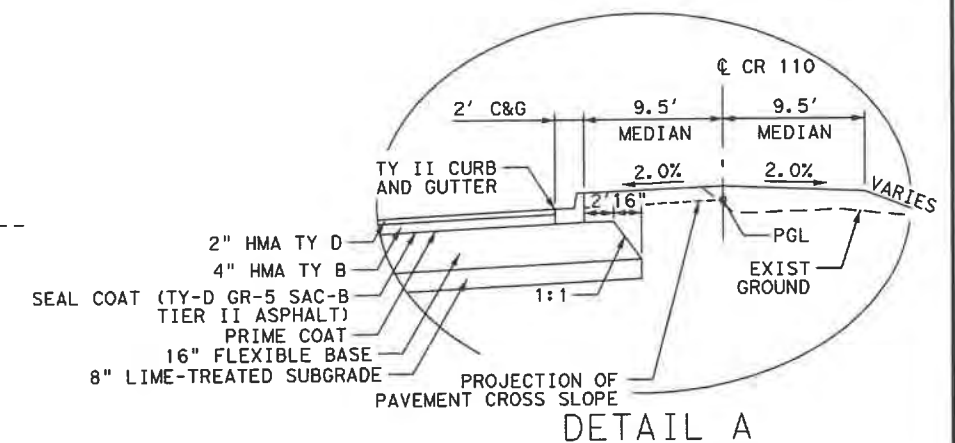
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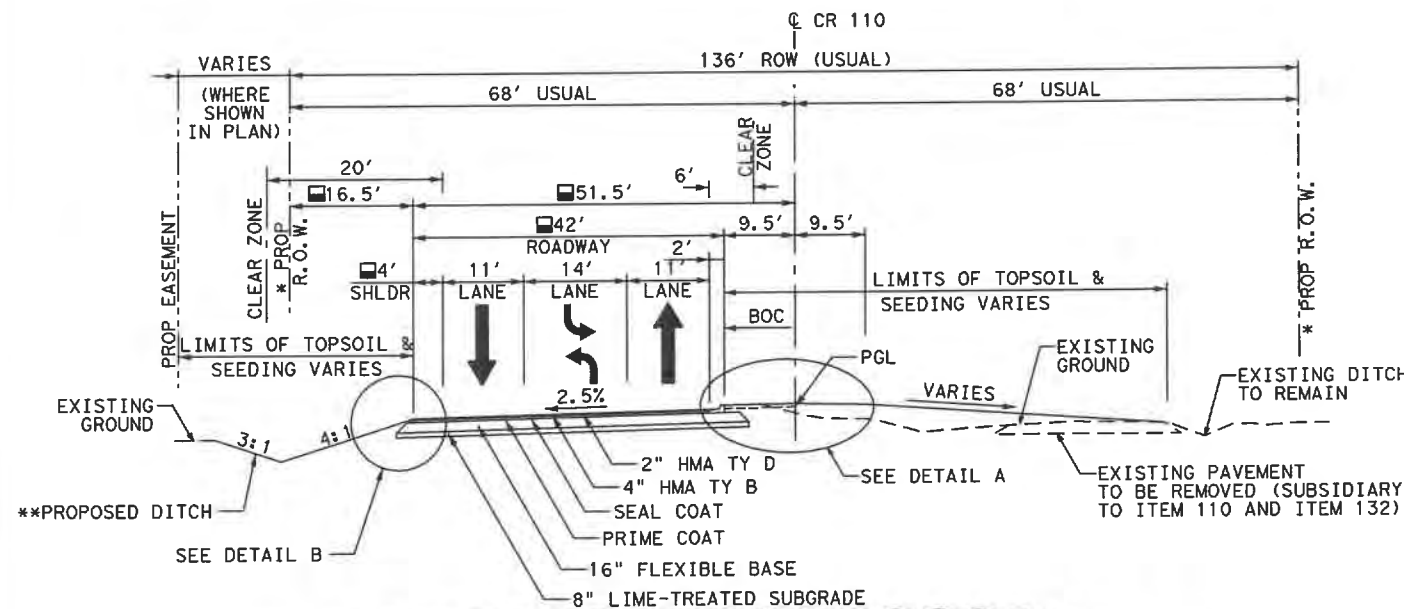
EXISTING CR 110 TYPICAL SECTION
 STA 207+34.71 TO STA 211+42.12



EXISTING CR 110 TYPICAL SECTION
 STA 211+42.12 TO STA 323+50
 NTS

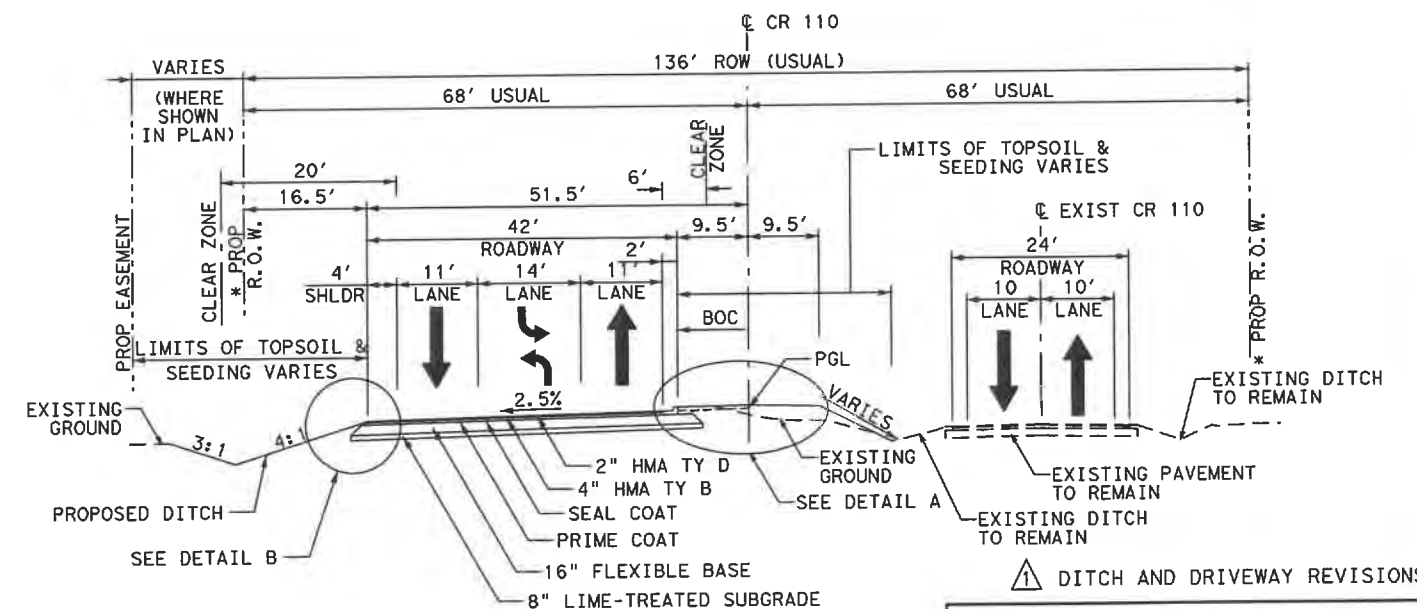


DETAIL A



PROPOSED CR 110 TYPICAL SECTION

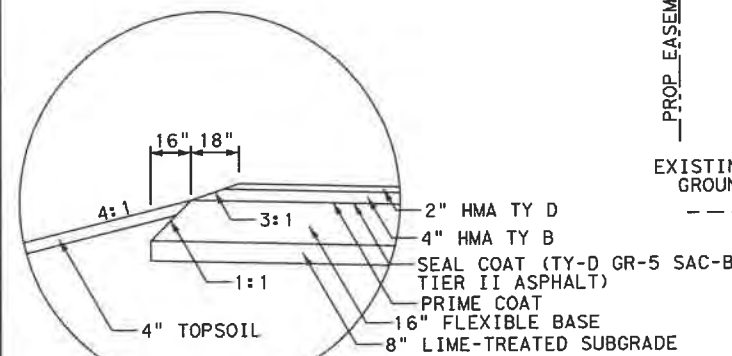
STA 214+00.00 TO STA 277+40.00
 STA 285+45.00 TO STA 290+66.36
 STA 296+81.82 TO STA 305+90.00
 USE HMA TY B BASE ADJACENT TO CR 112, REFER TO TRAFFIC CONTROL PLAN PHASE 2 FOR DETAILS
 **4" CONCRETE RIPRAP LINED DITCH FROM STA 212+00.00 TO STA 212+70.00
 AND FROM STA 216+16.00 TO STA 234+23.59
 **8' 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.



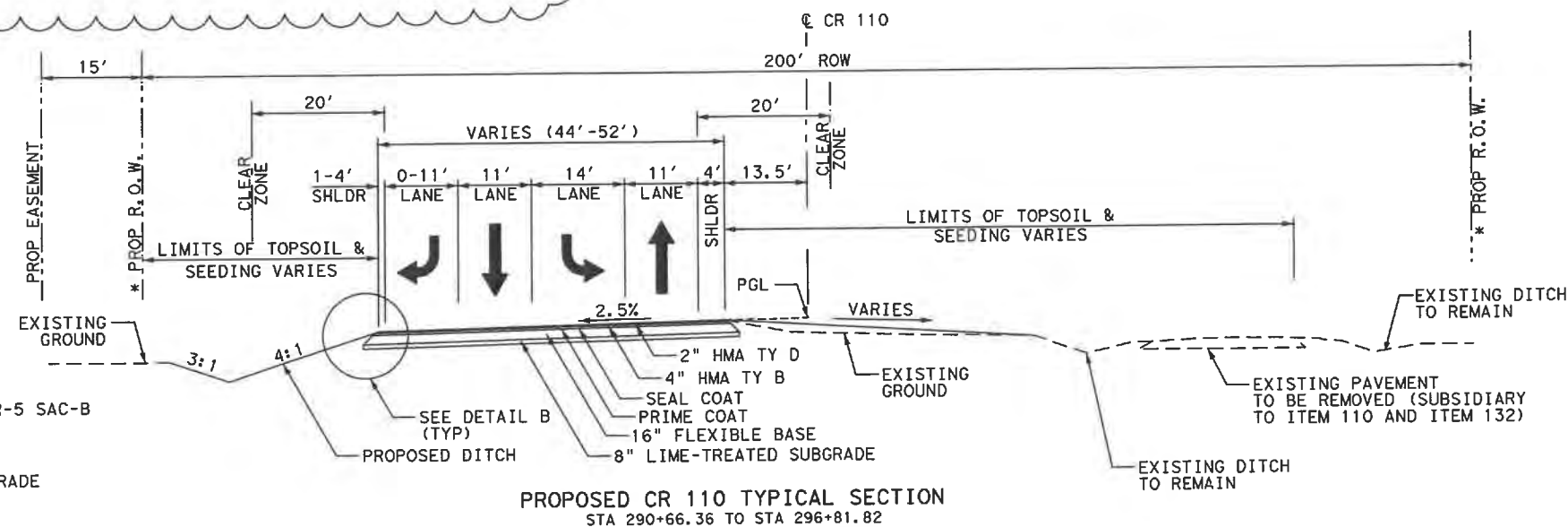
PROPOSED CR 110 TYPICAL SECTION

STA 277+40.00 TO STA 285+45.00
 STA 305+90.00 TO STA 317+19.49

⚠ DITCH AND DRIVEWAY REVISIONS



DETAIL B



PROPOSED CR 110 TYPICAL SECTION
 STA 290+66.36 TO STA 296+81.82

* SEE PLAN AND PROFILE SHEET
 FOR PROPOSED FENCE LOCATIONS



05/26/2020

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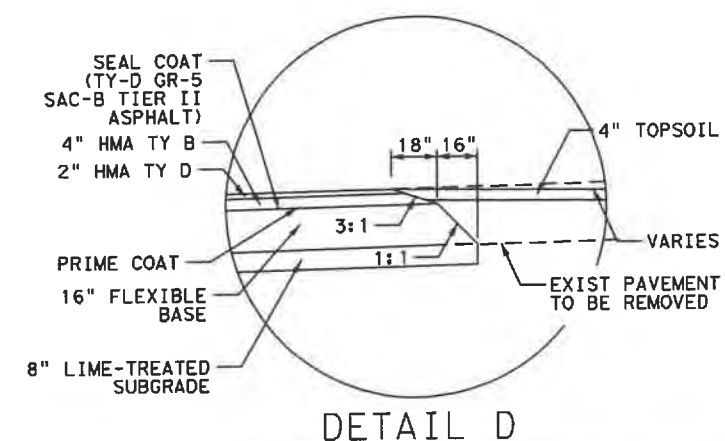
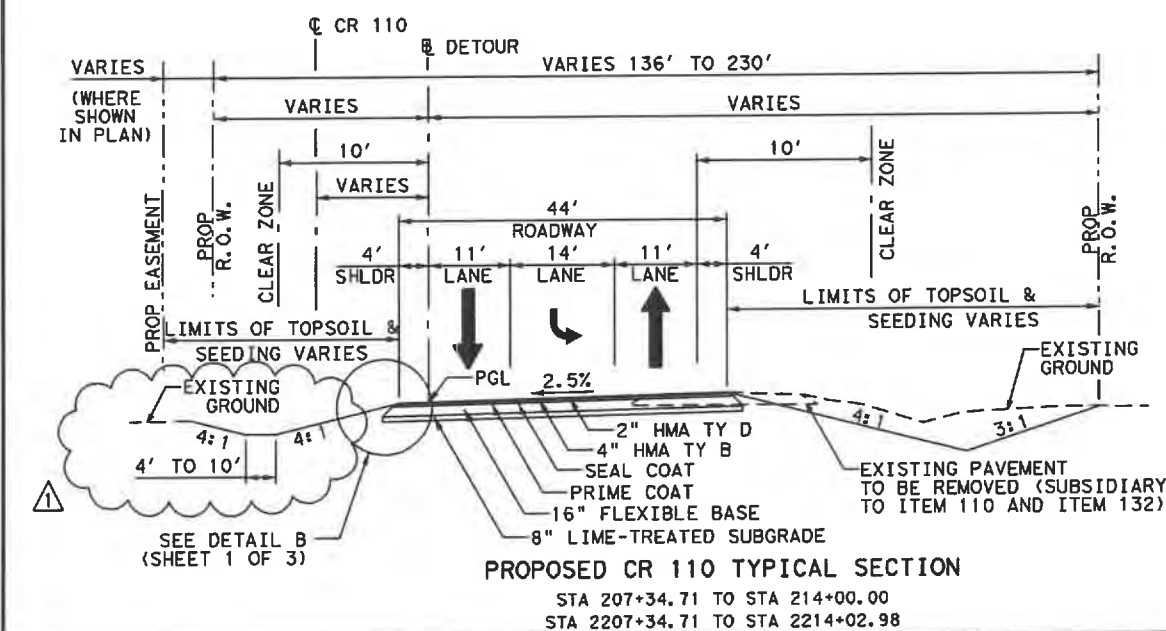
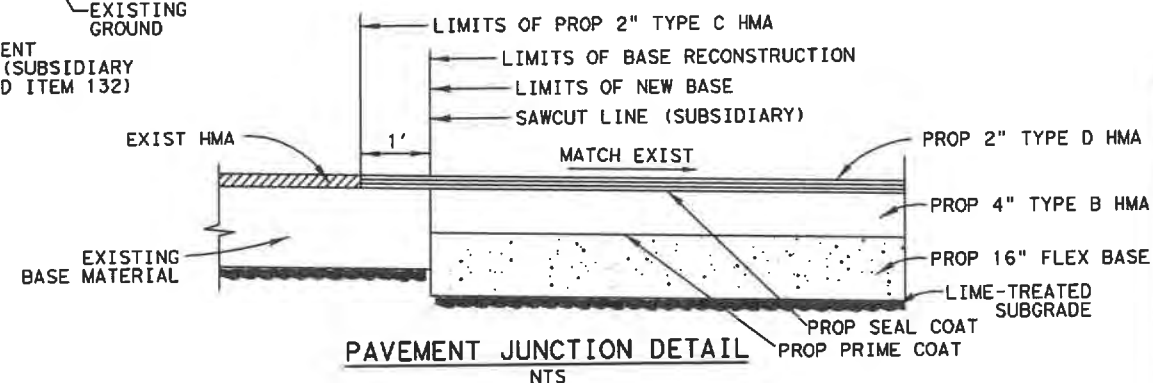
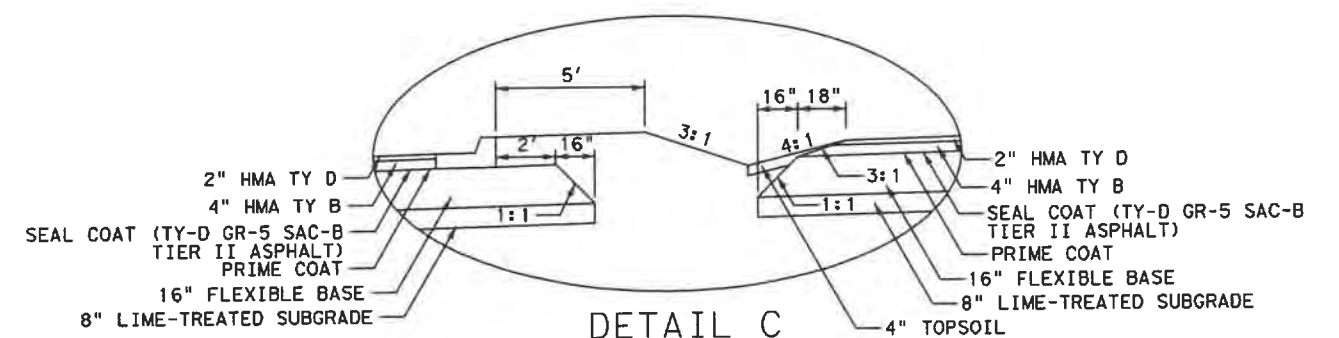
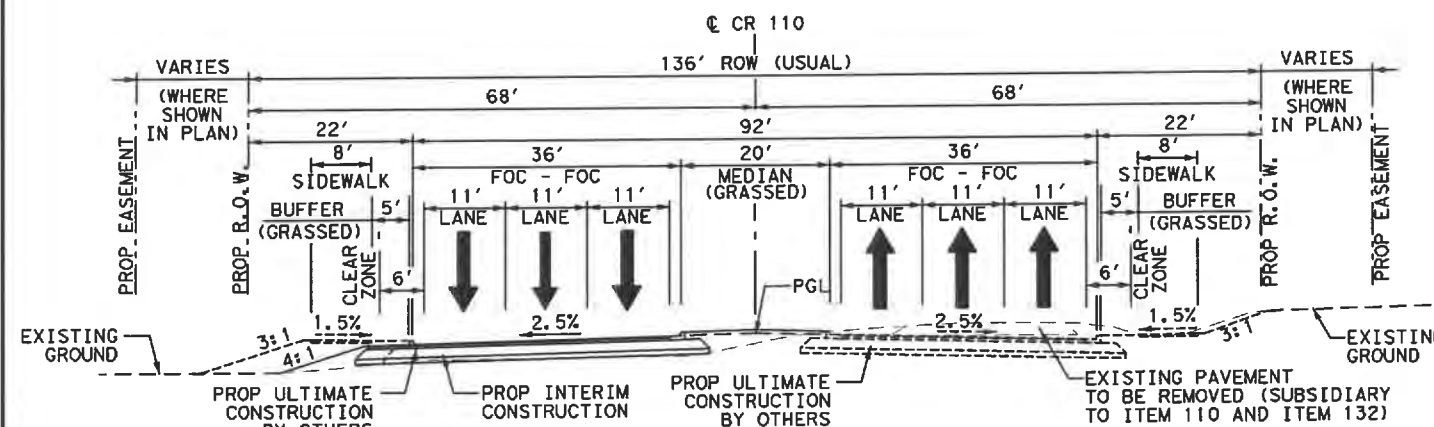
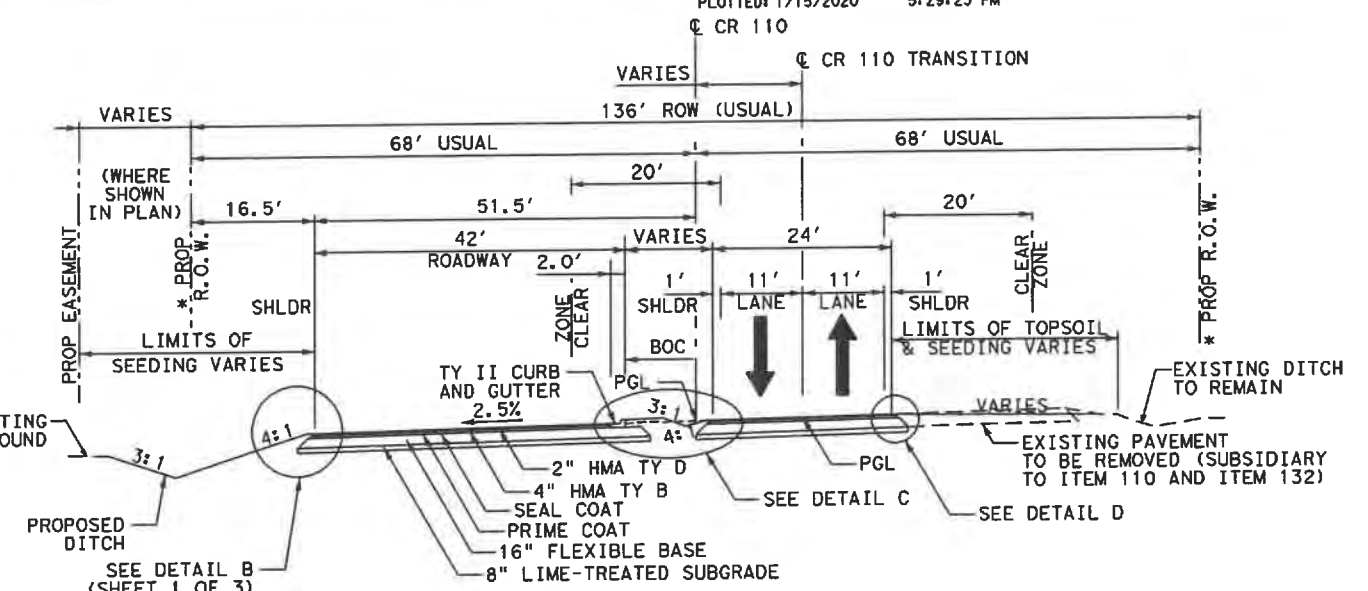
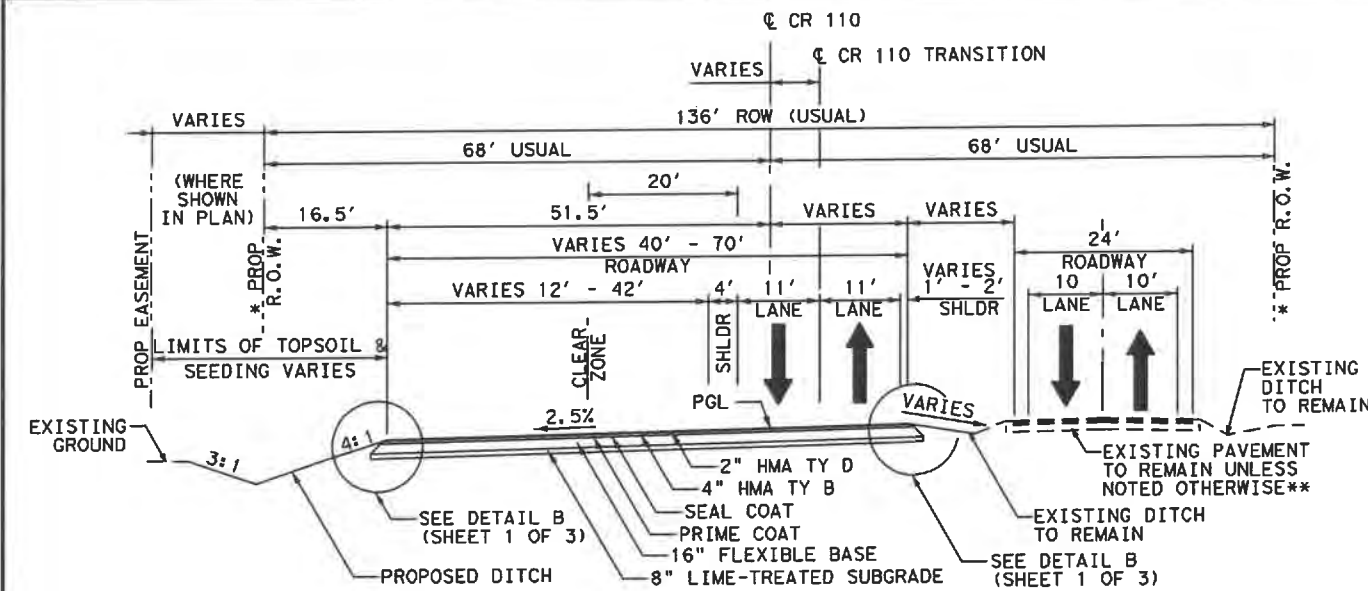
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CR 110 (MIDDLE SECTION)

TYPICAL SECTIONS

SHEET 1 OF 3


DES: RWL	WILLIAMSON COUNTY JOB NO.	SHEET NO. 12
CK: TAN		



* SEE PLAN AND PROFILE SHEET
FOR PROPOSED FENCE LOCATIONS

1 DITCH AND DRIVEWAY REVISIONS

1 DITCH AND DRIVEWAY REVISIONS



Kimley»»Horn F-92

W
WILLIAMSON © 2020 WILLIAMSON COUNTY




CR 110 (MIDDLE SECTION)

TYPICAL SECTIONS

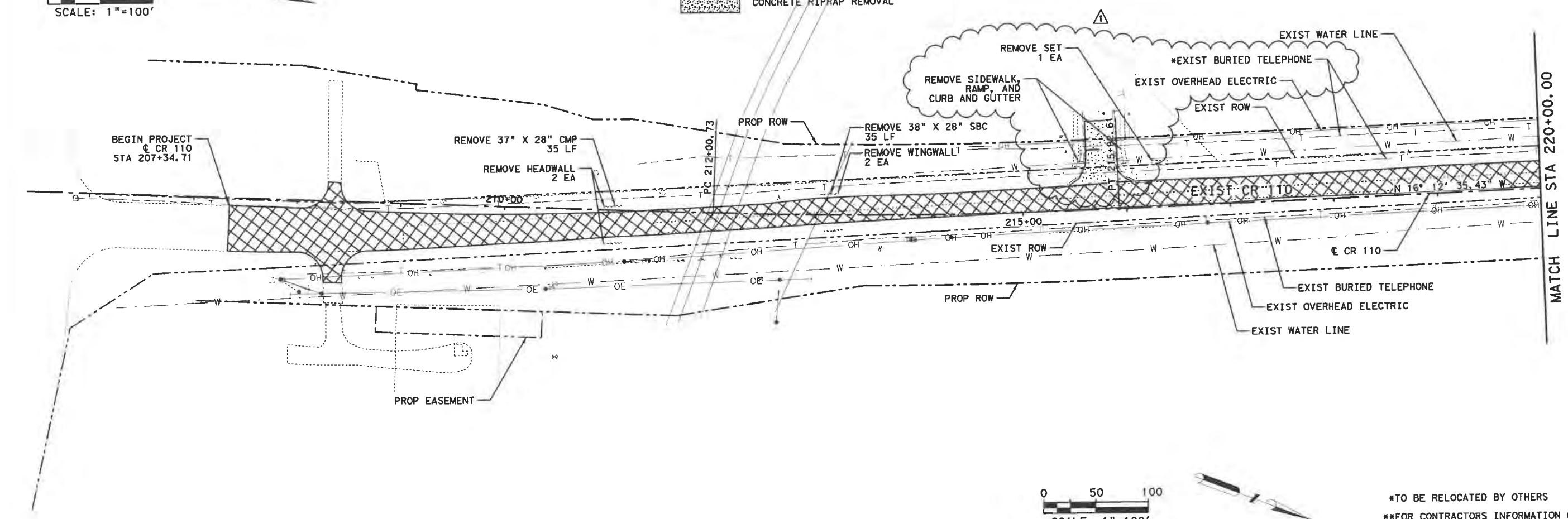
SHEET 2 OF 3

DES: ASH	WILLIAMSON COUNTY JOB NO.	SHEET NO.
CK: TAN		13

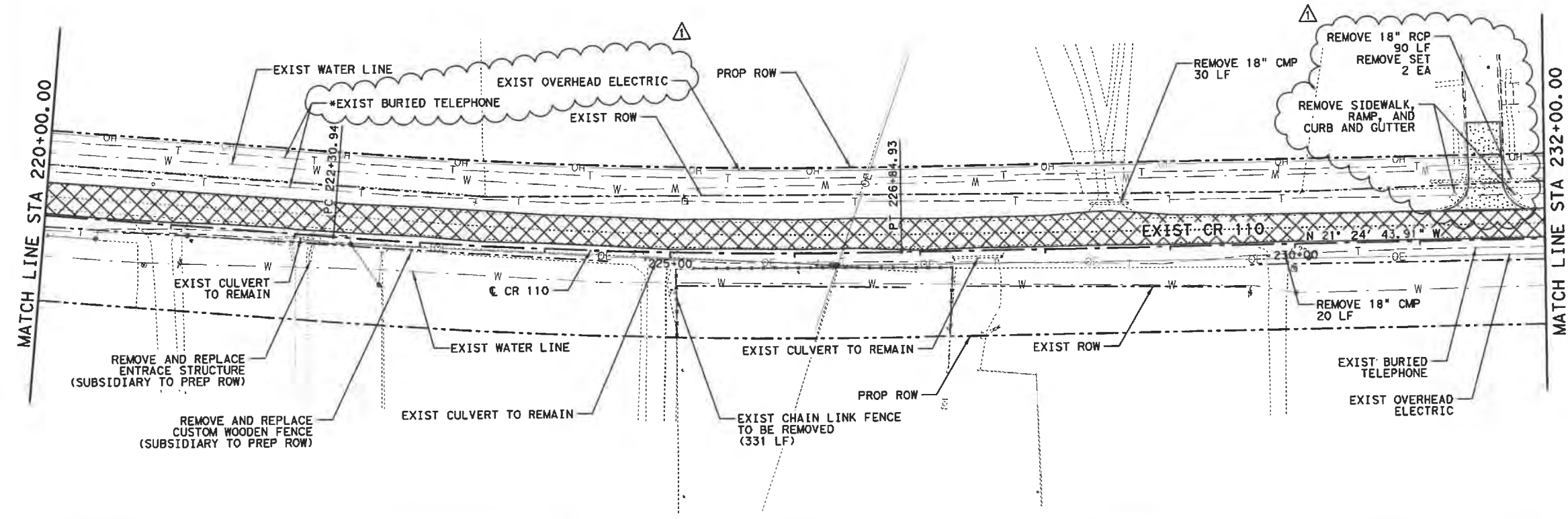
LEGEND

-  **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
▲ DITCH AND DRIVEWAY REVISIONS



1/15/2020

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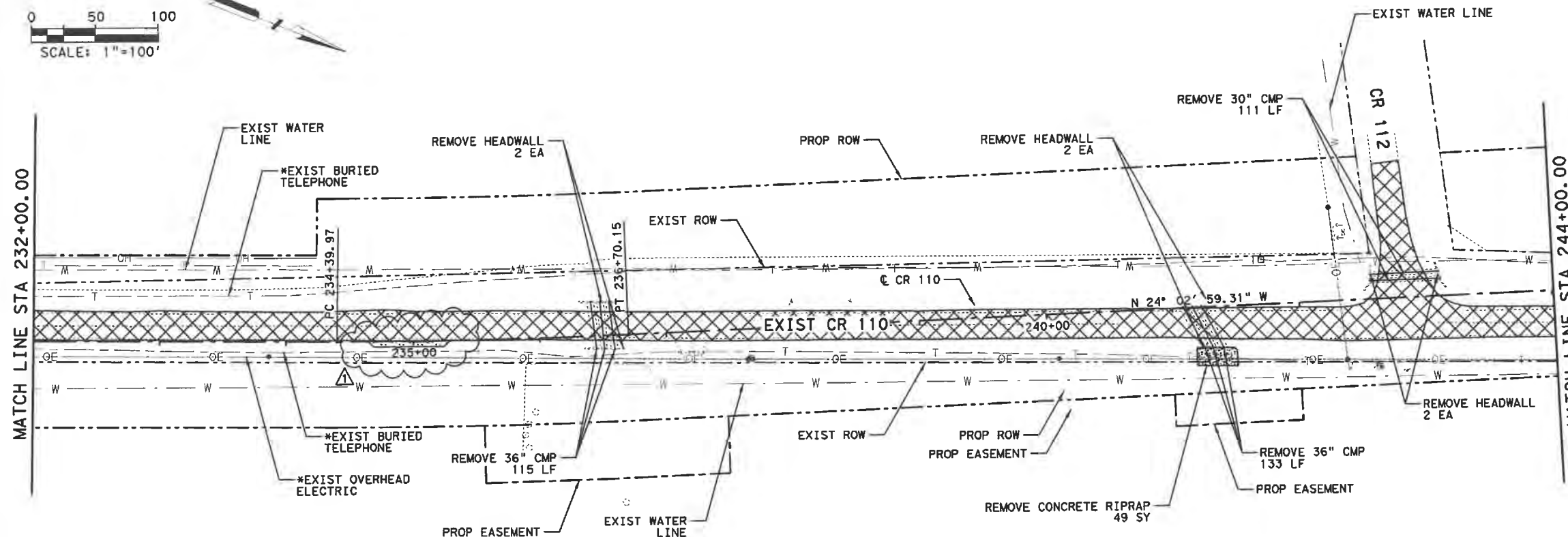
© 2020 WILLIAMSON COUNTY

CR 110 (MIDDLE SECTION)
REMOVAL LAYOUT

SHEET 1 OF 6

DES: ASH	WILLIAMSON COUNTY JOB NO.	SHEET NO.
CK: TAN		62

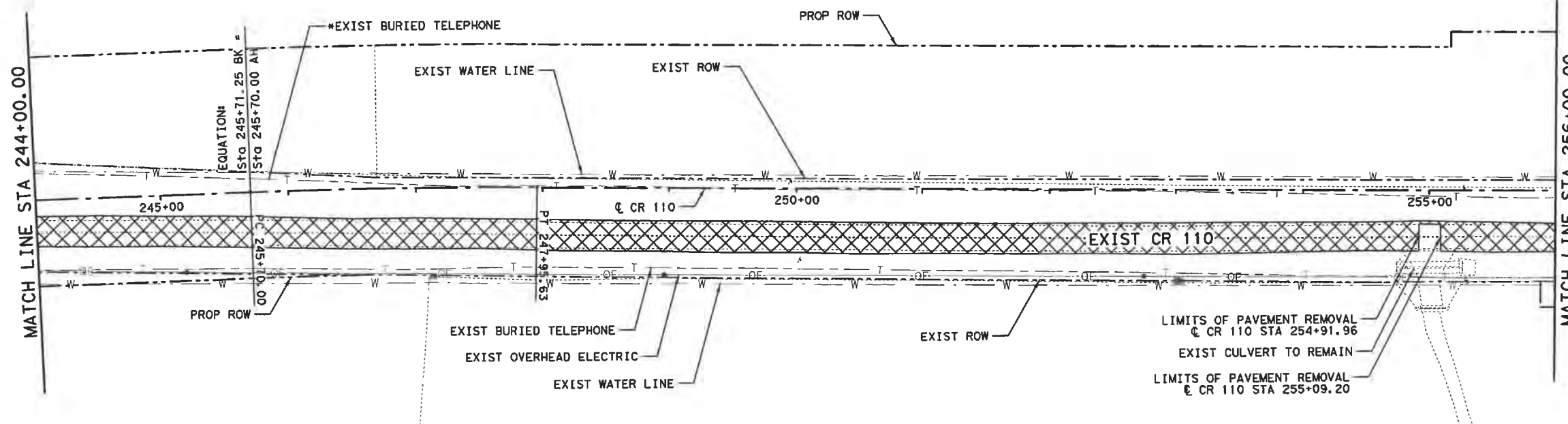
0 50 100
 SCALE: 1"=100'



- LEGEND**
- **OBLITERATE AND ABANDON ROADWAY
 - ASPHALT DRIVEWAY REMOVAL
 - CONCRETE RIPRAP REMOVAL

0 50 100
 SCALE: 1"=100'

- *TO BE RELOCATED BY OTHERS
- **FOR CONTRACTORS INFORMATION ONLY
- DITCH AND DRIVEWAY REVISIONS



1/15/2020

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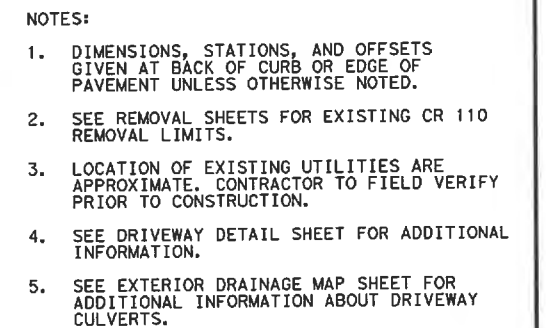
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CR 110 (MIDDLE SECTION)

REMOVAL LAYOUT

SHEET 2 OF 6

DES: ASH	WILLIAMSON COUNTY JOB NO.	SHEET NO.
CK: TAN		63



2 DITCH, RIPRAP, & DRIVEWAY PIPE REVISIONS



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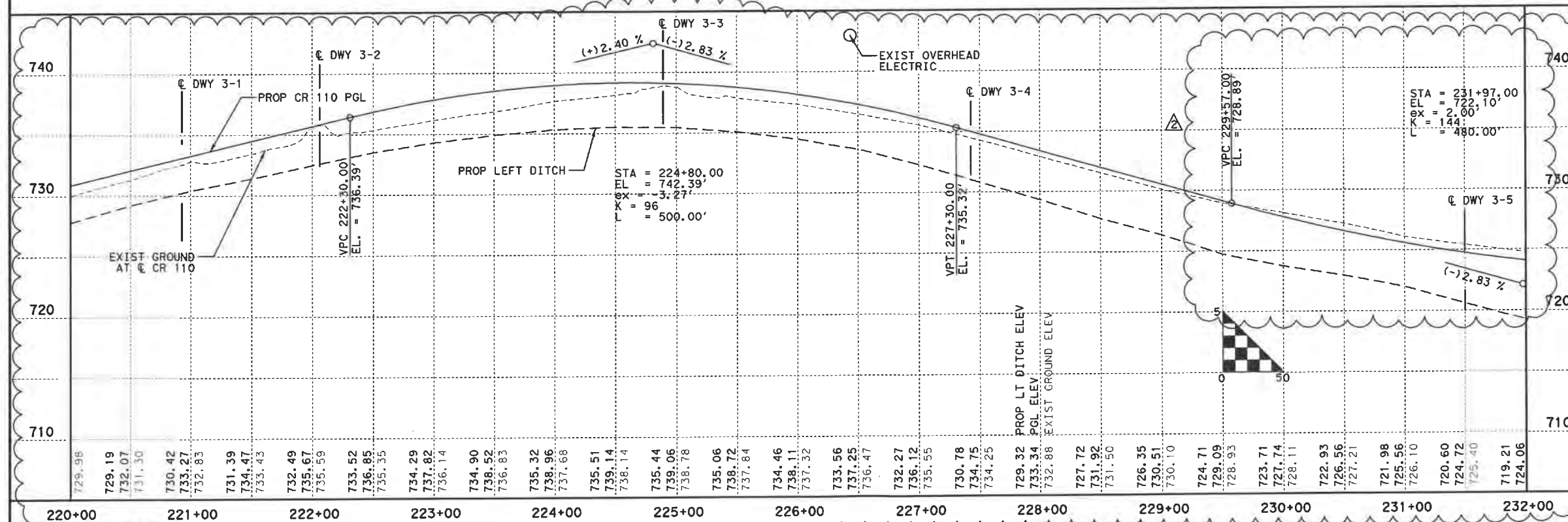
CR 110 (MIDDLE SECTION)

PLAN AND PROFILE

SHEET 2 OF 13

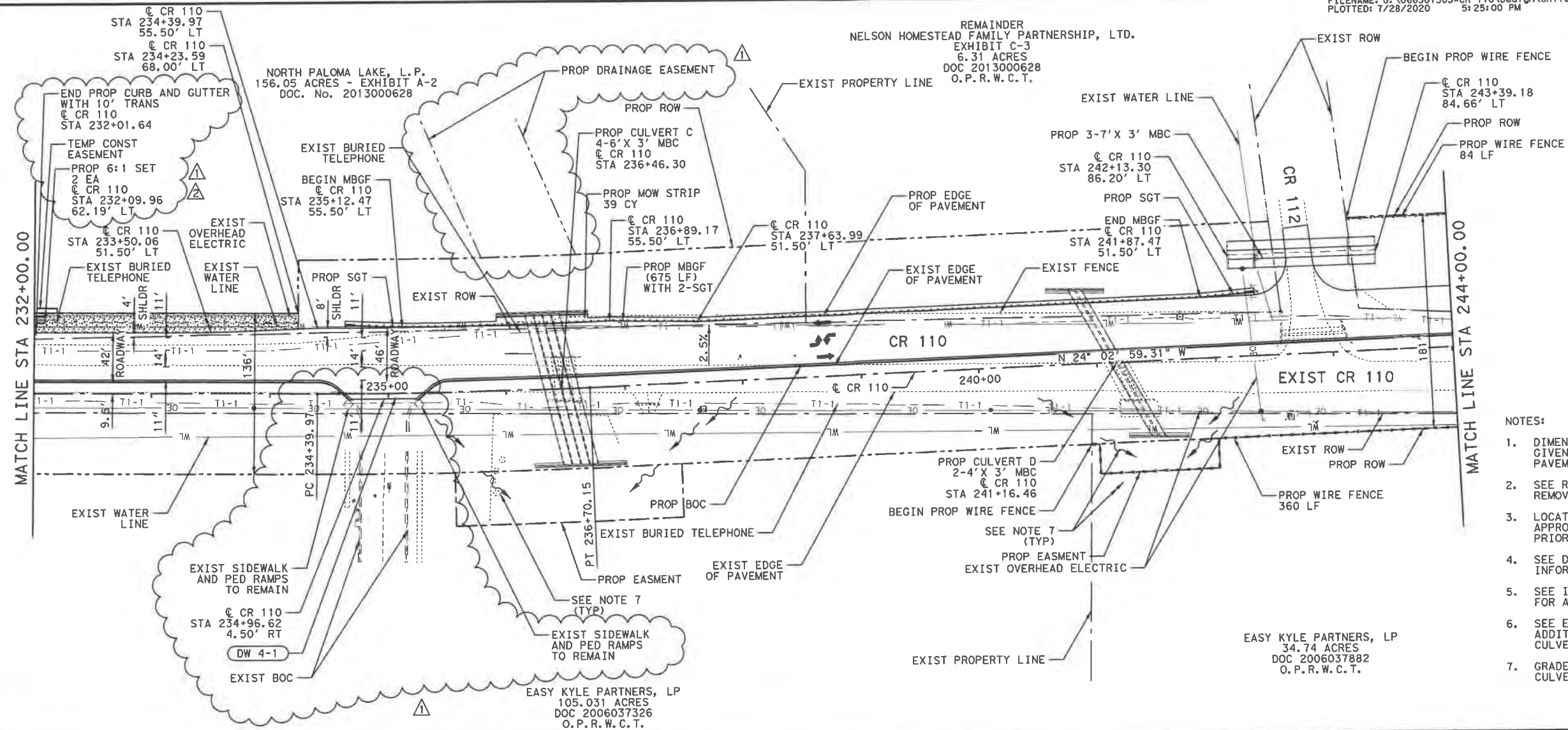
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CK: TAN		67

- 1 DITCH AND DRIVEWAY REVISIONS
2 PROFILE AND DRIVEWAY REVISIONS



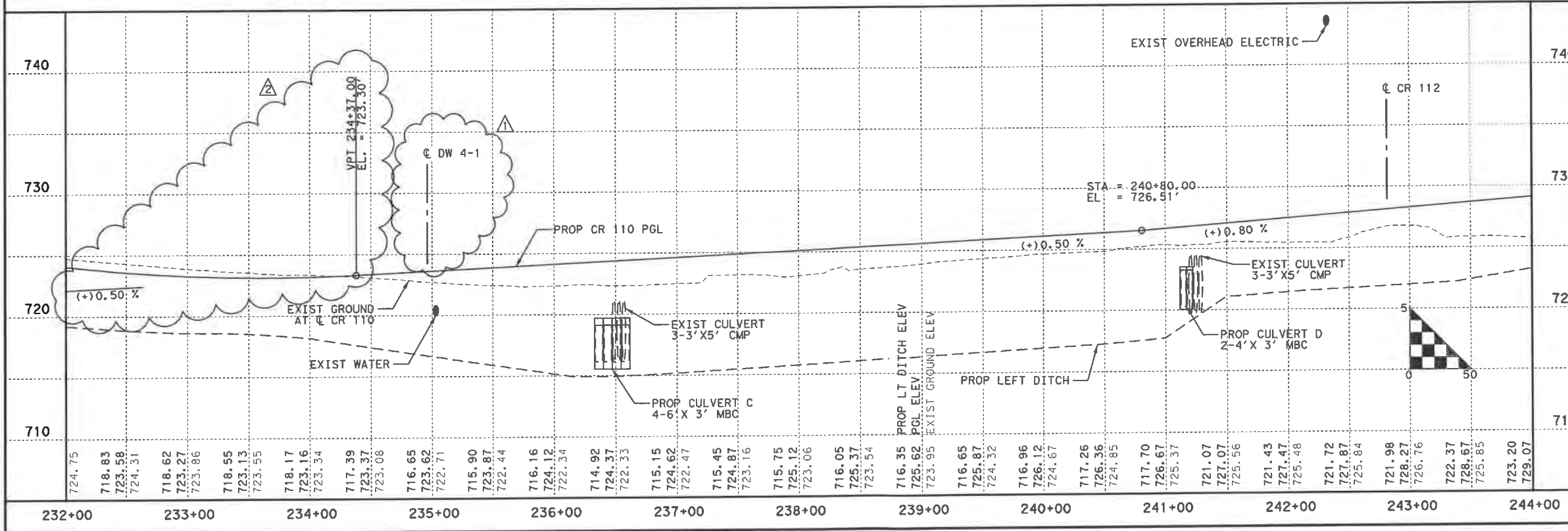
Kimley»Horn

DES: RWL	WILLIAMSON COUNTY JOB NO.	SHEET NO.
CK: TAN		68



- 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.

△ DITCH AND DRIVEWAY REVISIONS
 ▽ PROFILE AND DRIVEWAY REVISIONS



07/28/2020

Kimley»Horn

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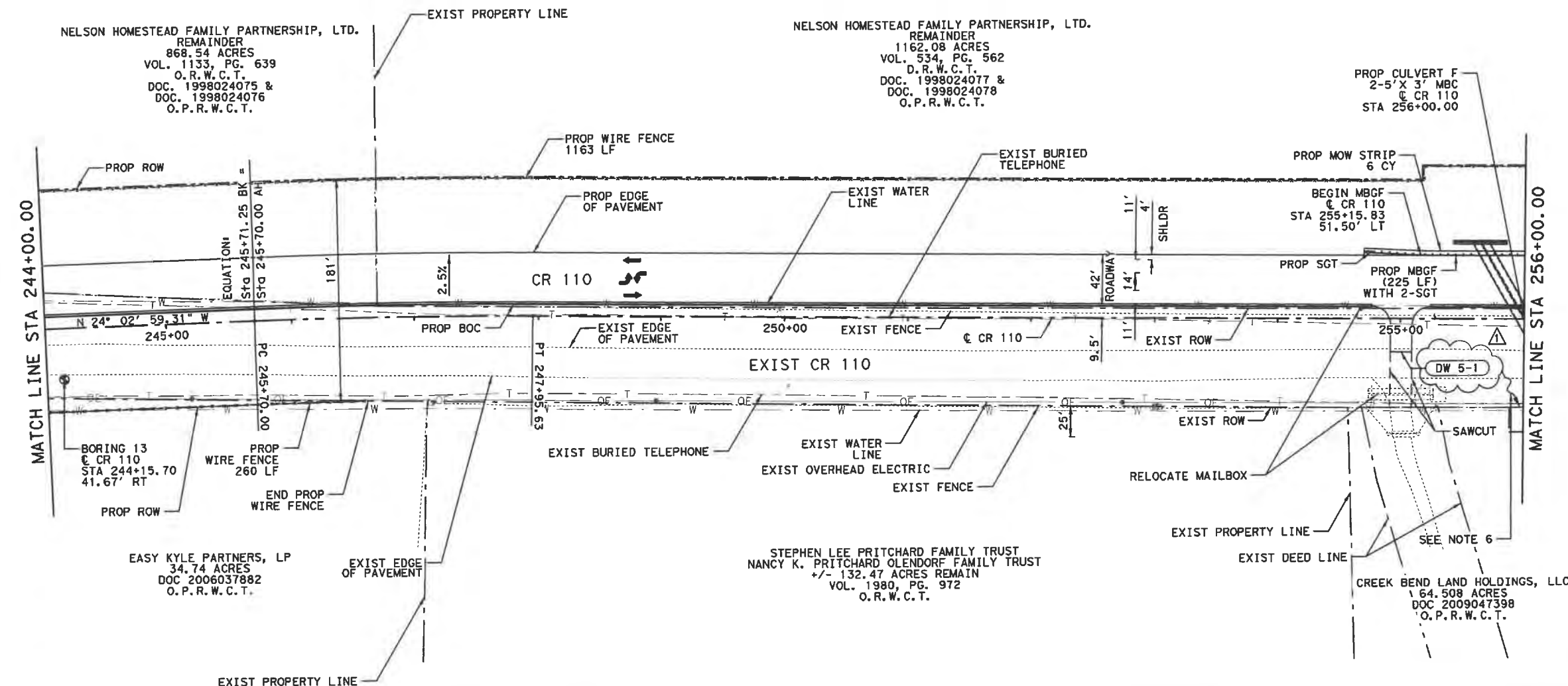
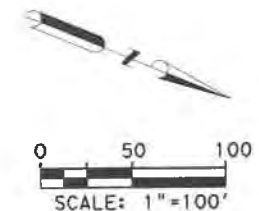
CR 110 (MIDDLE SECTION)

PLAN AND PROFILE

CR 110 STA 232+00 TO
 CR 110 STA 244+00

SHEET 4 OF 13

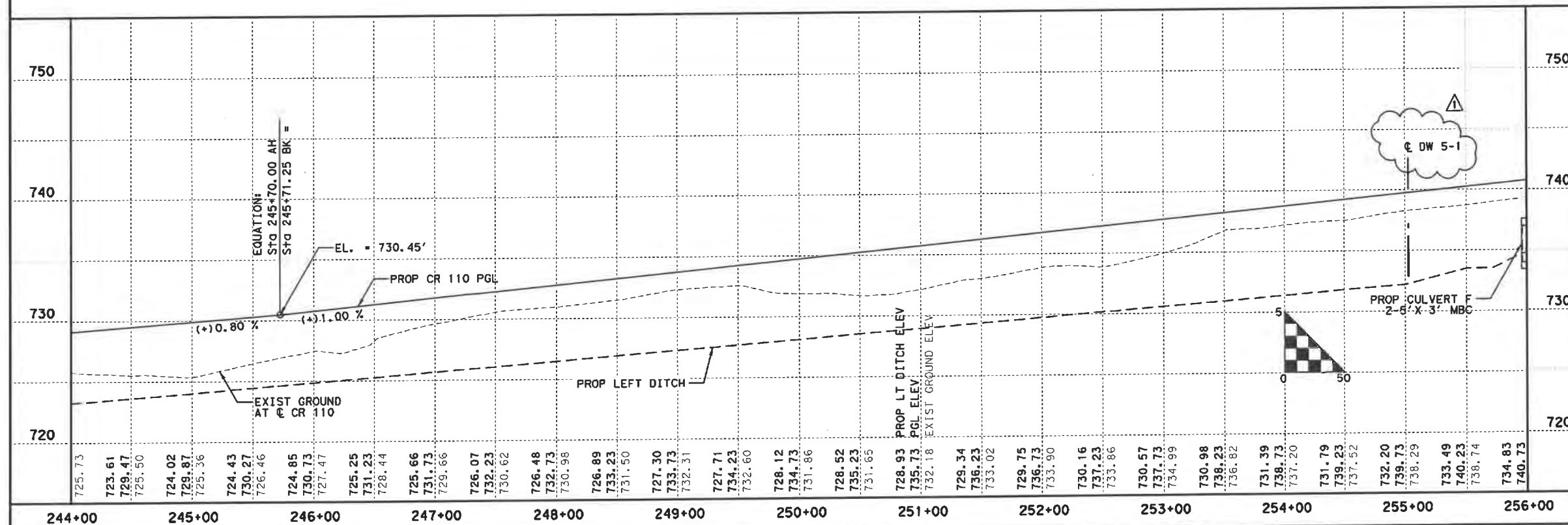
DES: RWL	WILLIAMSON COUNTY JOB NO.	SHEET NO.
CK: TAN		69



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



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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

DES: ASH

CK: TAN

WILLIAMSON COUNTY
 JOB NO.

SHEET NO.

70

DOC. 1998024078
O. P. R. W. C. T.

MATCH LINE STA 256+00.00

PROPOSED CULVERT F
2-5' X 3' MBC
CR 110
STA 256+00.00

PROPOSED MOW STRIP
9 CY

PROPOSED MBGF
(225 LF)
WITH 2-SGT

PROPOSED SGT

END MBGF
CR 110
STA 257+40.83
51.50' LT

PROPOSED EDGE OF PAVEMENT

PROPOSED WIRE FENCE
1242 LF

EXIST OVERHEAD UTILITY

PROPOSED EASEMENT

PROPOSED ROW

EXIST WATER LINE

CR 110

EXIST CR 110

EXIST EDGE OF PAVEMENT

EXIST CR 110

EXIST OVERHEAD ELECTRIC

EXIST BURIED TELEPHONE

EXIST WATER LINE

EXIST EDGE OF PAVEMENT

EXIST DEED LINE

EXIST PROPERTY LINE

EXIST ROW

EXIST FENCE TO REMAIN

SAWCUT

BORING 14
CR 110
STA 257+37.10
53.50' RT

SEE NOTE 6

PROPOSED EASEMENT

CREEK BEND LAND HOLDINGS, LLC
64.508 ACRES
DOC 2009047398
O. P. R. W. C. T.

STEPHEN LEE PRITCHARD
FAMILY TRUST
NANCY K. PRITCHARD OLENDORF
FAMILY TRUST
+/- 132.47 ACRES REMAIN
VOL. 1980, PG. 972
O. R. W. C. T.

MATCH LINE STA 268+00.00

1. DIMENSIONS, STATIONS, AND OFFSETS GIVEN AT BACK OF CURB OR EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
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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.

EXIST OVERHEAD ELECTRIC

EXIST GROUND AT & CR 110

PROP CR 110 PGL

PROP LEFT DITCH

PROP CULVERT F
2-5' X 3' MBC

EXIST GROUND AT & CR 110

PROP LT DITCH ELEV
PGL ELEV
EXIST GROUND ELEV

STA = 259+76.00
EL = 744.48'
ex = 0.58'
K = 87
L = 200.00'

VPC 258+76.00
EL = 743.48'

VPI 260+76.00
EL = 747.78'

VPT 262+76.00
EL = 751.87'

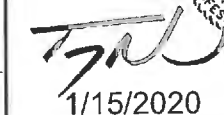
PROF. VIEW

256+00 257+00 258+00 259+00 260+00 261+00 262+00 263+00 264+00 265+00 266+00 267+00 268+00

730 740 750 760 770

730 740 750 760 770

739.35 737.12 741.23 739.57 737.57 741.72 739.87 738.20 742.22 739.12 738.67 742.12 740.32 739.12 743.22 740.96 739.88 743.76 741.88 740.86 744.54 743.30 741.96 745.61 745.52 743.36 746.96 747.12 744.91 748.57 748.57 746.50 750.22 749.78 747.79 751.87 750.99 749.44 753.52 752.37 751.09 755.17 753.74 752.73 756.82 755.52 754.38 758.47 757.11 756.03 760.12 758.63 757.67 761.77 760.43 759.32 763.42 762.41 760.97 765.07 764.11 762.61 766.12 765.85 764.26 768.37 767.56 765.91 770.02 769.29 767.55 771.67



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CR 110 (MIDDLE SECTION)

PLAN AND PROFILE

CR 110 STA 256+00 TO
CR 110 STA 268+00

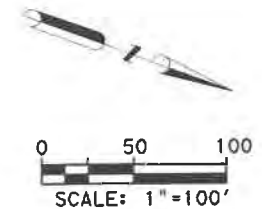
SHEET 6 OF 10

CK: TAN

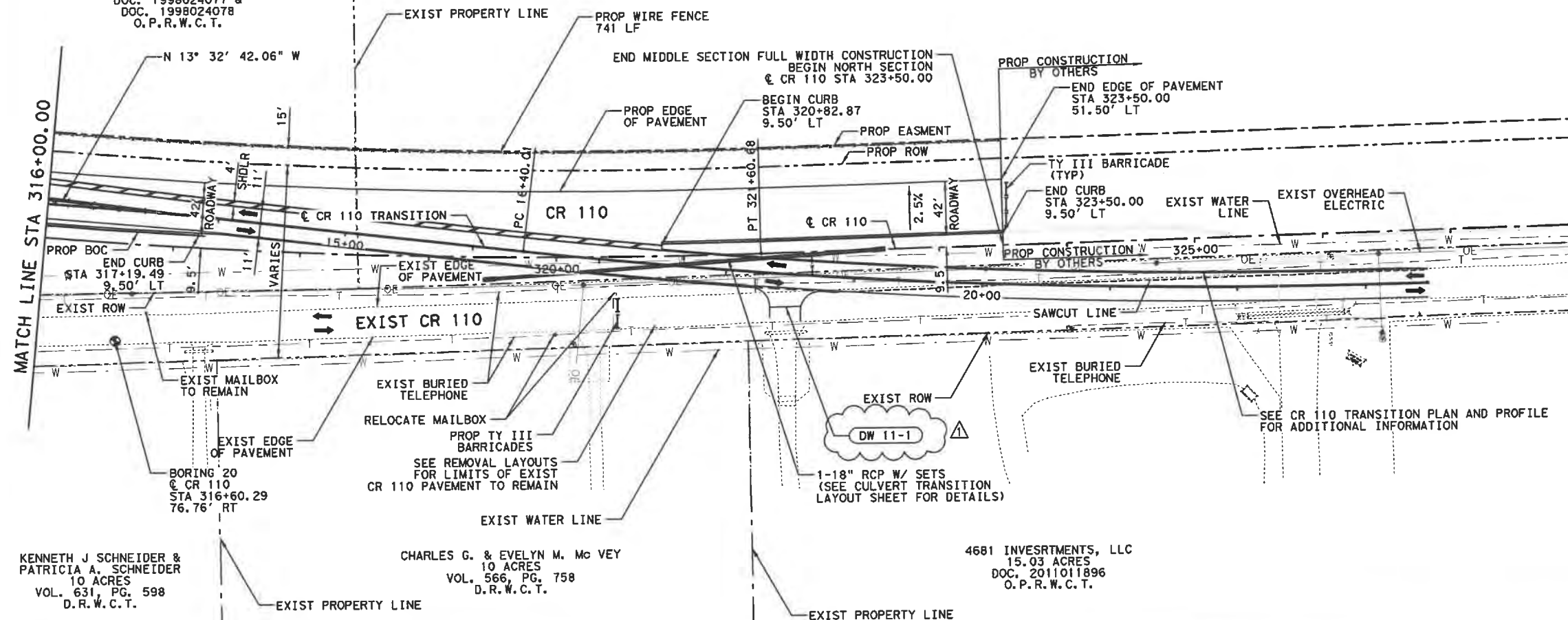
WILLIAMSON COUNTY
JOB NO.

SHEET NO.

71



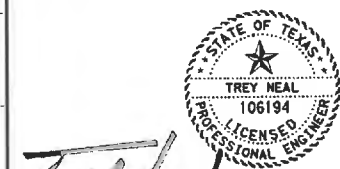
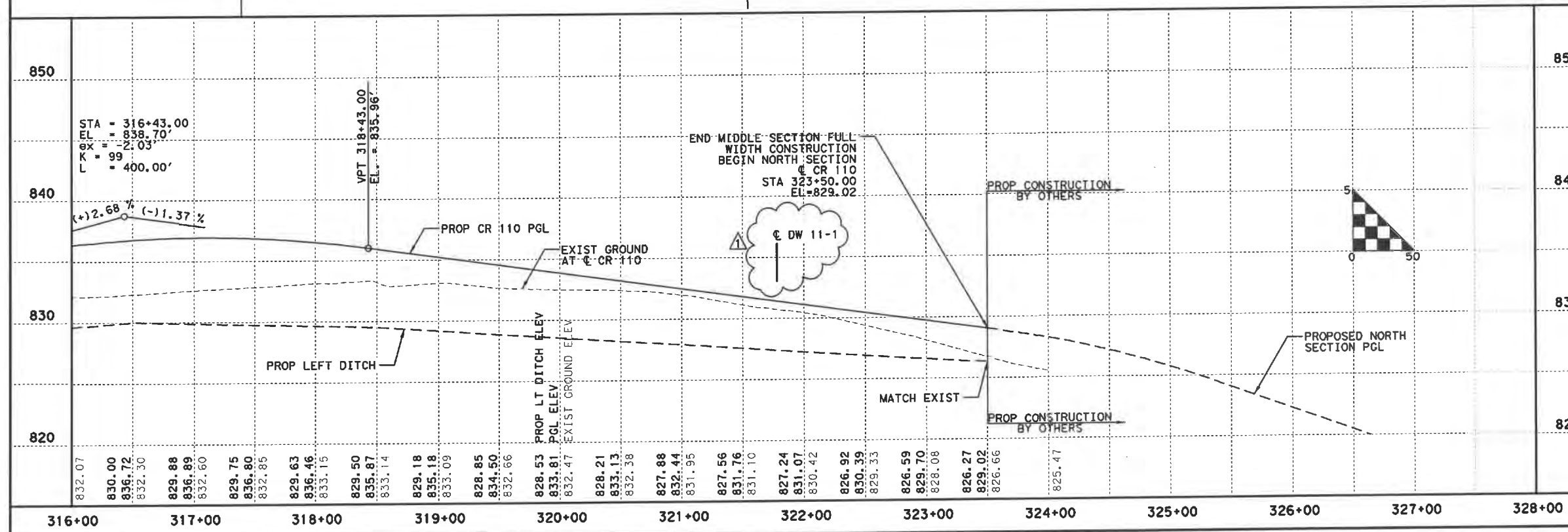
NELSON HOMESTEAD FAMILY PARTNERSHIP, LTD.
 REMAINDER
 1162.08 ACRES
 VOL. 534, PG. 562
 D.R.W.C.T.
 DOC. 1998024077 &
 DOC. 1998024078
 O.P.R.W.C.T.



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



1/15/2020

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CR 110 (MIDDLE SECTION)

PLAN AND PROFILE

CR 110 STA 316+00 TO
 END PROJECT

SHEET 11 OF 13

DES: ASH

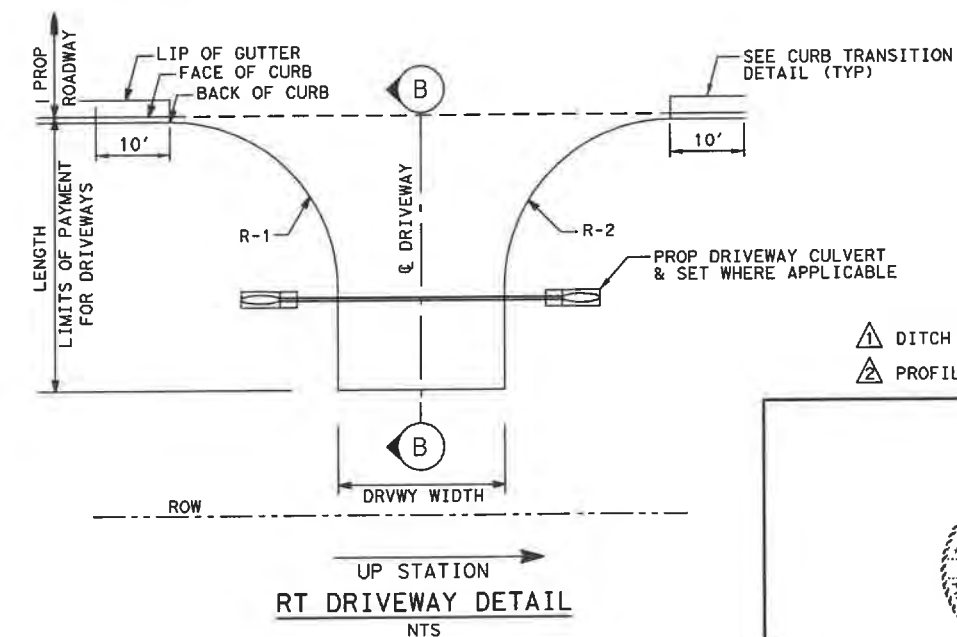
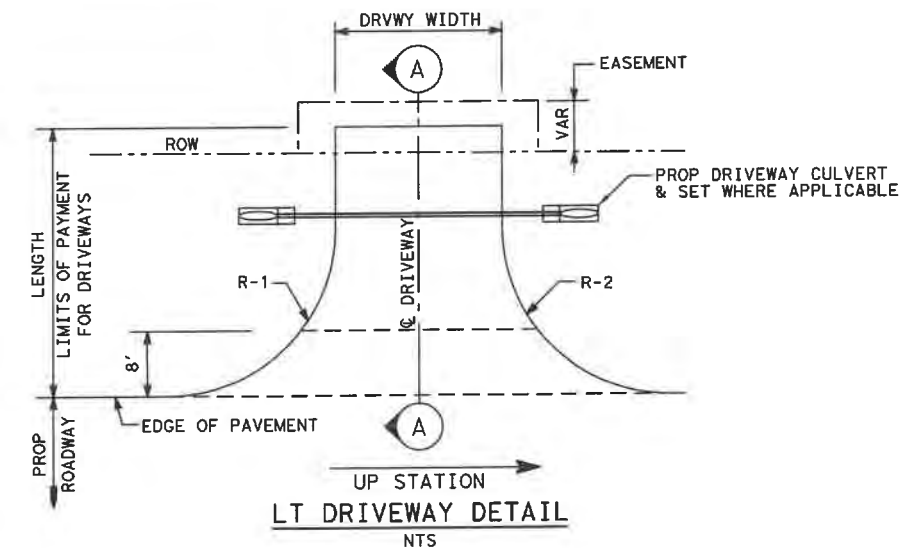
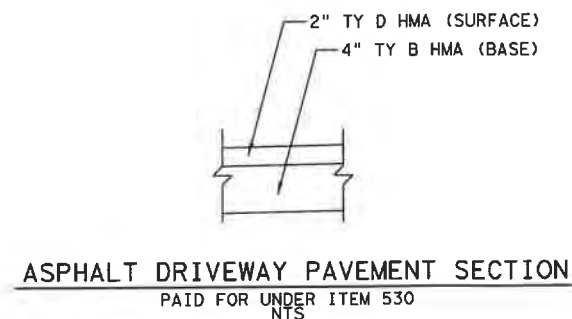
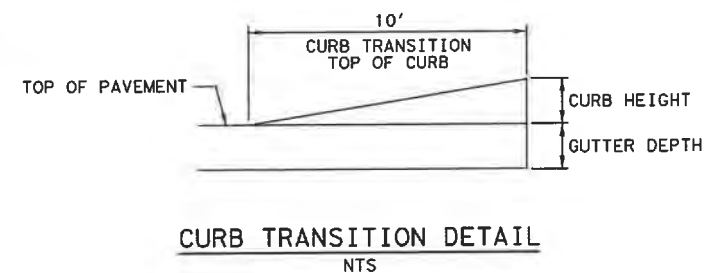
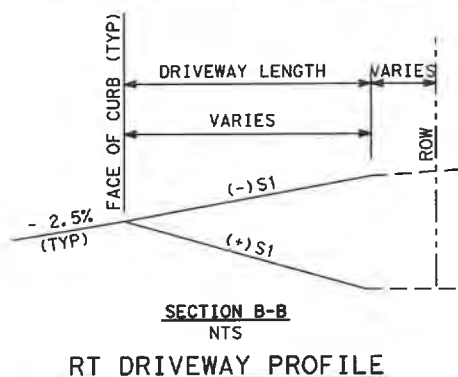
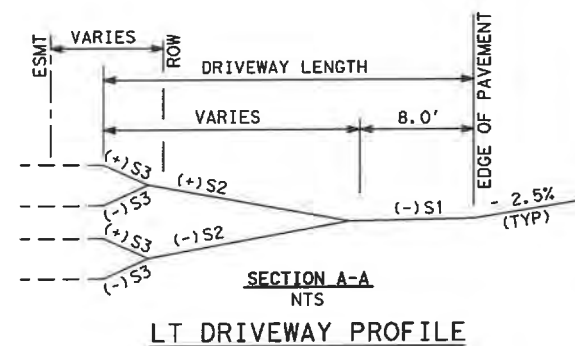
CK: TAN

WILLIAMSON COUNTY
 JOB NO.

SHEET NO.

76

PLAN AND PROFILE SHEET	DRIVEWAY NUMBER	STATION	LEFT OR RIGHT	PROP WIDTH (FT)	PROP LENGTH (FT)	DRIVEWAY SLOPE			R1 (FT)	R2 (FT)
						(S1) (%)	(S2) (%)	(S3) (%)		
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	21.80	-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



- △ DITCH AND DRIVEWAY REVISIONS
- △ PROFILE AND DRIVEWAY REVISIONS



07/23/2020

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DRIVEWAY DETAIL

SHEET 1 OF 1

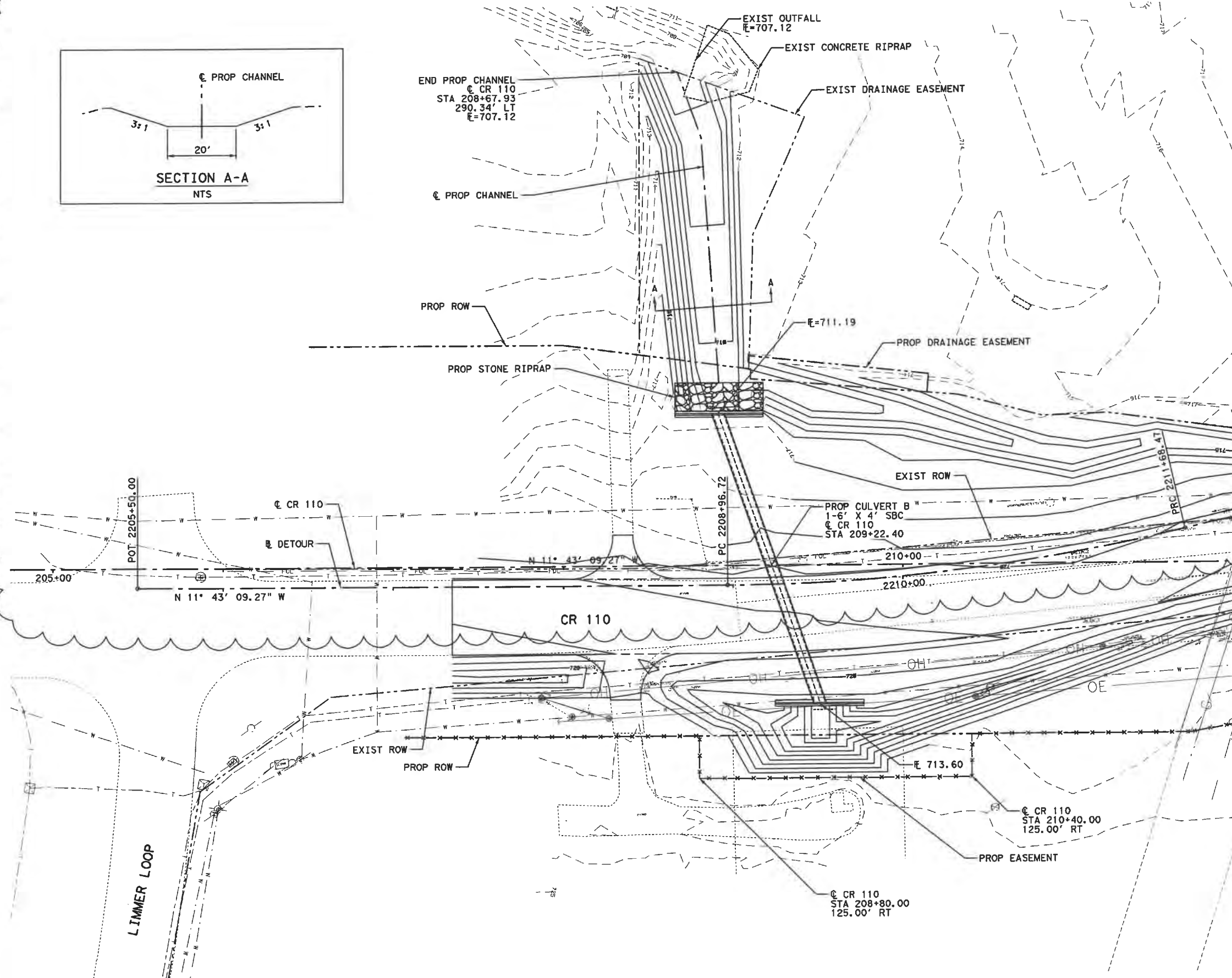
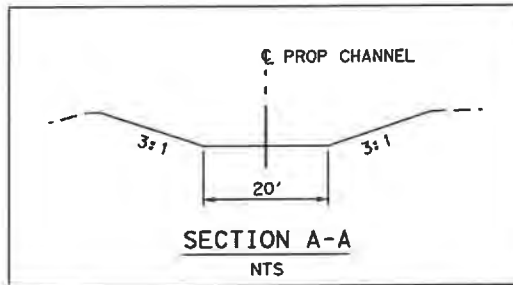
WILLIAMSON COUNTY
JOB NO.

SHEET NO.

81

NOTES:

1. REFER TO THE EXTERIOR DRAINAGE AREA MAP SHEET FOR DRIVEWAY CULVERT INFORMATION.



0 30 60
SCALE: 1"=60'

△ DITCH AND DRIVEWAY REVISIONS



1/28/2020

Kimley»Horn F-928

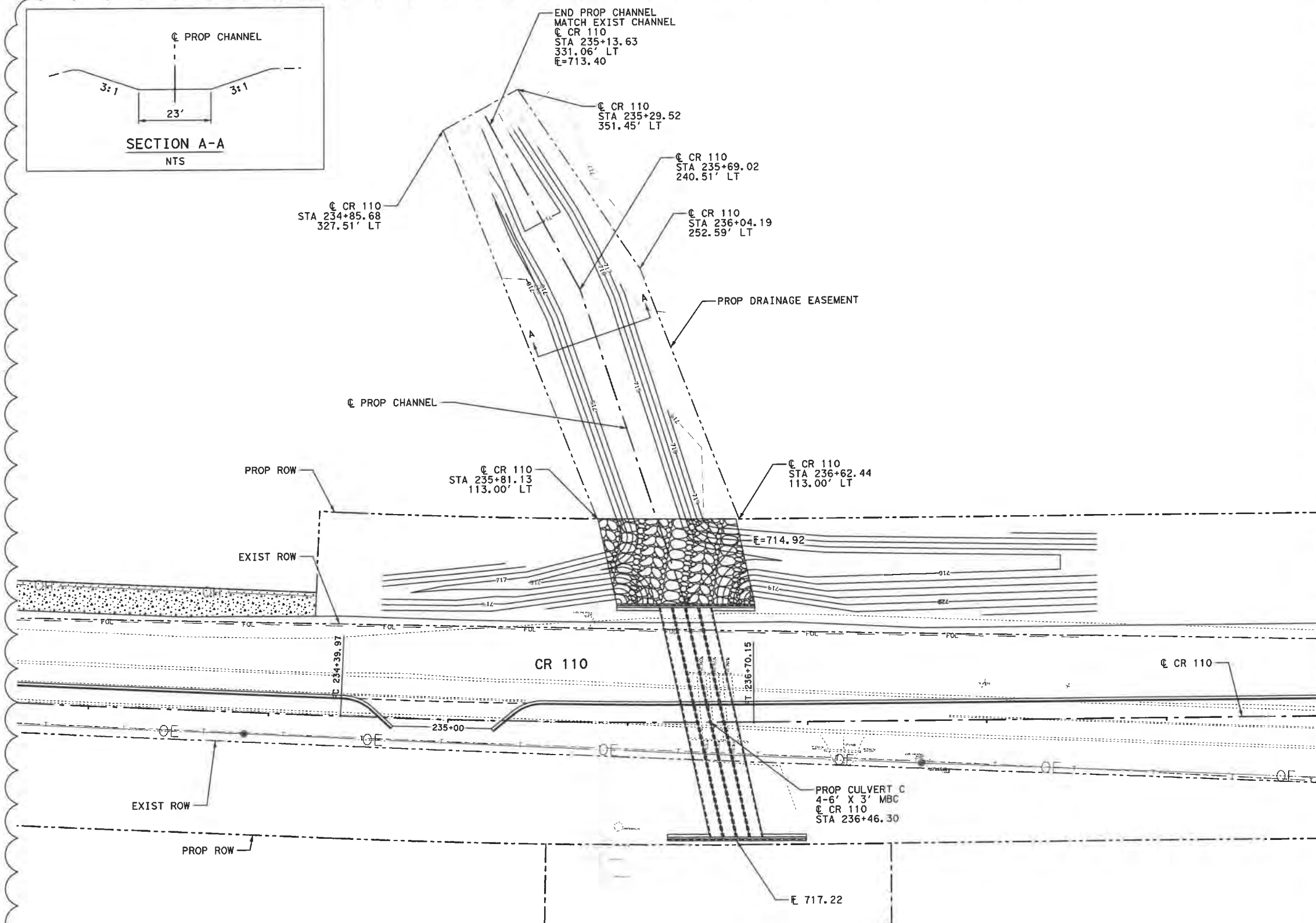
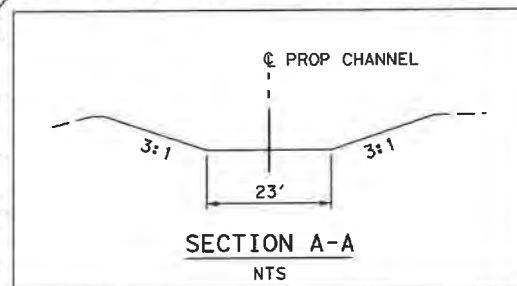
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CR 110 (MIDDLE SECTION)

**CULVERT GRADING
CHANNEL B**

SHEET 1 OF 2

DES: BTS	WILLIAMSON COUNTY JOB NO.	SHEET NO. 81A
CK: SAA		



0 30 60
SCALE: 1"=60'

△ DITCH AND DRIVEWAY REVISIONS



2/3/2020

Kimley»Horn

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CR 110 (MIDDLE SECTION)

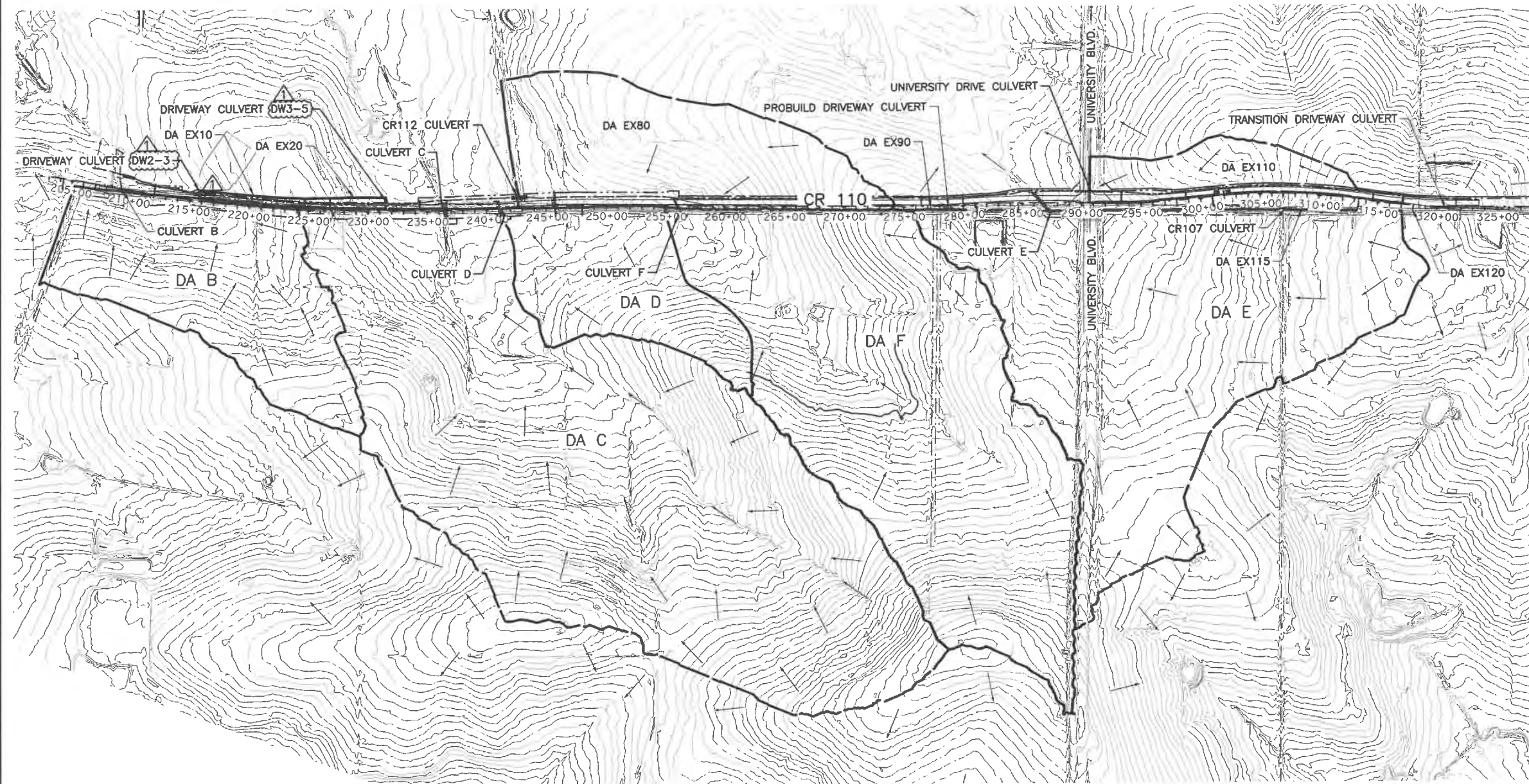
**CULVERT GRADING
CHANNEL C**

SHEET 2 OF 2

DES: BTS
CK: SAA

WILLIAMSON COUNTY
JOB NO.

SHEET NO.
81B



CROSSING CULVERTS

HYDROLOGIC SUMMARY											
CULVERT ID	DA	ANALYSIS METHOD	DESIGN FREQUENCY	AREA (ACRES)	Tc/Lag (MIN)	C/CN	DESIGN 25 yr I (IN/HR)	DESIGN 25 yr Q (CFS)	CHECK 100 yr I (IN/HR)	CHECK 100 yr Q (CFS)	PROPOSED CULVERT
B	B	RATIONAL	25 YR	67.22	34.50	0.39	4.97	130	6.27	186	1-6'x4'
C	C	SCS	25 YR	264.46	29.63	70	n/a	502	n/a	813	4-6'x3'
D	D	RATIONAL	25 YR	42.37	24.89	0.40	5.93	100	7.47	142	2-4'x3'
E	E	RATIONAL	25 YR	159.99	48.08	0.41	3.95	261	5.01	370	4-5'x3'
F	F	RATIONAL	25 YR	171.00	46.85	0.39	4.02	270	5.09	385	2-5'x3'

DRIVEWAY CULVERTS

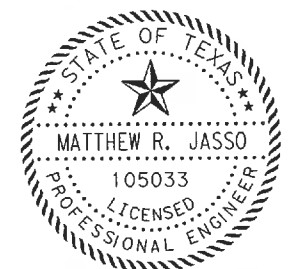
DRIVEWAY CULVERT	DA	STATION	DESIGN FREQUENCY	Q (cfs)	ALLOW HW (ELEV)	PROPOSED CULVERT				CULVERT RESULTS				
						DESCRIPTION	UPSTREAM END TREATMENT	DOWNSTREAM END TREATMENT	LENGTH (ft)	UPSTREAM FL	DOWNSTREAM FL	Ke	HW ELEV	TW ELEV
DW2-3	EX10	215+75	10 YR	9.7	722.05	1-18" RCP	1-S.E.T. TY II-PD (6:1)	1-S.E.T. TY II-PD (4:1)	85	721.39	720.28	0.7	723.01	719.30
DW3-5	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
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
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
TRANSITION	EX120	*	*	*	*	*	*	*	*	*	*	*	*	*

* SEE CULVERT LAYOUT



△ 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.



CP&Y 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	WILLIAMSON COUNTY JOB NO.	SHEET NO. 91
CK: JDM		

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	67.30	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	62.40	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	2.88	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	6.58	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	58.01	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	6.05	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	6.01	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	0.88	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	6.30	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	6.30	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	60.30	734.90	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	0.50	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	60.30	735.44	3.25	2.15	0.001	4.00	3.00	0.00	0.68	2.33	0.07	12.5
225+50.00	60.44	735.06	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	0.000	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	59.10	718.60	7.74	1.63	0.004	4.00	3.00	0.00	1.16	1.90	0.30	2.1
233+50.00	63.09	718.60	8.20	1.30	0.001	3.00	2.00	0.00	1.59	1.63	0.14	2.1
234+00.00	64.08	718.20	8.92	2.50	0.008	3.00	2.00	0.00	1.20	1.96	0.57	2.1
234+50.00	69.71	717.40	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	716.70	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	715.90	11.08	3.18	0.015	4.00	3.00	0.00	1.00	3.93	0.93	2.1

DITCH L50

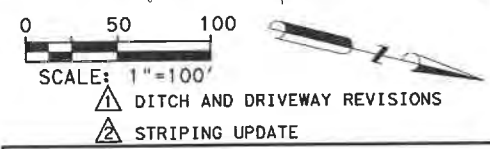
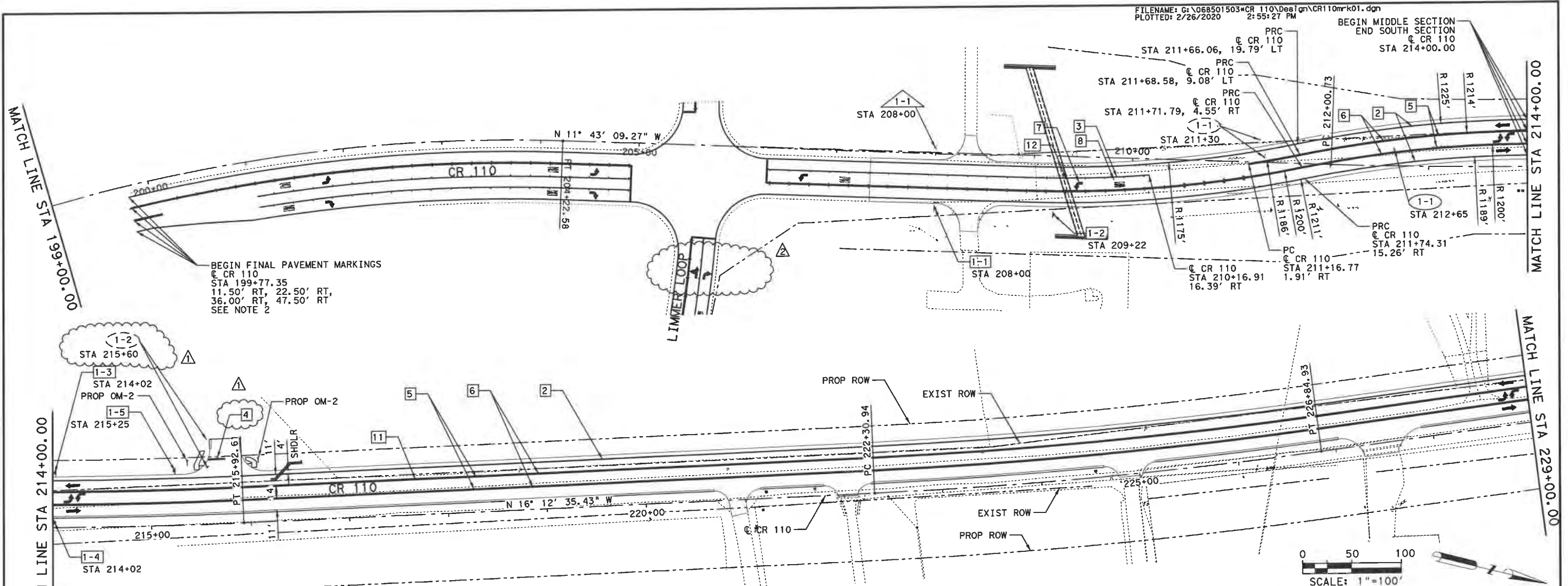
Ditch Station	Ditch Offset (ft)	Ditch FL Elev (ft)	Q (10 yr)	Velocity (ft/s)	Slope (ft/ft)	FS	BS	Base Width (ft)	Depth (ft) (Actual)	Depth (ft) (Allowable)	Shear Stress (Actual)	Shear Stress (Allowable)
236+00.00	81.63	715.20	3.22	0.015	4.00	3.00	0.00	0.00	1.02	3.36	0.95	2.1
236+50.00	77.45	714.90	12.52	1.90	0.005	4.00	3.00	0.00	0.64	4.02	0.19	2.1
237+00.00	87.66	715.20	409.52	4.99	0.005	4.00	3.00	0.00	3.83	4.51	1.10	2.1
237+50.00	70.86	715.45	408.89	5.61	0.006	4.00	3.00	0.00	3.56	3.84	1.34	2.1
238+00.00	71.99	715.75	408.27	5.61	0.006	4.00	3.00	0.00	3.56	4.12	1.34	2.1
238+50.00	72.62	716.05	407.64	5.60	0.006	4.00	3.00	0.00	3.56	4.28	1.34	2.1
239+00.00	71.33	716.35	407.01	5.60	0.006	4.00	3.00	0.00	3.55	3.96	1.33	2.1
239+50.00	73.81	716.65	406.39	5.60	0.006	4.00	3.00	0.00	3.55	4.93	1.33	2.1
240+00.00	75.23	716.96	405.76	5.60	0.006	4.00	3.00	0.00	3.55	4.93	1.33	2.1
240+50.00	76.72	717.26	405.13	5.59	0.006	4.00	3.00	0.00	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	Shear Stress
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

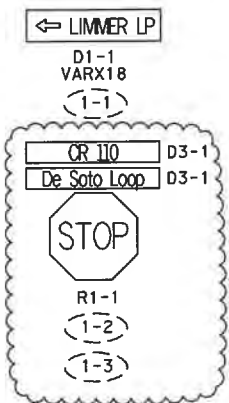
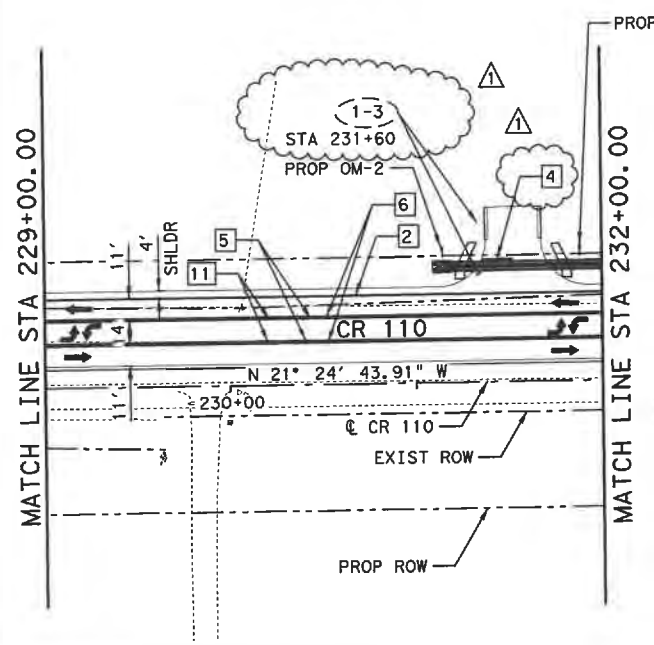
DITCH L70

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	38.00	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



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
- X-BIDIRECTIONAL DELINEATORS



- NOTES:
- FINAL LOCATION OF ALL PROPOSED SIGNS MAY BE ADJUSTED IN THE FIELD AS DIRECTED BY THE ENGINEER.
 - STA 199+77.35 TO STA 207+34.71 REPLACE EXIST PAVEMENT MARKINGS.



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CR 110 (MIDDLE SECTION)
**SIGNING AND
PAVEMENT MARKINGS**

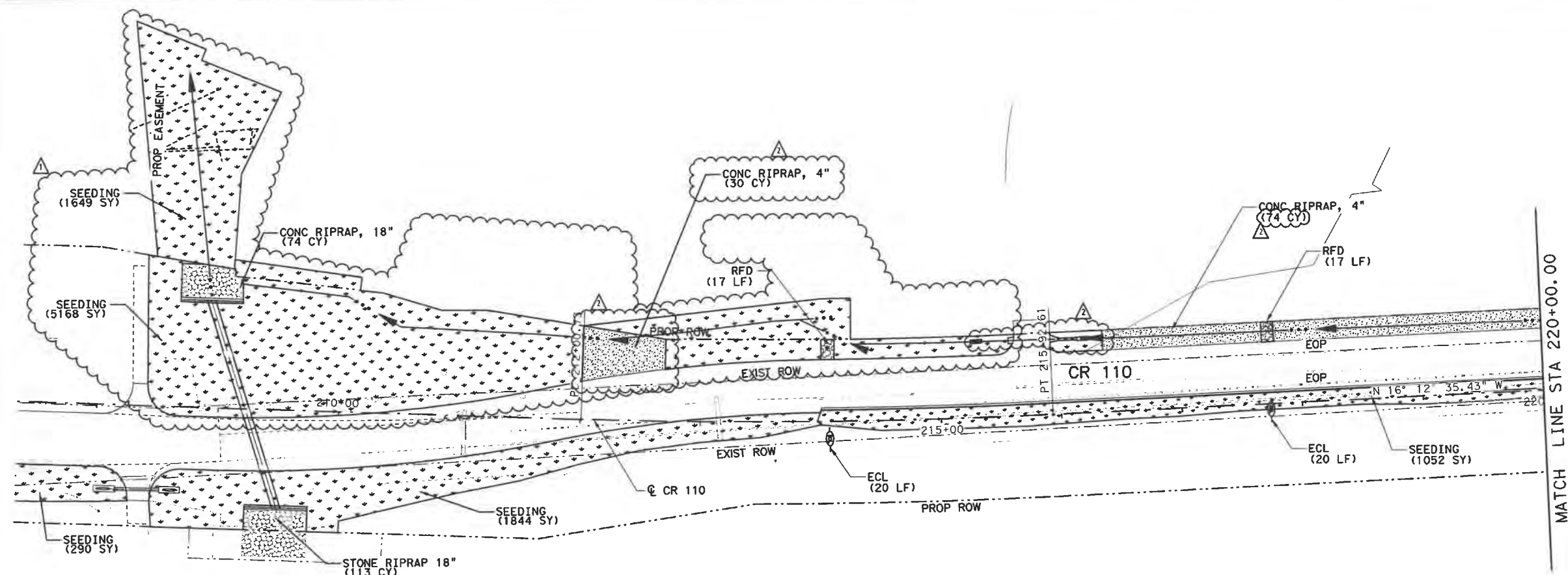
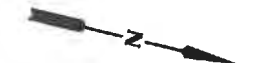
SHEET 1 OF 6

DES: ASH

CK: TAN

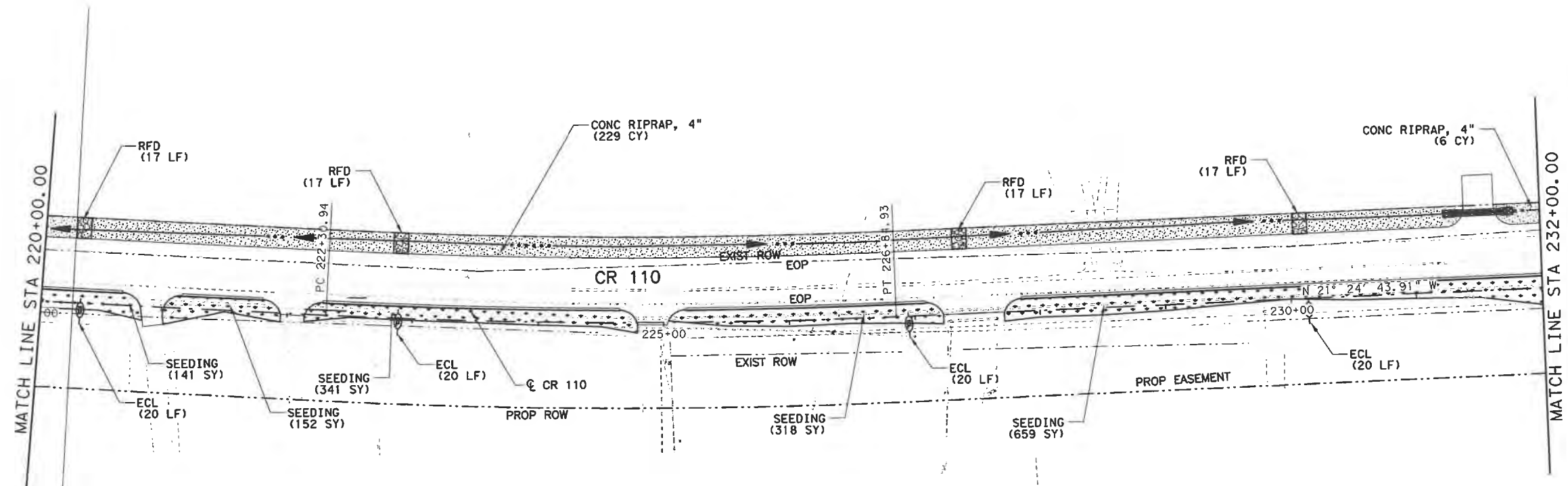
WILLIAMSON COUNTY
JOB NO.

SHEET NO.
138



- △ DITCH REVISIONS
- △ MODIFIED DRIVEWAY CULVERT 2-3 & UPDATED RIPRAP LIMITS

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.



CP&Y CP&Y, INC.
13809 RESEARCH BLVD., STE. 300
AUSTIN, TX 78750
TBP# FIRM REGISTRATION NO. F-1741

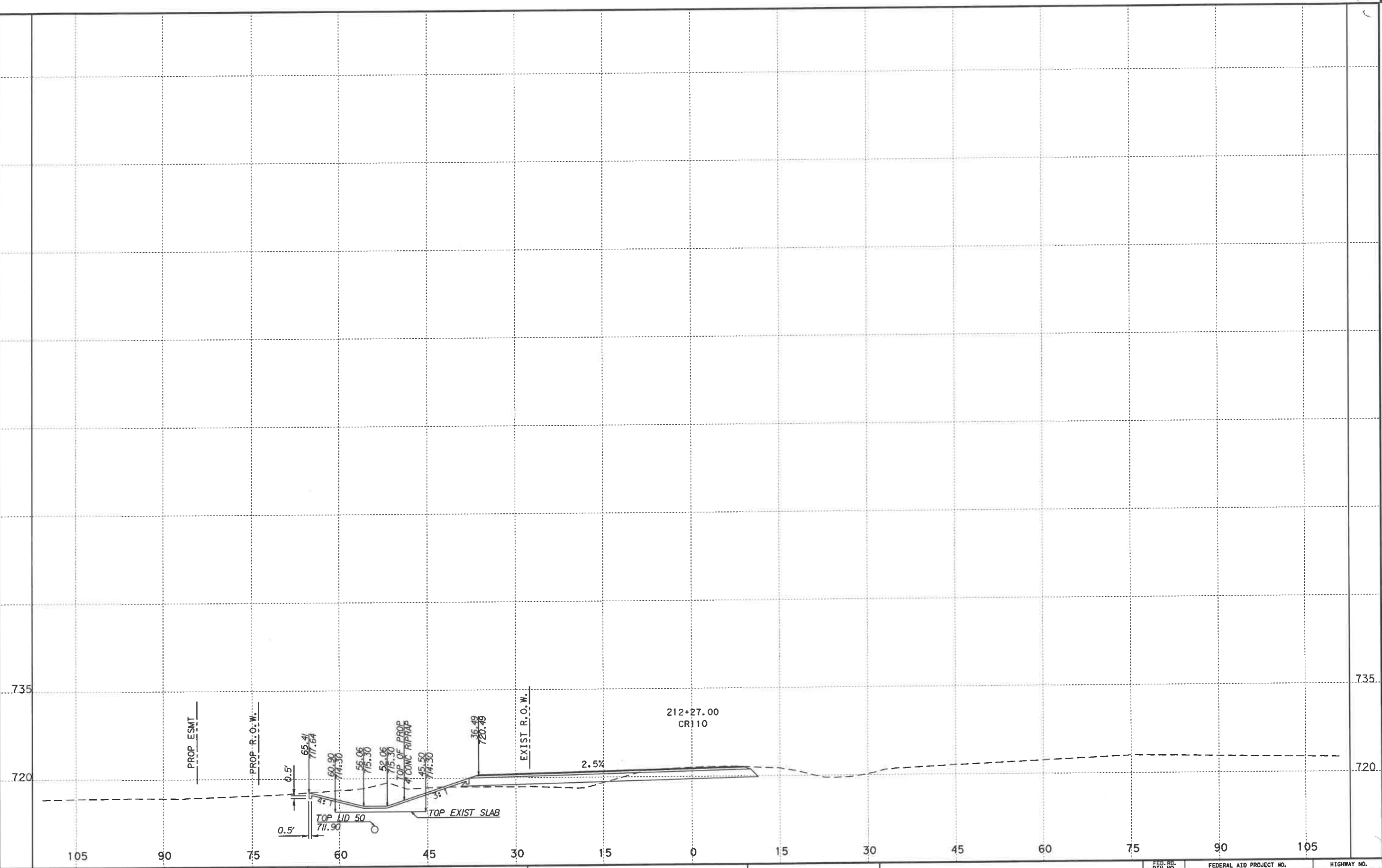
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CR 110 (MIDDLE SECTION)
EROSION CONTROL LAYOUT

SHEET 1 OF 6

DES: MRJ	WILLIAMSON COUNTY JOB NO.	SHEET NO.
CK: JDM		176

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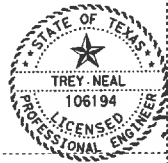
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VERTICAL: 1"=15'

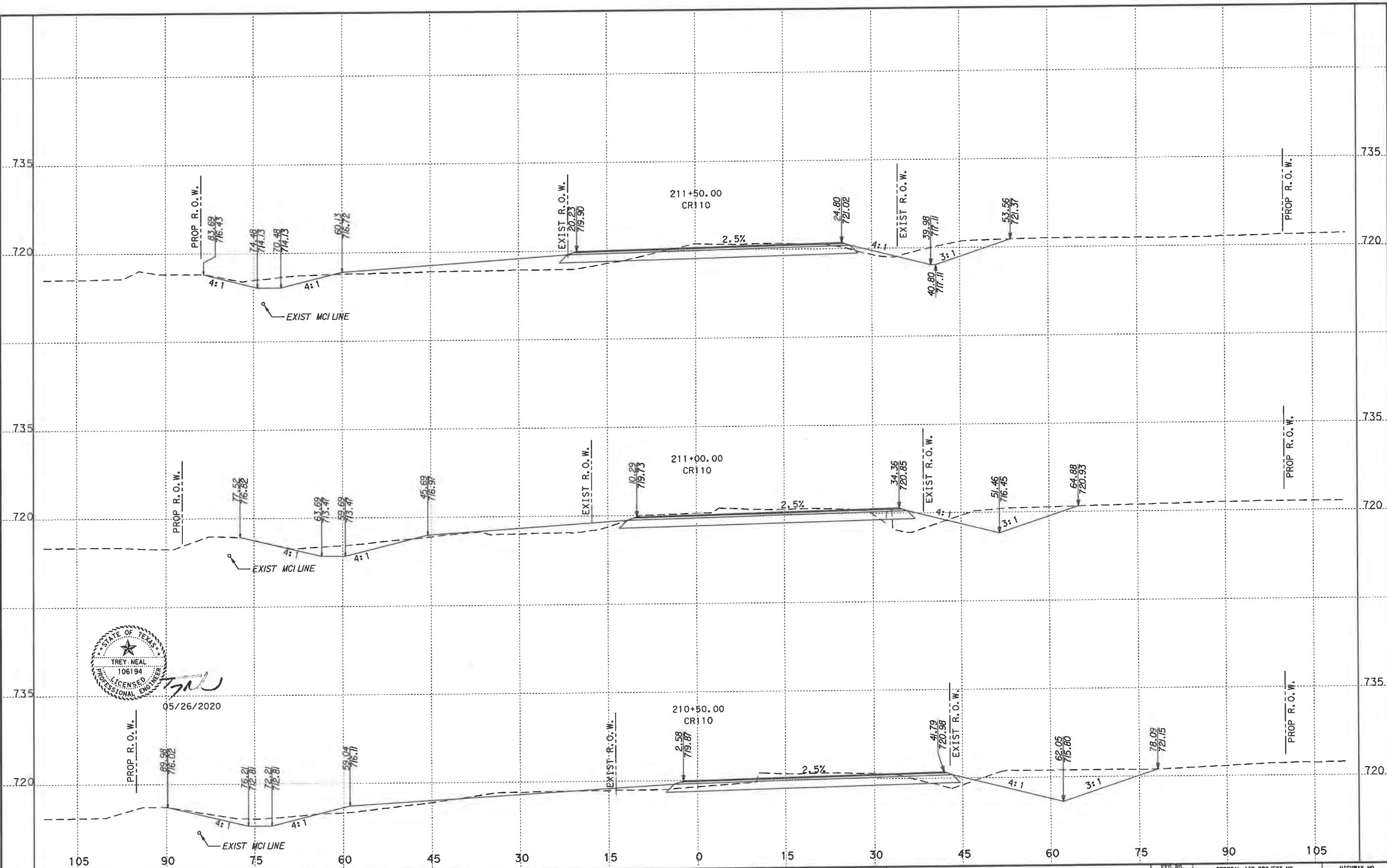
CR 110 (MIDDLE SECTION)

FED. RD. DIV. NO.		FEDERAL AID PROJECT NO.		HIGHWAY NO.	
6					
STATE	DIST.	COUNTY		SHEET NO.	
TEXAS		WILLIAMSON		1	
CONT.	SECT.	JOB			

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05/26/2020



CROSS SECTIONS BASED ON
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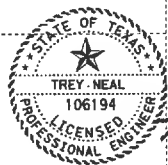
F-928



CR 110 (MIDDLE SECTION)

FED. AID PROJECT NO.		HIGHWAY NO.	
6			
STATE	DIST.	COUNTY	SHEET NO.
TEXAS		WILLIAMSON	4
CONT.	SECT.	JOB	

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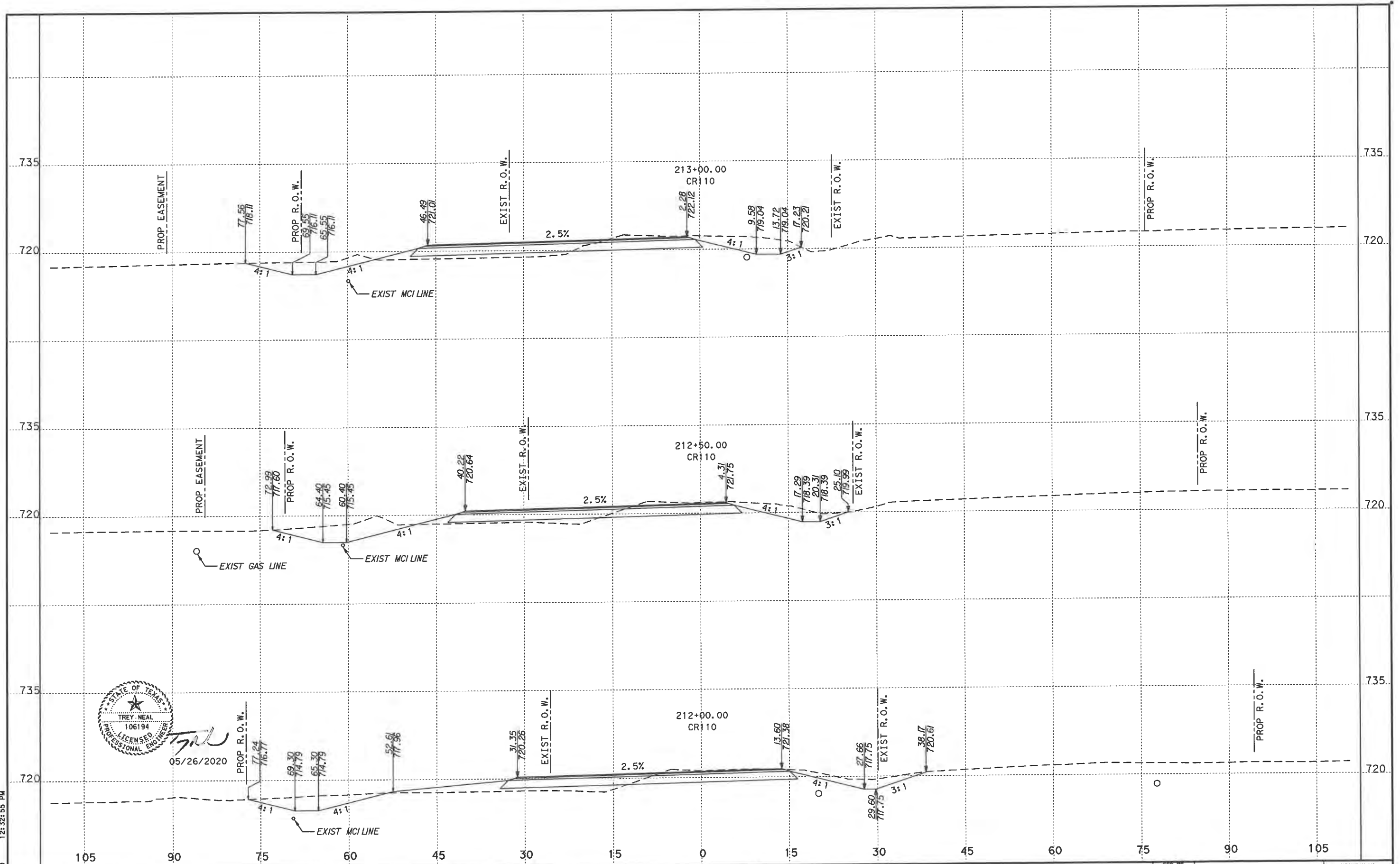
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0 15
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VERTICAL 1"=15'

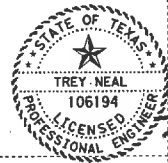
CR 110 (MIDDLE SECTION)

FED. RD. DIV. NO.		FEDERAL AID PROJECT NO.		HIGHWAY NO.	
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STATE		DIST.		COUNTY	SHEET NO.
TEXAS				WILLIAMSON	5
CONT.		SECT.		JOB	



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0 15
HORIZONTAL: 1"=15'
VERTICAL: 1"=15'

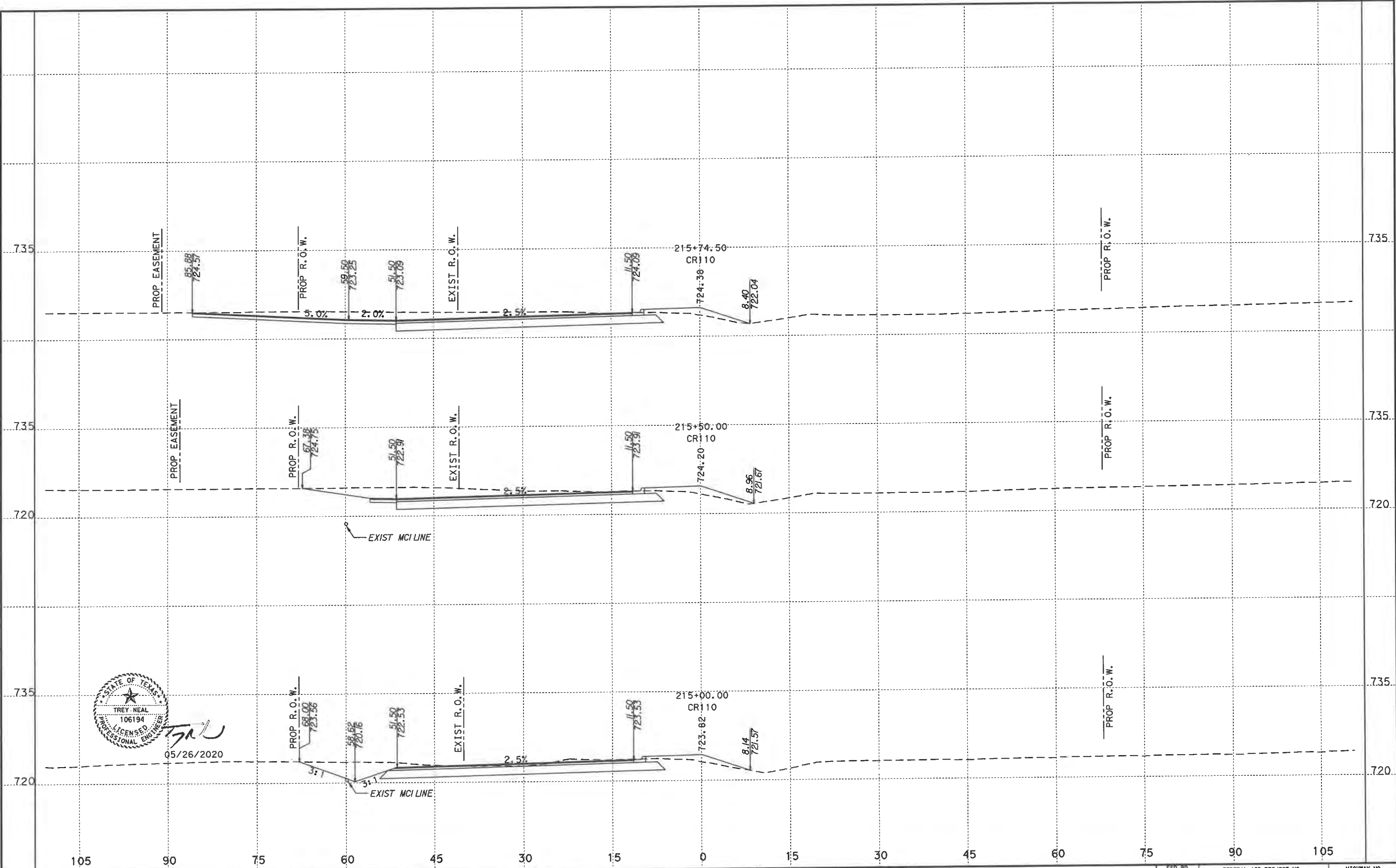
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TEXAS		WILLIAMSON	6
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CR 110 (MIDDLE SECTION)

FED. RD. DIV. NO.		FEDERAL AID PROJECT NO.		HIGHWAY NO.	
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STATE	DIST.	COUNTY		SHEET NO.	
TEXAS		WILLIAMSON		7	
CONT.	SECT.	JOB			

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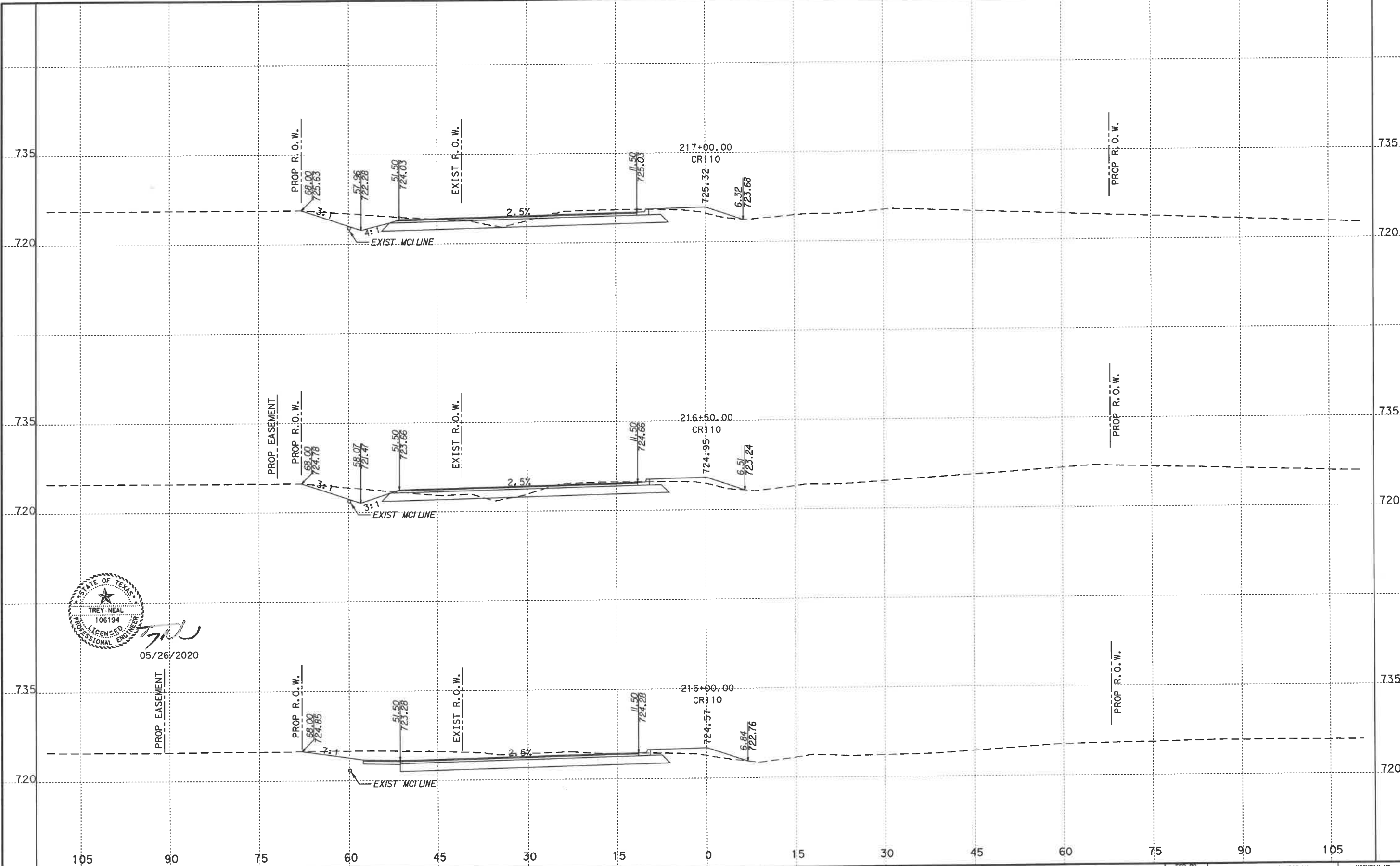
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0 15
HORIZONTAL: 1"=15'
VERTICAL: 1"=15'

CR 110 (MIDDLE SECTION)

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STATE	DIST.	COUNTY		SHEET NO.	
TEXAS		WILLIAMSON		8	
CONT.	SECT.	JOB			



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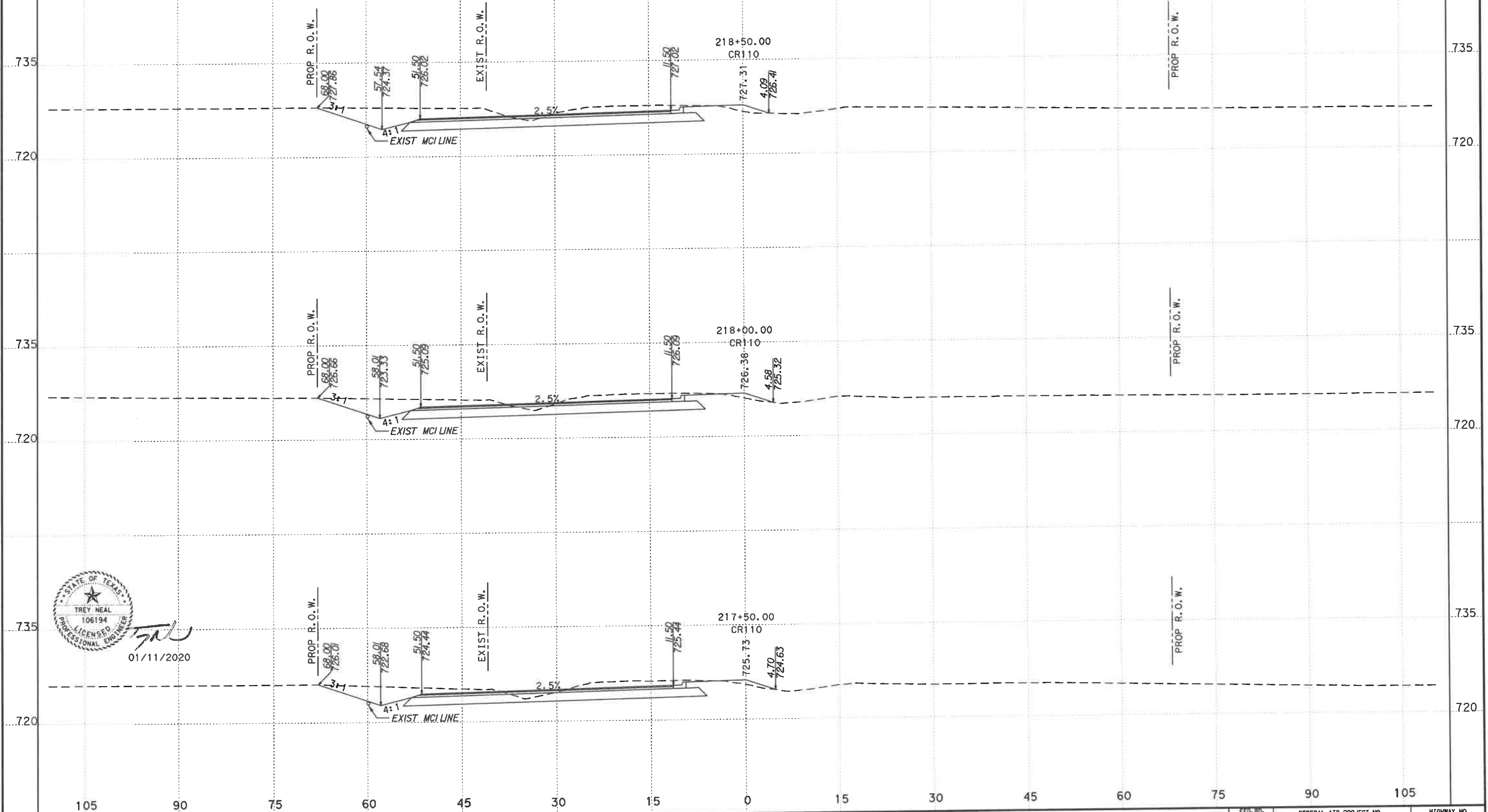
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CR 110 (MIDDLE SECTION)

FED. RD. DIV. NO.		FEDERAL AID PROJECT NO.		HIGHWAY NO.	
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STATE	DIST.	COUNTY		SHEET NO.	
TEXAS		WILLIAMSON		9	
CONT.	SECT.	JOB			



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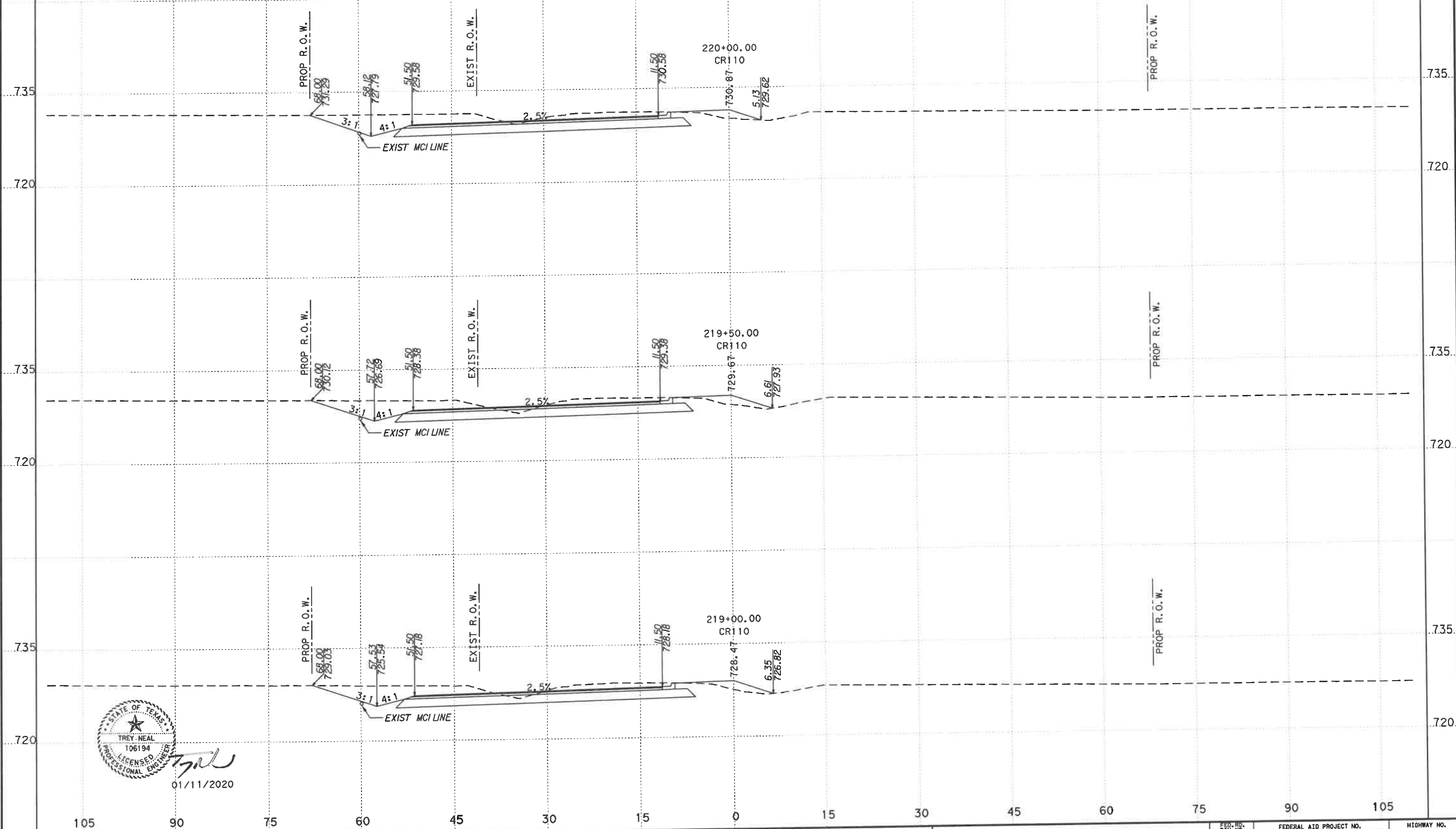
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0 15
HORIZONTAL 1"=15'
VERTICAL 1"=15'

CR 110 (MIDDLE SECTION)

FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.		HIGHWAY NO.	
6				
STATE	DIST.	COUNTY	SHEET NO.	
TEXAS		WILLIAMSON	10	
CONT.	SECT.	JOB		



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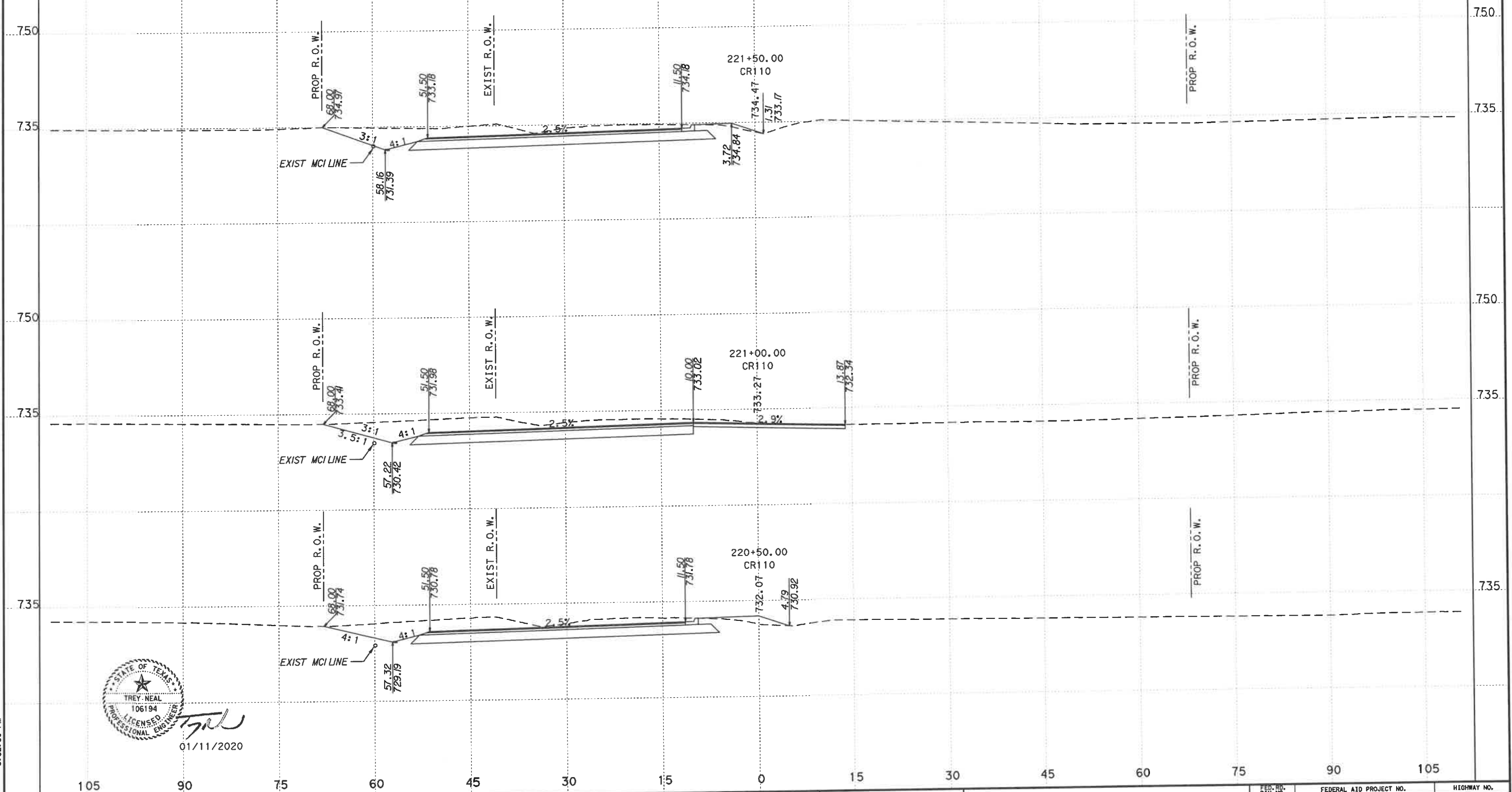
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CR 110 (MIDDLE SECTION)

FED. RD. DIV. NO.		FEDERAL AID PROJECT NO.		HIGHWAY NO.	
6					
STATE	DIST.	COUNTY		SHEET NO.	
TEXAS		WILLIAMSON		11	
CONT.	SECT.	JOB			



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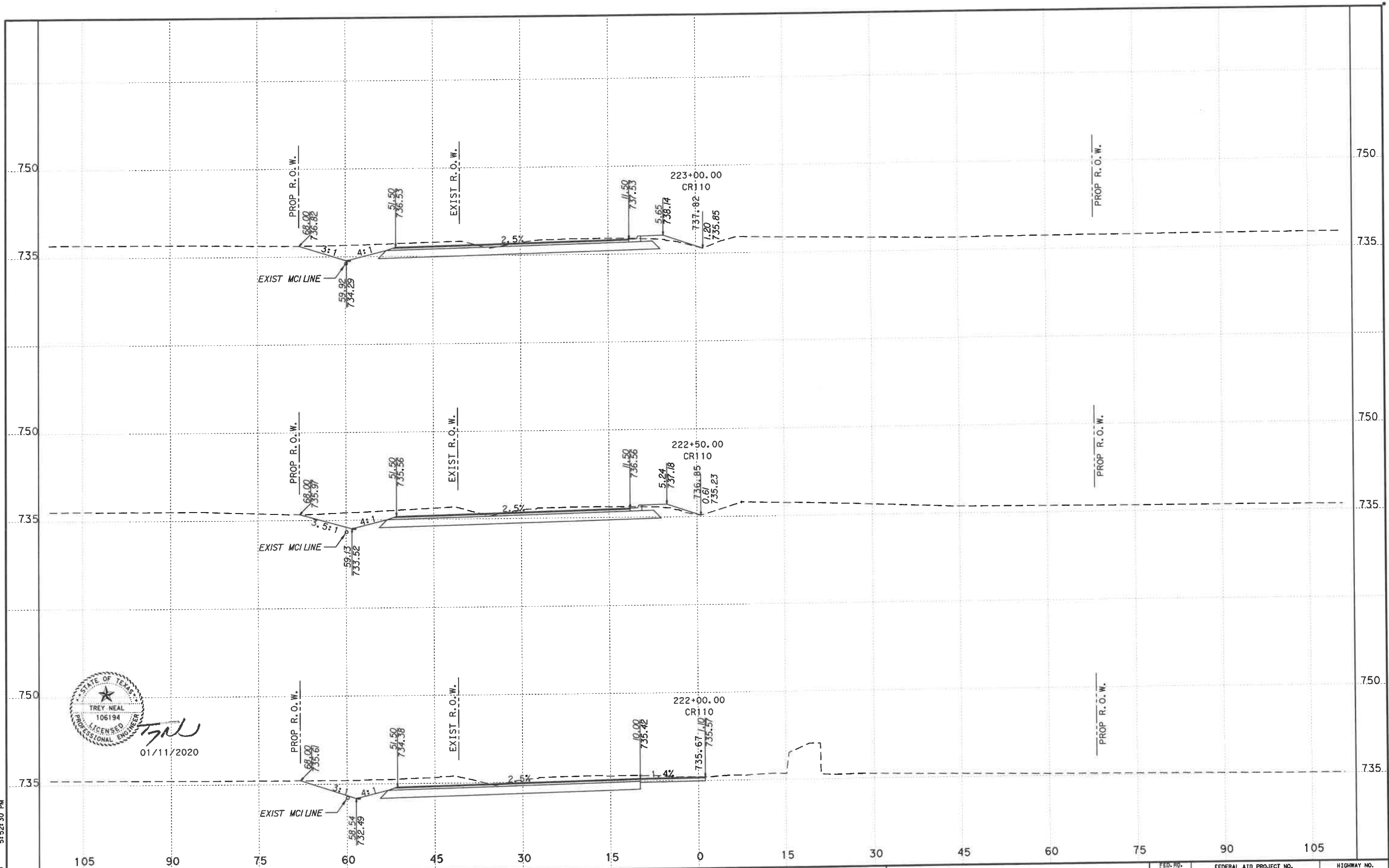
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0 15
HORIZONTAL: 1"=15'
VERTICAL: 1"=15'

CR 110 (MIDDLE SECTION)

FED. RD. DIV. NO.		FEDERAL AID PROJECT NO.		HIGHWAY NO.	
6					
STATE	DIST.	COUNTY		SHEET NO.	
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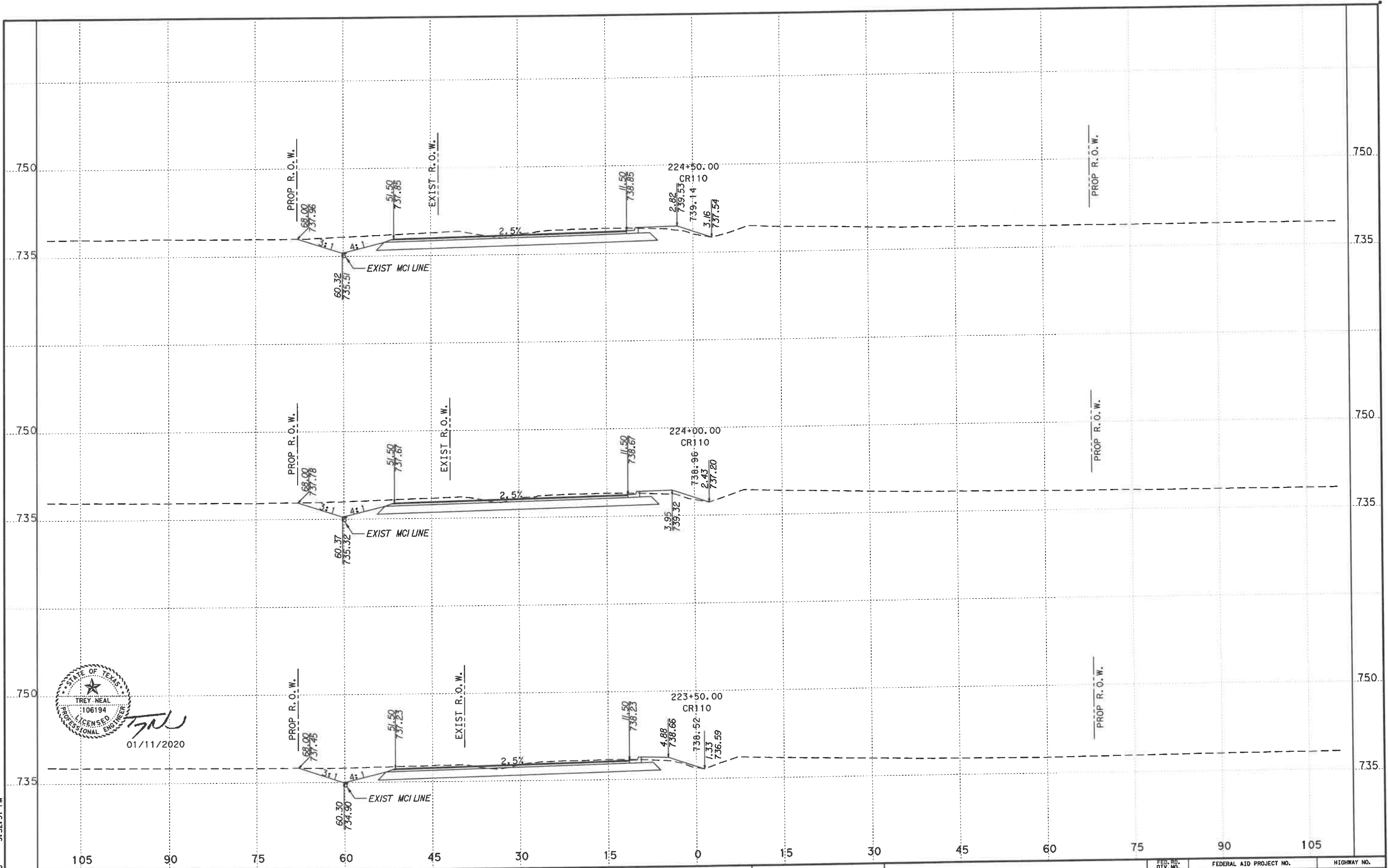
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CR 110 (MIDDLE SECTION)

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STATE	DIST.	COUNTY		SHEET NO.	
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CONT.	SECT.	JOB			



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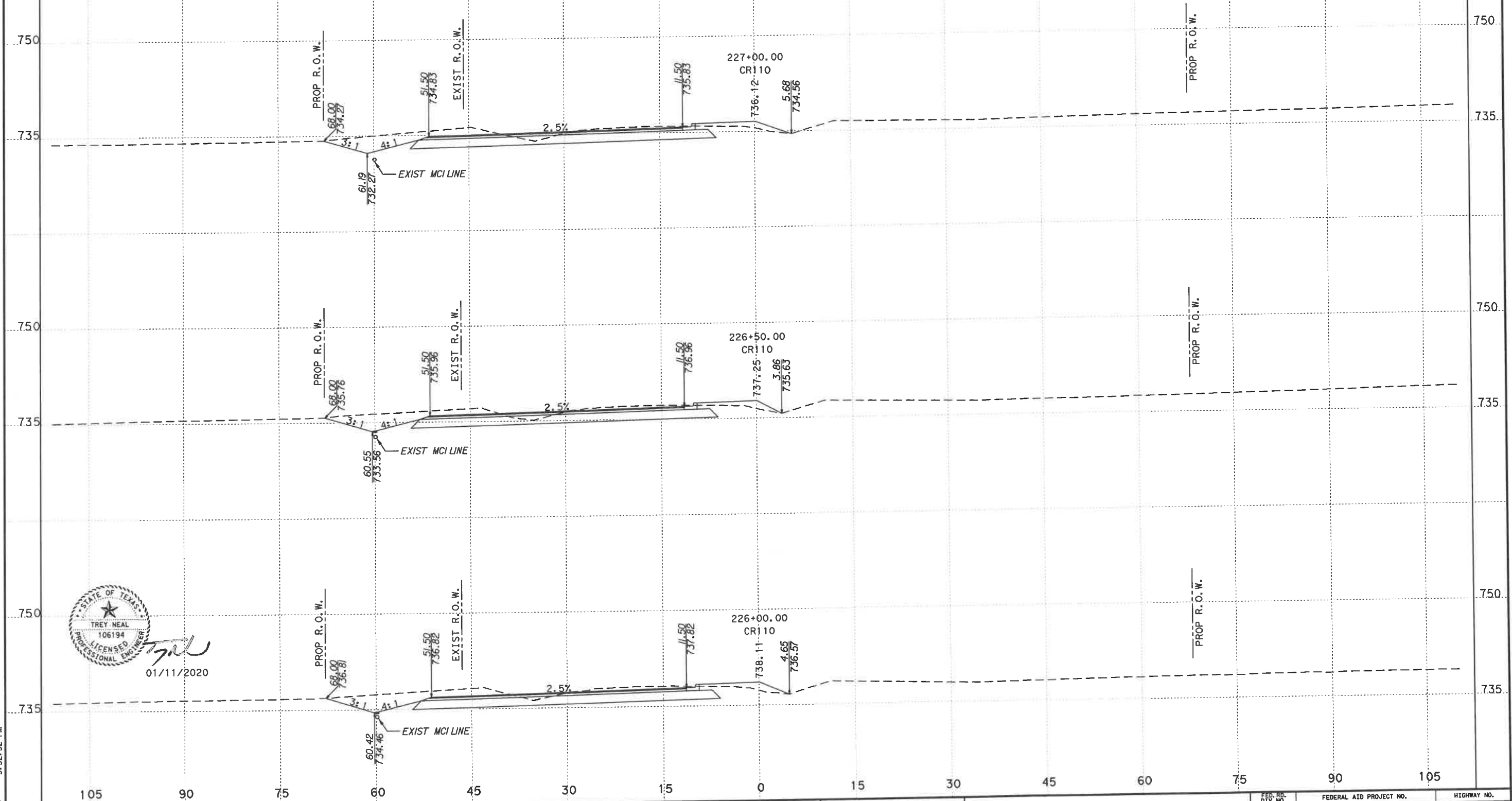
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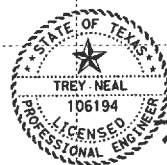


CR 110 (MIDDLE SECTION)

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CONT.	SECT.	JOB			



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FED. RD. DIV. NO.		FEDERAL AID PROJECT NO.		HIGHWAY NO.	
6					
STATE		DIST.		COUNTY	
TEXAS				WILLIAMSON	
CONT.		SECT.		JOB	
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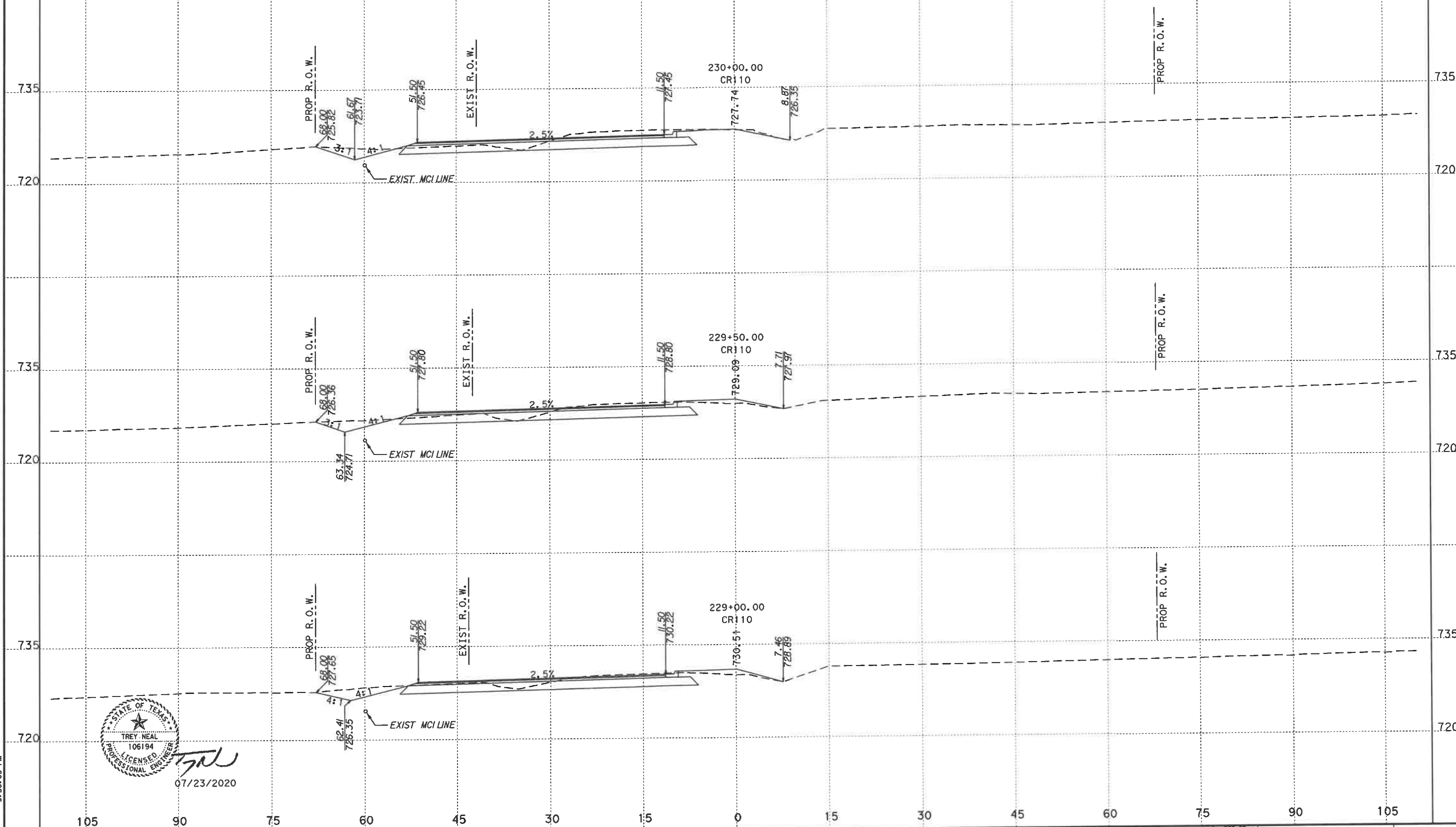
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0 15
HORIZONTAL 1"=15'
VERTICAL 1"=15'

CR 110 (MIDDLE SECTION)

FED. RD. DIV. NO.		FEDERAL AID PROJECT NO.		HIGHWAY NO.	
6					
STATE	DIST.	COUNTY	SHEET NO.		
TEXAS		WILLIAMSON	17		
CONT.	SECT.	JOB			



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07/23/2020
90

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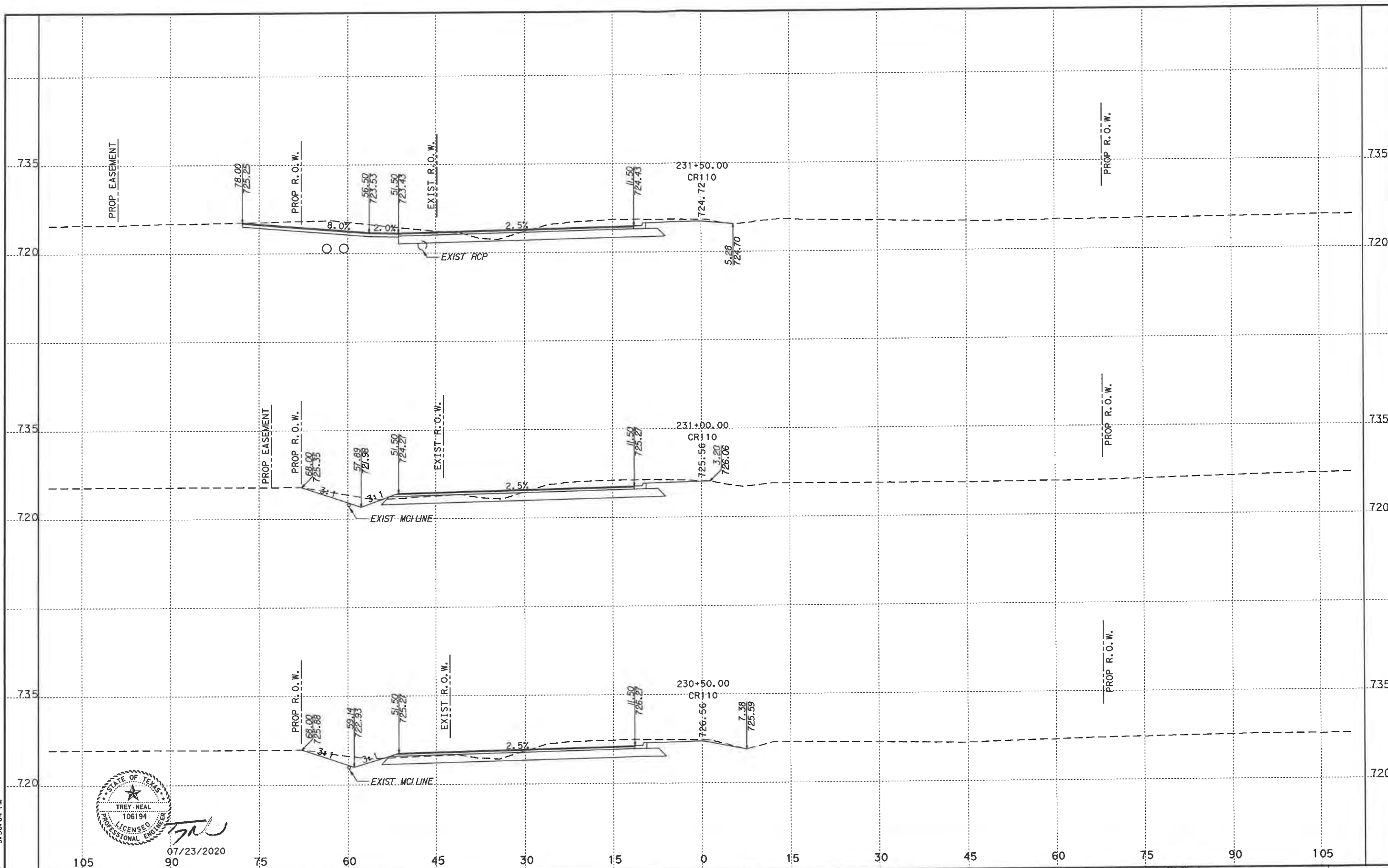
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CR 110 (MIDDLE SECTION)

FED. AID PROJECT NO.		HIGHWAY NO.	
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STATE	DIST.	COUNTY	SHEET NO.
TEXAS		WILLIAMSON	18
CONT.	SECT.	JOB	



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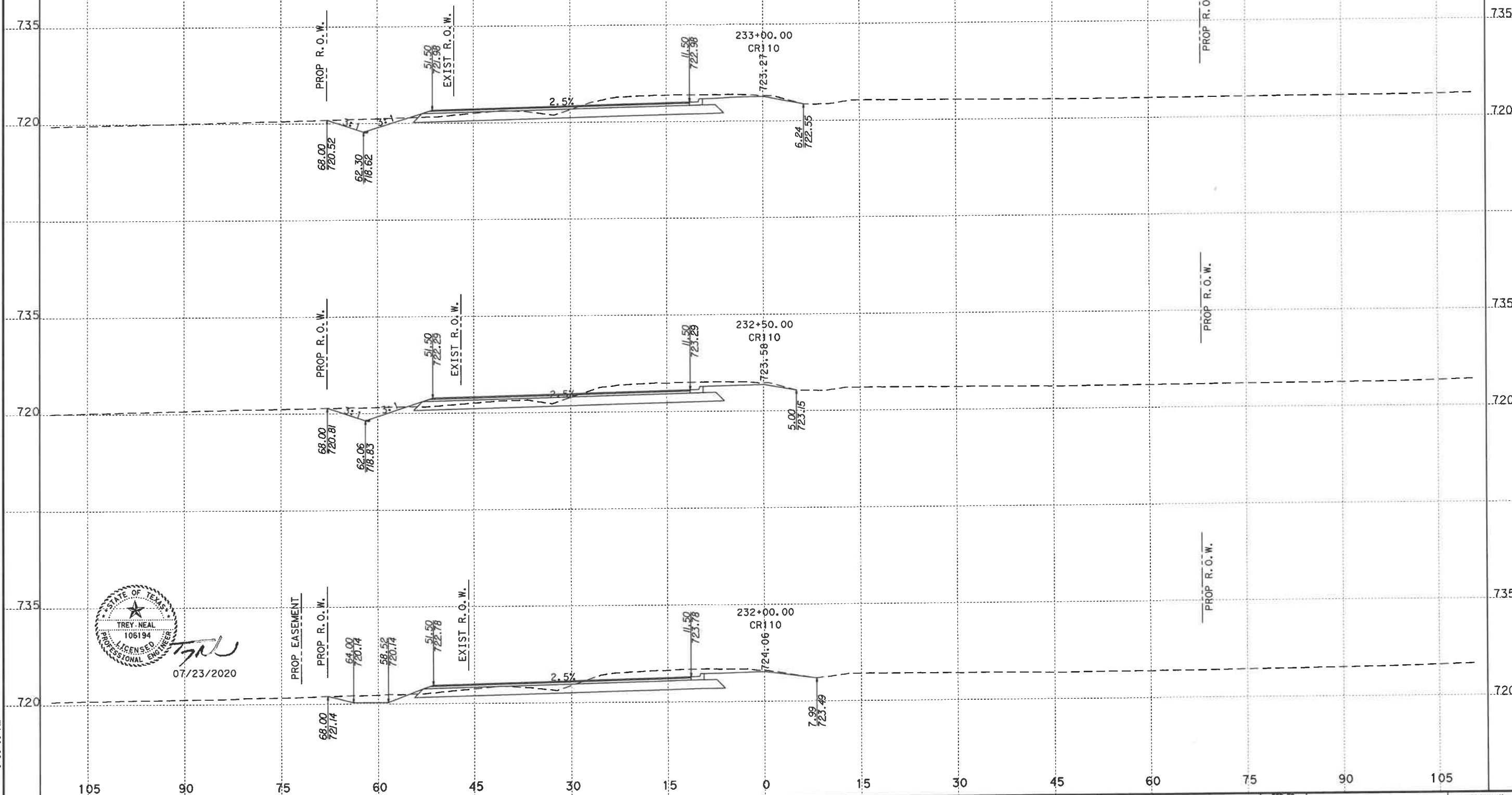
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FED. RD. DIV. NO.		FEDERAL AID PROJECT NO.		HIGHWAY NO.	
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CONT.	SECT.	JOB			



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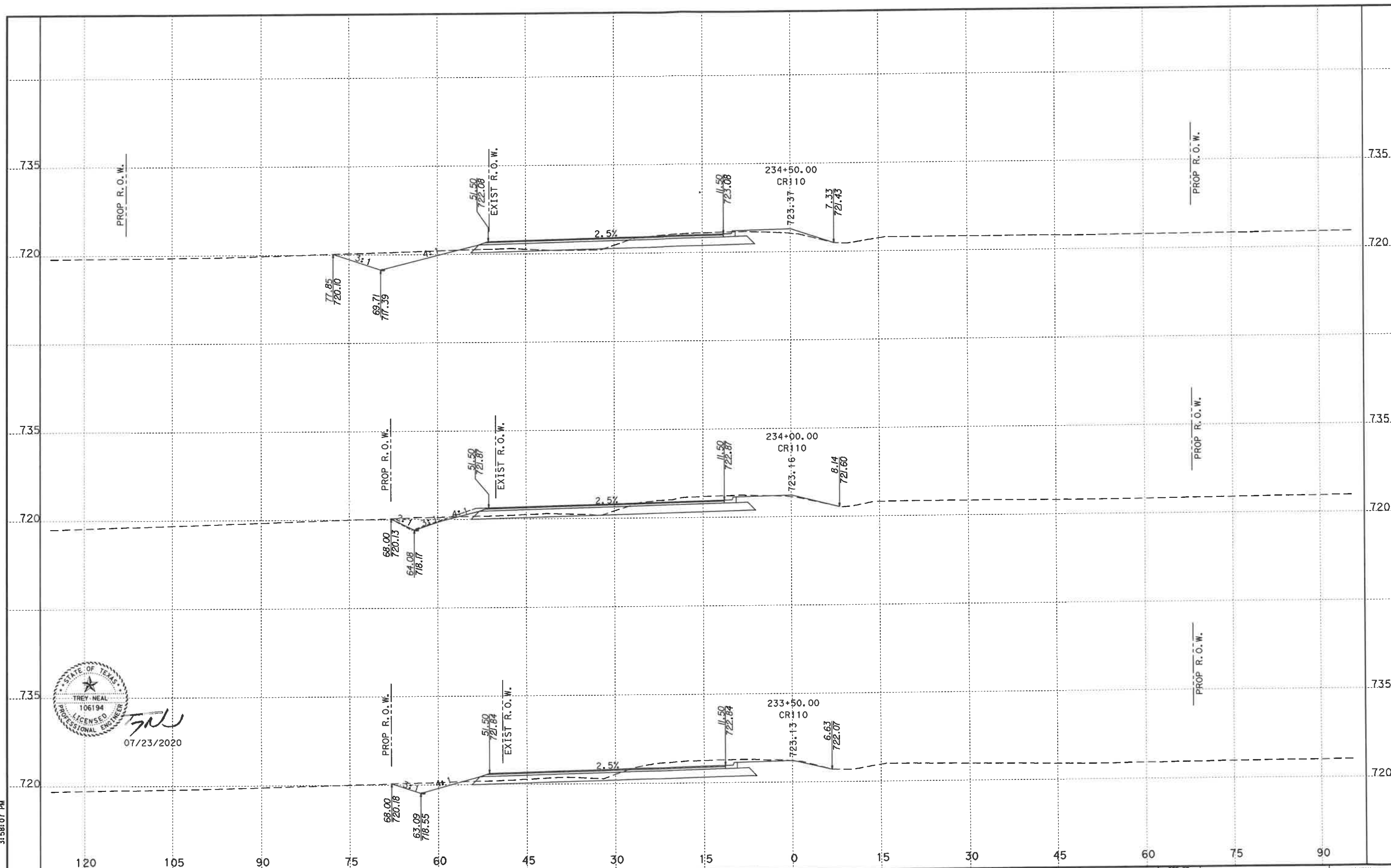
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CR 110 (MIDDLE SECTION)

FED. RD. DIV. NO.		FEDERAL AID PROJECT NO.		HIGHWAY NO.	
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TEXAS		WILLIAMSON		20	
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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		21	
CONT.	SECT.	JOB			