

DEC 11 2019

PST

Received

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 1

Received

DEC 09 2019

1. CONTRACTOR: Joe Bland Construction
2. Change Order Work Limits: Sta. 11+23 to Sta. 135+50
3. Type of Change(on federal-aid non-exempt projects): Minor (Major/Minor)
4. Reasons: 1A, 3F, 3L, 2E (3 Max. - In order of importance - Primary first)

Project: HNTB Corporation 1708-186
Round Rock
 Roadway: CR 119
 CSJ
 Number: _____

5. Describe the work being revised:

1A: Design Error or Omission. Incorrect PS&E. This Change Order corrects the quantity for the channel excavation item and corrects quantities for paving in the original contract. **3F: County Convenience. Additional work desired by the County.** This Change Order adds driveways to the project to maintain access to properties along the project and revises vegetation establishment items. **3L: County Convenience. Revising safety work/measures desired by the County.** This Change Order adds milling, paving and restriping for a left turn lane on Chandler Road. **2E: Differing Site Conditions. Miscellaneous difference in site conditions (unforeseeable) (Item 9).** This Change Order provides the final balancing for the overrun/underrun of contract quantities on the project as a result of addressing field conditions not accounted for in the original plans.

6. Work to be performed in accordance with Items: See attached list of items
7. New or revised plan sheet(s) are attached and numbered: 2, 19, 25-28, 73, 74, 103A-C, 247, 247A-C
8. New Special Provisions/Specifications to the contract are attached: ☐ Yes ☒ No
9. New Special Provisions to Item N/A No. N/A, Special Specification Item N/A are attached.

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

The contractor must sign the Change Order and, by doing so, agrees to waive any and all claims for additional compensation due to any and all other expenses; additional changes for time, overhead and profit; or loss of compensation as a result of this change.

The following information must be provided

Time Ext. #: 1 Days added on this CO: 15Amount added by this change order: (\$61,412.38)

THE CONTRACTOR

Date 12/6/19

By

Typed/Printed Name

Andrew Batten

Typed/Printed Title

Project Manager

RECOMMENDED FOR EXECUTION:

Project Manager

Date

N/A
Design Engineer

Date

Program Manager

Date

Design Engineer's Seal:

See attached plans

County Commissioner Precinct 1

Date

☐

APPROVED

☐

REQUEST APPROVAL

County Commissioner Precinct 2

Date

☐

APPROVED

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REQUEST APPROVAL

County Commissioner Precinct 3

Date

☐

APPROVED

☐

REQUEST APPROVAL

County Commissioner Precinct 4

Date

☐

APPROVED

☐

REQUEST APPROVAL

County Judge

Date

☐

APPROVED

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 1

Project # 1708-186

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
110-6002	EXCAVATION (CHANNEL)	CY	\$6.00	15,110.00	\$90,660.00	3,832.00	18,942.00	\$113,652.00	\$ 22,992.00
161-WC001	EROSION CONTROL COMPOST (3")	SY	\$2.00	112,138.00	\$224,276.00	(112,138.00)	0.00	\$0.00	\$ (224,276.00)
162-WC103	MULCH TOPDRESSING	SY	\$3.40	28,034.00	\$95,315.60	(28,034.00)	0.00	\$0.00	\$ (95,315.60)
164-WC04	SEEDING FOR EROSION CONTROL (TEMP)(COOL)(TY 4)	SY	\$0.13	56,069.00	\$7,288.97	(28,034.00)	28,035.00	\$3,644.55	\$ (3,644.42)
164-WC11	SEEDING FOR EROSION CONTROL (TEMP & PERM)(TY 11)	SY	\$0.23	168,207.00	\$38,687.61	46,840.00	215,047.00	\$49,460.81	\$ 10,773.20
169-6006	SOIL RETENTION BANKETS(CL 2)(TY F)	SY	\$1.45	4,120.00	\$5,974.00	30,955.00	35,075.00	\$50,858.75	\$ 44,884.75
260-6002	LIME (HYDRATED) LIME (SLURRY)	TON	\$150.00	1,144.00	\$171,600.00	(56.92)	1,087.08	\$163,062.00	\$ (8,538.00)
260-6073	LIME TRT (SUBGRADE) (8")	SY	\$4.50	63,562.00	\$286,029.00	(654.00)	62,908.00	\$283,086.00	\$ (2,943.00)
310-6001	PRIME COAT (MULTI) (OPTION)	GAL	\$2.70	12,350.00	\$33,345.00	(2,550.00)	9,800.00	\$26,460.00	\$ (6,885.00)
316-6413	ASPH (AC-15P, HFRS-2P OR CRS-2P)	GAL	\$2.90	15,495.00	\$44,935.50	1,005.00	16,500.00	\$47,850.00	\$ 2,914.50
341-6008	D-GR HMA TY-B PG64-22	TON	\$57.00	10,189.00	\$580,773.00	108.56	10,297.56	\$586,960.92	\$ 6,187.92
341-6042	D-GR HMA TY-D SAC B PG70-22	TON	\$82.00	6,546.00	\$536,772.00	235.53	6,781.53	\$556,085.46	\$ 19,313.46
403-6001	TEMP SPL SHORING	SF	\$42.00	1,484.00	\$62,328.00	(1,484.00)	0.00	\$0.00	\$ (62,328.00)
416-6006	DRILL SHAFT (48 IN)	LF	\$325.00	22.00	\$7,150.00	3.00	25.00	\$8,125.00	\$ 975.00
432-6001	RIPRAP (CONC) (4 IN)	CY	\$310.00	457.50	\$141,825.00	387.09	844.59	\$261,822.90	\$ 119,997.90
432-6002	RIPRAP (MOW STRIP) (5 IN)	CY	\$290.00	172.00	\$49,880.00	50.75	222.75	\$64,597.50	\$ 14,717.50
432-6033	RIPRAP (STONE PROTECTION) (18 IN)	CY	\$115.00	108.00	\$12,420.00	549.47	657.47	\$75,609.05	\$ 63,189.05
432-6045	RIPRAP (MOW STRIP) (4 IN)	CY	\$310.00	85.40	\$28,474.00	84.45	169.85	\$52,665.90	\$ 26,179.50
TOTALS					\$2,417,733.68			\$2,343,940.84	\$ (71,805.24)

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 1

Project # 1708-186

TABLE B: Contract Items (Continued)

				ORIGINAL + PREVIOUSLY REVISED		ADD or (DEDUCT)	NEW		
ITEM	DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	ITEM COST	QUANTITY	QUANTITY	ITEM COST	OVERRUN/ UNDERRUN
464-6005	RC PIPE (CL III) (24")	LF	\$60.00	902.00	\$54,120.00	80.00	982.00	\$58,920.00	\$ 4,800.00
466-6134	SET (TY I) (S=5FT) (HW=2FT) (6:1) (P)	EA	\$8,000.00	2.00	\$16,000.00	(2.00)	0.00	\$0.00	\$ (16,000.00)
467-6363	SET (TY II) (18 IN) (6:1) (P)	EA	\$1,300.00	17.00	\$22,100.00	3.00	20.00	\$26,000.00	\$ 3,900.00
467-6395	SET (TY II) (24 IN) (6:1) (P)	EA	\$1,900.00	8.00	\$15,200.00	3.00	11.00	\$20,900.00	\$ 5,700.00
496-6007	REMOV STR (PIPE)	LF	\$16.00	196.00	\$3,136.00	80.00	276.00	\$4,416.00	\$ 1,280.00
496-6043	REMOV STR (SMALL FENCE)	LF	\$4.22	2,438.00	\$10,288.36	592.00	3,030.00	\$12,786.60	\$ 2,498.24
506-6002	ROCK FILTER DAMS (INSTALL) (TY 2)	LF	\$23.00	215.00	\$4,945.00	31.00	246.00	\$5,658.00	\$ 713.00
506-6011	ROCK FILTER DAMS (REMOVE)	LF	\$6.70	634.00	\$4,247.80	(525.00)	109.00	\$730.30	\$ (3,517.50)
506-6038	TMP SEDMT CONT FENCE (INSTALL)	LF	\$1.70	14,254.00	\$24,231.80	1,001.00	15,255.00	\$25,933.50	\$ 1,701.70
506-6039	TEMP SEDMT CONT FENCE (REMOVE)	LF	\$0.50	14,254.00	\$7,127.00	1,001.00	15,255.00	\$7,627.50	\$ 500.50
508-6001	CONSTRUCTION DETOURS	SY	\$44.00	664.00	\$29,216.00	(31.00)	633.00	\$27,852.00	\$ (1,364.00)
530-6005	DRIVEWAYS(ACP)	SY	\$26.00	1,726.00	\$44,876.00	112.26	1,838.26	\$47,794.76	\$ 2,918.76
540-6001	MTL W-BEAM GD FEN (TIM POST)	LF	\$21.00	1,182.00	\$24,822.00	18.00	1,200.00	\$25,200.00	\$ 378.00
552-6003	WIRE FENCE (TY C)	LF	\$6.90	2,562.00	\$17,677.80	1,132.00	3,694.00	\$25,488.60	\$ 7,810.80
618-6053	CONDT (PVC) (SCH 80) (3")	LF	\$9.90	15.00	\$148.50	17.00	32.00	\$316.80	\$ 168.30
644-6001	IN SM RD SN SUP&AM TY I (10BWG) 1 (SA) (P)	EA	\$460.00	4.00	\$1,840.00	(1.00)	3.00	\$1,380.00	\$ (460.00)
644-6004	IN SM RD SN SUP&AM TY I (10BWG) 1 (SA) (T)	EA	\$535.00	2.00	\$1,070.00	4.00	6.00	\$3,210.00	\$ 2,140.00
644-6061	IN SM RD SN SUP&AM TYTWT(1)WS(T)	EA	\$360.00	1.00	\$360.00	2.00	3.00	\$1,080.00	\$ 720.00
658-6047	INST OM ASSM (OM-2Y) (WC GND)	EA	\$47.00	20.00	\$940.00	13.00	33.00	\$1,551.00	\$ 611.00
662-6004	WK ZN PAV MRK NON-REMOV (W) 4" (SLD)	LF	\$0.57	10,295.00	\$5,868.15	(8,278.00)	2,017.00	\$1,149.69	\$ (4,718.46)
662-6016	WK ZN PAV MRK NON-REMOV (W) 24" (SLD)	LF	\$6.60	32.00	\$211.20	15.00	47.00	\$310.20	\$ 99.00
662-6032	WK ZN PAV MRK NON-REMOV (Y) 4" (BRK)	LF	\$0.23	954.00	\$219.42	(954.00)	0.00	\$0.00	\$ (219.42)
662-6034	WK ZN PAV MRK NON-REMOV (Y) 4" (SLD)	LF	\$1.00	3,287.00	\$3,287.00	(1,270.00)	2,017.00	\$2,017.00	\$ (1,270.00)
666-6036	REFL PAV MRK TY I (W) 8" (SLD) (100MI)	LF	\$0.69	850.00	\$586.50	304.00	1,154.00	\$796.26	\$ 209.76
666-6048	REFL PAV MRK TY I (W) 24" (SLD) (100MIL)	LF	\$4.80	385.00	\$1,848.00	(138.00)	247.00	\$1,185.60	\$ (662.40)
666-6054	WK ZN PAV MRK TY I (W)) (ARROW) (100MIL)	LF	\$95.00	11.00	\$1,045.00	3.00	14.00	\$1,330.00	\$ 285.00
666-6078	WK ZN PAV MRK TY I (W)) (WORD) (100MIL)	EA	\$110.00	11.00	\$1,210.00	1.00	12.00	\$1,320.00	\$ 110.00
666-6147	WK ZN PAV MRK TY I (Y) 24" (SLD)	LF	\$4.70	600.00	\$2,820.00	260.00	860.00	\$4,042.00	\$ 1,222.00
666-6170	WK ZN PAV MRK TY II (W) 4" (SLD)	LF	\$0.14	25,876.00	\$3,622.64	2,802.00	28,678.00	\$4,014.92	\$ 392.28
666-6178	WK ZN AV MRK TY II (W) 8" (SLD)	LF	\$0.35	850.00	\$297.50	304.00	1,154.00	\$403.90	\$ 106.40
The "Totals" from Table B of the previous work sheet:					\$2,417,733.68			\$2,343,940.84	(\$71,805.24)
TOTALS					\$2,721,095.35			\$2,657,355.47	\$ (61,752.28)

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 1

Project # 1708-186

TABLE B: Contract Items (Continued)

				ORIGINAL + PREVIOUSLY REVISED		ADD or (DEDUCT)	NEW		
ITEM		UNIT	UNIT PRICE	QUANTITY	ITEM COST	QUANTITY	QUANTITY	ITEM COST	OVERRUN/ UNDERRUN
666-6182	WK ZN PAV MRK TY II (W) 24" (SLD)	LF	\$1.70	385.00	\$654.50	(138.00)	247.00	\$419.90	\$ (234.60)
666-6184	WK ZN PAV MRK TY II (W) (ARROW)	EA	\$42.00	11.00	\$462.00	3.00	14.00	\$588.00	\$ 126.00
666-6192	WK ZN PAV MRK TY II (W) (WORD)	EA	\$47.00	11.00	\$517.00	1.00	12.00	\$564.00	\$ 47.00
666-6207	WK ZN PAV MRK TY II (Y) 4" (SLD)	LF	\$0.14	30,306.00	\$4,242.84	2,001.00	32,307.00	\$4,522.98	\$ 280.14
666-6214	WK ZN PAV MRK TY II (Y) 24" (SLD)	LF	\$1.60	600.00	\$960.00	260.00	860.00	\$1,376.00	\$ 416.00
666-6303	RE PM W/RET REQ TY I (W) 4" (SLD) (100MIL)	LF	\$0.35	25,876.00	\$9,056.60	2,802.00	28,678.00	\$10,037.30	\$ 980.70
666-6315	RE PM W/RET REQ TY I (Y) 4" (SLD) (100MIL)	LF	\$0.32	30,306.00	\$9,697.92	2,001.00	32,307.00	\$10,338.24	\$ 640.32
672-6007	REFL PAV MRK TY I-C	EA	\$3.00	57.00	\$171.00	18.00	75.00	\$225.00	\$ 54.00
672-6009	REFL PAV MRKR TY II A-A	EA	\$3.00	540.00	\$1,620.00	193.00	733.00	\$2,199.00	\$ 579.00
677-6002	ELIM EXT PAV MRK & MRKS (6")	LF	\$1.40	105.00	\$147.00	(105.00)	0.00	\$0.00	\$ (147.00)
677-6007	ELIM EXT PAV MRK & MRKS (24")	LF	\$4.80	145.00	\$696.00	79.00	224.00	\$1,075.20	\$ 379.20
730-6107	FULL WIDTH MOWING	CYC	\$2,550.00	3.00	\$7,650.00	(1.00)	2.00	\$5,100.00	\$ (2,550.00)
WC-5002	WOODEN PRIVACY FENCE	LF	\$20.00	2,216.00	\$44,320.00	(341.00)	1,875.00	\$37,500.00	\$ (6,820.00)
WC5001-5002	GEOGRID BASE REINFORCEMENT TY II	SY	\$2.40	63,562.00	\$152,548.80	(3,494.00)	60,068.00	\$144,163.20	\$ (8,385.60)
999-WC01	FORCE ACCOUNT	DOL	\$1.00	50,000.00	\$50,000.00	4,534.30	54,534.30	\$54,534.30	\$ 4,534.30
999-WC02	FORCE ACCOUNT - CORE HOLES FOR DRILL SHAFTS	DOL	\$200.00	10.00	\$2,000.00	(10.00)	0.00	\$0.00	\$ (2,000.00)
341-WC01	FORCE ACCOUNT - ESTIMATED PLACEMENT AND PRODUCTION BONUS/PENALTY TY B	DOL	\$1.00	57,300.00	\$57,300.00	(46,307.34)	10,992.66	\$10,992.66	\$ (46,307.34)
341-WC02	FORCE ACCOUNT - ESTIMATED PLACEMENT AND PRODUCTION BONUS/PENALTY TY C (SURFACE)	DOL	\$1.00	46,700.00	\$46,700.00	(41,229.46)	5,470.54	\$5,470.54	\$ (41,229.46)
353-WC01	FORCE ACCOUNT - ESTIIMATED RIDE QUALITY BONUS/PENALTY	DOL	\$1.00	10,500.00	\$10,500.00	(7,085.00)	3,415.00	\$3,415.00	\$ (7,085.00)
999-WC04	SPECIAL EXCAVATION (CHANDLER RD)	DOL	\$1.00	-	\$0.00	4,579.54	4,579.54	\$4,579.54	\$ 4,579.54
999-WC05	D-GR HMA TY D SAC-B PG 70-22 (CHANDLER RD)	TON	\$91.02	-	\$0.00	821.98	821.98	\$74,816.62	\$ 74,816.62
999-WC06	TRAFFIC CONTROL AND TEMP TABS (CHANDLER RD)	LS	\$2,438.00	-	\$0.00	1.00	1.00	\$2,438.00	\$ 2,438.00
999-WC07	FARM GATE FOR ACCESS TO BRIDGE EASEMENT	LS	\$530.00	-	\$0.00	1.00	1.00	\$530.00	\$ 530.00
999-WC08	SUBCONTRACTOR REMOBILIZATION COST FOR ADDED STRIPING	LS	\$1,250.00	-	\$0.00	1.00	1.00	\$1,250.00	\$ 1,250.00
999-WC09	ELECTRONIC MESSAGEBOARDS(2 EMB FOR 2 MONTHS)	LS	\$2,800.00	-	\$0.00	1.00	1.00	\$2,800.00	\$ 2,800.00
999-WC10	GUARD RAIL POSTS CHANGED FROM TIMBER TO STEEL DUE TO LOW CLEARANCE	LS	\$2,875.05	-	\$0.00	1.00	1.00	\$2,875.05	\$ 2,875.05
999-WC11	REMOBILIZATION FOR SUBCONTRACTOR TO INSTALL SIGNS ADDED DURING PUNCHLIST WALKTHRU	LS	\$997.50	-	\$0.00	1.00	1.00	\$997.50	\$ 997.50
354-6051	PLANE ASPH CONC PAV (0-1 1/2")(CHANDLER RD)	SY	\$12.45	-	\$0.00	934.00	934.00	\$11,628.30	\$ 11,628.30
464-6026	RC PIPE (CLASS V)(24IN)	LS	\$4,918.55	-	\$0.00	1.00	1.00	\$4,918.55	\$ 4,918.55
636-WC01	ALUMINUM SIGNS TY A (ADDED DURING PUNCHLIST)	SF	\$26.25	-	\$0.00	3.50	3.50	\$91.88	\$ 91.88
666-6030	REFL PAV MRK TY I (W)8"(DOT)(100MIL)(CHANDLER RD)	LF	\$1.58	-	\$0.00	72.00	72.00	\$113.76	\$ 113.76
666-6176	REFL PAV MRK TY II (W)8"(DOT)(CHANDLER RD)	LF	\$0.32	-	\$0.00	72.00	72.00	\$23.04	\$ 23.04
The "Totals" from Table B of the previous work sheet:					\$2,721,095.35			\$2,657,355.47	(\$61,752.28)
TOTALS					\$3,120,339.01			\$3,056,939.03	(\$61,412.38)

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 119 Limmer Loop to Chandler Road Williamson County Project No. 1708-186

Change Order No. 1

Reason for Change

This Change Order corrects the quantity for the channel excavation item, corrects quantities for paving in the original contract, adds driveways to maintain access to properties along the project, and revises vegetation establishment items. This Change Order also adds milling, paving and restriping for a left turn lane on Chandler Road, as requested by the County.

The plan quantities for various paving items and channel excavation under the Cottonwood Creek Bridge were corrected after construction began. The County also agreed to add three (3) driveways to different properties that were divided by the right-of-way acquisition for the project north of Limmer Loop on the west side. Two driveways are located on CR 119, between Limmer Loop and CR 118. The third driveway on CR 119 is north of CR 118. These driveways were requested by the property owners.

The County requested a left turn lane from westbound Chandler to CR 119; which required milling, paving and re-striping on Chandler Road. The construction of the Chandler Road turn lane onto CR 119 required additional excavation and asphalt for the larger CR 119 turning radii.

The project encountered heavy rain events during Fall 2018 and Spring 2019, which created heavy runoff from the adjacent fields. The runoff caused extensive erosion in the ditches and behind the concrete riprap placed in the ditch lines. Payment for the repair of the erosion and damage caused by these events is included in the Force Account item.

This Change Order provides the final balancing for the overrun/underrun of Contract quantities on the project as a result of addressing field conditions not accounted for in the original plans.

The following is a list of new items required for this Change Order.

ITEM	DESCRIPTION	QTY	UNIT
354-6051	PLANE ASPH CONC PAV (0 to 1-1/2")	934.00	SY
464-6026	RC PIPE (CLASS V) (24IN)	48.00	LF
636-WC01	ALUMINUM SIGNS TY A (ADDED DURING PUNCHLIST WALKTHROUGH)	3.50	SF
666-6030	REFL PAV MRK TY I (W) 8"(DOT)(100MIL)	72.00	LF
666-6176	REFL PAV MRK TY II (W) 8"(DOT)	72.00	LF

999-WC04	SPECIAL EXCAVATION AND TY B HMA FOR TURN LANE RADII AT CHANDLER RD. (FORCE ACCT)	4,579.54	DOL
999-WC05	D-GR HMA TY D SAC-B PG 70-22 (CHANDLER RD. LTL)	821.98	TON
999-WC06	TRAFFIC CONTROL AND TEMP TABS (CHANDLER RD)	1.00	LS
999-WC07	FARM GATE FOR ACCESS TO BRIDGE EASEMENT	1.00	LS
999-WC08	SUBCONTRACTOR REMOBILIZATION COST FOR ADDED STRIPING (CHANDLER RD)	1.00	LS
999-WC09	ELECTRONIC MESSAGEBOARDS (2 EMBS FOR 2 MONTHS)	1.00	LS
999-WC10	GUARD RAIL POSTS CHANGED FROM TIMBER TO STEEL DUE TO LOW CLEARANCE	1.00	LS
999-WC11	REMOBILIZATION FOR SUBCONTRACTOR TO INSTALL SIGNS ADDED DURING PUNCHLIST WALKTHROUGH	1.00	LS

This Change Order results in a decrease of \$61,412.38 to the Contract amount, for an adjusted Contract total of \$6,578,890.33. The original Contract amount was \$6,640,302.71. As a result of this final Change Order, \$61,412.38 was deducted from the Contract, resulting in a .92% net decrease in the Contract cost. Fifteen (15) days have been added for the work associated with the additional paving and striping on Chandler Road and repair of erosion on the project.

HNTB Corporation

James Klotz, P.E.

Clayton Weber

Item 110-6002 Channel Excavation

From: Clayton Weber
Sent: Tuesday, February 27, 2018 8:04 AM
To: Cerda, Ernest
Cc: 62811_1708-186_CR119; Blew, Stephanie; Seth Turvey; James Klotz; Flores, Ram; Eddie R. Church
Subject: RE: 1708-186 CR 119: RFI #3 follow up

*Addition 532 cy of Exrav
Required on upstream end of
Culvert #2.*

Thanks, we will add the quantity to the contract by change order.

Clayton K. Weber
Construction Manager
HNTB Corporation
M: 512-539-9342 O:512-527-6718

From: Cerda, Ernest [mailto:Ernest.Cerda@stantec.com]
Sent: Monday, February 26, 2018 7:30 PM
To: Clayton Weber <cweber@HNTB.com>
Cc: 62811_1708-186_CR119 <34275_RB_CR119@HNTB.com>; Blew, Stephanie <Stephanie.Blew@stantec.com>; Seth Turvey <sturvey@HNTB.com>; James Klotz <jklotz@HNTB.com>; Flores, Ram <Ram.Flores@stantec.com>; Eddie R. Church <erchurch@HNTB.com>
Subject: RE: 1708-186 CR 119: RFI #3 follow up

Clayton - Channel Excavation quantity due to the grading under the bridge is 3,300 CY.

Ernest Cerda
P.E.
Project Manager
Direct: (512) 469-5310



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From: Clayton Weber [mailto:cweber@HNTB.com]
Sent: Thursday, February 22, 2018 5:15 PM
To: Cerda, Ernest <Ernest.Cerda@stantec.com>
Cc: 62811_1708-186_CR119 <34275_RB_CR119@HNTB.com>; Blew, Stephanie <Stephanie.Blew@stantec.com>; Seth Turvey <sturvey@HNTB.com>; James Klotz <jklotz@HNTB.com>; Flores, Ram <Ram.Flores@stantec.com>; Eddie R. Church <erchurch@HNTB.com>
Subject: RE: 1708-186 CR 119: RFI #3 follow up

It is not critical, Monday is fine. thanks

Clayton K. Weber
Construction Manager
HNTB Corporation
M: 512-539-9342 O:512-527-6718

From: Cerda, Ernest [mailto:Ernest.Cerda@stantec.com]

Sent: Thursday, February 22, 2018 3:55 PM

To: Clayton Weber <cweber@HNTB.com>; Eddie R. Church <erchurch@HNTB.com>

Cc: 62811_1708-186_CR119 <34275_RB_CR119@HNTB.com>; Blew, Stephanie <Stephanie.Blew@stantec.com>; Seth Turvey <sturvey@HNTB.com>; James Klotz <jklotz@HNTB.com>; Flores, Ram <Ram.Flores@stantec.com>

Subject: RE: 1708-186 CR 119: RFI #3 follow up

Clayton/Eddie,

The attached pdf includes sta/offset/elev at key points of the proposed riprap at Cottonwood Creek bridge. We will get the channel excavation qty to you by Monday, Feb 26. (Please let me know if this info is critical at this point, and I'll get it to you sooner.)

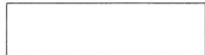
Thank you.

Ernest Cerda

P.E.

Project Manager

Direct: (512) 469-5310



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From: Clayton Weber [mailto:cweber@HNTB.com]

Sent: Thursday, February 01, 2018 5:22 PM

To: Cerda, Ernest <Ernest.Cerda@stantec.com>; Eddie R. Church <erchurch@HNTB.com>

Cc: 62811_1708-186_CR119 <34275_RB_CR119@HNTB.com>; Blew, Stephanie <Stephanie.Blew@stantec.com>; Seth Turvey <sturvey@HNTB.com>; James Klotz <jklotz@HNTB.com>

Subject: RE: 1708-186 CR 119: RFI #3 follow up

Do the plans include the survey data to construct the concrete rip slope that is under the bridge that is not being constructed on the project?

Clayton K. Weber

Construction Manager

HNTB Corporation

M: 512-539-9342 O: 512-527-6718

From: Cerda, Ernest [mailto:Ernest.Cerda@stantec.com]

Sent: Thursday, February 01, 2018 4:08 PM

To: Eddie R. Church <erchurch@HNTB.com>

Cc: 62811_1708-186_CR119 <34275_RB_CR119@HNTB.com>; Blew, Stephanie <Stephanie.Blew@stantec.com>; Seth Turvey <sturvey@HNTB.com>; Clayton Weber <cweber@HNTB.com>; James Klotz <jklotz@HNTB.com>

Subject: RE: 1708-186 CR 119: RFI #3

Eddie,

Please see RFI #3 Response attached. Let me know if there are any questions.

Thank you,
Ernest

Ernest Cerda
P.E.
Project Manager
Direct: (512) 469-5310



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From: Eddie R. Church [mailto:erchurch@HNTB.com]
Sent: Thursday, February 01, 2018 10:33 AM
To: Cerda, Ernest <Ernest.Cerda@stantec.com>
Cc: 62811_1708-186_CR119 <34275_RB_CR119@HNTB.com>; Blew, Stephanie <Stephanie.Blew@stantec.com>; Seth Turvey <sturvey@HNTB.com>; Clayton Weber <cweber@HNTB.com>; James Klotz <jklotz@HNTB.com>
Subject: 1708-186 CR 119: RFI #3
Importance: High

Ernest,

What is the status of RFI #3 that was sent to you on 1/24/2018? I have attached again.

Thank you,

Eddie R. Church, PE
Project Manager
Tel (512) 527-6723 Cell (512) 297-0524 Email erchurch@hntb.com

HNTB CORPORATION
101 E. Old Settlers Blvd., Ste. 100 | Round Rock, TX 78664 | hntb.com

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Item 464-6026

JOE BLAND CONSTRUCTION, L.P

13111 Dessau Road, Austin, Texas 78754

512-821-2808 Phone

512-821-2805 Fax

Pricing Breakdown

Project 1708-186
 CSJ
 County Williamson
 Highway CR 119

ITEM:

Pricing for CL V (24 IN) RCP

STATEMENT OF EQUIPMENT

TYPE			HRS	RATE	AMOUNT
4x2 Pick up truck 1/2 ton			3	11.92	\$ 35.76
Caterpillar 950G wheel loader			3	56.62	\$ 169.86
Caterpillar 320 Excavator			3	75.01	\$ 225.03
					\$ -
Subtotal or Total					\$ 430.65
15% Compensation					\$ 64.60
Equipment Total					\$ 495.25

STATEMENT OF LABOR

Labor	Quant	HRS	RATE	AMOUNT
Foreman	1	4.0	21.00	\$ 84.00
Pipelayer	3	4.0	20.00	\$ 240.00
Laborer, Common	1	4.0	17.50	\$ 70.00
Loader/Backhoe	1	4.0	19.00	\$ 76.00
				\$ -
Subtotal or Total				\$ 470.00
55% Labor Burden				\$ 258.50
25% Compensation				\$ 117.50
Labor Total				\$ 846.00

STATEMENT OF MATERIAL

DESCRIPTION	QUANTITY	Unit	PRICE	AMOUNT
CL V 24" RCP	48.00	LF	\$ 43.40	\$ 2,083.20
Bedding	48.00	Tons	\$ 11.00	\$ 528.00
				\$ -
Subtotal				\$ 2,611.20
25% Compensation				\$ 652.80
Material Total				\$ 3,264.00

STATEMENT OF SUBCONTRACTOR

DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
Haul bedding	48.00	Tons	\$ 5.25	\$ 252.00
				\$ -
Subtotal				\$ 252.00
5% Compensation				\$ 12.60
Subcontractor Total				\$ 264.60

Equipment Total	\$ 495.25
Labor Total	\$ 846.00
Material Total	\$ 3,264.00
Subcontractor Total	\$ 264.60
Subtotal	\$ 4,869.85
1% Bond	\$ 48.70
TOTAL	\$ 4,918.55

From: David Boone
Sent: Tuesday, July 24, 2018 2:50 PM
To: Eddie R. Church
Cc: 62811_1708-186_CR119
Subject: FW: 1708-186 CR 119 Driveway
Attachments: CR 119 RCP pricing.pdf; AVERAGE LOW BID UNIT PRICE CL V Pipe.docx

This is within averages.

David Boone
Senior Inspector
Main (512) 744-9082 Direct (512) 527-6724 Cell (512) 202-2191

HNTB CORPORATION

101 East Old Settler's Blvd. Ste. 100, Round Rock, TX 78664 | www.hntb.com

■ **100+ YEARS OF INFRASTRUCTURE SOLUTIONS**



From: Andrew Batten [<mailto:abatten@joeblandconstruction.com>]
Sent: Wednesday, June 27, 2018 7:22 AM
To: David Boone <daboone@HNTB.com>
Cc: James Klotz <jklotz@HNTB.com>; Clayton Weber <cweber@HNTB.com>; 62811_1708-186_CR119 <34275_RB_CR119@HNTB.com>; Eddie R. Church <erchurch@HNTB.com>
Subject: RE: 1708-186 CR 119 Driveway

Revised pricing.

THANKS,

ANDREW BATTEN
PROJECT MANAGER
OFFICE: 512.821.2808
CELL: 512.579.9221



13111 DESSAU ROAD
AUSTIN, TEXAS 78754
512-821-2808

From: David Boone [<mailto:daboone@HNTB.com>]
Sent: Tuesday, June 26, 2018 4:41 PM
To: Andrew Batten
Cc: James Klotz; Clayton Weber; 62811_1708-186_CR119; Eddie R. Church
Subject: Re: 1708-186 CR 119 Driveway

Two excavators instead of one isn't necessary, and what is a water truck needed for to install driveway pipe? Please revise and resubmit.

Sent from my iPhone

On Jun 26, 2018, at 4:25 PM, Andrew Batten <abatten@joeblandconstruction.com> wrote:

David,

The price per LF for 48' of Class V 24" RCP is \$112/LF. Please see attached pricing breakdown for equipment, labor, material, sub etc..

If you have any questions please let me know.

THANKS,

ANDREW BATTEN
PROJECT MANAGER
OFFICE: 512.821.2808
CELL: 512.579.9221
<image001.jpg>

From: David Boone [<mailto:daboone@HNTB.com>]
Sent: Monday, June 25, 2018 7:35 AM
To: Andrew Batten
Cc: James Klotz; Clayton Weber; 62811_1708-186_CR119; Eddie R. Church
Subject: 1708-186 CR 119 Driveway

Andrew,

The proposed driveway at Sta. 41+75 left will need Class V RCP due to lack of adequate cover, (dual 24", 24' EA barrel). Please provide a price per LF for Class V 24" RCP.

David Boone
Senior Inspector
Main (512) 744-9082 Direct (512) 527-6724 Cell (512) 202-2191

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101 East Old Settler's Blvd. Ste. 100, Round Rock, TX 78664 | www.hntb.com

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<image007.png> <image008.png> <image009.png> <image010.png>

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<DOC135.pdf>

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AVERAGE LOW BID UNIT PRICE - CONSTRUCTION - AUSTIN DISTRICT

464 6026	RC PIPE (CL V)(24 IN)	LF			119.000	144.00000	1
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AVERAGE LOW BID UNIT PRICE - CONSTRUCTION – STATEWIDE

464 6026	RC PIPE (CL V)(24 IN)	LF	424.000	88.43019	2,122.000	161.46761	10
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999-WC01
FORLE ACCOUNT

9/27/2018	3,532.11
9/28/2018	5,761.36
10/1/2018	4,476.69
10/2/2018	4,785.75
10/3/2018	6,793.01
10/4/2018	6,793.01
10/5/2018	4,476.69
2/22 - 2/28/2019	6,918.42
7/15 - 7/18/2019	<u>10,997.26</u>
	54,534.30

JOE BLAND CONSTRUCTION, L.P

13111 Dessau Road, Austin, Texas 78754

512-821-2808 Phone

512-821-2805 Fax

DAILY STATEMENT OF FORCE ACCOUNT WORK

Date of Work: 27-Sep-18

Project 1708-186
 Hwy CR 119
 County Williamson

Subcontractor
 General Contractor Joe Bland Construction, L.P.
 HNTB Inspector Dave Thomas

Type of Work Erosion Control-Cleaning mud from street after rain event STA 43+50 to STA 48+00

STATEMENT OF EQUIPMENT

TYPE	MAKE AND MODEL	YEAR	EQUIPMENT NUMBER (OR RENTAL VENDOR)	HOURS USED	RATE	AMOUNT
Motograder	Caterpillar 140			10	\$ 132.12	\$ 1,321.20
Loader	Caterpillar 950			10	\$ 73.37	\$ 733.70
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
Subtotal or Total						\$ 2,054.90
15% Compensation						\$ 308.24
Equipment Total						\$ 2,363.14

STATEMENT OF LABOR

NAME	CLASS.	HOURS		RATE		AMOUNT
		REG	OT	REG	OT	
Marco Granados		10.0		\$ 20.00		\$ 200.00
Francisco Riveria		10.0		\$ 17.00		\$ 170.00
David Herea		10.0		\$ 26.00		\$ 260.00
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
Subtotal or Total						\$ 630.00
55% Labor Burden						\$ 346.50
25% Compensation						\$ 157.50
Labor Total						\$ 1,134.00

STATEMENT OF MATERIAL (DELIVERED)

DESCRIPTION	QUANTITY	U/M	PRICE	AMOUNT
				\$ -
				\$ -
				\$ -
				\$ -
Subtotal or Total				\$ -
25% Compensation				\$ -
Material Total				\$ -

SUBTOTAL \$ 3,497.14
1% BOND \$ 34.97
TOTAL AMOUNT DUE: **\$ 3,532.11**

JOE BLAND CONSTRUCTION, L.P

13111 Dessau Road, Austin, Texas 78754

512-821-2808 Phone

512-821-2805 Fax

DAILY STATEMENT OF FORCE ACCOUNT WORK

Date of Work: 28-Sep-18

Project 1708-186
Hwy CR 119
County Williamson

Subcontractor
General Contractor Joe Bland Construction, L.P.
HNTB Inspector Dave Thomas

Type of Work Cut 2" of base and put back, excavator cleaned up sediment

STATEMENT OF EQUIPMENT

TYPE	MAKE AND MODEL	YEAR	EQUIPMENT NUMBER (OR RENTAL VENDOR)	HOURS USED	RATE	AMOUNT
Motograder	Caterpillar 140			10	\$ 132.12	\$ 1,321.20
Loader	Caterpillar 950			10	\$ 73.37	\$ 733.70
Excavator	Caterpillar 320			10	\$ 89.39	\$ 893.90
2-Dump truck				20	\$ 36.40	\$ 728.00
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
Subtotal or Total						\$ 3,676.80
15% Compensation						\$ 551.52
Equipment Total						\$ 4,228.32

STATEMENT OF LABOR

NAME	CLASS.	HOURS		RATE		AMOUNT
		REG	OT	REG	OT	
Marco Granados		10.0		\$ 20.00		\$ 200.00
Francisco Riveria		10.0		\$ 17.00		\$ 170.00
David Herea		10.0		\$ 26.00		\$ 260.00
Paul Zepata Jr.		10.0		\$ 19.00		\$ 190.00
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
Subtotal or Total						\$ 820.00
55% Labor Burden						\$ 451.00
25% Compensation						\$ 205.00
Labor Total						\$ 1,476.00

STATEMENT OF MATERIAL (DELIVERED)

DESCRIPTION	QUANTITY	U/M	PRICE	AMOUNT
				\$ -
				\$ -
				\$ -
				\$ -
Subtotal or Total				\$ -
25% Compensation				\$ -
Material Total				\$ -

SUBTOTAL \$ 5,704.32
1% BOND \$ 57.04
TOTAL AMOUNT DUE: \$ 5,761.36

JOE BLAND CONSTRUCTION, L.P

13111 Dessau Road, Austin, Texas 78754

512-821-2808 Phone

512-821-2805 Fax

DAILY STATEMENT OF FORCE ACCOUNT WORK

Date of Work: 1-Oct-18

Project 1708-186
Hwy CR 119
County Williamson

Subcontractor
General Contractor Joe Bland Construction, L.P.
HNTB Inspector Dave Thomas

Type of Work Two excavators cleaning out ditch and four trucks hauling off

STATEMENT OF EQUIPMENT

TYPE	MAKE AND MODEL	YEAR	EQUIPMENT NUMBER (OR RENTAL VENDOR)	HOURS USED	RATE	AMOUNT
						\$ -
2-Excavator	Caterpillar 320			20	\$ 89.39	\$ 1,787.80
4-Dump truck				40	\$ 36.40	\$ 1,456.00
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
Subtotal or Total						\$ 3,243.80
15% Compensation						\$ 486.57
Equipment Total						\$ 3,730.37

STATEMENT OF LABOR

NAME	CLASS.	HOURS		RATE		AMOUNT
		REG	OT	REG	OT	
Marco Granados		10.0		\$ 20.00		\$ 200.00
Paul Zepata Jr.		10.0		\$ 19.00		\$ 190.00
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
Subtotal or Total						\$ 390.00
55% Labor Burden						\$ 214.50
25% Compensation						\$ 97.50
Labor Total						\$ 702.00

STATEMENT OF MATERIAL (DELIVERED)

DESCRIPTION	QUANTITY	U/M	PRICE	AMOUNT
				\$ -
				\$ -
				\$ -
				\$ -
Subtotal or Total				\$ -
25% Compensation				\$ -
Material Total				\$ -

SUBTOTAL \$ 4,432.37
1% BOND \$ 44.32
TOTAL AMOUNT DUE: \$ 4,476.69

JOE BLAND CONSTRUCTION, L.P

13111 Dessau Road, Austin, Texas 78754

512-821-2808 Phone

512-821-2805 Fax

DAILY STATEMENT OF FORCE ACCOUNT WORK

Date of Work: 2-Oct-18

Project 1708-186
Hwy CR 119
County Williamson

Subcontractor
General Contractor Joe Bland Construction, L.P.
HNTB Inspector Dave Thomas

Type of Work Two excavators cleaning out ditch and four trucks hauling off. Cleaning out rock berms

STATEMENT OF EQUIPMENT

TYPE	MAKE AND MODEL	YEAR	EQUIPMENT NUMBER (OR RENTAL VENDOR)	HOURS USED	RATE	AMOUNT
						\$ -
						\$ -
2-Excavator	Caterpillar 320			20	\$ 89.39	\$ 1,787.80
4-Dump truck				40	\$ 36.40	\$ 1,456.00
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
Subtotal or Total						\$ 3,243.80
15% Compensation						\$ 486.57
Equipment Total						\$ 3,730.37

STATEMENT OF LABOR

NAME	CLASS.	HOURS		RATE		AMOUNT
		REG	OT	REG	OT	
Marco Granados		10.0		\$ 20.00		\$ 200.00
Paul Zepata Jr.		10.0		\$ 19.00		\$ 190.00
Francisco Rivera		10.0		\$ 17.00		\$ 170.00
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
Subtotal or Total						\$ 560.00
55% Labor Burden						\$ 308.00
25% Compensation						\$ 140.00
Labor Total						\$ 1,008.00

STATEMENT OF MATERIAL (DELIVERED)

DESCRIPTION	QUANTITY	U/M	PRICE	AMOUNT
				\$ -
				\$ -
				\$ -
				\$ -
Subtotal or Total				\$ -
25% Compensation				\$ -
Material Total				\$ -

SUBTOTAL \$ 4,738.37
1% BOND \$ 47.38
TOTAL AMOUNT DUE: \$ 4,785.75

JOE BLAND CONSTRUCTION, L.P

13111 Dessau Road, Austin, Texas 78754

512-821-2808 Phone

512-821-2805 Fax

DAILY STATEMENT OF FORCE ACCOUNT WORK

Date of Work: 3-Oct-18

Project 1708-186
Hwy CR 119
County Williamson

Subcontractor
General Contractor Joe Bland Construction, L.P.
HNTB Inspector Dave Thomas

Type of Work Two excavators cleaning out ditch and four trucks hauling off. Blade cleaning off sediment that has washed onto finished base

STATEMENT OF EQUIPMENT

TYPE	MAKE AND MODEL	YEAR	EQUIPMENT NUMBER (OR RENTAL VENDOR)	HOURS USED	RATE	AMOUNT
						\$ -
motograder	caterpillar 14M			10	\$ 132.12	\$ 1,321.20
2-Excavator	Caterpillar 320			20	\$ 89.39	\$ 1,787.80
4-Dump truck				40	\$ 36.40	\$ 1,456.00
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
Subtotal or Total						\$ 4,565.00
15% Compensation						\$ 684.75
Equipment Total						\$ 5,249.75

STATEMENT OF LABOR

NAME	CLASS.	HOURS		RATE		AMOUNT
		REG	OT	REG	OT	
Marco Granados		10.0		\$ 20.00		\$ 200.00
Paul Zepata Jr.		10.0		\$ 19.00		\$ 190.00
Francisco Rivera		10.0		\$ 17.00		\$ 170.00
David Herrera		10.0		\$ 26.00		\$ 260.00
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
Subtotal or Total						\$ 820.00
55% Labor Burden						\$ 451.00
25% Compensation						\$ 205.00
Labor Total						\$ 1,476.00

STATEMENT OF MATERIAL (DELIVERED)

DESCRIPTION	QUANTITY	U/M	PRICE	AMOUNT
				\$ -
				\$ -
				\$ -
				\$ -
Subtotal or Total				\$ -
25% Compensation				\$ -
Material Total				\$ -

SUBTOTAL \$ 6,725.75
1% BOND \$ 67.26
TOTAL AMOUNT DUE: \$ 6,793.01

JOE BLAND CONSTRUCTION, L.P

13111 Dessau Road, Austin, Texas 78754

512-821-2808 Phone

512-821-2805 Fax

DAILY STATEMENT OF FORCE ACCOUNT WORK

Date of Work: 4-Oct-18

Project 1708-186
Hwy CR 119
County Williamson

Subcontractor
General Contractor Joe Bland Construction, L.P.
HNTB Inspector Dave Thomas

Type of Work Two excavators cleaning out ditch and four trucks hauling off. Blade cleaning off sediment that has washed onto finished base

STATEMENT OF EQUIPMENT

TYPE	MAKE AND MODEL	YEAR	EQUIPMENT NUMBER (OR RENTAL VENDOR)	HOURS USED	RATE	AMOUNT
motograder	caterpillar 14M			10	\$ 132.12	\$ 1,321.20
2-Excavator	Caterpillar 320			20	\$ 89.39	\$ 1,787.80
4-Dump truck				40	\$ 36.40	\$ 1,456.00
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
Subtotal or Total						\$ 4,565.00
15% Compensation						\$ 684.75
Equipment Total						\$ 5,249.75

STATEMENT OF LABOR

NAME	CLASS.	HOURS		RATE		AMOUNT
		REG	OT	REG	OT	
Marco Granados		10.0		\$ 20.00		\$ 200.00
Paul Zepata Jr.		10.0		\$ 19.00		\$ 190.00
Francisco Rivera		10.0		\$ 17.00		\$ 170.00
David Herrera		10.0		\$ 26.00		\$ 260.00
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
Subtotal or Total						\$ 820.00
55% Labor Burden						\$ 451.00
25% Compensation						\$ 205.00
Labor Total						\$ 1,476.00

STATEMENT OF MATERIAL (DELIVERED)

DESCRIPTION	QUANTITY	U/M	PRICE	AMOUNT
				\$ -
				\$ -
				\$ -
				\$ -
Subtotal or Total				\$ -
25% Compensation				\$ -
Material Total				\$ -

SUBTOTAL \$ 6,725.75
1% BOND \$ 67.26
TOTAL AMOUNT DUE: \$ 6,793.01

JOE BLAND CONSTRUCTION, L.P

13111 Dessau Road, Austin, Texas 78754

512-821-2808 Phone

512-821-2805 Fax

DAILY STATEMENT OF FORCE ACCOUNT WORK

Date of Work: 5-Oct-18

Project 1708-186
Hwy CR 119
County Williamson

Subcontractor
General Contractor Joe Bland Construction, L.P.
HNTB Inspector Dave Thomas

Type of Work Two excavators cleaning out ditch and four trucks hauling off

STATEMENT OF EQUIPMENT

TYPE	MAKE AND MODEL	YEAR	EQUIPMENT NUMBER (OR RENTAL VENDOR)	HOURS USED	RATE	AMOUNT
						\$ -
						\$ -
2-Excavator	Caterpillar 320			20	\$ 89.39	\$ 1,787.80
4-Dump truck				40	\$ 36.40	\$ 1,456.00
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
Subtotal or Total						\$ 3,243.80
15% Compensation						\$ 486.57
Equipment Total						\$ 3,730.37

STATEMENT OF LABOR

NAME	CLASS.	HOURS		RATE		AMOUNT
		REG	OT	REG	OT	
Marco Granados		10.0		\$ 20.00		\$ 200.00
Paul Zepata Jr.		10.0		\$ 19.00		\$ 190.00
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
Subtotal or Total						\$ 390.00
55% Labor Burden						\$ 214.50
25% Compensation						\$ 97.50
Labor Total						\$ 702.00

STATEMENT OF MATERIAL (DELIVERED)

DESCRIPTION	QUANTITY	U/M	PRICE	AMOUNT
				\$ -
				\$ -
				\$ -
				\$ -
Subtotal or Total				\$ -
25% Compensation				\$ -
Material Total				\$ -

SUBTOTAL \$ 4,432.37
1% BOND \$ 44.32
TOTAL AMOUNT DUE: \$ 4,476.69

JOE BLAND CONSTRUCTION, L.P

13111 Dessau Road, Austin, Texas 78754

512-821-2808 Phone

512-821-2805 Fax

DAILY STATEMENT OF FORCE ACCOUNT WORK

Date of Work: 2/22/19-2/28/19

Project 1708-186
Hwy CR 119
County Williamson

Subcontractor
General Contractor Joe Bland Construction, L.P.
HNTB Inspector Dave Thomas

Type of Work Excavator Cleaning up drainage channel from heavy storm

STATEMENT OF EQUIPMENT

TYPE	MAKE AND MODEL	YEAR	EQUIPMENT NUMBER (OR RENTAL VENDOR)	HOURS USED	RATE	AMOUNT
						\$ -
Excavator	Caterpillar 320			50	\$ 89.39	\$ 4,469.50
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
Subtotal or Total						\$ 4,469.50
15% Compensation						\$ 670.43
Equipment Total						\$ 5,139.93

STATEMENT OF LABOR

NAME	CLASS.	HOURS		RATE		AMOUNT
		REG	OT	REG	OT	
Paul Zepata Jr.		50.0		\$ 19.00		\$ 950.00
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
Subtotal or Total						\$ 950.00
55% Labor Burden						\$ 522.50
25% Compensation						\$ 237.50
Labor Total						\$ 1,710.00

STATEMENT OF MATERIAL (DELIVERED)

DESCRIPTION	QUANTITY	U/M	PRICE	AMOUNT
				\$ -
				\$ -
				\$ -
				\$ -
Subtotal or Total				\$ -
25% Compensation				\$ -
Material Total				\$ -

SUBTOTAL \$ 6,849.93
1% BOND \$ 68.50
TOTAL AMOUNT DUE: **\$ 6,918.42**

JOE BLAND CONSTRUCTION, L.P

13111 Dessau Road, Austin, Texas 78754

512-821-2808 Phone

512-821-2805 Fax

DAILY STATEMENT OF FORCE ACCOUNT WORK

Date of Work: 7/15/19-7/18/19

Project 1708-186
 Hwy CR 119
 County Williamson

Subcontractor
 General Contractor Joe Bland Construction, L.P.
 HNTB Inspector Dave Thomas

Type of Work Erosion control cleanup

STATEMENT OF EQUIPMENT

TYPE	MAKE AND MODEL	YEAR	EQUIPMENT NUMBER (OR RENTAL VENDOR)	HOURS USED	RATE	AMOUNT
416 backhoe	Caterpillar			40	\$ 33.62	\$ 1,344.80
skid steer	Caterpillar			40	\$ 32.40	\$ 1,296.00
mini excavator	Caterpillar			40	\$ 21.63	\$ 865.20
Pickup truck	Dodge 3500			40	\$ 30.48	\$ 1,219.20
Dump truck				40	\$ 36.40	\$ 1,456.00
						\$ -
						\$ -
						\$ -
						\$ -
Subtotal or Total						\$ 6,181.20
15% Compensation						\$ 927.18
Equipment Total						\$ 7,108.38

STATEMENT OF LABOR

		HOURS		RATE		AMOUNT
		REG	OT	REG	OT	
1-Laborer		30.0		\$ 16.00		\$ 480.00
3-Operator		90.0		\$ 18.00		\$ 1,620.00
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
Subtotal or Total						\$ 2,100.00
55% Labor Burden						\$ 1,155.00
25% Compensation						\$ 525.00
Labor Total						\$ 3,780.00

STATEMENT OF MATERIAL (DELIVERED)

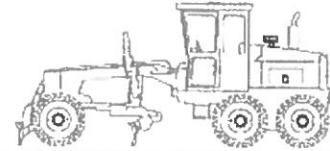
DESCRIPTION	QUANTITY	U/M	PRICE	AMOUNT
				\$ -
				\$ -
				\$ -
				\$ -
Subtotal or Total				\$ -
25% Compensation				\$ -
Material Total				\$ -

SUBTOTAL \$ 10,888.38
 1% BOND \$ 108.88
TOTAL AMOUNT DUE: \$ 10,997.26

Rental Rate Blue Book®

September 4, 2019

Caterpillar 14M (disc. 2015)
Articulated Frame Graders

Size Class:
250 HP & Over
Weight:
46796 HP

Configuration for 14M (disc. 2015)

Moldboard Size	14.0 ft	Net Horsepower	259.0 hp
Operator Protection	EROPS	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 \$13,575.00	USD \$3,800.00	USD \$950.00	USD \$145.00	USD \$63.55	USD \$140.68
Adjustments						
Region (Texas: 88.9%)	(USD \$1,506.82)	(USD \$421.80)	(USD \$105.45)	(USD \$16.09)		
Model Year (2015: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	USD \$12,068.17	USD \$3,378.20	USD \$844.55	USD \$128.90	USD \$63.55	USD \$132.12

Non-Active Use Rates

	Hourly
Standby Rate	USD \$37.71
Idling Rate	USD \$94.01

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	34%	USD \$4,615.50/mo
Overhaul (ownership)	45%	USD \$6,108.75/mo
CFC (ownership)	11%	USD \$1,493.25/mo
Indirect (ownership)	10%	USD \$1,357.50/mo
Fuel (operating) @ USD 3.07	40%	USD \$25.44/hr

Revised Date: 2nd half 2019

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The equipment represented in this report has been exclusively prepared for STEVE PACK
(stevepack@joeblandconstruction.com)

Rental Rate Blue Book®

September 4, 2019

Caterpillar 950 GC

4-Wd Articulated Wheel Loaders

Size Class:
225 - 249 HP
Weight:
HP


Configuration for 950 GC

Bucket Capacity - Heaped	5.8 cu yd	Net Horsepower	202 hp
Operator Protection	ROPS/FOPS	Power Mode	Diesel

Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

	Ownership Costs				Estimated Operating Costs	FHWA Rate**
	Monthly	Weekly	Daily	Hourly	Hourly	Hourly
Published Rates	USD \$6,920.00	USD \$1,940.00	USD \$485.00	USD \$73.00	USD \$38.42	USD \$77.74
Adjustments						
Region (Texas: 88.9%)	(USD \$768.12)	(USD \$215.34)	(USD \$53.83)	(USD \$8.10)		
Model Year (2019: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	USD \$6,151.88	USD \$1,724.66	USD \$431.17	USD \$64.90	USD \$38.42	USD \$73.37

Non-Active Use Rates

	Hourly
Standby Rate	USD \$22.02
Idling Rate	USD \$54.92

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	41%	USD \$2,837.20/mo
Overhaul (ownership)	37%	USD \$2,560.40/mo
CFC (ownership)	12%	USD \$830.40/mo
Indirect (ownership)	10%	USD \$692.00/mo
Fuel (operating) @ USD 3.07	52%	USD \$19.97/hr

Revised Date: 2nd half 2019

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Rental Rate Blue Book®

September 4, 2019

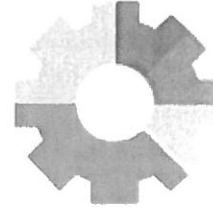
Miscellaneous 4X2 6YD DSL

On-Highway Rear Dumps

Size Class:

19,501 - 25,000 GVW

Weight:

8404 lbs

Configuration for 4X2 6YD DSL

Axle Configuration	4X2	Horsepower	200.0
Maximum Gross Vehicle Weight	25000.0 lbs	Power Mode	Diesel
Struck Capacity	5.0 - 6.0 cu yd		

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 \$2,170.00	USD \$610.00	USD \$155.00	USD \$23.00	USD \$25.13	USD \$37.46
Adjustments						
Region (Texas: 91.4%)	(USD \$186.62)	(USD \$52.46)	(USD \$13.33)	(USD \$1.98)		
Model Year (2019: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	USD \$1,983.38	USD \$557.54	USD \$141.67	USD \$21.02	USD \$25.13	USD \$36.40

Non-Active Use Rates

	Hourly
Standby Rate	USD \$7.78
Idling Rate	USD \$28.46

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	50%	USD \$1,085.00/mo
Overhaul (ownership)	31%	USD \$672.70/mo
CFC (ownership)	8%	USD \$173.60/mo
Indirect (ownership)	11%	USD \$238.70/mo
Fuel (operating) @ USD 3.07	68%	USD \$17.19/hr

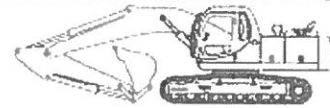
Revised Date: 2nd half 2019

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Rental Rate Blue Book®

September 4, 2019

Caterpillar 320C LU (disc. 2008)
Crawler Mounted Hydraulic Excavators

Size Class:
21.1 - 24.0 MTons
Weight:
51525 MT
Configuration for 320C LU (disc. 2008)

Bucket Capacity - Heaped	1.25 cu yd	Net Horsepower	138.0 hp
Operating Weight	23.0 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 \$8,265.00	USD \$2,315.00	USD \$580.00	USD \$87.00	USD \$46.84	USD \$93.80
Adjustments						
Region (Texas: 90.6%)	(USD \$776.91)	(USD \$217.61)	(USD \$54.52)	(USD \$8.18)		
Model Year (2008: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)						
Total:	USD \$7,488.09	USD \$2,097.39	USD \$525.48	USD \$78.82	USD \$46.84	USD \$89.39

Non-Active Use Rates

	Hourly
Standby Rate	USD \$22.55
Idling Rate	USD \$60.34

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	37%	USD \$3,058.05/mo
Overhaul (ownership)	47%	USD \$3,884.55/mo
CFC (ownership)	10%	USD \$826.50/mo
Indirect (ownership)	6%	USD \$495.90/mo
Fuel (operating) @ USD 3.07	38%	USD \$17.79/hr

Revised Date: 2nd half 2019

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Rental Rate Blue Book®

September 4, 2019

Caterpillar 416E (disc. 2014)

Tractor-Loader-Backhoes

Size Class:
14' to Under 15'
Weight:
14960 feet


Configuration for 416E (disc. 2014)

Drive	2WD	Loader Bucket Capacity—Heaped	1.25 cu yd
Net Horsepower	74.0 hp	Operator Protection	EROPS
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 \$2,980.00	USD \$835.00	USD \$210.00	USD \$32.00	USD \$18.57	USD \$35.50
Adjustments						
Region (Texas: 88.9%)	(USD \$330.78)	(USD \$92.68)	(USD \$23.31)	(USD \$3.55)		
Model Year (2014: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	USD \$2,649.22	USD \$742.32	USD \$186.69	USD \$28.45	USD \$18.57	USD \$33.62

Non-Active Use Rates

	Hourly
Standby Rate	USD \$8.28
Idling Rate	USD \$23.89

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	34%	USD \$1,013.20/mo
Overhaul (ownership)	45%	USD \$1,341.00/mo
CFC (ownership)	11%	USD \$327.80/mo
Indirect (ownership)	10%	USD \$298.00/mo
Fuel (operating) @ USD 3.07	48%	USD \$8.84/hr

Revised Date: 2nd half 2019

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Rental Rate Blue Book®

September 4, 2019

Caterpillar 236B SERIES 2 (disc. 2010)

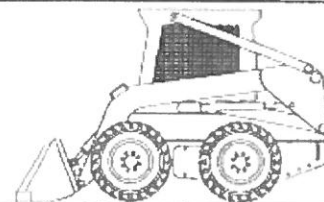
Skid Steer Loaders

Size Class

1751 - 2200 lbs

Weight

7007 lbs


Configuration for 236B SERIES 2 (disc. 2010)

Hydraulic Tank Capacity	9.2 gal	Net Horsepower	70.0 hp
Operating Capacity (Sae)	1950.0 lbs	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 \$2,880.00	USD \$805.00	USD \$200.00	USD \$30.00	USD \$17.85	USD \$34.21
Adjustments						
Region (Texas: 88.9%)	(USD \$319.68)	(USD \$89.36)	(USD \$22.20)	(USD \$3.33)		
Model Year (2010: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	USD \$2,560.32	USD \$715.65	USD \$177.80	USD \$26.67	USD \$17.85	USD \$32.40

Non-Active Use Rates

	Hourly
Standby Rate	USD \$5.24
Idling Rate	USD \$22.50

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	23%	USD \$662.40/mo
Overhaul (ownership)	64%	USD \$1,843.20/mo
CFC (ownership)	6%	USD \$172.80/mo
Indirect (ownership)	7%	USD \$201.60/mo
Fuel (operating) @ USD 3.07	45%	USD \$7.95/hr

Revised Date: 2nd half 2019

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(stevepack@joeblandconstruction.com)



BRANCH D77
10300 N INTERSTATE 35 PRONTA
ROAD
AUSTIN TX 78753-3709
512-491-6100



4235

RENTAL RETURN INVOICE

171406912-001

Job Site
Address
CR 1119
CR 119
x:LIMMER LOOP@CR 119
HUTTO TX 78634
Office: 512-821-2808 Cell: 512-801-0977

Customer # : 286144
Invoice Date : 07/15/19
Rental Out : 07/11/19 05:00 PM
Rental In : 07/15/19 08:58 AM
UR Job Loc : CR 119, HUTTO
UR Job # : 286
Customer Job ID:
P.O. # : STEVE WILL UPDATE
Ordered By : STEVE AGEE
Reserved By : MICHAEL KAHL
Salesperson : LIAM HOAGLAND

JOE BLAND CONSTRUCTION LP
13111 DESSAU RD
AUSTIN TX 78754-2039

Invoice Amount: \$956.68

Terms: Due Upon Receipt
Payment options: Contact our credit office 212-333-6600 Ext. 84817
REMIT TO: UNITED RENTALS (NORTH AMERICA), INC.
PO BOX 840514
DALLAS TX 75284-0514

786 021.2010 07

RENTAL ITEMS:							
Qty	Equipment	Description	Minimum	Day	Week	Month	Amount
1	10156739	MINI EXCAVATOR 7400-9199# Make: TAKEUCHI Model: TB235 Serial: 123503758 Meter out: 69.00 Meter in: 80.20		295.00	865.00	1690.00	865.00
1	907/0545	MINI EXCAVATOR BUCKET 24"		.01	.01	.01	.01
Rental Subtotal:							865.01
SALES/MISCELLANEOUS ITEMS:							
Qty	Item		Price		Unit of Measure		Extended Amt.
1	TX UNIT PROPERTY TAX	(DRSURT/MCI)	1.582		EACH		1.58
1	ENVIRONMENTAL SERVICE CHARGE	(ENV/MCI)	17.300		EACH		17.30
Sales/Misc Subtotal:							18.88
Agreement Subtotal:							883.89
Tax:							72.79
Total:							956.68

COMMENTS/NOTES:

CONTACT: STEVE AGEE
CELL#: 512-801-0977

THIS INVOICE IS ISSUED SUBJECT TO THE TERMS AND CONDITIONS OF THE RENTAL AGREEMENT, WHICH ARE INCORPORATED HEREIN BY REFERENCE.
A COPY OF THE RENTAL AGREEMENT IS AVAILABLE UPON REQUEST

You Can Now Access Invoice History and Update Purchase Orders Online
To Sign Up, contact URControlSupport@ur.com

Rental Rate Blue Book®

September 4, 2019

Dodge 3500

On-Highway Light Duty Trucks

Size Class:
300 HP & Over
Weight:
HP

Configuration for 3500

Axle Configuration	4.0 x 4.0	Cab Type	Crew
Horsepower	410.0 hp	Power Mode	Gasoline
Ton Rating	1.0		

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 \$1,175.00	USD \$330.00	USD \$83.00	USD \$12.00	USD \$24.38	USD \$31.06
Adjustments						
Region (Texas: 91.4%)	(USD \$101.05)	(USD \$28.38)	(USD \$7.14)	(USD \$1.03)		
Model Year (2019: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	USD \$1,073.95	USD \$301.62	USD \$75.86	USD \$10.97	USD \$24.38	USD \$30.48

Non-Active Use Rates

	Hourly
Standby Rate	USD \$4.33
Idling Rate	USD \$25.65

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	54%	USD \$634.50/mo
Overhaul (ownership)	29%	USD \$340.75/mo
CFC (ownership)	7%	USD \$82.25/mo
Indirect (ownership)	10%	USD \$117.50/mo
Fuel (operating) @ USD 2.51	80%	USD \$19.55/hr

Revised Date: 2nd half 2019

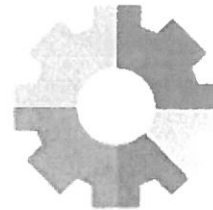
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Rental Rate Blue Book®

September 4, 2019

Miscellaneous 4X2 6YD DSL
On-Highway Rear Dumps

Size Class:
19,501 - 26,000 GVW
Weight:
8404 lbs

Configuration for 4X2 6YD DSL

Axle Configuration	4X2	Horsepower	200.0
Maximum Gross Vehicle Weight	25000.0 lbs	Power Mode	Diesel
Struck Capacity	5.0 - 6.0 cu yd		

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 \$2,170.00	USD \$610.00	USD \$155.00	USD \$23.00	USD \$25.13	USD \$37.46
Adjustments						
Region (Texas: 91.4%)	(USD \$186.62)	(USD \$52.46)	(USD \$13.33)	(USD \$1.98)		
Model Year (2019: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	USD \$1,983.38	USD \$557.54	USD \$141.67	USD \$21.02	USD \$25.13	USD \$36.40

Non-Active Use Rates

	Hourly
Standby Rate	USD \$7.78
Idling Rate	USD \$28.46

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	50%	USD \$1,085.00/mo
Overhaul (ownership)	31%	USD \$672.70/mo
CFC (ownership)	8%	USD \$173.60/mo
Indirect (ownership)	11%	USD \$238.70/mo
Fuel (operating) @ USD 3.07	68%	USD \$17.19/hr

Revised Date: 2nd half 2019

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(stevepack@joeblandconstruction.com)

Dawn Haggard

From: Andrew Batten <abatten@joeblandconstruction.com>
Sent: Friday, November 01, 2019 7:07 AM
To: Dawn Haggard
Subject: RE: 1708-186 CR 119: Balancing Change Order
Attachments: 1708-186 CR 119 Force Account Statement- Erosion Damage -Revised.pdf

Dawn,

My apologies forgot to hit send yesterday.

Please see revised. When I originally had these put together I was going off the rates they ladies had sent me which most all the guys received a dollar raise. I forgot that this work was done previous to that raise which reflects in the payroll.

It truly was an honest mistake.

THANKS,

ANDREW BATTEN
PROJECT MANAGER
OFFICE: 512.821.2808
CELL: 512.579.9221



From: Dawn Haggard [mailto:dhaggard@HNTB.com]
Sent: Thursday, October 31, 2019 8:48 AM
To: Andrew Batten <abatten@joeblandconstruction.com>
Subject: RE: 1708-186 CR 119: Balancing Change Order

Thank you.

Dawn Haggard
Williamson County Road Bond Program
Construction Project Administrator
Tel (512) 527-6714 Email dhaggard@hntb.com

From: Andrew Batten <abatten@joeblandconstruction.com>
Sent: Thursday, October 31, 2019 8:42 AM
To: Dawn Haggard <dhaggard@HNTB.com>
Subject: Re: 1708-186 CR 119: Balancing Change Order

Dawn,

I guess Clayton never sent the revised numbers to you. When I get back to the office I will send you all the revised sheets I sent him.

Andrew Batten
Project Manager
Joe Bland Construction, L.P

Sent from my iPhone

On Oct 31, 2019, at 8:38 AM, Dawn Haggard <dhaggard@hntb.com> wrote:

Why are the pay rates different than the backup? On the proposal, you have all labor rates as a dollar more per hour than the backup you provided.

Dawn Haggard
Williamson County Road Bond Program
Construction Project Administrator
Tel (512) 527-6714 Email dhaggard@hntb.com

From: Andrew Batten <abatten@joeblandconstruction.com>
Sent: Thursday, October 31, 2019 8:02 AM
To: Dawn Haggard <dhaggard@HNTB.com>
Cc: 62811_1708-186_CR119 <34275_RB_CR119@HNTB.com>
Subject: RE: 1708-186 CR 119: Balancing Change Order

Dawn,

Please see sheets 20-22 for certified payroll for dates(7/15-7/18).

Please let me know if you need anything else or more clarification.

THANKS,

ANDREW BATTEN
PROJECT MANAGER
OFFICE: 512.821.2808
CELL: 512.579.9221
<image001.jpg>

From: Dawn Haggard [<mailto:dhaggard@HNTB.com>]
Sent: Wednesday, October 30, 2019 4:21 PM
To: Andrew Batten <abatten@joeblandconstruction.com>
Cc: 62811_1708-186_CR119 <34275_RB_CR119@HNTB.com>
Subject: 1708-186 CR 119: Balancing Change Order

I was processing the balancing change order. There is an item that includes additional labor. There is no backup for the labor, One was for a Laborer and one was from an Operator. Please provide backup for the extra labor (dated 7/15-7/18).

Dawn Haggard
Williamson County Road Bond Program
Construction Project Administrator
Tel (512) 744-9082 ext 16714 Direct (512) 527-6714 email dhaggard@hntb.com

HNTB CORPORATION
101 E Old Settlers Blvd. Suite 100, Round Rock, TX 78664 | www.hntb.com

CERTIFIED PAYROLL REPORT

PAGE 1 OF PAYROLL NO.

WEEK ENDING - 09/09/2018

Job 786 CR 119

WAGE DECISION NO.
CONTRACT NUMBER

TX
HUTO

CONTRACT START 12/15/2017

[illegible]

Job 786 CR 119

CR 119

TX

HUTTO

WAGE DECISION NO.
CONTRACT NUMBER

CONTRACT START 12/15/2017

----- HOURS WORKED THIS JOB -----										--- THIS Job ---			----- THIS WEEK -----						
NAME ADDRESS ZIP CODE/ SOCIAL SEC#/ EXM			S E MIN	9/ 24 MON	9/ 25 TUE	9/ 26 WED	9/ 27 THU	9/ 28 FRI	9/ 29 SAT	9/ 30 SUN	TOT HOUR	TX ADJ	CHK DATE	FICA BENEFITS	FUTA ST W/T	SDI UNION	TOT PAY NET PAY	TOT ST TOT OV	TOT HR\$ TOT OT
WORK CLASS X CDE												PAY RATE		TOT PAY	LOC W/T	SUT W/T	CHECK #		
David Herrera	1390 MtrFineGrd M 2		.00	10.00	10.00	10.00	10.00	2.00	.00	.00	32.00	ST 25.000	.00	100518	118.55	.00	1692.30	56.00	
1302 Atterbury Lane	1390 MtrFineGrd		.00	.00	.00	.00	.00	8.00	8.00	.00	16.00	OV 37.500	.00	80.76	247.24	.00	508.45	40.00	
Austin TX			.00	.00	.00	.00	.00			.00			.00	.00	.00	142.66	1183.85	16.00	
78753 XXX-XX-5619 00			.00							.00			1480.76	.00	.00	.00	000281759	.00	
HRB 162 Bup Up CH Emplo	212.10		HRB PRD 990	650	Truck Allow-Fld Direct Deposit	92.30	HRD 152	BU-Chld	118.89										
HRD 400 Life - Voluntar	23.77								1,183.85										
David Serna	1124 Cnc Fn Pv M 2		.00	.00	10.50	9.50	.00	.00	.00	.00	20.00	ST 19.500	.00	100518	92.69	.00	1248.01	56.00	
149 Royal Road	1124 Cnc Fn Pv		.00	.00	.00	.50	10.00	5.50	.00	.00	16.00	OV 29.250	.00	.00	118.17	.00	247.27	40.00	
Cedar Creek TX			.00							.00			.00	.00	.00	36.41	1000.74	16.00	
78612 XXX-XX-3465 01			.00							.00			858.01	.00	.00	.00	000281767	.00	
HRB 160 Buy Up EE Emplo	121.14		HRD PRD 990	150	Bu-Emp	35.11	HRD 300	Vis-Emp	1.30										
PRD 990 Direct Deposit	1,000.74																		
Israel Quinones	1172 Labor Com M 2		.00	.00	11.00	9.00	.00	.00	.00	.00	20.00	ST 20.000	.00	100518	96.62	.00	1310.00	57.00	
16401 Hamilton Point Circl	1172 Labor Com		.00	.00	.00	1.00	10.00	6.00	.00	.00	17.00	OV 30.000	.00	.00	166.63	.00	310.22	40.00	
Manor TX			.00							.00			.00	.00	.00	46.97	999.78	17.00	
78653 XXX-XX-9603 01			.00							.00			910.00	.00	.00	.00	000281768	.00	
HRB 110 Base EE Employee	115.55		HRD PRD 990	100	B-Emp	22.46	HRD 251	PPO-D-Sp	10.80										
HRD 400 Life - Voluntar	13.71							Direct Deposit	999.78										
Marco A Granados	1369 Frnt EndLd M 2		.00	10.00	10.00	10.00	10.00	2.00	.00	.00	32.00	ST 19.000	.00	100518	89.44	.00	1216.00	56.00	
1403 Waterfall Ave	1369 Frnt EndLd		.00	.00	.00	.00	.00	8.00	8.00	.00	16.00	OV 28.500	.00	.00	110.87	.00	247.12	40.00	
Leander TX			.00							.00			.00	.00	.00	46.81	968.88	16.00	
78641 XXX-XX-3191 03			.00							.00			1064.00	.00	.00	.00	000281708	.00	
HRB 160 Buy Up EE Emplo	121.14		HRD PRD 990	150	Bu-Emp	35.11	HRD 250	PPO-D-Emp	5.20										
HRD 301 Vis-Sp	2.58							Life - Voluntar	3.92										
PRD 990 Direct Deposit	923.88																		
Benito S Luna	1130 Cncrte Fin M 2		.00	.00	11.00	9.00	.00	.00	.00	.00	20.00	ST 19.000	.00	100518	91.90	.00	1230.25	56.50	
400 E 2nd Street	1130 Cncrte Fin		.00	.00	.00	1.00	10.00	5.50	.00	.00	16.50	OV 28.500	.00	.00	170.60	.00	291.46	40.00	
Elgin TX			.00							.00			.00	.00	.00	28.96	938.79	16.50	
78621 XXX-XX-9235 00			.00							.00			850.25	.00	.00	.00	000281769	.00	
HRB 110 Base EE Employee	115.55		HRD PRD 990	100	B-Emp	22.46	HRD 250	PPO-D-Emp	5.20										
HRD 300 Vis-Emp	1.30																		

CERTIFIED PAYROLL REPORT

WEEK ENDING - 09/30/2018

PAGE 3 OF PAYROLL NO.

Job 786 CR 119

WAGE DECISION NO.
CONTRACT NUMBER

HUTTO TX

CONTRACT START 12/15/2017

[illegible][illegible]

10 000 Joe Bland Construction,LP
13111 Dessau Road
Austin TX 78754
512-821-2808 FED ID# 74-2780284

TIME 14:11 PAGE 1

DATE 10/01/2019 PRP494

CERTIFIED PAYROLL REPORT

WAGE DECISION NO.
CONTRACT NUMBER

PAGE 1 OF PAYROLL NO. _____

WEEK ENDING - 10/07/2018

Job 786 CR 119

TX

HUTTO

CONTRACT START 12/15/2017

TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX		TX	
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DATE 10/01/2019 PRP494 10 000 Joe Bland Construction,LP
13111 Dessau Road
Austin TX 78754
512-821-2808 FED ID# 74-2780284

TIME 14:11 PAGE 3

WEEK ENDING - 10/07/2018

CERTIFIED PAYROLL REPORT

WAGE DECISION NO.
CONTRACT NUMBER

CONTRACT START 12/15/2017

PAGE 3 OF PAYROLL NO. TX
Job 786 CR 119 HUTTO

HOURS WORKED THIS Job										THIS Job		THIS WEEK	
NAME	S	10/	10/	10/	10/	10/	10/	10/	10/	TX TVL	CHK DATE	FICA	TOT PAY
ADDRESS	E MIN	01	02	03	04	05	06	07	07	NTX TVL	BENEFITS	FED W/T	TOT DED
ZIP CODE/ SOCIAL SECH/ EXM	WORK CLASS X CDE	MON	TUE	WED	THU	FRI	SAT	SUN	TOT TY	TX ADJ	SCK PAY	ST W/T	NET PAY
									HR	NTX ADJ	TOT PAY	LOC W/T	CHECK #
												SUT W/T	TOT OT
HRB 110 Base EE Employee 115.55													
PRD 990 Direct Deposit 171.99													
Francisco Rivera 1405 RlrSif Pro M 2		10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	40.00	ST 16.000	HRD 300	1.30
5115 Delores Ave		.00	.00	.00	.00	10.00	8.00	.00	18.00	OV 24.000			
Austin TX		.00	.00	.00	.00	.00	.00	.00	.00	.00	101218	81.91	1072.00
78721 XXX-XX-7250 02		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	106.76	189.97
											.00	.00	882.03
											1072.00	.00	000282073
HRB 060 Low EE Employer 119.56													
HRD 300 Vis-Emp													
Antonio G Hernandez 1118 Carpenter M 2		10.50	11.00	11.00	7.50	.00	.00	.00	40.00	ST 19.500			
304 Hedgewood Dr		.00	.00	.00	3.50	10.50	11.00	.00	25.00	OV 29.250			
Georgetown TX		.00	.00	.00	.00	.00	.00	.00	.00	.00	101218	108.49	1511.26
78628 XXX-XX-4783 01		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	149.16	350.74
											.00	.00	1160.52
											1511.26	.00	000282084
HRB 061 Low SP Employer 185.78													
HRD 300 Vis-Emp													
Armando Jaime Leal 1342 Crn/Bckhoe M 2		10.00	10.00	10.00	10.00	.00	.00	.00	40.00	ST 20.000			
5411 Overbrook Drive		.00	.00	.00	.00	10.00	.00	.00	10.00	OV 30.000			
Austin TX		.00	.00	.00	.00	.00	.00	.00	.00	.00	101218	83.37	1100.00
78723 XXX-XX-2602 02		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	87.95	181.41
											.00	.00	40.00
											1100.00	.00	918.59
											.00	.00	10.09
											1100.00	.00	000281953
HRB 060 Low EE Employer 119.56													
PRD 990 Direct Deposit													
Christopher Jorge Gamba 1369 Frnt EndLd M 7		10.00	10.00	10.00	10.00	.00	.00	.00	40.00	ST 18.000			
507 East St		.00	.00	.00	.00	10.00	8.00	.00	18.00	OV 27.000			
Thrall TX		.00	.00	.00	.00	.00	.00	.00	.00	.00	101218	91.95	1206.00
76578 XXX-XX-8890 01		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	153.18	249.22
											.00	.00	4.09
											1206.00	.00	956.78
											.00	.00	000282023
HRB 060 Low EE Employer 119.56													
PRD 990 Direct Deposit													
Paul J Zapata Jr 16920 Hayride Circle		10.00	10.00	10.00	10.00	.00	.00	.00	40.00	ST 19.000			
Del Valle TX		.00	.00	.00	.00	10.00	.00	.00	10.00	OV 28.500			
78617 XXX-XX-7420 01		.00	.00	.00	.00	.00	.00	.00	.00	.00	101218	79.94	1045.00
											.00	.00	173.12
											.00	.00	871.88
											1045.00	.00	000282074
PRD 990 Direct Deposit 871.88													
Jose F Pina Ldr/BH Opttr M 2		10.00	10.00	10.00	10.00	.00	.00	.00	40.00	ST 15.000			
315 Gano St		.00	.00	.00	.00	10.00	8.00	.00	18.00	OV 22.500			
Taylor TX		.00	.00	.00	.00	.00	.00	.00	.00	.00	101218	76.88	1005.00
76574 XXX-XX-4754 03		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	63.24	140.12
											.00	.00	864.88
											1005.00	.00	000282076

		HOURS WORKED THIS Job														THIS Job		THIS WEEK						
		2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	TX TVL	CHK DATE	FICA	SDI	TOT PAY	TOT DED	TOT ST	TOT ST	TOT OT
NAME	S	18	19	20	21	22	23	24	TOT	TY	PAY	TX TVL	TX ADJ	TX ADJ	TX ADJ	NTX TVL	BENEFITS	FED W/T	UNION	TOT PAY	TOT DED	TOT ST	TOT ST	TOT OT
ADDRESS	E MIN	MON	TUE	WED	THU	FRI	SAT	SUN	HR	HR	RATE	NTX TVL	TX ADJ	TX ADJ	TX ADJ	NTX TVL	SCK PAY	ST W/T	OTHER	NET PAY	TOT DED	TOT ST	TOT ST	TOT OT
ZIP CODE/ SOCIAL SEC#/ EXM	WORK CLASS X CDE	MON	TUE	WED	THU	FRI	SAT	SUN	HR	HR	RATE	NTX TVL	TX ADJ	TX ADJ	TX ADJ	NTX TVL	TOT PAY	LOC W/T	SUT W/T	CHECK #				
David Herrera	1390 MtrFineGrd M 2	10.00	3.50	10.50	10.00	6.00	.00	.00	40.00	ST	25.000	.00	.00	.00	.00	.00	030119	95.60	.00	1392.30		48.00		
1302 Atterbury Lane		.00										.00	.00	.00	.00	.00	71.00	179.22	.00	417.48		40.00		
Austin TX		.00										.00	.00	.00	.00	.00	.00	.00	142.66	974.82		8.00		
78753 XXX-XX-5619 00		.00										.00	.00	.00	.00	.00	1071.00	.00	.00	000288635		.00		
HRB 162	Bup Up CH Emplo	212.10	HRB 650	Truck Allow-Fld	92.30	HRD 152	BU-Chld	118.89																
HRD 400	Life - Voluntar	23.77	PRD 990	Direct Deposit	974.82																			
Marcelino Soto	1306 Bulldozer M 2	10.00	3.50	10.50	10.00	6.00	.00	.00	40.00	ST	20.000	.00	.00	.00	.00	.00	030119	67.59	.00	920.00		44.00		
P O Box 281		.00	.00	.00	.00	.00	.00	.00	4.00	OV	30.000	.00	.00	.00	.00	.00	.00	71.33	.00	175.33		40.00		
Manchaca TX		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	36.41	744.67		4.00		
78652 XXX-XX-3798 00		.00										.00	.00	.00	.00	.00	920.00	.00	.00	000288714		.00		
HRB 160	Buy Up EE Emplo	121.14	HRD 150	Bu-Emp	35.11	HRD 300	Vis-Emp	1.30																
Felipe M Flores	Survey M 2	10.00	.00	.00	.00	.00	.00	.00	10.00	ST	18.000	.00	.00	.00	.00	.00	030119	77.80	.00	1017.00		51.00		
5509 North Imperial Dr		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	155.44		40.00		
Austin TX		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	861.56		11.00		
78724 XXX-XX-0560 01		.00										.00	.00	.00	.00	.00	450.00	.00	.00	000288724		.00		
HRB 060	Low EE Employer	119.56	PRD 990	Direct Deposit	861.56																			
Emeterio Cervantes	1342 Crn/Bckhoe M 2	10.00	3.50	10.50	10.00	6.00	.00	.00	40.00	ST	20.000	.00	.00	.00	.00	.00	030119	70.38	.00	920.00		44.00		
290 Cool Water Dr		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	28.90	.00	99.28		40.00		
Bastrop TX		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	820.72		4.00		
78602 XXX-XX-3419 05		.00										.00	.00	.00	.00	.00	920.00	.00	.00	000288588		.00		
HRB 060	Low EE Employer	119.56	PRD 990	Direct Deposit	820.72																			
Marco A Granados	1369 Frnt Endld M 2	10.00	3.50	10.50	10.00	6.00	.00	.00	40.00	ST	19.000	.00	.00	.00	.00	.00	030119	80.72	.00	1102.00		52.00		
1403 Waterfall Ave		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	85.03	.00	212.56		40.00		
Leander TX		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	46.81	889.44		12.00		
78641 XXX-XX-3191 03		.00										.00	.00	.00	.00	.00	874.00	.00	.00	000288590		.00		
HRB 160	Buy Up EE Emplo	121.14	HRD 150	Bu-Emp	35.11	HRD 250	PPO-D-Emp	5.20																
HRD 301	Vis-Sp	2.58	HRD 400	Life - Voluntar	3.92	PRD 895	Savings Deposit	45.00																
PRD 990	Direct Deposit	844.44																						
Francisco Rivera	1405 RlrSif Pro M 2	10.00	3.50	10.50	10.00	6.00	.00	.00	40.00	ST	16.000	.00	.00	.00	.00	.00	030119	63.55	.00	832.00		48.00		
5115 Delores Ave		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	67.79	.00	132.64		40.00		
Austin TX		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.30	699.36		8.00		
78721 XXX-XX-7250 02		.00										.00	.00	.00	.00	.00	640.00	.00	.00	000288638		.00		

WAGE DECISION NO.
CONTRACT NUMBER

CONTRACT START 12/15/2017

CERTIFIED PAYROLL REPORT

PAGE 2 OF PAYROLL NO. TX

Job 786 CR 119 HUTTO

TX		HUTTO		CONTRACT START														12/15/2017																		
		----- THIS Job -----														----- THIS WEEK -----																				
		HOURS WORKED THIS Job							TX TVL							CHK DATE		FICA		SDI		TOT PAY		TOT HRS												
		2/ 2/ 2/ 2/ 2/ 2/ 2/							2/ 2/ 2/ 2/ 2/ 2/ 2/							TX TVL							BENEFITS		FED W/T		UNION		TOT DED		TOT ST					
		S E MIN							18 19 20 21 22 23 24							TX ADJ							SCK PAY		ST W/T		OTHER		NET PAY		TOT OV					
		ZIP CODE/ SOCIAL SEC#/ EXM WORK CLASS X CDE							MON TUE WED THU FRI SAT SUN							TX ADJ							TOT PAY		LOC W/T		SUT W/T		CHECK #		TOT OT					
HRB 060 Low EE Employer 119.56		HRD 300 Vis-Emp 1.30																																		
Jesus Delgado 1172 Labor Com M 2 10.00		.00 .00 .00 .00 .00 .00 .00							.00 10.00 ST 16.000							.00							030119		69.16		.00		904.00		51.00					
12609 Dessau Rd 1172 Labor Com .00		.00 .00 .00 .00 .00 .00 .00							.00 10.00 OV 24.000							.00							.00		76.59		.00		145.75		40.00					
Austin TX 78754 XXX-XX-9851 02 .00																.00							.00		.00		.00		758.25		11.00					
																.00							400.00		.00		.00		000288639		.00					
HRB 060 Low EE Employer 119.56		PRD 990 Direct Deposit 758.25																																		
Christopher Jorge Gamba 1369 Frnt EndLd M 7 10.00		3.50 10.50 10.00 6.00 .00							.00 40.00 ST 18.000							.00							030119		54.77		.00		720.00		40.00					
507 East St .00																.00							.00		63.71		.00		122.57		40.00					
Thrall TX 76578 XXX-XX-8890 01 .00																.00							.00		.00		4.09		597.43		.00					
																.00							720.00		.00		.00		000288593		.00					
HRB 060 Low EE Employer 119.56		HRD 200 DHMO-D-Emp 2.79							HRD 300 Vis-Emp 1.30																											
Ranferi Ramos Jaimes 1390 MtrFineGrd M 2 10.50		3.50 10.50 10.00 .00 .00							.00 34.50 ST 19.500							.00							030119		51.46		.00		672.75		34.50					
9345 Hwy 290 .00																.00							.00		48.84		.00		100.30		34.50					
Austin TX 78724 XXX-XX-6493 02 .00																.00							.00		.00		.00		572.45		.00					
																.00							672.75		.00		.00		000288735		.00					
PRD 990 Direct Deposit 572.45																																				
Jose F Pina Ldr/BH Opttr M 2 10.00		3.50 10.50 10.00 6.00 .00							.00 40.00 ST 17.000							.00							030119		67.63		.00		884.00		48.00					
315 Gano St .00																.00							.00		42.29		.00		109.92		40.00					
Taylor TX 76574 XXX-XX-4754 03 .00																.00							.00		.00		.00		774.08		8.00					
																.00							680.00		.00		.00		000288641		.00					
PRD 990 Direct Deposit 774.08																																				

Job	TOTALS	- - - - -	- T O T A L	H O U R S	T H I S	W E E K -	- - - - -	T O T	T Y
								HRS	HR
	100.50	28.00	84.00	80.00	42.00	.00	.00	334.50	ST
	.00	.00	.00	.00	32.00	.00	.00	32.00	OV
	.00	.00	.00	.00	.00	.00	.00	.00	OT

TX TVL	NTX TVL	TX ADJ	NTX ADJ	BENEFITS	HOL PAY	SICK PAY	TOTAL PAY
.00	.00	.00	.00	.00	.00	.00	7347.75

MINORITY CODES 1-African America 2-Hispanic 3-American Indian 4-Asian American 5-Other 6-Native Hawaian/ 7-Caucasian

10 000 Joe Bland Construction,LP
13111 Dessau Road
Austin TX 78754
512-821-2808 FED ID# 74-2780284

TIME 14:11 PAGE 1

DATE 10/01/2019 PRP494

CERTIFIED PAYROLL REPORT

WEEK ENDING - 03/03/2019

PAGE 1 OF ____ PAYROLL NO. ____

WAGE DECISION NO.
CONTRACT NUMBER

CONTRACT START 12/15/2017

Job 786 CR 119 HUTTO TX

TX		HOURS WORKED THIS Job												THIS Job			CONTRACT START							12/15/2017											
TX		S		2/		2/		2/		3/		3/		3/		TX TVL		CHK DATE		FICA		THIS WEEK			TOT HRS										
ADDRESS		E MIN		25		26		27		28		01		02		03		TX TVL		BENEFITS		FED W/T		TOT DED		TOT ST									
ZIP CODE/ SOCIAL SEC#/ EXM		WORK CLASS X CDE		MON		TUE		WED		THU		FRI		SAT		SUN		TX ADJ		SCK PAY		LOC W/T		NET PAY		TOT OV									
																		NTX ADJ		TOT PAY		SUT W/T		CHECK #		TOT OT									
David Herrera				1390 MtrFineGrd M 2		.00		.00		.00		10.00		8.00		.00		18.00		OV 37.500		.00		030819		125.72		.00		1786.05		58.50			
1302 Atterbury Lane						.00												.00		36.79		265.85		.00		534.23		.00		40.00					
Austin TX						.00												.00		.00		.00		142.66		1251.82		.00		18.50					
78753 XXX-XX-5619 00						.00												.00		711.79		.00		.00		000288952		.00		.00					
HRB 162				Bup Up CH Emplo		212.10		HRB 650		Truck Allow-Fld		92.30		HRD 152		118.89																			
HRD 400				Life - Voluntar		23.77		PRD 990		Direct Deposit		1,251.82																							
Marcelino Soto				1306 Bulldozer M 2		10.00		8.00		10.00		10.00		2.00		.00		.00		40.00		ST 20.000		.00		030819		95.13		.00		1280.00		56.00	
P O Box 281				1306 Bulldozer		.00		.00		.00		8.00		8.00		.00		.00		16.00		OV 30.000		.00		.00		114.53		.00		246.07		40.00	
Manchaca TX						.00												.00		.00		.00		.00		.00		36.41		1033.93		16.00			
78652 XXX-XX-3798 00						.00												.00		1280.00		.00		.00		.00		000289031		.00		.00			
HRB 160				Buy Up EE Emplo		121.14		HRD 150		Bu-Emp		35.11		HRD 300		1.30																			
Emeterio Cervantes				1342 Crn/Bckhoe M 2		10.00		11.00		10.00		9.00		.00		.00		.00		40.00		ST 20.000		.00		030819		63.50		.00		830.00		41.00	
290 Cool Water Dr				1342 Crn/Bckhoe		.00		.00		.00		1.00		.00		.00		.00		1.00		OV 30.000		.00		.00		19.90		.00		83.40		40.00	
Bastrop TX						.00		.00										.00		.00		.00		.00		.00		.00		746.60		1.00			
78602 XXX-XX-3419 05						.00												.00		830.00		.00		.00		.00		.00		000288904		.00			
HRB 060				Low EE Employer		119.56		PRD 990		Direct Deposit		746.60																							
Marco A Granados				1369 Frnt EndLd M 2		.00		.00		.00		10.00		8.00		.00		18.00		OV 28.500		.00		030819		94.90		.00		1287.25		58.50			
1403 Waterfall Ave						.00												.00		.00		.00		.00		123.87		.00		265.58		40.00			
Leander TX						.00												.00		.00		.00		.00		.00		.00		46.81		1021.67		18.50	
78641 XXX-XX-3191 03						.00												.00		513.00		.00		.00		.00		.00		000288906		.00			
HRB 160				Buy Up EE Emplo		121.14		HRD 150		Bu-Emp		35.11		HRD 250		5.20																			
HRD 301				Vis-Sp		2.58		HRD 400		Life - Voluntar		3.92		PRD 895		45.00																			
PRD 990				Direct Deposit		976.67																													
Francisco Rivera				1405 RlrSlf Pro M 2		.00		.00		.00		10.00		8.00		.00		18.00		OV 24.000		.00		030819		82.83		.00		1084.00		58.50			
5115 Delores Ave						.00												.00		.00		.00		.00		106.94		.00		191.07		40.00			
Austin TX						.00												.00		.00		.00		.00		.00		1.30		892.93		18.50			
78721 XXX-XX-7250 02						.00												.00		432.00		.00		.00		.00		.00		000288955		.00			
HRB 060				Low EE Employer		119.56		HRD 300		Vis-Emp		1.30																							
Jesus Delgado				1172 Labor Com M 2		.00		.00		.00		10.00		.00		.00		10.00		OV 25.500		.00		030819		81.29		.00		1062.50		55.00			
12609 Dessau Rd						.00												.00		.00		.00		.00		102.50		.00		183.79		40.00			
Austin TX						.00												.00		.00		.00		.00		.00		.00		878.71		15.00			
78754 XXX-XX-9851 02						.00												.00		255.00		.00		.00		.00		.00		000288956		.00			

Clayton Weber*Chandler Rd
LTL pricing*

From: Andrew Batten <abatten@joeblandconstruction.com>
Sent: Wednesday, September 4, 2019 10:32 AM
To: Clayton Weber
Subject: RE: CR 119 Final Quantities
Attachments: 1708-186 PA# 19 Draft Final Quantities.pdf

Items we still have not billed for. These items were added for the Chandler road work.

Chandler Road

D-GR HMA TY-D SAC-B PG70-22	821.98 TONS	\$91.02/TON	✓ \$74,816.62	999-WC05
PLANE ASPH CONC PAVE (0-1.5")	934 SY	\$12.45/SY	✓ \$11,628.30	354-6051
TRAFFIC CONTROL	1 LS	\$2,332	✓ \$2,332.00	} 999-WC06
TABS	100 EA	\$1.06/EA	✓ \$106.00	
REFL PAV MRK TY I(W)8"(DOT)(100MIL)	72 LF	\$1.58/LF	✓ \$113.76	666-6030
REF PAV MRK TY II (W) 8"	72 LF	\$0.32/LF	✓ \$23.04	666-6176

I also attached the latest pay app with added final quantities. BMP hasn't finished the fertilizer but is going to put it out either later this month or next when it hopefully cools off and the temps drop.

THANKS,

ANDREW BATTEN
PROJECT MANAGER
OFFICE: 512.821.2808
CELL: 512.579.9221



13111 DESSAU ROAD
AUSTIN, TEXAS 78754
512-821-2808

From: Clayton Weber [mailto:cweber@HNTB.com]
Sent: Tuesday, September 3, 2019 3:21 PM
To: Andrew Batten
Subject: CR 119 Final Quantities

I did not receive the email with the final quantities. Can you resend.

Clayton K. Weber, Construction Manager
Tel (512) 744-9082 Cell (512) 539-9342 Email cweber@hntb.com

HNTB CORPORATION

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AND MORE THAN 100 YEARS IN THE REGION
101 E. Old Settlers Blvd, Ste 100 | Round Rock, Texas 78664 | hntb.com

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Clayton Weber

From: Andrew Batten <abatten@joeblandconstruction.com>
Sent: Monday, January 21, 2019 3:56 PM
To: Eddie R. Church
Cc: 62811_1708-186_CR119; Dawn Haggard; Clayton Weber; David Thomas
Subject: RE: 1708-186 CR 119 - Chandler Road LTL
Attachments: striping change order.pdf

Eddie,

Please see below prices for the following requested items.

- 994-4245 • **D-GR HMA TY-D SAC-B PG70-22 570 TONS** (Add \$8.50/ton based on daily production of 570 ton/shift as opposed to original bid of 1,309 tons/shift.) With JBC markup for 5% sub and 1% bond add \$9.01/ton. This will make the unit cost \$91.02. The reason for price increase on this piece is Wheeler's productivity will be slowed down significantly. There original bid was for wide open paving.
- 354-6051 • **PLANE ASPH CONC PAVE (0-1.5") 900SY @ 11.75/SY.** With JBC markup for 5% sub and 1% bond the unit cost is \$12.45/SY.

For the striping items before markup the pricing is in line with TxDOT District 14 avgs and established contract rates.

- 666-6030 • **REFL PAV MRK TY I (W) 8" (DOT)(100 MIL)** \$1.49/LF with JBC markup for 5% sub and 1% bond the unit cost is \$1.58/LF.
- 666-6176 • **REF PAV MRK TY II (W) 8" (DOT)** \$0.30/LF with JBC markup for 5% sub and 1% bond the unit cost is \$0.32/LF.

Pricing does not include any lane closures. Depending on whether this work will be allowed during daytime hours or if we will have to perform at night will dictate the traffic control needed on Chandler.

Please let me know if you require any additional information and I will pass on to our subs.

THANKS,

ANDREW BATTEN
PROJECT MANAGER
OFFICE: 512.821.2808
CELL: 512.579.9221



13111 DESSAU ROAD
AUSTIN, TEXAS 78754
512-821-2808

From: Eddie R. Church [mailto:erchurch@HNTB.com]
Sent: Thursday, January 17, 2019 10:25 AM
To: Andrew Batten
Cc: 62811_1708-186_CR119; David Thomas; Clayton Weber; James Klotz; Christen Eschberger; Dawn Haggard
Subject: 1708-186 CR 119 - Chandler Road LTL

Andrew,

Please add the attached plan updates to both your paper and electronic plan sets. These updates represent the additional LTL at Chandler Road and also some quantity updates. There are also three new items. Please provide pricing and backup for the following items. If you have questions, please contact me or Clayton.

• Item	354-6051	PLANE ASPH CONC PAVE (0" TO 1.5")	900	SY
• Item	666-6030	REFL PAV MRK TY I (W) 8" (DOT) (100MIL)	300	LF
• Item	666-6176	REFL PAV MRK TY II (W) 8" (DOT)	300	LF

Thank you,

Eddie R. Church, PE
Project Manager
Tel (512) 527-6723 Email erchurch@hntb.com

HNTB CORPORATION

101 E. Old Settlers Blvd., Ste. 100 | Round Rock, TX 78664 | hntb.com

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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.

Quote
Prepared
For: Joe Bland Construction

D.I.J. CONSTRUCTION, INC.
P.O. BOX 1609
BERTRAM, TEXAS 78605
(512) 355-2766
(512) 355-2392 Fax

CHANGE ORDER

January 21, 2019

Project: CR 119 Construction

ITEM	DESCRIPTION	UNIT	QTY	UNIT PRICE	TOTAL PRICE
666 6030	REFL PAV MRK TY I (W) 8" (DOT)(100 MIL)	LF	300.000	1.490	447.00
666 6176	REF PAV MRK TY II (W) 8" (DOT)	LF	300.000	0.300	90.00
TOTAL BID				\$	537.00

NOTES: >> THIS PROPOSAL IS AN OFFER TO PERFORM THE SPECIFIC WORK DESCRIBED ABOVE AND IS DEPENDENT ON THE ACCEPTANCE OF AN AGREEABLE CONTRACT. THIS PROPOSAL WILL BECOME AN ATTACHMENT TO ANY CONTRACT.

Accepted By:

Submitted By:



Tim D. Jarma
Estimator

tim@djconstruction.com

999-WC04

JOE BLAND CONSTRUCTION, L.P

13111 Dessau Road, Austin, Texas 78754

512-821-2808 Phone

512-821-2805 Fax

DAILY STATEMENT OF FORCE ACCOUNT WORK

Date of Work: 9-Sep-19

Project 1708-186
 Hwy CR 119
 County Williamson

Subcontractor
 General Contractor Joe Bland Construction, L.P.
 HNTB Inspector Dave Thomas

Type of Work Remove existing 3x5 rock and replace with cold mix

STATEMENT OF EQUIPMENT

TYPE	MAKE AND MODEL	YEAR	EQUIPMENT NUMBER (OR RENTAL VENDOR)	HOURS USED	RATE	AMOUNT
skid steer	caterpillar			8	\$ 32.40	\$ 259.20
double drum roller	Dynapac			8	\$ 24.17	\$ 193.36
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
Subtotal or Total						\$ 452.56
15% Compensation						\$ 67.88
Equipment Total						\$ 520.44

STATEMENT OF LABOR

NAME	CLASS.	HOURS		RATE		AMOUNT
		REG	OT	REG	OT	
Martin Villafranco	O	8.0		\$ 20.00		\$ 160.00
Arturo Perez	O	8.0		\$ 18.00		\$ 144.00
Porfirio Morales	L	8.0		\$ 17.00		\$ 136.00
Reynaldo Borrego	S	8.0		\$ 45.00		\$ 360.00
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
Subtotal or Total						\$ 800.00
55% Labor Burden						\$ 440.00
25% Compensation						\$ 200.00
Labor Total						\$ 1,440.00

STATEMENT OF MATERIAL (DELIVERED)

DESCRIPTION	QUANTITY	U/M	PRICE	AMOUNT
Cold mix	29.00	Tons	\$ 71.00	\$ 2,059.00
				\$ -
				\$ -
				\$ -
Subtotal or Total				\$ 2,059.00
25% Compensation				\$ 514.75
Material Total				\$ 2,573.75

SUBTOTAL \$ 4,534.19
1% BOND \$ 45.34
TOTAL AMOUNT DUE: **\$ 4,579.54**



A CRH COMPANY
1320 Arrow Point Dr Suite 600
Cedar Park, TX 78613

5363

Customer No: 241950
Invoice No: 200809641
Inv Date: 09/09/19
Page: Page 1 of 1
Customer PO: County Road 119
Customer Job: Joe Bland Constructi

Joe Bland Construction LP
13111 Dessau Rd
Austin TX 78754

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

ap@joeblandconstruction.com

Delivered To: County Road 119

Date	Ticket#	Product#	Description	QTY	UM	Unit Price	Haul QTY	Haul Rate	Matl Total	Haul Total	Tax	Total
Plant: 04268 Asphalt - S. Plant												
MATERIAL: COLD MIX D.6												
09/9/19	126366	225070	COLD MIX D.6	8.44	TON	71.00	0.00	0.00	599.24	0.00	0.00	599.24
Total: COLD MIX D.6				8.44			TON		599.24	0.00	0.00	599.24
Total: Material COLD MIX D.6				8.44					599.24	0.00	0.00	599.24
Total Invoice:				8.44					599.24	0.00	0.00	599.24

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: 599.24

Amount Paid: _____

Customer Name: Joe Bland Construction LP
Customer No: 241950
Invoice #: 200809641
Date: 09/9/19
Customer Job: Joe Bland Constructi
Customer PO: County Road 119
Due Date: 10/09/19

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

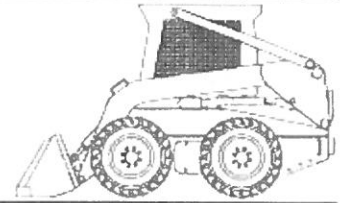
Remit Payment To: Texas Materials Group, Inc.
1320 Arrow Point Dr
Suite 307
Cedar Park, TX 78613

Please provide your email address below if you would like to start receiving your invoices via email

Rental Rate Blue Book®

September 4, 2019

Caterpillar 236B SERIES 2 (disc. 2010)
Skid Steer Loaders

Size Class:
1751 - 2200 lbs
Weight:
7007 lbs

Configuration for 236B SERIES 2 (disc. 2010)

Hydraulic Tank Capacity	9.2 gal	Net Horsepower	70.0 hp
Operating Capacity (Sae)	1950.0 lbs	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 \$2,880.00	USD \$805.00	USD \$200.00	USD \$30.00	USD \$17.85	USD \$34.21
Adjustments						
Region { Texas: 88.9% }	(USD \$319.68)	(USD \$89.36)	(USD \$22.20)	(USD \$3.33)		
Model Year (2010: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	USD \$2,560.32	USD \$715.65	USD \$177.80	USD \$26.67	USD \$17.85	USD \$32.40

Non-Active Use Rates

	Hourly
Standby Rate	USD \$5.24
Idling Rate	USD \$22.50

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	23%	USD \$662.40/mo
Overhaul (ownership)	64%	USD \$1,843.20/mo
CFC (ownership)	6%	USD \$172.80/mo
Indirect (ownership)	7%	USD \$201.60/mo
Fuel (operating) @ USD 3.07	45%	USD \$7.95/hr

Revised Date: 2nd half 2019

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

The equipment represented in this report has been exclusively prepared for STEVE PACK
(stevepack@joeblandconstruction.com)

Rental Rate Blue Book®

September 10, 2019

Dynapac CC102C (disc. 2005)

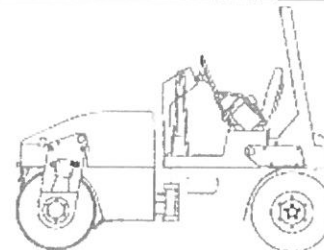
Combination Rollers

Size Class:

1.8 - 2.9 MTons

Weight:

5070 MT


Configuration for CC102C (disc. 2005)

Drum Width	42.0 in	Net Horsepower	29.0 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 \$1,755.00	USD \$490.00	USD \$125.00	USD \$19.00	USD \$15.26	USD \$25.23
Adjustments						
Region (Texas: 89.4%)	(USD \$186.03)	(USD \$51.94)	(USD \$13.25)	(USD \$2.01)		
Model Year (2005: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)						
Total:	USD \$1,568.97	USD \$438.06	USD \$111.75	USD \$16.99	USD \$15.26	USD \$24.17

Non-Active Use Rates

	Hourly
Standby Rate	USD \$6.51
Idling Rate	USD \$11.18

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	45%	USD \$807.30/mo
Overhaul (ownership)	27%	USD \$473.85/mo
CFC (ownership)	12%	USD \$210.60/mo
Indirect (ownership)	15%	USD \$263.25/mo
Fuel (operating) @ USD 3.07	15%	USD \$2.27/hr

Revised Date: 2nd half 2019

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

The equipment represented in this report has been exclusively prepared for STEVE PACK
(stevepack@joeblandconstruction.com)

Steven Shull

999-WC08 1250⁰⁰

999-WC09 2800⁰⁰

From: Steven Shull
Sent: Thursday, August 30, 2018 3:02 PM
To: Andrew Batten
Cc: German Figueroa; Clayton Weber; 62811_1708-186_CR119; Dawn Haggard; James Klotz
Subject: RE: 1708-186 CR 119 (Signal work at Limmer Loop)

Andrew,

We are good with DIJ's mob of \$1,250. Please have them send you over their invoice so I can use it as backup and pay it under the exiting force account line item.

As for the message boards we have decided to only flash them for 2 weeks which means you can remove them on 9-10-18, and we are willing to pay \$200.00 a day for all 3 at a total price of \$2800.00. Let me know if you're good with this.

Thanks,

Steven Shull
Construction Representative
Tel (512) 527-6716 Cell (512) 450-2729 Email sshull@hntb.com

HNTB CORPORATION

101 E. Old Settlers Blvd | Round Rock, Texas 78664 | hntb.com

 **100+ YEARS OF INFRASTRUCTURE SOLUTIONS**



From: Andrew Batten [mailto:abatten@joeblandconstruction.com]
Sent: Wednesday, August 29, 2018 11:35 AM
To: Steven Shull <sshull@HNTB.com>
Cc: German Figueroa <gfigueroa@joeblandconstruction.com>; Clayton Weber <cweber@HNTB.com>; 62811_1708-186_CR119 <34275_RB_CR119@HNTB.com>; Dawn Haggard <dhaggard@HNTB.com>; James Klotz <jklotz@HNTB.com>
Subject: RE: 1708-186 CR 119 (Signal work at Limmer Loop)

Steven,

Talking with DIJ, they are scheduled to stripe the stop bars next Tuesday morning. This is the day before the signals are scheduled to be activated.

Talking with them in regards to an additional mob fee, in there quote any additional mob fee will be \$2,500 but considering that it is just stop bars, they said they would cut that charge in half for the new mob fee being \$1,250.

For the 3 message boards onsite for a month the rate for each message board is \$2,000. So for 3 boards onsite for a month would be \$6,000.

THANKS,

ANDREW BATTEN
PROJECT MANAGER
OFFICE: 512.821.2808
CELL: 512.579.9221

Table 1. Worksheet 1 (M-10)

Page 1

Item No.	Description	Quantity	Unit	Price	Amount	Quantity	Unit	Price	Amount
100	Alternate Item Description request	0	0.00	0.00	0.00	0	0.00	0.00	0.00
101	RETI PAY NIKK 1Y C (W112, SLDs D-NIL)	185	13	7.13	1,317.05	0	0.00	0	0.00
102	RETI PAY NIKK 1Y H (W112, SLD)	185	13	1.06	197.05	0	0.00	0	0.00
103	Stop Bar Mobilization	0	15	1250.00	0.00	1	1250.00	1	1,250.00
				15,639.84				1,450.00	

County Williamson Project CR 119 Owner Williamson Co Highway CR 119 999-WC10

Description of Work: Steel Beam Guard Fence Cost Breakdown for Low Fill Steel Post in Lieu of Timber Post
 Date: 12/11/19

EQUIPMENT					Labor					
EQ #	Description	Hrs	Rate	Amount		Hours		Rate		Amount
						Reg	O.T.	Reg	O.T.	
TRUCK 118	2015 FORD F 350	3.50	\$ 22.25	\$ 77.88	ALONSO MONCADA	3.50	0.00	\$ 19.25	\$ 26.25	\$ 67.36
TRAILER 9	2012 MAGNUM TRAILER 14,000 LB	3.50	\$ 11.50	\$ 40.25	JOSE RODRIGUEZ BARCENAS	3.50	0.00	\$ 16.25	\$ 24.38	\$ 56.88
CAT 114	2014 CAT 272D SKID STEER LOADER	3.50	\$ 42.64	\$ 149.24	MARIO GRANADAS	3.50	0.00	\$ 14.00	\$ 21.00	\$ 49.00
					ONAR PADILLA	3.50	0.00	\$ 12.50	\$ 18.75	\$ 43.75
					LIBNY BRISENO	3.50	0.00	\$ 11.00	\$ 16.50	\$ 38.50
					BRUCE GARCIA	3.50	0.00	\$ 12.75	\$ 19.12	\$ 44.63
					JUAN MACADO	3.50	0.00	\$ 15.25	\$ 22.88	\$ 53.36

Material				
Description	Quantity	Date	Rate	Amount
Low Fill Steel Post	11.00		\$ 147.00	\$ 1,617.00
7" x 6'-3" Dorned Top Timber Post (Credil)	11.00		\$ (16.50)	\$ (181.50)
				Sub-Total \$ 1,435.50
				25% \$ 358.88
				TOTAL MATERIAL \$ 1,794.38

Subcontract			
Quantity	UOM	Rate	Amount
			\$
			Sub-Total \$
			5% \$
			Total Subcontract \$

Approved _____

Date _____

Date _____

Summary	
Labor	\$ 636.30
Equipment	\$ 387.47
Material	\$ 1,794.38
Subcontract	\$
Total This Sheet	\$ 2,738.14

2738.14
 1.05
 2739.19



P.O. Box 938
Round Rock, TX 78680
(512) 388-0588 ph
(512) 388-0588 fax

Credit Memo

Credit No.
141350
Date
12/18/2018

Sold to:

BMP SPECIALIST, LLC
P. O. BOX 296
CEDAR PARK, TX 78630

Ship to:

RETURN / CREDIT
SB 17454 & SB 17448

ENTERED

Customer PO	Ship Via	Telephone	Ref No	Order Date	SLS #	Terms		
VERB		512-246-6267	R-1044	1/17/2019	RJC	Net 30		
Units	Description	Qty	Unit Price	Amount				
	7" X 6'3" DOMED TOP TIMBER POST (1 HOLE)		16.50					
	5' LOW FILL STEEL POST (31")		147.00					
Job Name: CR 119 IMPROVEMENT				Amount				
Job #				Sales Tax (0.0%)				
General				Credit Amount				

SHEET NO.

DESCRIPTION

GENERAL

1	TITLE SHEET
2	INDEX OF SHEETS
3	PROJECT LAYOUT AND CONTROL POINTS
4 - 9	TYPICAL SECTIONS
10 - 17D	GENERAL NOTES

ESTIMATE OF QUANTITIES

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19 - 20	ROADWAY SUMMARY
21	TRAFFIC CONTROL SUMMARY
22	DRAINAGE SUMMARY
23	CULVERT SUMMARY
24	EROSION CONTROL SUMMARY
25	PAVEMENT MARKING SUMMARY
26	SMALL SIGN SUMMARY

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27A	ADVANCE WARNING SIGNS
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29	TRAFFIC CONTROL PLAN HORIZONTAL ALIGNMENT DATA
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46	TRAFFIC CONTROL PLAN - PHASE 1 STEP 3 DETOUR
47	TRAFFIC CONTROL PLAN - PHASE 1 STEP 3
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67	** TRAFFIC CONTROL PLAN - TxDOT TCP(1-2)-12
68	** TRAFFIC CONTROL PLAN - TxDOT TCP(2-1)-12
69	** TRAFFIC CONTROL PLAN - TxDOT TCP(2-3)-12
70	** TRAFFIC CONTROL PLAN TYPICAL DETAILS - TxDOT WZ(TD)-17
71	** WORK ZONE "GIVE US A BRAKE" - TxDOT WZ(BRK)-13
72	** WORK ZONE SHORT TERM PAVEMENT MARKINGS - TxDOT WZ(STPM)-13

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103A - 103C	CHANDLER LEFT TURN LANE
104 - 106	INTERSECTION LAYOUT
107 - 113	DRIVEWAY PLAN AND PROFILE
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115	** METAL BEAM GUARD FENCE - TxDOT GF(31)-14
116	** METAL BEAM GUARD FENCE - TxDOT GF(31)DAT-14
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118	** METAL BEAM GUARD FENCE TRANSITION - TxDOT GF(31)TR-14
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120	** SINGLE GUARDRAIL TERMINAL - TxDOT SGT(8)31-14
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122	** SINGLE GUARDRAIL TERMINAL - TxDOT SGT(9S)31-14
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174 - 175	DITCH SUMMARY
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179 - 180	** MULTIPLE BOX CULVERTS - TxDOT MC-6-16

SHEET NO.

DESCRIPTION

DRAINAGE (CONT.)

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185	** CONCRETE HEADWALLS - TxDOT CH-PW-S
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187	** CONCRETE WINGWALLS - TxDOT PW
188	** CONCRETE WINGWALLS - TxDOT SW-O
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191	** PRECAST BASE - TxDOT PB
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201	BORING LOG
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228	** PRESTRESSED CONCRETE PANELS FABRICATION DETAILS - TxDOT PCP-FAB
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231 - 233	** TRAFFIC RAIL - TxDOT TYPE T223

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250	** DELINEATOR & OBJECT MARKER - TxDOT D&OM(2)-15
251	** DELINEATOR & OBJECT MARKER - TxDOT D&OM(3)-15B
252	** DELINEATOR & OBJECT MARKER - TxDOT D&OM(4)-15
253	** DELINEATOR & OBJECT MARKER - TxDOT D&OM(5)-15
254	** DELINEATOR & OBJECT MARKER - TxDOT D&OM(6)-15
255	** DELINEATORS & OBJECT MARKERS - TxDOT D&OM(VIA)-15
256	** TYPICAL STANDARD PAVEMENT MARKINGS - TxDOT PM(1)-12
257	** POSITION GUIDANCE USING RAISED MARKERS - TxDOT PM(2)-12
258	** PAVEMENT MARKINGS FOR TWO-WAY LEFT TURN LANES - TxDOT PM(3)-12
259	** SIGN MOUNTING DETAILS - TxDOT SMD(GEN)-08
260	** SIGN MOUNTING DETAILS - TxDOT SMD(SLIP-1)-08
261	** SIGN MOUNTING DETAILS - TxDOT SMD(SLIP-2)-08
262	** SIGN MOUNTING DETAILS - TxDOT SMD(SLIP-3)-08
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264	** TYPICAL SIGN REQUIREMENTS - TxDOT TSR(4)-13

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266 - 279	EROSION CONTROL PLAN
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281	** TEMPORARY EROSION, SEDIMENT AND WATER POLLUTION CONTROL MEASURES -TxDOT EC(2)-93
282	** TEMPORARY EROSION, SEDIMENT AND WATER POLLUTION CONTROL MEASURES -TxDOT EC(3)-93
283	** TEMPORARY EROSION, SEDIMENT AND WATER POLLUTION CONTROL MEASURES -TxDOT EC(6)-93

SHEET NO.

DESCRIPTION

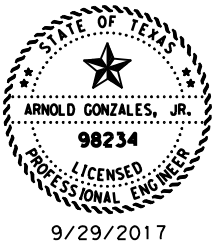
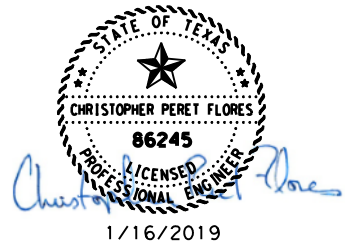
CROSS SECTIONS

284 - 319	CROSS SECTIONS - CR 119
320 - 326	CROSS SECTIONS - CR 118

PROPOSED TRAFFIC SIGNAL PLANS

327 - 373	CR 119 LIMMER LOOP PROPOSED SIGNAL PLANS PREPARED BY KIMLEY HORN
-----------	--

THE STANDARD SHEETS SPECIFICALLY IDENTIFIED ABOVE BY THE SYMBOL (**) HAVE BEEN SELECTED BY ME OR UNDER MY SUPERVISION AND ARE APPLICABLE TO THIS PROJECT.



RESPONSIBLE FOR REV 1 ONLY

1	CHANDLER INTERSECTION	CF	12/21/18
NO.	REVISIONS	BY	DATE

CR 119



INDEX OF SHEETS

SHEET 01 OF 01

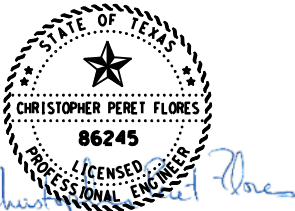
FED. RD. DIV. NO.	STATE	PROJECT NO.	HIGHWAY NO.	STATE DIST. NO.	COUNTY	CONTROL NO.	SECTION NO.	JOB NO.	SHEET NO.
6	TEXAS		CR119	14	WILLIAMSON				02

ROADWAY QUANTITY SUMMARY

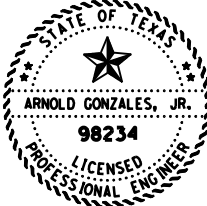
SHEET NO.	STA TO STA	100	6002	105	6030	110	6001	110	6002	132	6005	247	6044	260	6002	260	6073	310	6001	316	6413	316	6193	341	6008	341	6042	354	6051
		PREPARING ROW		REMOVING STAB BASE & ASPH PAV (8"-14")		EXCAVATION (ROADWAY)		EXCAVATION (CHANNEL)		EMBANKMENT (FINAL) (ORD COMP) (TY C)		FL BS (CMP IN PLC) (TY A GR 4) (FINAL POS)		LIME (HYDRATED LIME (SLURRY))		LIME TRT (SUBGRADE) (8 ")		PRIME COAT (MULTI OPTION)		ASPH (AC-15P, HFRS-2P OR CRS-2P)		AGGR (TY-D GR-5 SAC-B)		D-GR HMA TY-B PG64-22		D-GR HMA TY- D SAC-B PG70-22		PLANE ASPH CONC PAVE (0" TO 1 1/2")	
		STA		SY		CY		CY		CY		CY		TON		SY		GAL		GAL		CY		TON		TON		SY	
1 OF 27	BEGIN TO 15+00	3.8		* 2106		2033				142		852		44		2,435		647		1,061		24		552		362			
2 OF 27	15+00 TO 20+00	5		* 2109		4574				36		1,120		61		3,407		660		1,074		24		562		363			
3 OF 27	20+00 TO 25+00	5		* 381		1330		1625		1810		853		47		2,606		500		803		18		424		272			
4 OF 27	25+00 TO 30+00	5				2753				177		806		44		2,453		472		756		17		400		256			
5 OF 27	30+00 TO 35+00	5				1442				370		806		44		2,453		472		756		17		400		256			
6 OF 27	35+00 TO 40+00	5				2945				150		805		44		2,453		472		756		17		400		256			
7 OF 27	40+00 TO 45+00	5				3249				660		805		44		2,453		472		756		17		400		256			
8 OF 27	45+00 TO 50+00	5				2940		10150		738		805		44		2,453		472		756		17		400		256			
9 OF 27	50+00 TO 55+00	5				2565				230		805		44		2,453		472		756		17		400		256			
10 OF 27	55+00 TO 60+00	5				2488				375		805		44		2,453		472		756		17		400		256			
11 OF 27	60+00 TO 65+00	5				2399				247		806		44		2,453		472		756		17		400		256			
12 OF 27	65+00 TO 70+00	5				599		1645		2520		806		44		2,453		472		756		17		400		256			
13 OF 27	70+00 TO 75+00	5				729				1723		807		44		2,453		472		756		17		400		256			
14 OF 27	75+00 TO 80+00	5				1855				538		807		44		2,453		472		756		17		400		256			
15 OF 27	80+00 TO 85+00	5				1495				457		807		44		2,453		472		756		17		400		256			
16 OF 27	85+00 TO 90+00	5				2848				82		806		44		2,453		472		756		17		400		256			
17 OF 27	90+00 TO 95+00	5				2563				60		806		44		2,453		472		756		17		400		256			
18 OF 27	95+00 TO 100+00	5				800		1690		2351		806		44		2,453		472		756		17		400		256			
19 OF 27	100+00 TO 105+00	5				3511				142		851		47		2,597		500		802		18		424		271			
20 OF 27	105+00 TO 110+00	5				1018				2349		1,041		55		3,069		710		1,157		26		604		391			
21 OF 27	110+00 TO 115+00	5				1015				2029		825		45		2,516		484		776		18		411		262			
22 OF 27	115+00 TO 120+00	5				1902				747		806		44		2,453		472		756		17		400		256			
23 OF 27	120+00 TO 125+00	5				444				4710		672		35		1,962		361		577		13		306		195			
24 OF 27	125+00 TO 130+00	5				784				2932		806		44		2,453		472		756		17		400		256			
25 OF 27	130+00 TO 135+00	5				426				7200		806		44		2,453		472		756		17		400		256			
26 OF 27	135+00 TO END	0.5				77				1378		183		9		491		110		178		4		94		60			
27 OF 27	CR 118	3				851				462		462		6		337		178		276		6		149		93			
1 OF 3	CHANDLER ROAD																									238		450	
2 OF 3	CHANDLER ROAD																									192			
3 OF 3	CHANDLER ROAD																									140		450	
DRIVEWAYS																													
1 OF 7	1 & 2									** 28		** 18																	
2 OF 7	3 & 4					** 28				** 297		** 62																	
3 OF 7	5 & 6					** 55				** 12		** 67																	
4 OF 7	7 & 8a					** 55				** 75		** 91																	
5 OF 7	8 & 9a					** 15				** 168		** 47																	
6 OF 7	9 & 10					** 19				** 4		** 39																	
7 OF 7	11 & 12									** 661		** 63																	
PROJECT TOTALS		127.3		4596		49635		15110		34615		21,365		1144		63562		12649		20304		459		10727		7440		900	

* FOR CONTRACTOR'S INFORMATION ONLY.
QUANTITY IS SUBSIDIARY TO ITEM 110.

** FOR CONTRACTOR'S INFORMATION ONLY.
QUANTITY IS SUBSIDIARY TO ITEM 530.



1/16/2019
RESPONSIBLE FOR
REV 1 ONLY



9/29/2017

1	CHANDLER INTERSECTION	CF	01/15/19
NO.	REVISIONS	BY	DATE

CR 119



ESTIMATE OF QUANTITIES
ROADWAY SUMMARY

SHEET 01 OF 02

FED. RD. DIV. NO.	STATE	PROJECT NO.	HIGHWAY NO.	STATE DIST. NO.	COUNTY	CONTROL NO.	SECTION NO.	JOB NO.	SHEET NO.
6	TEXAS		CR119	14	WILLIAMSON				19

PAVEMENT MARKING QUANTITY SUMMARY																															
SHEET NO.	STA TO STA	644	6001	644	6004	644	6060	644	6061	658	6047	658	6014	658	6061	666	6030	666	6036	666	6048	666	6054	666	6078	666	6147	666	6170	666	6176
		IN SM RD SN SUP&AM TY10BWG (1) SA (P)		IN SM RD SN SUP&AM TY10BWG (1) SA (T)		IN SM RD SN SUP&AM TYTWT (1) WS (P)		IN SM RD SN SUP&AM TYTWT (1) WS (T)		INSTL OM ASSM (OM-2Y) (WC) GND		INSTL DEL ASSM (D-SW) SZ (BRF) CTB (BI)		INSTL DEL ASSM (D-SW) SZ 1 (BRF) GF2		REFL PAV MRK TY I (W) 8" (DOT) (100 MIL)		REFL PAV MRK TY I (W) 8" (SLD) (100 MIL)		REFL PAV MRK TY I (W) 24" (SLD) (100 MIL)		REFL PAV MRK TY I (W) (ARROW) (100 MIL)		REFL PAV MRK TY I (W) (WORD) (100 MIL)		REFL PAV MRK TY I (Y) 24" (SLD) (100 MIL)		REF PAV MRK TY II (W) 4" (SLD)		REFL PAV MRK TY II (W) 8" (DOT)	
		EA		EA		EA		EA		EA		EA		EA		LF		LF		LF		EA		EA		LF		LF		LF	
1 OF 15	BEGIN TO 10+00																	147				1		2		60		544			
2 OF 15	10+00 TO 20+00	1				1		1		3								488		280		8		7		300		1,930			
3 OF 15	20+00 TO 30+00									2				5														2,000			
4 OF 15	30+00 TO 40+00																											2,000			
5 OF 15	40+00 TO 50+00									2				6														2,000			
6 OF 15	50+00 TO 60+00									2																		2,000			
7 OF 15	60+00 TO 70+00									1																		2,000			
8 OF 15	70+00 TO 80+00																											2,000			
9 OF 15	80+00 TO 90+00																											2,000			
10 OF 15	90+00 TO 100+00									2				5														2,000			
11 OF 15	100+00 TO 110+00	2				1				3				4				100		35		1		1		210		2,100			
12 OF 15	110+00 TO 120+00					1				1				2														2,000			
13 OF 15	120+00 TO 130+00									4		6		17														2,000			
14 OF 15	130+00 TO END	1		2		1												20										1,175			
15 OF 15	LIMBER LOOP/CR119					2												115		1		1		30		182					
1 OF 3	CHANDLER RD/CR119															203		280		18		2		1		53		970		203	
2 OF 3	CHANDLER RD/CR119															97										215		1,030		97	
3 OF 3	CHANDLER RD/CR119																														
PROJECT TOTALS		4		2		6		1		20		6		39		300		1130		353		13		12		1055		28,846		300	

PAVEMENT MARKING QUANTITY SUMMARY																					
SHEET NO.	STA TO STA	666	6178	666	6182	666	6184	666	6192	666	6207	666	6214	666	6303	666	6315	672	6007	672	6009
		REF PAV MRK TY II (W) 8" (SLD)		REF PAV MRK TY II (W) 24" (SLD)		REF PAV MRK TY II (W) (ARROW)		REF PAV MRK TY II (W) (WORD)		REF PAV MRK TY II (Y) 4" (SLD)		REF PAV MRK TY II (Y) 24" (SLD)		RE PM W/RET REQ TY I (W) 4" (SLD) (100 MIL)		RE PM W/RET REQ TY I (Y) 4" (SLD) (100 MIL)		REFL PAV MRKR TY I-C		REFL PAV MRKR TY II-A-A	
		LF		LF		EA		EA		LF		LF		LF		LF		EA		EA	
1 OF 15	BEGIN TO 10+00	147				1		2		774		60		544		774		7		36	
2 OF 15	10+00 TO 20+00	488		280		8		7		2,600		300		1,930		2,600		39		126	
3 OF 15	20+00 TO 30+00									2,680				2,000		2,680				68	
4 OF 15	30+00 TO 40+00									2,000				2,000		2,000				24	
5 OF 15	40+00 TO 50+00									2,000				2,000		2,000				24	
6 OF 15	50+00 TO 60+00									2,000				2,000		2,000				24	
7 OF 15	60+00 TO 70+00									2,000				2,000		2,000				24	
8 OF 15	70+00 TO 80+00									2,000				2,000		2,000				24	
9 OF 15	80+00 TO 90+00									2,000				2,000		2,000				24	
10 OF 15	90+00 TO 100+00									2,000				2,000		2,000				24	
11 OF 15	100+00 TO 110+00	100		35		1		1		2,472		210		2,100		2,472		5		24	
12 OF 15	110+00 TO 120+00									2,100				2,000		2,100				44	
13 OF 15	120+00 TO 130+00									2,000				2,000		2,000				24	
14 OF 15	130+00 TO END			20						1,000				1,175		1,000				12	
15 OF 15	LUMBER LOOP/CR118	115				1		1		2,680		30		182		2,680		6		38	
1 OF 3	CHANDLER RD/CR119			18						1,680		187		915		1,680				76	
2 OF 3	CHANDLER RD/CR119	280				2		1		1,380		53		970		1,380		18		58	
3 OF 3	CHANDLER RD/CR119									1,830		215		1,030		1,830		2		84	
PROJECT TOTALS		1130		353		13		12		35,196		1055		28,846		35,196		77		658	

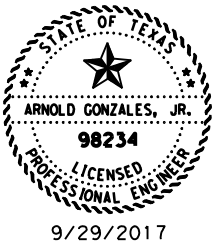
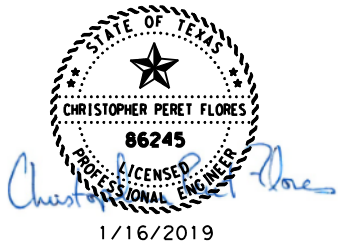
SUMMARY OF SMALL SIGNS

SM RD SGN ASSM TY XXXXX (X) XX (X-XXXX)					Anchor Type				Mounting Designation			
PLAN SHEET NO.	SIGN NO.	SIGN NOMENCLATURE	SIGN TEXT	DIMENSIONS	ALUMINUM TYPE A	ALUMINUM TYPE G	Post Type	Posts (1 or 2)	Anchor Type	P = Prefab. "PLAIN"	T = Prefab. "T"	U = Prefab. "U"
2 of 15	1	D3-1G	LIMMER LOOP	12" x 55"	X		FRP = Fiberglass TWT = Thin-Wall 10BWG = 10 BWG S80 = Sch 80		UA-Uni-ver-Conc UB-Uni-ver-Conc SA-Slip-Conc SB-Slip-Conc WS-Wedge Steel WP-Wedge Plastic			
2 of 15		R1-1	STOP	36" x 36"	X			1	SA			P
2 of 15		W4-4p	CROSS TRAFFIC DOES NOT STOP	24" x 12"	X							
2 of 15	2	R2-1	SPEED LIMIT 45	30" x 36"	X			1	WS			P
2 of 15	3	R3-8b	LANE CONTROL	48" x 30"	X			1	WS			T
11 of 15	4	R2-1	SPEED LIMIT 45	30" x 36"	X			1	WS			P
11 of 15	5	D3-1G	CR119	12" x 36"	X							
11 of 15		R1-1	STOP	30" x 30"	X			1	SA			P
11 of 15		W4-4p	CROSS TRAFFIC DOES NOT STOP	24" x 12"	X							
11 of 15	6	D3-1G	CR119	12" x 36"	X							
11 of 15		R1-1	STOP	30" x 30"	X			1	SA			P
11 of 15		W4-4p	CROSS TRAFFIC DOES NOT STOP	24" x 12"	X							
12 of 15	7	R2-1	SPEED LIMIT 45	30" x 36"	X			1	WS			P
14 of 15	8	R2-1	SPEED LIMIT 45	30" x 36"	X			1	WS			P
14 of 15	9	D3-1G	CHANDLER ROAD	12" x 69"	X							
14 of 15		R1-1	STOP	36" x 36"	X			1	SA			P
14 of 15	10	D1-1	CR 119	18" x 66"	X			1	SA			T
14 of 15		D1-1	CR 119	18" x 66"	X			1	SA			T
15 of 15	12	R3-7L	LEFT LANE MUST TURN LEFT	30" x 30"	X			1	WS			P
15 of 15	13	R3-8Lk	LANE CONFIGURATION	30" x 30"	X			1	WS			P
1 of 3	14	D3-2	CR 119 NEXT INTERSECTION	78" x 30"	X			1	SA			T
3 of 3	15	D3-2	CR 119 NEXT INTERSECTION	78" x 30"	X			1	SA			T

DISCLAIMER: The use of this standard is governed by the "Texas Engineering Practice Act". No warranty of any kind is made by TxDOT for any purpose whatsoever. TxDOT assumes no responsibility for the conversion of this standard to other formats or for incorrect results or damages resulting from its use.

ALUMINUM SIGN BLANKS (TYPE A)	
Square Ft.	Min. Thickness
Less than 7.5	0.080"
7.5 to 15	0.100"
Greater than 15	0.125"

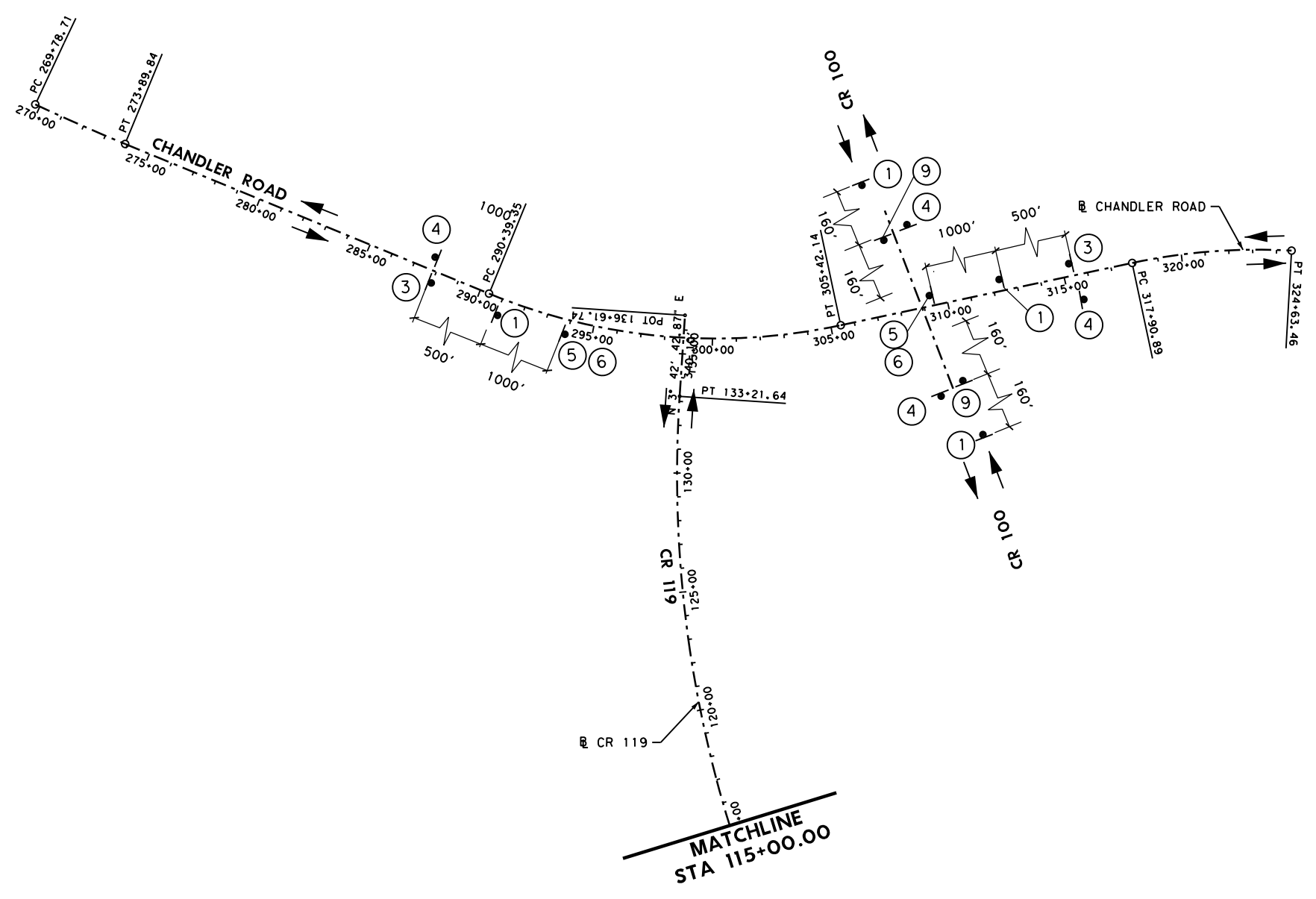
Sign supports shall be located as shown on the plans, except that the Engineer may shift the sign supports, within design guidelines, where necessary to secure a more desirable location or to avoid conflict with utilities. Unless otherwise shown on the plans, the Contractor shall stake and the Engineer will verify all sign support locations.



RESPONSIBLE FOR REV 1 ONLY

NO.	REVISIONS	BY	DATE
1	CHANDLER INTERSECTION	CF	12/21/18

CR 119									
									
ESTIMATE OF QUANTITIES									
SMALL SIGN SUMMARY									
SHEET 01 OF 01									
FED. RD. DIV. NO.	STATE	PROJECT NO.	HIGHWAY NO.	STATE DIST. NO.	COUNTY	CONTROL NO.	SECTION NO.	JOB NO.	SHEET NO.
6	TEXAS		CR119	14	WILLIAMSON				26



LEGEND

- ADVANCE WARNING SIGNS
- TRAFFIC FLOW ARROW
- TY III BARRICADE

1

ROAD WORK AHEAD

CW20-1D

2

WORK ZONE

TRAFFIC FINES DOUBLE WHEN WORKERS ARE PRESENT

R20-5

R20-5 PLAQUE

3

OBEY WARNING SIGNS STATE LAW

R20-3

4

END ROAD WORK

G20-2a

5

BEGIN ROAD WORK NEXT X MILES

G20-5T

6

NAME ADDRESS CITY STATE CONTRACTOR

G20-6

7

ROAD WORK NEXT 2 MILES

G20-1bL

8

ROAD WORK NEXT 2 MILES

G20-1bR

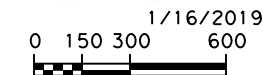
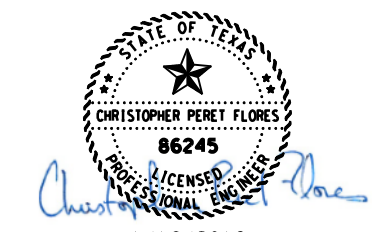
9

ROAD WORK NEXT 1 MILES NEXT 1 MILES

G20-1a

NOTE:
1. ALL ADVANCE WARNING SIGNS SHALL CONFORM WITH THE LATEST TxDOT BARRICADE AND CONSTRUCTION STANDARDS.
2. REFER TO TCP(1-2)-12 FOR ONE LANE TWO-WAY CONTROL WITH FLAGGERS.

RESPONSIBLE FOR REV 1 ONLY



NO.	REVISIONS	BY	DATE
1	CHANDLER INTERSECTION	CF	12/21/18

ROADWAY	EXISTING SPEED LIMIT (MPH)
CR 119-SOUTH OF LIMMER LOOP	50
CR 119-NORTH OF LIMMER LOOP	35
CR 118	35
LIMMER LOOP	50
CHANDLER ROAD	55

CR 119

TRAFFIC CONTROL

ADVANCE WARNING SIGNS

FED. RD. DIV. NO.	STATE	PROJECT NO.	HIGHWAY NO.	STATE DIST. NO.	COUNTY	CONTROL NO.	SECTION NO.	JOB NO.	SHEET NO.
6	TEXAS		CR119	14	WILLIAMSON				27A

1. GENERAL:

- A. IN AREAS WHERE TRAFFIC IS PRESENT, TRAFFIC MUST BE HANDLED DURING CONSTRUCTION IN SUCH A MANNER AS TO CREATE THE LEAST INCONVENIENCE TO THE TRAVELING PUBLIC AND PROVIDE FOR MAXIMUM SAFETY BY MEANS OF ADEQUATE WARNING AND PROTECTION DEVICES.
- B. WORK ACTIVITIES OTHER THAN PROVIDED IN THE CONTRACT SHALL BE APPROVED IN ADVANCE.
- C. THE CONTRACTOR SHALL MAINTAIN ADEQUATE DRAINAGE THROUGHOUT CONSTRUCTION, WITH THE STORM WATER POLLUTION PREVENTION PLAN IN PLACE. CONTRACTOR SHALL INSTALL AND MAINTAIN ADDITIONAL STORMWATER CONTROL DEVICES AS NECESSARY.
- D. ACCESS TO ALL PROPERTIES (BUSINESSES, RESIDENCES, ETC.) MUST BE MAINTAINED AT ALL TIMES.
- E. CONTRACTOR SHALL MINIMIZE DISRUPTION TO TRAVELING PUBLIC AND SHALL MAINTAIN THROUGH ACCESS TO ALL INTERSECTIONS WITHIN THE PROJECT LIMITS AT ALL TIMES UNLESS OTHERWISE PERMITTED BY THE CONSTRUCTION OBSERVER. NO ADJACENT INTERSECTIONS MAY BE WORKED ON SIMULTANEOUSLY.
- F. CONTRACTOR SHALL MAINTAIN ONE LANE IN EACH DIRECTION AT ALL TIMES FOR CR 119, LIMMER LOOP, AND CHANDLER ROAD.

2. BARRICADES, CONSTRUCTION SIGNS AND WARNING LIGHTS:

- A. ALL TRAFFIC CONTROL DEVICES SHALL BE COMPLIANT WITH THE LATEST EDITION AND REVISION OF THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (TMUTCD), PART 6 - TEMPORARY TRAFFIC CONTROL.
- B. THE CONTRACTOR SHALL INSTALL AND MAINTAIN AN ADEQUATE NUMBER OF TRAFFIC CONTROL DEVICES TO DELINEATE TRAFFIC FOR DETOURS OR CLOSURES, AS APPROVED BY THE CONSTRUCTION OBSERVER.
- C. ALL CONSTRUCTION TRAFFIC SHALL BE REGULATED SO AS TO CAUSE A MINIMUM OF INCONVENIENCE TO THE TRAVELING PUBLIC. AT POINTS WHERE IT IS NECESSARY FOR TRUCKS TO STOP AND UNLOAD, WARNING SIGNS AND FLAGGERS SHALL BE PROVIDED AS NECESSARY TO ADEQUATELY PROTECT THE TRAVELING PUBLIC.

3. SPECIAL NOTES:

- A. PLACEMENT OF PERMANENT SIGNS MAY BE DELAYED UNTIL LATER PHASES AS APPROVED BY THE ENGINEER. IF DELAYED, THE CONTRACTOR SHALL MAINTAIN ADEQUATE TEMPORARY SIGNING.
- B. EXISTING SIGNAGE SHALL BE SALVAGED. SALVAGED SIGNS ARE PROPERTY OF WILLIAMSON COUNTY.
- C. BETWEEN LIMMER LOOP AND STA 24+00, FINAL 2" TY D SURFACE COURSE PLACEMENT SHALL BE DELAYED UNTIL COMPLETION OF PAVEMENT CONSTRUCTION OPERATIONS ELSEWHERE. TEMPORARY PAVEMENT MARKINGS BETWEEN LIMMER LOOP AND STA 24+00 SHALL BE PLACED ON TY B BASE COURSE. CONTRACTOR SHALL CONSTRUCT 50' LONG, TY B HMA TRANSITION AT NORTH AND SOUTH ENDS OF THIS ZONE, WHICH SHALL BE REMOVED IN ADVANCE OF 2" TY D SURFACE COURSE PLACEMENT.

SEQUENCE OF CONSTRUCTION:

- 1. CALL THE TEXAS ONE CALL CENTER AT 1-800-545-6005.
- 2. INSTALL ADVANCE WARNING SIGNS, TEMPORARY EROSION CONTROLS AND TREE PROTECTION FENCING AS SHOWN IN PLANS PRIOR TO ANY ROW PREPARATION.
- 3. CONSTRUCT PROJECT AS DETAILED IN PLAN SET.
- 4. COMPLETE ANY NECESSARY FINAL DRESS-UP OF AREAS DISTURBED BY REMOVAL OF TEMPORARY EROSION CONTROL MEASURES.

PHASE 1 CONSTRUCTION:

STEP 1

- 1. INSTALL TEMPORARY PAVEMENT ALONG EXISTING CR 119 NORTH OF LIMMER LOOP.

STEP 2

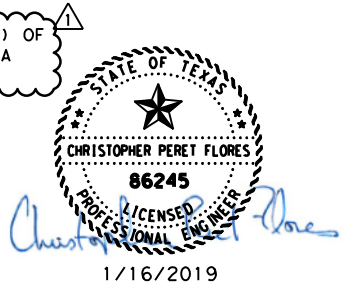
- 1. REMOVE EXISTING PAVEMENT MARKINGS AND MARKERS. INSTALL TEMPORARY STRIPING ALONG EXISTING CR 119 AND TEMPORARY PAVEMENT NORTH OF LIMMER LOOP.
- 2. PLACE TEMPORARY TRAFFIC CONTROL MEASURES AS SHOWN IN TRAFFIC CONTROL PLAN AND SHIFT EXISTING TRAFFIC NORTH OF LIMMER LOOP ONTO EASTERN HALF OF PROPOSED CR 119 ALIGNMENT.
- 3. CLOSE EXISTING SHOULDER OF CHANDLER ROAD TO CONSTRUCT PROPOSED TIE-IN TO CR 119 UTILIZING TCP(2-1)-12.
- 4. BETWEEN STA 67+00 AND STA 71+00 DELAY IMPROVEMENTS UNTIL EXISTING ATMOS GAS LINE HAS BEEN RELOCATED. MAINTAIN POSITIVE DRAINAGE WITHIN THIS LIMIT AT ALL TIMES.
- 5. CONSTRUCT PROPOSED CR 119 IMPROVEMENTS. CONSTRUCT DRIVEWAYS, DRAINAGE CULVERTS AND FEATURES, FENCE, ETC. AS SHOWN ON PHASE 1 STEP 2 TRAFFIC CONTROL PLAN.
- 6. INSTALL BARRICADES AND ROAD CLOSURE SIGNS ON NEW DRIVEWAYS UNTIL OPEN FOR PUBLIC USE.

STEP 3

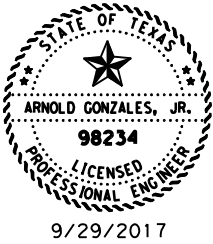
- 1. SETUP PROPOSED DETOUR AS SHOWN AND CLOSE CR 118 TO THRU TRAFFIC AT INTERSECTION OF PROPOSED CR 119.
- 2. CONTRACTOR SHALL PLAN WORK TO MINIMIZE DURATION OF CLOSURE, NOT TO EXCEED FOUR (4) WEEKS.
- 3. CONSTRUCT PROPOSED CR 118 IMPROVEMENTS.
- 4. OPEN CR 118 TO THROUGH TRAFFIC.

PHASE 2 CONSTRUCTION:

- 1. SOUTH OF LIMMER LOOP INTERSECTION, SHIFT NORTHBOUND AND SOUTHBOUND CR 119 TRAFFIC ONTO PREVIOUSLY CONSTRUCTED PROPOSED CR 119 PAVEMENT.
- 2. CONSTRUCT PROPOSED CR 119 IMPROVEMENTS. CONSTRUCT DRIVEWAYS, DRAINAGE CULVERTS AND FEATURES, FENCE, OBLITERATE EXISTING ROADWAY, ETC. AS SHOWN ON PHASE 2 TCP.
- 3. INSTALL ALL TRAFFIC CONTROL SIGNING, STRIPING, AND PAVEMENT MARKERS.
- 4. PLACE FINAL SURFACE COURSE, 2" D-GR HMA (TY D) (PG 70-22).
- 5. MILL BUTT JOINTS 100 FEET FROM BEGINNING (STA 293+87.06) AND END (STA 308+57.06) OF EXISTING CHANDLER ROAD. OVERLAY EXISTING CHANDLER ROAD, PLACE FINAL 1.5" D-GR HMA (TY D) (PG 70-22), PLACE FINAL PAVEMENT MARKINGS.
- 6. OPEN CR 119 TO THRU TRAFFIC.



RESPONSIBLE FOR REV 1 ONLY



NO.	1	CHANDLER INTERSECTION	CF	12/21/18
		REVISIONS	BY	DATE

CR 119



WILLIAMSON
COUNTY
1848



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AUSTIN, TX. 78723
Tel. (512) 328-0011 Fax (512) 328-0325
TBPE Registration Number F-6324
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TRAFFIC CONTROL
TRAFFIC CONTROL PLAN
NARRATIVE

SHEET 01 OF 01

FED. RD. DIV. NO.	STATE	PROJECT NO.	HIGHWAY NO.	STATE DIST. NO.	COUNTY	CONTROL NO.	SECTION NO.	JOB NO.	SHEET NO.
6	TEXAS		CR119	14	WILLIAMSON				28

PROPOSED CR 119 BASELINE

* 18 DES CHA BL CR119 \$ PROPOSED CR119 ROAD BASELINE

Chain BL CR119 contains:
CRBL01 CUR CRBL01 CUR CRBL02 CUR CRBL03 CUR CRBL04 CRBL06

Beginning chain BL CR119 description

Point CRBL01 X 3,169,690.7188 Y 10,177,142.2617 Sta 10+00.00

Course from CRBL01 to PC CRBL01 N 7° 24' 46.35" E Dist 484.6074

Curve Data					

Curve CRBL01					
P.I. Station	19+14.17	X	3,169,808.6631	Y	10,178,048.7877
Delta	16° 51' 04.35"	(LT)			
Degree	1° 58' 32.58"				
Tangent	429.5590				
Length	852.9163				
Radius	2,900.0000				
External	31.6413				
Long Chord	849.8456				
Mid. Ord.	31.2998				
P.C. Station	14+84.61	X	3,169,753.2420	Y	10,177,622.8188
P.T. Station	23+37.52	X	3,169,738.2214	Y	10,178,472.5316
C.C.		X	3,166,877.4797	Y	10,177,996.9722
Back	= N 7° 24' 46.35" E				
Ahead	= N 9° 26' 18.00" W				
Chord Bear	= N 1° 00' 45.83" W				

Course from PT CRBL01 to PC CRBL02 N 9° 26' 18.00" W Dist 1,517.0873

Curve Data					

Curve CRBL02					
P.I. Station	50+39.37	X	3,169,295.1566	Y	10,181,137.8016
Delta	50° 42' 46.31"	(LT)			
Degree	2° 17' 30.59"				
Tangent	1,184.7585				
Length	2,212.7661				
Radius	2,500.0000				
External	266.5236				
Long Chord	2,141.2405				
Mid. Ord.	240.8470				
P.C. Station	38+54.61	X	3,169,489.4404	Y	10,179,969.0816
P.T. Station	60+67.38	X	3,168,267.5660	Y	10,181,727.4712
C.C.		X	3,167,023.2837	Y	10,179,559.1166
Back	= N 9° 26' 18.00" W				
Ahead	= N 60° 09' 04.31" W				
Chord Bear	= N 34° 47' 41.15" W				

Course from PT CRBL02 to PC CRBL03 N 60° 09' 04.31" W Dist 626.2674

Curve Data					

Curve CRBL03					
P.I. Station	75+74.71	X	3,166,960.1949	Y	10,182,477.6892
Delta	38° 49' 39.01"	(RT)			
Degree	2° 17' 30.59"				
Tangent	881.0634				
Length	1,694.1694				
Radius	2,500.0000				
External	150.7118				
Long Chord	1,661.9375				
Mid. Ord.	142.1427				
P.C. Station	66+93.64	X	3,167,724.3781	Y	10,182,039.1726
P.T. Station	83+87.81	X	3,166,639.8081	Y	10,183,298.4359
C.C.		X	3,168,968.6604	Y	10,184,207.5271
Back	= N 60° 09' 04.31" W				
Ahead	= N 21° 19' 25.30" W				
Chord Bear	= N 40° 44' 14.80" W				

Course from PT CRBL03 to PC CRBL04 N 21° 19' 25.30" W Dist 2,749.0539

Curve Data					

Curve CRBL04					
P.I. Station	122+46.97	X	3,165,236.4777	Y	10,186,893.3987
Delta	25° 02' 08.17"	(RT)			
Degree	1° 08' 45.30"				
Tangent	1,110.1032				
Length	2,184.7685				
Radius	5,000.0000				
External	121.7506				
Long Chord	2,167.4293				
Mid. Ord.	118.8564				
P.C. Station	111+36.87	X	3,165,640.1518	Y	10,185,859.2921
P.T. Station	133+21.64	X	3,165,308.3455	Y	10,188,001.1731
C.C.		X	3,170,297.8564	Y	10,187,677.4746
Back	= N 21° 19' 25.30" W				
Ahead	= N 3° 42' 42.87" E				
Chord Bear	= N 8° 48' 21.22" W				

Course from PT CRBL04 to CRBL06 N 3° 42' 42.87" E Dist 340.1037

Point CRBL06 X 3,165,330.3637 Y 10,188,340.5634 Sta 136+61.74

Ending chain BL CR119 description

PROPOSED CR 118 BASELINE

* 19 DES CHA BL CR118 \$ PROPOSED CR118 ROAD BASELINE

Chain BL CR118 contains:
BL11801 BL11802

Beginning chain BL CR118 description

Point BL11801 X 3,165,427.3828 Y 10,185,418.7291 Sta 10+00.00

Course from BL11801 to BL11802 N 68° 23' 37.84" E Dist 1,167.7182

Point BL11802 X 3,166,513.0536 Y 10,185,848.7115 Sta 21+67.72

Ending chain BL CR118 description

PROPOSED LIMMER LOOP BASELINE

* 20 DES CHA BL LIMMER \$ PROPOSED LIMMER LOOP BASELINE

Chain BL LIMMER contains:
BLLIM01 BLLIM02

Beginning chain BL LIMMER description

Point BLLIM01 X 3,169,272.1100 Y 10,177,295.4905 Sta 20+00.00

Course from BLLIM01 to BLLIM02 S 82° 54' 54.68" E Dist 787.2935

Point BLLIM02 X 3,170,053.3923 Y 10,177,198.3870 Sta 27+87.29

Ending chain BL LIMMER description

EXISTING CHANDLER ROAD BASELINE

* 2 DESCRIBE CHAIN BL CHANDLER

Chain BL CHANDLER contains:
CUR BL CHANDLER-1 CUR BL CHANDLER-2 CUR BL CHANDLER-3

Beginning chain BL CHANDLER description

Curve Data					

Curve BL CHANDLER-1					
P.I. Station	271+84.32	X	3,162,792.0773	Y	10,189,133.5427
Delta	2° 46' 16.76"	(LT)			
Degree	0° 40' 26.64"				
Tangent	205.6071				
Length	411.1339				
Radius	8,500.0000				
External	2.4864				
Long Chord	411.0939				
Mid. Ord.	2.4856				
P.C. Station	269+78.71	X	3,162,605.8096	Y	10,189,220.5980
P.T. Station	273+89.84	X	3,162,982.3362	Y	10,189,055.5952
C.C.		X	3,166,204.7622	Y	10,196,921.0876
Back	= S 64° 57' 00.64" E				
Ahead	= S 67° 43' 17.40" E				
Chord Bear	= S 66° 20' 09.02" E				

Course from PT BL CHANDLER-1 to PC BL CHANDLER-2 S 67° 43' 17.40" E Dist 1,649.5087

Curve Data					

Curve BL CHANDLER-2					
P.I. Station	298+14.22	X	3,165,225.7373	Y	10,188,136.4927
Delta	34° 26' 28.73"	(LT)			
Degree	2° 17' 30.59"				
Tangent	774.8671				
Length	1,502.7858				
Radius	2,500.0000				
External	117.3305				
Long Chord	1,480.2622				
Mid. Ord.	112.0708				
P.C. Station	290+39.35	X	3,164,508.7125	Y	10,188,430.2517
P.T. Station	305+42.14	X	3,165,983.2108	Y	10,188,299.7497
C.C.		X	3,165,456.4848	Y	10,190,743.6318
Back	= S 67° 43' 17.40" E				
Ahead	= N 77° 50' 13.87" E				
Chord Bear	= S 84° 56' 31.77" E				

Course from PT BL CHANDLER-2 to PC BL CHANDLER-3 N 77° 50' 13.87" E Dist 1,248.7528

Curve Data					

Curve BL CHANDLER-3					
P.I. Station	321+29.22	X	3,167,534.6673	Y	10,188,634.1327
Delta	15° 24' 51.20"	(RT)			
Degree	2° 17' 30.59"				
Tangent	338.3292				
Length	672.5723				
Radius	2,500.0000				
External	22.7895				
Long Chord	670.5459				
Mid. Ord.	22.5836				
P.C. Station	317+90.89	X	3,167,203.9326	Y	10,188,562.8500
P.T. Station	324+63.46	X	3,167,872.4519	Y	10,188,614.9436
C.C.		X	3,167,730.6586	Y	10,186,118.9679
Back	= N 77° 50' 13.87" E				
Ahead	= S 86° 44' 54.93" E				
Chord Bear	= N 85° 32' 39.47" E				

Ending chain BL CHANDLER description

EXISTING CR 100 BASELINE

* 1 DESCRIBE CHAIN BL CR100

Chain BL CR100 contains:
BLCR10001 BLCR10002

Beginning chain BL CR100 description

Point BLCR10001 N 10,188,034.6227 E 3,166,454.9773 Sta 10+00.00

Course from BLCR10001 to BLCR10002 N 21° 07' 09.37" W Dist 800.0044

Point BLCR10002 N 10,188,780.8927 E 3,166,166.7273 Sta 18+00.00

Ending chain BL CR100 description

PROPOSED DRIVEWAY 1 BASELINE

* 18 DES CHA DRWY1 \$ PROPOSED DRIVEWAY 1 BASELINE

Chain DRWY1 contains:
DRWY105 DRWY110

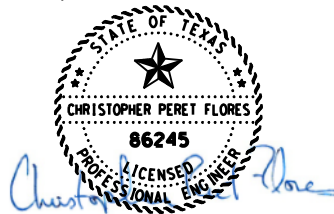
Beginning chain DRWY1 description

Point DRWY105 X 3,169,648.9166 Y 10,177,419.9968 Sta 10+00.00

Course from DRWY105 to DRWY110 S 71° 36' 15.52" E Dist 78.7277

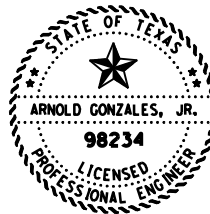
Point DRWY110 X 3,169,723.6213 Y 10,177,395.1521 Sta 10+78.73

Ending chain DRWY1 description



1/16/2019

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9/29/2017

CHANDLER INTERSECTION		CF	12/21/18
NO.	REVISIONS	BY	DATE

CR 119					
 WILLIAMSON COUNTY 1848		 1905 Aldrich Street Suite 300 AUSTIN, TX. 78723 Tel. (512) 328-0011 Fax (512) 328-0325 TBPE Registration Number F-6324 Copyright © 2018			
ROADWAY					
HORIZONTAL ALIGNMENT DATA					
SHEET 01 OF 04					
FED. RD. DIV. NO.	STATE	PROJECT NO.	HIGHWAY NO.		
6	TEXAS		CR119		
STATE DIST. NO.	COUNTY	CONTROL NO.	SECTION NO.		
14	WILLIAMSON				
JOB NO.	SHEET NO.				
	73				

PROPOSED DRIVEWAY 2 BASELINE

* 19 DES CHA DRWY2 \$ PROPOSED DRIVEWAY 2 BASELINE

Chain DRWY2 contains:
DRWY205 DRWY210

Beginning chain DRWY2 description

Point DRWY205 X 3,169,670.1180 Y 10,177,603.9413 Sta 10+00.00

Course from DRWY205 to DRWY210 S 84° 01' 08.95" E Dist 80.0187

Point DRWY210 X 3,169,749.7012 Y 10,177,595.6037 Sta 10+80.02

Ending chain DRWY2 description

PROPOSED DRIVEWAY 3 BASELINE

* 20 DES CHA DRWY3 \$ PROPOSED DRIVEWAY 3 BASELINE

Chain DRWY3 contains:
DRWY305 DRWY310

Beginning chain DRWY3 description

Point DRWY305 X 3,169,720.3178 Y 10,178,580.2314 Sta 10+00.00

Course from DRWY305 to DRWY310 N 69° 55' 37.99" E Dist 96.0492

Point DRWY310 X 3,169,810.5327 Y 10,178,613.1967 Sta 10+96.05

Ending chain DRWY3 description

PROPOSED DRIVEWAY 4 BASELINE

* 21 DES CHA DRWY4 \$ PROPOSED DRIVEWAY 4 BASELINE

Chain DRWY4 contains:
DRWY405 DRWY410

Beginning chain DRWY4 description

Point DRWY405 X 3,169,353.3005 Y 10,180,465.2190 Sta 10+00.00

Course from DRWY405 to DRWY410 N 68° 44' 59.35" E Dist 101.9193

Point DRWY410 X 3,169,448.2900 Y 10,180,502.1587 Sta 11+01.92

Ending chain DRWY4 description

PROPOSED DRIVEWAY 5 BASELINE

* 22 DES CHA DRWY5 \$ PROPOSED DRIVEWAY 5 BASELINE

Chain DRWY5 contains:
DRWY505 CUR CUR505 DRWY510

Beginning chain DRWY5 description

Point DRWY505 X 3,169,148.1855 Y 10,180,876.2318 Sta 10+00.00

Course from DRWY505 to PC CUR505 N 58° 12' 26.63" E Dist 86.3394

Curve Data				

Curve CUR505				
P.I. Station	10+95.55	X	3,169,229.3963	Y 10,180,926.5701
Delta =	9° 55' 42.73"	(RT)		
Degree =	54° 03' 09.39"			
Tangent =	9.2072			
Length =	18.3683			
Radius =	106.0000			
External =	0.3991			
Long Chord =	18.3453			
Mid. Ord. =	0.3976			
P.C. Station	10+86.34	X	3,169,221.5706	Y 10,180,921.7194
P.T. Station	11+04.71	X	3,169,237.9413	Y 10,180,929.9989
C.C. =		X	3,169,277.4163	Y 10,180,831.6235
Back =	N 58° 12' 26.63" E			
Ahead =	N 68° 08' 09.36" E			
Chord Bear =	N 63° 10' 17.99" E			

Course from PT CUR505 to DRWY510 N 68° 08' 09.37" E Dist 34.9240

Point DRWY510 X 3,169,270.3531 Y 10,180,943.0048 Sta 11+39.63

Ending chain DRWY5 description

PROPOSED DRIVEWAY 6 BASELINE

* 23 DES CHA DRWY6 \$ PROPOSED DRIVEWAY 6 BASELINE

Chain DRWY6 contains:
DRWY605 DRWY610

Beginning chain DRWY6 description

Point DRWY605 X 3,168,575.0567 Y 10,181,497.0518 Sta 9+80.00

Course from DRWY605 to DRWY610 N 68° 40' 42.86" E Dist 112.1705

Point DRWY610 X 3,168,679.5497 Y 10,181,537.8370 Sta 10+92.17

Ending chain DRWY6 description

PROPOSED DRIVEWAY 7 BASELINE

* 24 DES CHA DRWY7 \$ PROPOSED DRIVEWAY 7 BASELINE

Chain DRWY7 contains:
DRWY705 DRWY710

Beginning chain DRWY7 description

Point DRWY705 X 3,168,439.5100 Y 10,181,443.0874 Sta 9+20.00

Course from DRWY705 to DRWY710 N 68° 08' 23.30" E Dist 165.5715

Point DRWY710 X 3,168,593.1761 Y 10,181,504.7368 Sta 10+85.57

Ending chain DRWY7 description

PROPOSED DRIVEWAY 8 BASELINE

* 1 DESCRIBE CHAIN DRWY8

Chain DRWY8 contains:
DRWY805 DRWY810

Beginning chain DRWY8 description

Point DRWY805 X 3,166,764.3529 Y 10,183,028.1086 Sta 10+00.00

Course from DRWY805 to DRWY810 N 61° 51' 03.29" E Dist 80.0000

Point DRWY810 X 3,166,834.8907 Y 10,183,065.8500 Sta 10+80.00

Ending chain DRWY8 description

PROPOSED DRIVEWAY 9 BASELINE

* 1 DESCRIBE CHAIN DRWY9

Chain DRWY9 contains:
DRWY905 DRWY910

Beginning chain DRWY9 description

Point DRWY905 X 3,165,900.8311 Y 10,185,191.5005 Sta 10+00.00

Course from DRWY905 to DRWY910 N 68° 40' 34.70" E Dist 80.0000

Point DRWY910 X 3,165,975.3543 Y 10,185,220.5914 Sta 10+80.00

Ending chain DRWY9 description

PROPOSED DRIVEWAY 10 BASELINE

* 1 DESCRIBE CHAIN DRWY10

Chain DRWY10 contains:
DRWY1005 DRWY1010

Beginning chain DRWY10 description

Point DRWY1005 X 3,165,505.9830 Y 10,186,249.9069 Sta 10+00.00

Course from DRWY1005 to DRWY1010 N 73° 24' 37.63" E Dist 80.0000

Point DRWY1010 X 3,165,582.6530 Y 10,186,272.7480 Sta 10+80.00

Ending chain DRWY10 description

PROPOSED DRIVEWAY 11 BASELINE

* 1 DESCRIBE CHAIN DRWY11

Chain DRWY11 contains:
DRWY1105 DRWY1110

Beginning chain DRWY11 description

Point DRWY1105 X 3,165,297.8715 Y 10,187,689.7634 Sta 10+00.00

Course from DRWY1105 to DRWY1110 S 89° 51' 33.05" E Dist 135.0000

Point DRWY1110 X 3,165,432.8711 Y 10,187,689.4316 Sta 11+35.00

Ending chain DRWY11 description

PROPOSED DRIVEWAY 12 BASELINE

* 2 DESCRIBE CHAIN DRWY12

Chain DRWY12 contains:
DRWY1205 DRWY1210

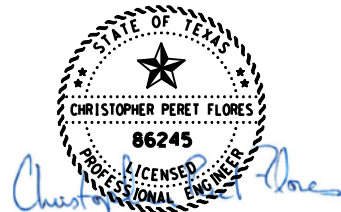
Beginning chain DRWY12 description

Point DRWY1205 X 3,165,182.8719 Y 10,187,690.0461 Sta 10+00.00

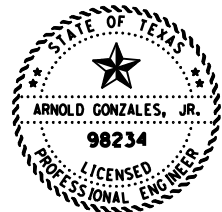
Course from DRWY1205 to DRWY1210 S 89° 51' 33.05" E Dist 115.0000

Point DRWY1210 X 3,165,297.8715 Y 10,187,689.7634 Sta 11+15.00

Ending chain DRWY12 description



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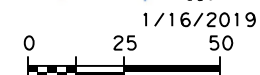
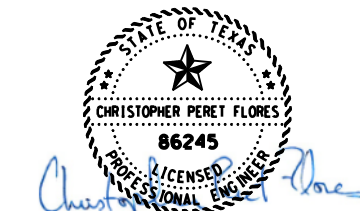
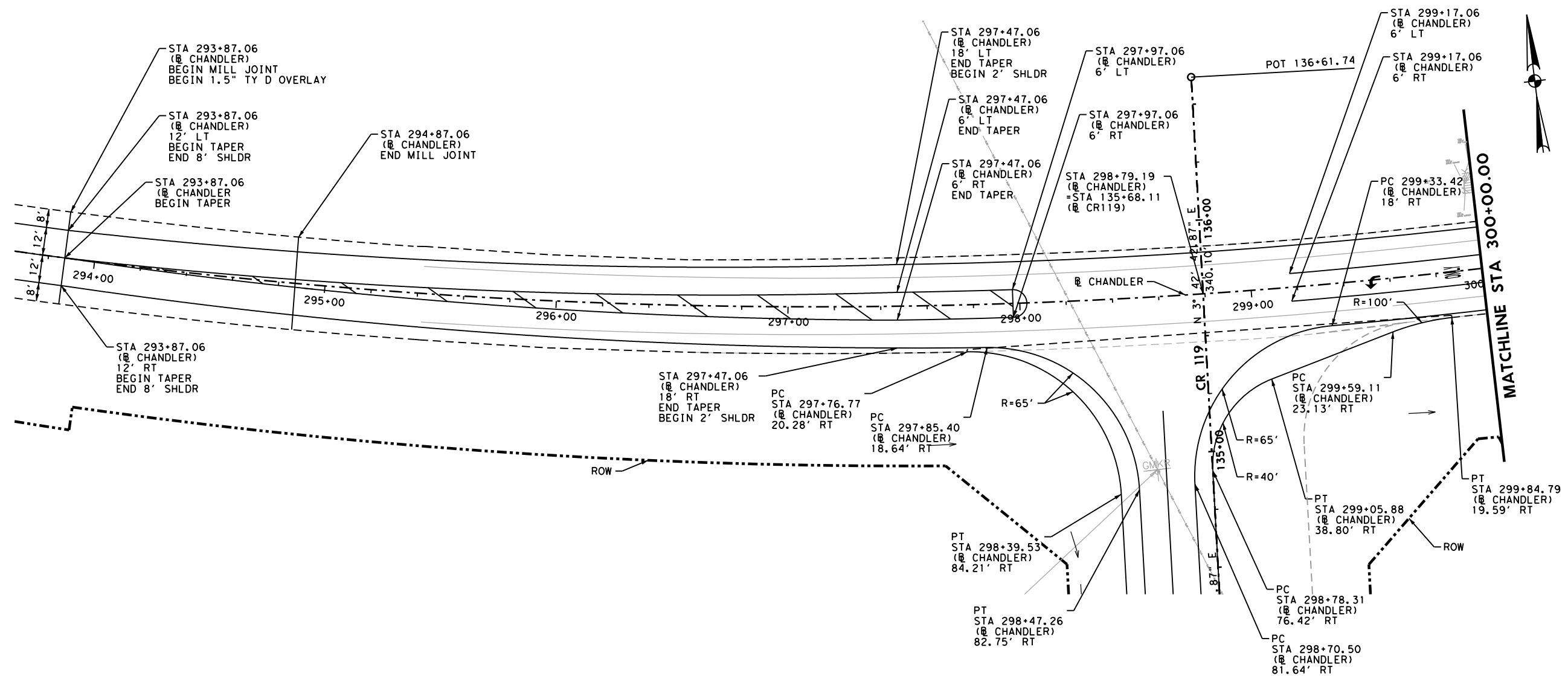


ROADWAY

HORIZONTAL ALIGNMENT DATA

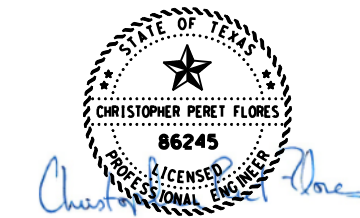
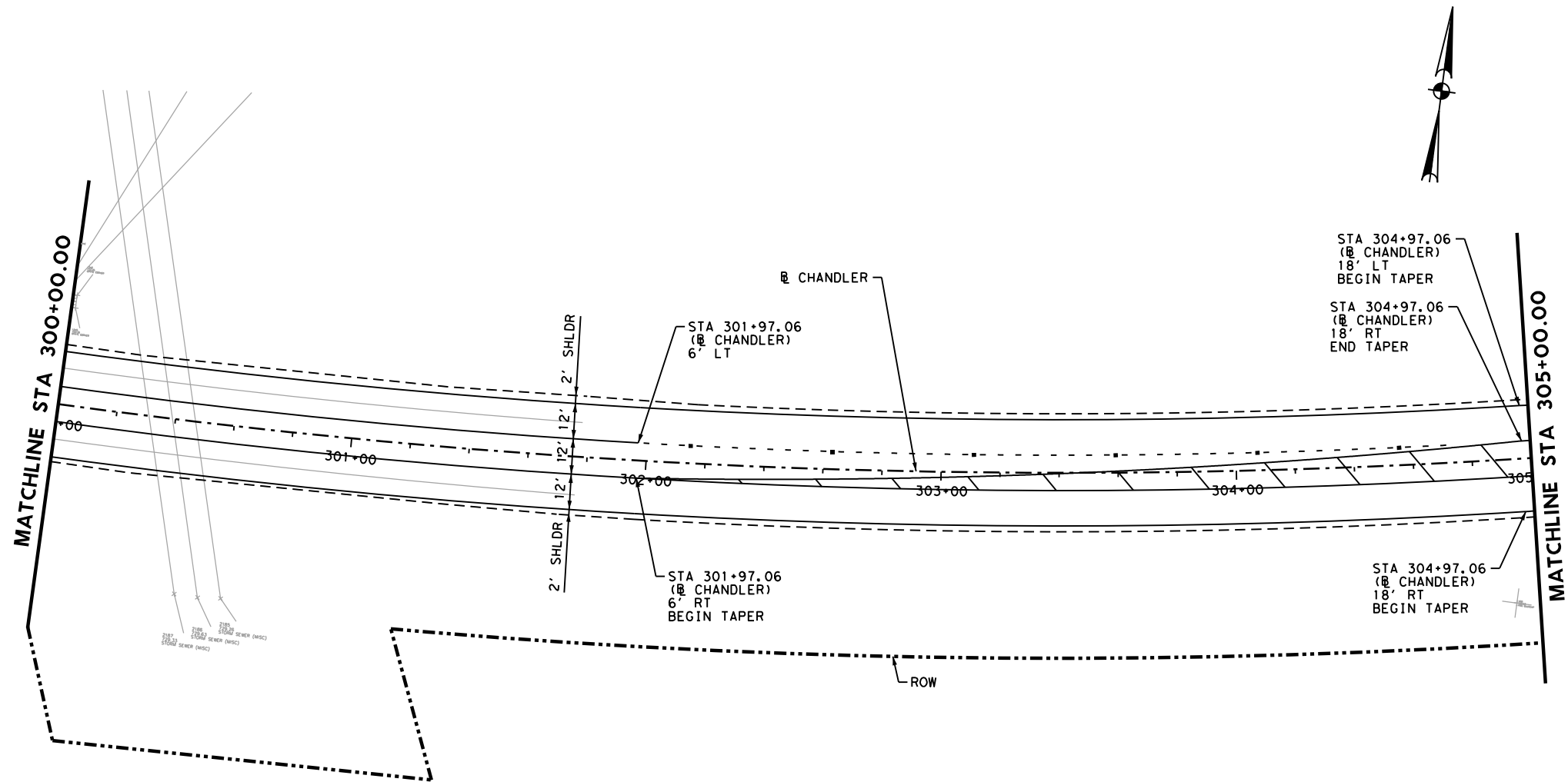
SHEET 02 OF 04

FED. DIV.	RD. NO.	STATE	PROJECT NO.	HIGHWAY NO.	STATE DIST. NO.	COUNTY	CONTROL NO.	SECTION NO.	JOB NO.	SHEET NO.
6		TEXAS		CR119	14	WILLIAMSON				74



NO.	REVISIONS	BY	DATE
1	CHANDLER INTERSECTION	CF	12/21/18

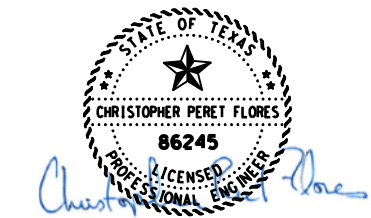
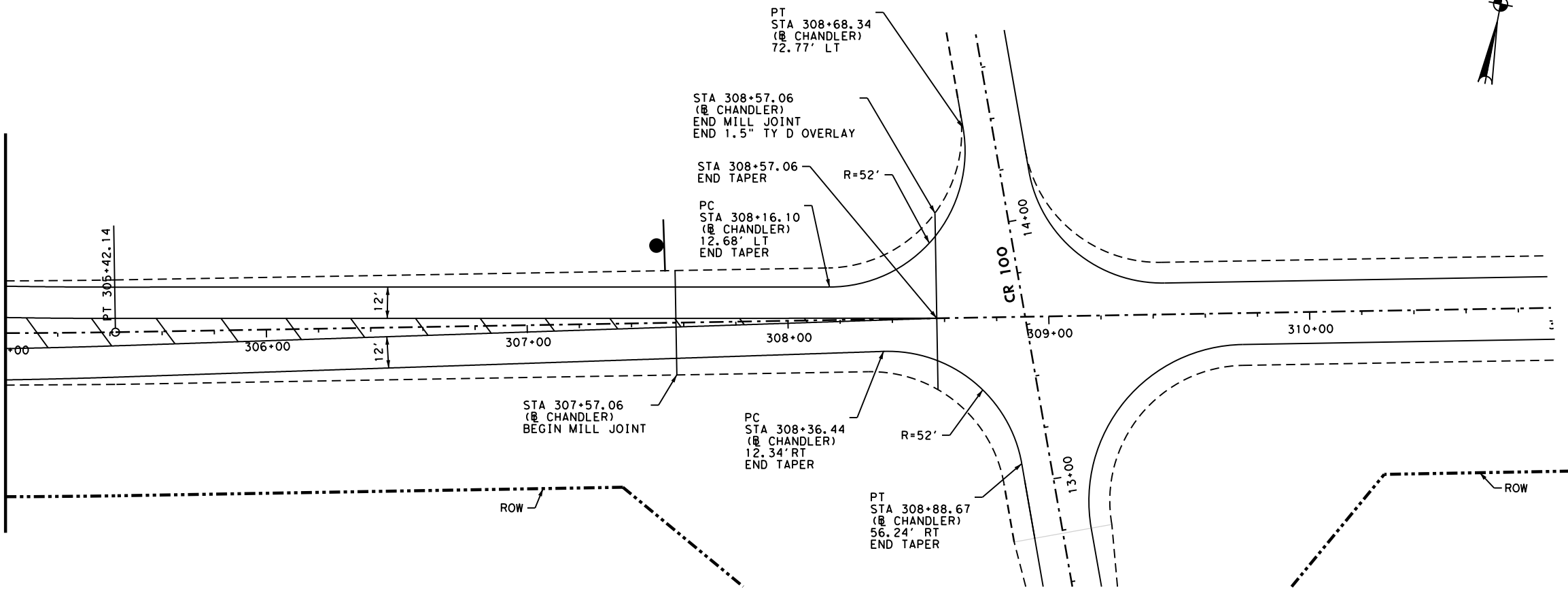
CR 119									
 WILLIAMSON COUNTY 1848					 Stantec 1905 Aldrich Street Suite 300 AUSTIN, TX, 78723 Tel. (512) 328-0011 Fax (512) 328-0325 TBPE Registration Number F-6324 Copyright © 2018				
CHANDLER LEFT TURN LANE									
SHEET 01 OF 03									
FED. RD. DIV. NO.	STATE	PROJECT NO.	HIGHWAY NO.	STATE DIST. NO.	COUNTY	CONTROL NO.	SECTION NO.	JOB NO.	SHEET NO.
6	TEXAS		CR119	14	WILLIAMSON				103A



NO.	REVISIONS	BY	DATE
1	CHANDLER INTERSECTION	CF	12/21/18

CR 119									
									
CHANDLER LEFT TURN LANE									
SHEET 02 OF 03									
FED. RD. DIV. NO.	STATE	PROJECT NO.	HIGHWAY NO.	STATE DIST. NO.	COUNTY	CONTROL NO.	SECTION NO.	JOB NO.	SHEET NO.
6	TEXAS		CR119	14	WILLIAMSON				1038

MATCHLINE STA 305+00.00



NO.	REVISIONS	BY	DATE
1	CHANDLER INTERSECTION	CF	12/21/18

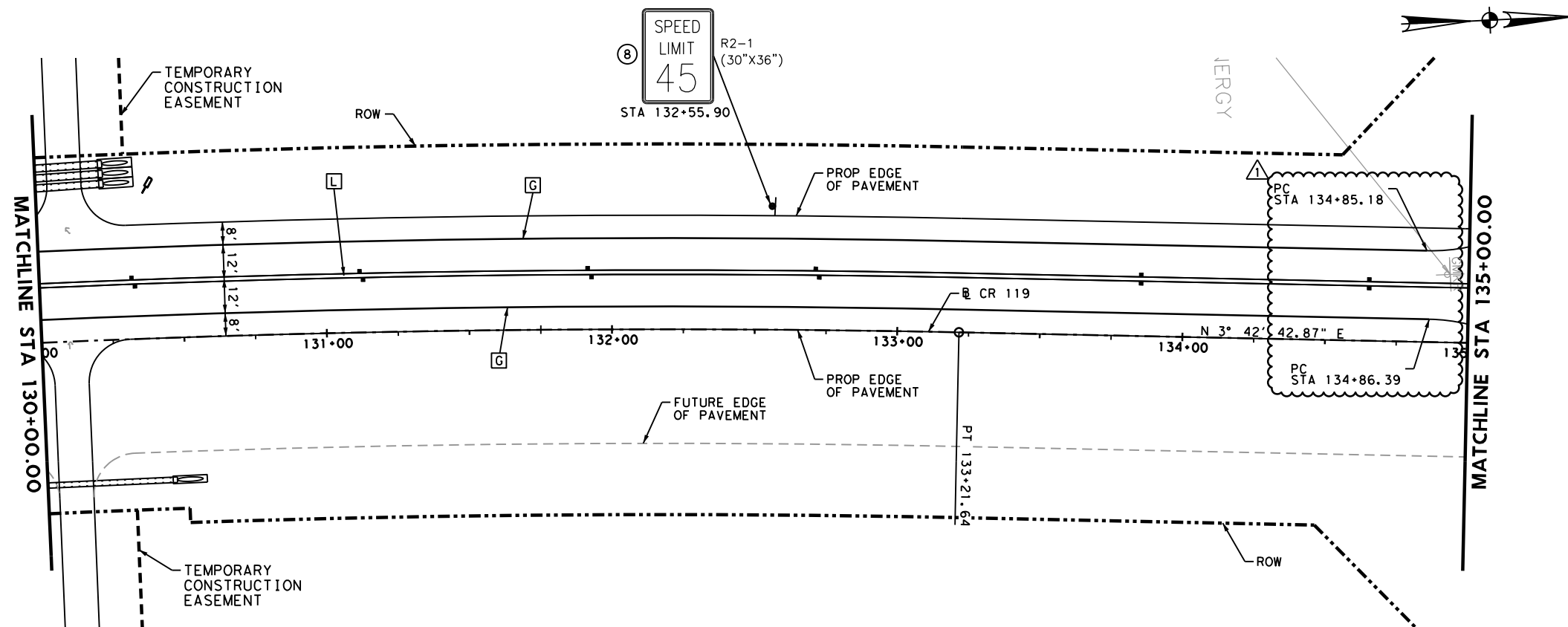
CR 119



CHANDLER LEFT TURN LANE

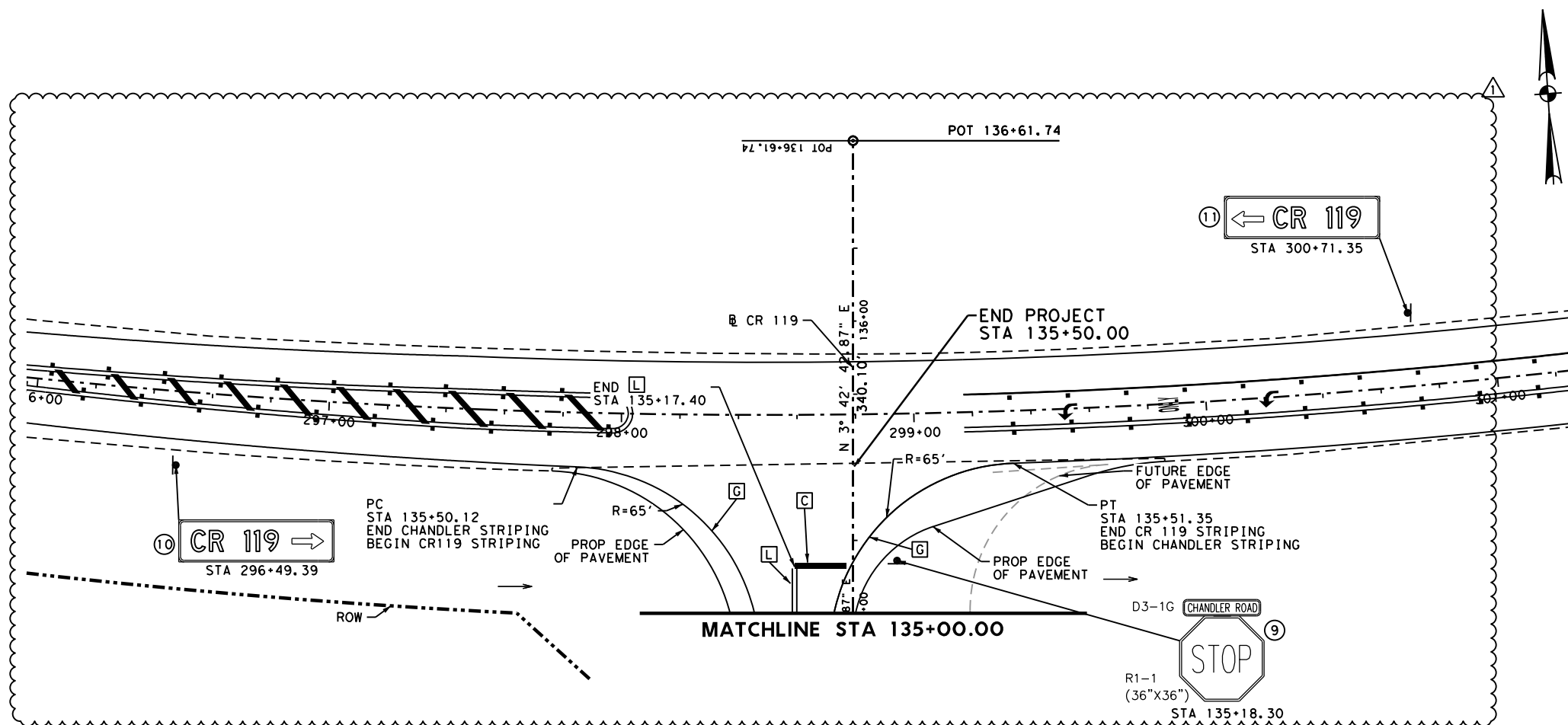
SHEET 03 OF 03

FED. RD. DIV. NO.	STATE	PROJECT NO.	HIGHWAY NO.	STATE DIST. NO.	COUNTY	CONTROL NO.	SECTION NO.	JOB NO.	SHEET NO.
6	TEXAS		CR119	14	WILLIAMSON				103C

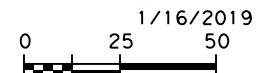
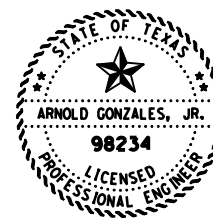
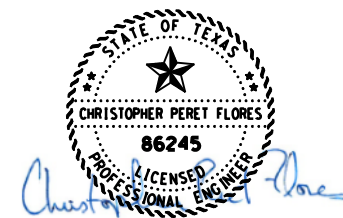


- LEGEND**
- [B] 8 INCH WIDE WHITE LINE (SLD) (REFL) W/RAIS PAV MRKR (REFL) TY I-C @ 20' C-C
 - [C] 24 INCH WIDE WHITE LINE (SLD) (REFL) STOP BAR
 - [D] 24 INCH WIDE YELLOW LINE (SLD) (REFL)
 - [E] RIGHT/LEFT/THRU ARROW (REFL)
 - [F] WORD "ONLY" WHITE (REFL)
 - [G] 4 INCH WIDE WHITE LINE (SLD) (REFL)
 - [H] 6 INCH WIDE WHITE LINE (BRK) (REFL)
 - [I] 24 INCH WIDE WHITE LINE (SLD) (REFL)
 - [J] 4 INCH WIDE YELLOW LINE (BRK) (REFL)
 - [K] 8 INCH WIDE WHITE DOT (REFL) W/RAIS PAV MRKR (REFL) TY I-C @ 48' C-C
 - [L] 4 INCH WIDE DBL YELLOW LINE (SLD) (REFL) W/RAIS PAV MRKR (REFL) TY II A-A @ 80' C-C
- RIGHT OF WAY BOUNDARY
 - Ⓢ PROPOSED SIGN
 - Ⓜ EXISTING SIGN TO BE REMOVED
 - Ⓢ EXISTING SIGN TO REMAIN
 - Ⓜ OM ASSM OM-2Y (WC) GND
 - Ⓜ DEL ASSM (D-SW) SZ 1 (BRF) GF2
 - Ⓜ DEL ASSM (D-SW) SZ (BRF) CTB) B1)

NOTES:
1. REFER TO SIGNING AND PAVEMENT MARKING LAYOUT SHEET 1 OF 15 FOR SMALL SIGN DETAILS.



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NO.	REVISIONS	BY	DATE
1	CHANDLER INTERSECTION	CF	12/21/18

CR 119

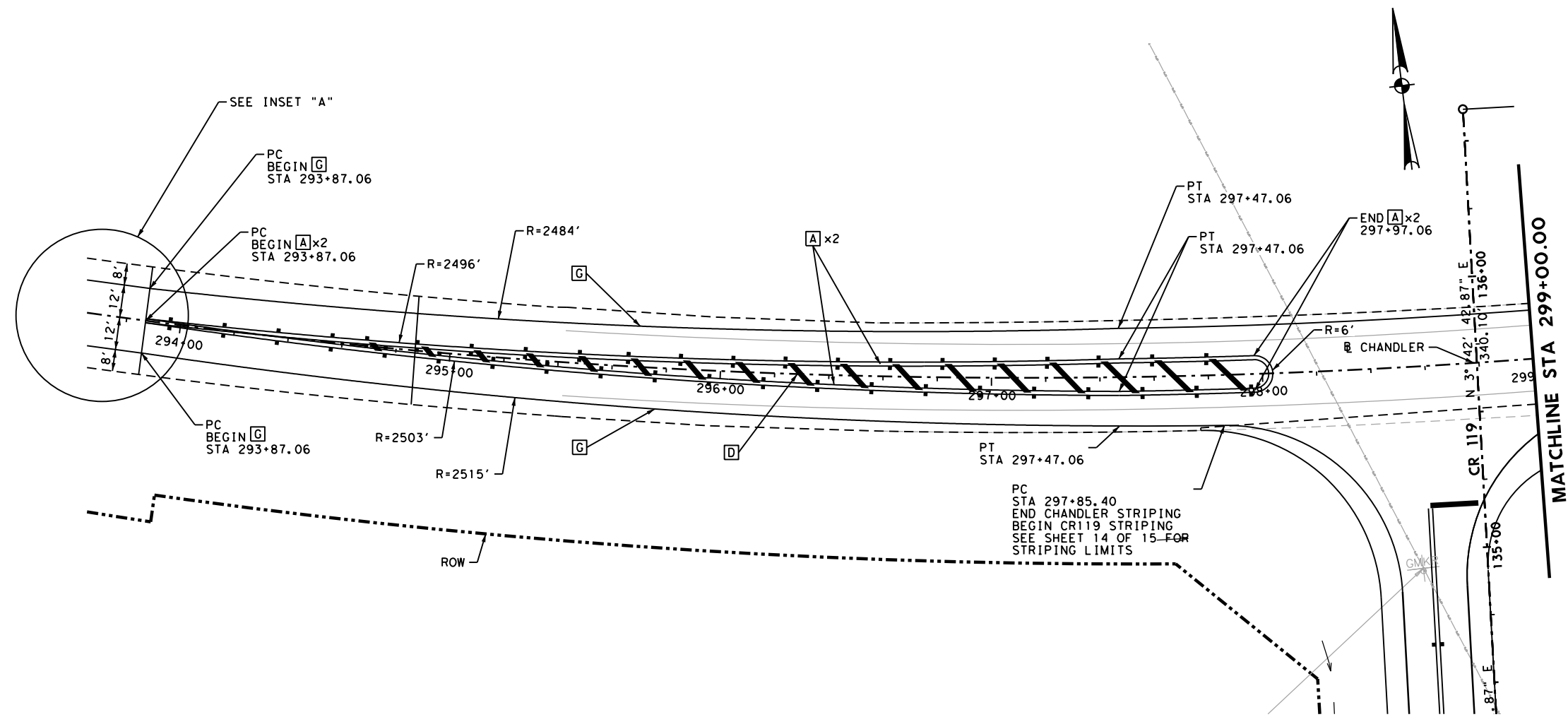


**TRAFFIC
SIGNING AND PAVEMENT
MARKING LAYOUT**

STA 130+00 TO END PROJECT

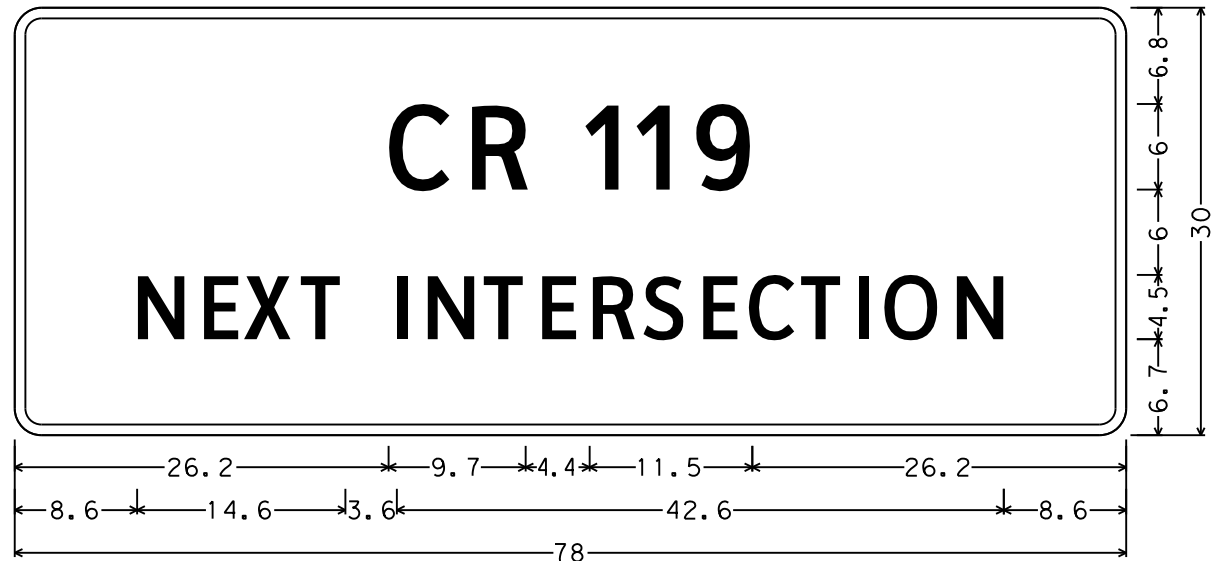
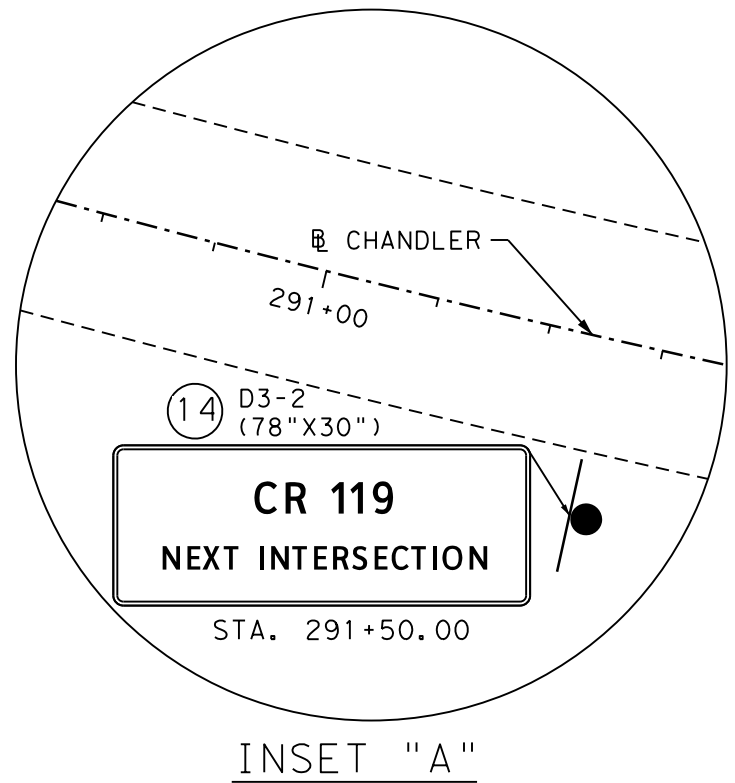
SHEET 14 OF 15

FED. RD. DIV. NO.	STATE	PROJECT NO.	HIGHWAY NO.	STATE DIST. NO.	COUNTY	CONTROL NO.	SECTION NO.	JOB NO.	SHEET NO.
6	TEXAS		CR119	14	WILLIAMSON				247

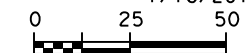
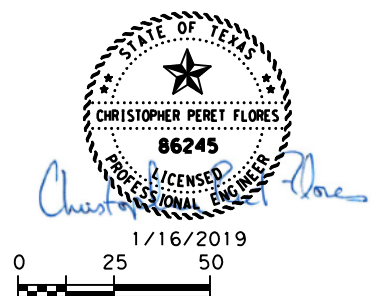


- LEGEND**
- [A] 4 INCH WIDE YELLOW LINE (SLD) (REFL) W/RAIS PAV MRKR (REFL) TY II A-A @ 20' C-C
 - [B] 8 INCH WIDE WHITE LINE (SLD) (REFL) W/RAIS PAV MRKR (REFL) TY I-C @ 20' C-C
 - [C] 24 INCH WIDE WHITE LINE (SLD) (REFL) STOP BAR
 - [D] 24 INCH WIDE YELLOW LINE (SLD) (REFL)
 - [E] RIGHT/LEFT/THRU ARROW (REFL)
 - [F] WORD "ONLY" WHITE (REFL)
 - [G] 4 INCH WIDE WHITE LINE (SLD) (REFL)
 - [H] 6 INCH WIDE WHITE LINE (BRK) (REFL)
 - [I] 24 INCH WIDE WHITE LINE (SLD) (REFL)
 - [J] 4 INCH WIDE YELLOW LINE (BRK) (REFL)
 - [K] 8 INCH WIDE WHITE DOT (REFL) W/RAIS PAV MRKR (REFL) TY I-C @ 48' C-C
 - [L] 4 INCH WIDE DBL YELLOW LINE (SLD) (REFL) W/RAIS PAV MRKR (REFL) TY II A-A @ 80' C-C
- RIGHT OF WAY BOUNDARY
- ⊕ PROPOSED SIGN
- ⊞ EXISTING SIGN TO BE REMOVED
- ⊠ EXISTING SIGN TO REMAIN
- OM ASSM OM-2Y(WC)GND
- ⊞ DEL ASSM (D-SW)SZ 1(BRF)GF2
- ⊞ DEL ASSM (D-SW)SZ (BRF)CTB)BI

- NOTES:**
- REFER TO SIGNING AND PAVEMENT MARKING LAYOUT SHEET 1 OF 15 FOR SMALL SIGN DETAILS.
 - REFER TO TCP PHASE 2 SHEETS FOR PAVEMENT MARKINGS FROM STA 23+37.52 TO STA 58+00.00.



D3-2(1)_VARx30; 1.9" Radius, 0.8" Border, White on Green;
"CR 119" ClearviewHwy-3-W; "NEXT INTERSECTION" ClearviewHwy-3-W;



NO.	REVISIONS	BY	DATE
1	CHANDLER INTERSECTION	CF	12/21/18

CR 119

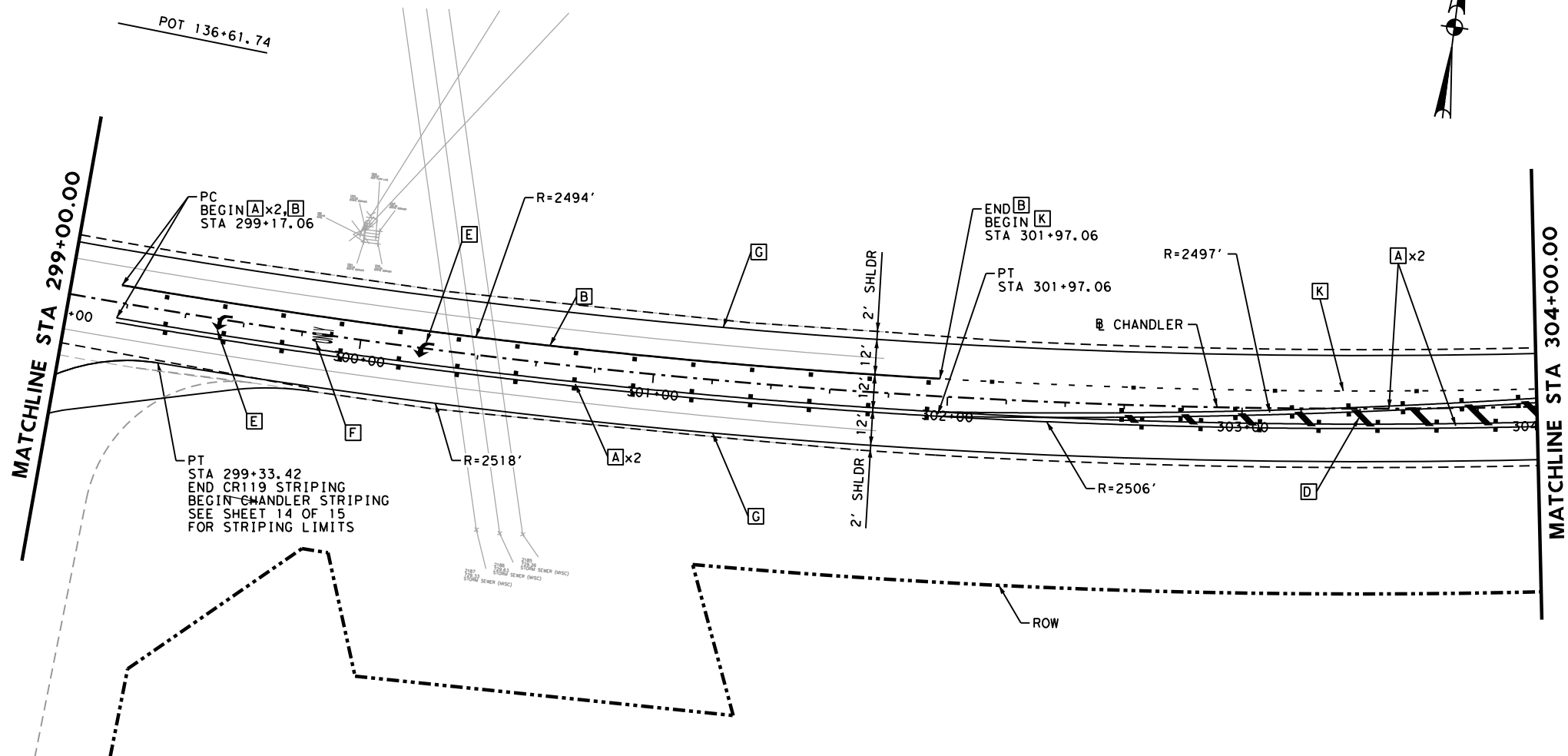


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**TRAFFIC
SIGNING AND PAVEMENT
MARKING LAYOUT**

FED. RD. DIV. NO.	STATE	PROJECT NO.	HIGHWAY NO.	STATE DIST. NO.	COUNTY	CONTROL NO.	SECTION NO.	JOB NO.	SHEET NO.
6	TEXAS		CR119	14	WILLIAMSON				247A

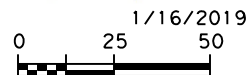
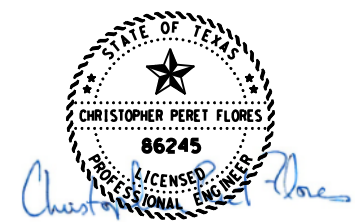
SHEET 01 OF 03



LEGEND

- [A] 4 INCH WIDE YELLOW LINE (SLD) (REFL) W/RAIS PAV MRKR (REFL) TY II A-A @ 20' C-C
 - [B] 8 INCH WIDE WHITE LINE (SLD) (REFL) W/RAIS PAV MRKR (REFL) TY I-C @ 20' C-C
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- RIGHT OF WAY BOUNDARY
 - ⊕ PROPOSED SIGN
 - ⊞ EXISTING SIGN TO BE REMOVED
 - ⊠ EXISTING SIGN TO REMAIN
 - ⊞ OM ASSM OM-2Y(WC)GND
 - ⊞ DEL ASSM (D-SW)SZ 1(BRF)GF2
 - ⊞ DEL ASSM (D-SW)SZ (BRF)CTB)BI

- NOTES:
- REFER TO SIGNING AND PAVEMENT MARKING LAYOUT SHEET 1 OF 15 FOR SMALL SIGN DETAILS.
 - REFER TO TCP PHASE 2 SHEETS FOR PAVEMENT MARKINGS FROM STA 23+37.52 TO STA 58+00.00.



1	CHANDLER INTERSECTION	CF	12/21/18
NO.	REVISIONS	BY	DATE

CR 119

WILLIAMSON COUNTY
1848

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TRAFFIC
SIGNING AND PAVEMENT
MARKING LAYOUT

SHEET 02 OF 03

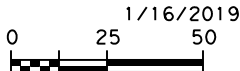
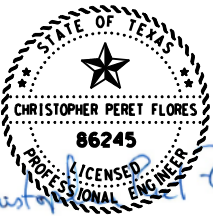
FED. RD. DIV. NO.	STATE	PROJECT NO.	HIGHWAY NO.	STATE DIST. NO.	COUNTY	CONTROL NO.	SECTION NO.	JOB NO.	SHEET NO.
6	TEXAS		CR119	14	WILLIAMSON				247B

LEGEND

- [A] 4 INCH WIDE YELLOW LINE (SLD) (REFL) W/RAIS PAV MRKR (REFL) TY II A-A @ 20' C-C
- [B] 8 INCH WIDE WHITE LINE (SLD) (REFL) W/RAIS PAV MRKR (REFL) TY I-C @ 20' C-C
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- ⊕ PROPOSED SIGN
- ⊞ EXISTING SIGN TO BE REMOVED
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- ⊞ OM ASSM OM-2Y (WC) GND
- ⊞ DEL ASSM (D-SW) SZ 1 (BRF) GF2
- ⊞ DEL ASSM (D-SW) SZ (BRF) CTB) B1

- NOTES:
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NO.	REVISIONS	BY	DATE
1	CHANDLER INTERSECTION	CF	12/21/18

CR 119



TRAFFIC
SIGNING AND PAVEMENT
MARKING LAYOUT

SHEET 03 OF 03

FED. RD. DIV. NO.	STATE	PROJECT NO.	HIGHWAY NO.	STATE DIST. NO.	COUNTY	CONTROL NO.	SECTION NO.	JOB NO.	SHEET NO.
6	TEXAS		CR119	14	WILLIAMSON				247C