

DEC 11 2019

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WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 1

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 1708-186  
 Roadway: Round Rock 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).

<p><i>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.</i></p> <p>THE CONTRACTOR _____ Date <u>12/6/19</u></p> <p>By <u>[Signature]</u></p> <p>Typed/Printed Name <u>Andrew Batten</u></p> <p>Typed/Printed Title <u>Project Manager</u></p>	<p><b>The following information must be provided</b></p> <p>Time Ext. #: <u>1</u> Days added on this CO: <u>15</u></p> <p>Amount added by this change order: <u>(\$61,412.38)</u></p>
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RECOMMENDED FOR EXECUTION:

[Signature] P.E. 12/10/19  
 Project Manager Date

N/A  
 Design Engineer Date

[Signature] 12/11/2019  
 Program Manager Date

Design Engineer's Seal:

See attached plans

County Commissioner Precinct 1 Date  
 APPROVED  REQUEST APPROVAL

County Commissioner Precinct 2 Date  
 APPROVED  REQUEST APPROVAL

County Commissioner Precinct 3 Date  
 APPROVED  REQUEST APPROVAL

County Commissioner Precinct 4 Date  
 APPROVED  REQUEST APPROVAL

[Signature] 1/7/20  
 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:

ITEM	DESCRIPTION	UNIT	UNIT PRICE	ORIGINAL + PREVIOUSLY REVISED		ADD or (DEDUCT)	NEW		OVERRUN/UNDERRUN
				QUANTITY	ITEM COST	QUANTITY	QUANTITY	ITEM COST	
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
<b>TOTALS</b>					\$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	TMP 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)
<b>TOTALS</b>					<b>\$2,721,095.35</b>			<b>\$2,657,355.47</b>	<b>\$ (61,752.28)</b>

# 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)
<b>TOTALS</b>					<b>\$3,120,339.01</b>			<b>\$3,056,939.03</b>	<b>(\$61,412.38)</b>

## CHANGE ORDER REASON(S) CODE CHART

<p>1. Design Error or Omission</p>	<p>1A. Incorrect PS&amp;E 1B. Other</p>
<p>2. Differing Site Conditions (unforeseeable)</p>	<p>2A. Dispute resolution (expense caused by conditions and/or resulting delay) 2B. Unavailable material 2C. New development (conditions changing after PS&amp;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</p>
<p>3. County Convenience</p>	<p>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</p>
<p>4. Third Party Accommodation</p>	<p>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</p>
<p>5. Contractor Convenience</p>	<p>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</p>
<p>6. Untimely ROW/Utilities</p>	<p>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</p>

**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 Excav  
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](mailto:erchurch@hntb.com)

**HNTB CORPORATION**

101 E. Old Settlers Blvd., Ste. 100 | Round Rock, TX 78664 | [hntb.com](http://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
<b>Equipment Total</b>					<b>\$ 495.25</b>

**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
<b>Labor Total</b>				<b>\$ 846.00</b>

**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
<b>Material Total</b>				<b>\$ 3,264.00</b>

**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
<b>Subcontractor Total</b>				<b>\$ 264.60</b>

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

**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

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**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](mailto: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](http://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>
	<b>54,534.30</b>

# 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
<b>Equipment Total</b>						<b>\$ 2,363.14</b>

### 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
<b>Labor Total</b>						<b>\$ 1,134.00</b>

### STATEMENT OF MATERIAL (DELIVERED)

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

**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
<b>Equipment Total</b>						<b>\$ 4,228.32</b>

### 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
<b>Labor Total</b>						<b>\$ 1,476.00</b>

### STATEMENT OF MATERIAL (DELIVERED)

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

**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
<b>Equipment Total</b>						<b>\$ 3,730.37</b>

### 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
<b>Labor Total</b>						<b>\$ 702.00</b>

### STATEMENT OF MATERIAL (DELIVERED)

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

**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
<b>Equipment Total</b>						<b>\$ 3,730.37</b>

### 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
<b>Labor Total</b>						<b>\$ 1,008.00</b>

### STATEMENT OF MATERIAL (DELIVERED)

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

**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
<b>Equipment Total</b>						<b>\$ 5,249.75</b>

### 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
<b>Labor Total</b>						<b>\$ 1,476.00</b>

### STATEMENT OF MATERIAL (DELIVERED)

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

**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
<b>Equipment Total</b>						<b>\$ 5,249.75</b>

### 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
<b>Labor Total</b>						<b>\$ 1,476.00</b>

### STATEMENT OF MATERIAL (DELIVERED)

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

**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
<b>Equipment Total</b>						<b>\$ 3,730.37</b>

### 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
<b>Labor Total</b>						<b>\$ 702.00</b>

### STATEMENT OF MATERIAL (DELIVERED)

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

**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
<b>Equipment Total</b>						<b>\$ 5,139.93</b>

### 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
<b>Labor Total</b>						<b>\$ 1,710.00</b>

### STATEMENT OF MATERIAL (DELIVERED)

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

**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
<b>Equipment Total</b>						<b>\$ 7,108.38</b>

### STATEMENT OF LABOR

DESCRIPTION	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
<b>Labor Total</b>					<b>\$ 3,780.00</b>

### STATEMENT OF MATERIAL (DELIVERED)

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

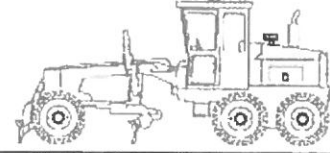
**SUBTOTAL** \$ 10,888.38  
**1% BOND** \$ 108.88  
**TOTAL AMOUNT DUE:** **\$ 10,997.26**



**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	<b>14.0 ft</b>	Net Horsepower	<b>259.0 hp</b>
Operator Protection	<b>EROPS</b>	Power Mode	<b>Diesel</b>

**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 Hourly	FHWA Rate** Hourly
	Monthly	Weekly	Daily	Hourly		
Published Rates	USD \$13,575.00	USD \$3,800.00	USD \$950.00	USD \$145.00	USD \$63.55	USD \$140.68
<b>Adjustments</b>						
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%)					-	
<b>Total:</b>	<b>USD \$12,068.17</b>	<b>USD \$3,378.20</b>	<b>USD \$844.55</b>	<b>USD \$128.90</b>	<b>USD \$63.55</b>	<b>USD \$132.12</b>

**Non-Active Use Rates**

Standby Rate	Hourly
Idling Rate	USD \$37.71
	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	<b>5.8 cu yd</b>	Net Horsepower	<b>202 hp</b>
Operator Protection	<b>ROPS/FOPS</b>	Power Mode	<b>Diesel</b>

**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 Hourly	FHWA Rate** Hourly
	Monthly	Weekly	Daily	Hourly		
Published Rates	USD \$6,920.00	USD \$1,940.00	USD \$485.00	USD \$73.00	USD \$38.42	USD \$77.74
<b>Adjustments</b>						
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%)					-	
<b>Total:</b>	<b>USD \$6,151.88</b>	<b>USD \$1,724.66</b>	<b>USD \$431.17</b>	<b>USD \$64.90</b>	<b>USD \$38.42</b>	<b>USD \$73.37</b>

**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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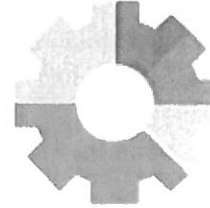
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**Rental Rate Blue Book®**

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	<b>4X2</b>	Horsepower	<b>200.0</b>
Maximum Gross Vehicle Weight	<b>25000.0 lbs</b>	Power Mode	<b>Diesel</b>
Struck Capacity	<b>5.0 - 6.0 cu yd</b>		

**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 Hourly USD \$25.13	FHWA Rate** Hourly USD \$37.46
	Monthly	Weekly	Daily	Hourly		
Published Rates	USD \$2,170.00	USD \$610.00	USD \$155.00	USD \$23.00		
<b>Adjustments</b>						
Region ( Texas: 91.4%)	(USD \$186.62)	(USD \$52.46)	(USD \$13.33)	(USD \$1.96)		
Model Year (2019: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
<b>Total:</b>	<b>USD \$1,983.38</b>	<b>USD \$557.54</b>	<b>USD \$141.67</b>	<b>USD \$21.02</b>	<b>USD \$25.13</b>	<b>USD \$36.40</b>

**Non-Active Use Rates**

	<b>Hourly</b>
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

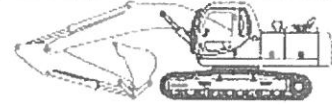
Revised Date: 2nd half 2019

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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	<b>1.25 cu yd</b>	Net Horsepower	<b>138.0 hp</b>
Operating Weight	<b>23.0 mt</b>	Power Mode	<b>Diesel</b>

**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 Hourly USD \$46.84	FHWA Rate** Hourly USD \$93.80
	Monthly	Weekly	Daily	Hourly		
Published Rates	USD \$8,265.00	USD \$2,315.00	USD \$580.00	USD \$87.00		
<b>Adjustments</b>						
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%)						
<b>Total:</b>	<b>USD \$7,488.09</b>	<b>USD \$2,097.39</b>	<b>USD \$525.48</b>	<b>USD \$78.82</b>	<b>USD \$46.84</b>	<b>USD \$89.39</b>

**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 Hourly	FHWA Rate** Hourly
	Monthly	Weekly	Daily	Hourly		
Published Rates	USD \$2,980.00	USD \$835.00	USD \$210.00	USD \$32.00	USD \$18.57	USD \$35.50
<b>Adjustments</b>						
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%)						
<b>Total:</b>	<b>USD \$2,649.22</b>	<b>USD \$742.32</b>	<b>USD \$186.69</b>	<b>USD \$28.45</b>	<b>USD \$18.57</b>	<b>USD \$33.62</b>

**Non-Active Use Rates**

	<b>Hourly</b>
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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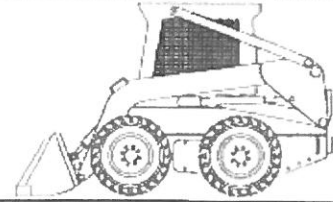
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 (stevepack@joeblandconstruction.com)

**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	<b>9.2 gal</b>	Net Horsepower	<b>70.0 hp</b>
Operating Capacity (Sae)	<b>1950.0 lbs</b>	Operator Protection	<b>ROPS/FOPS</b>
Power Mode	<b>Diesel</b>		

**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 Hourly	FHWA Rate** Hourly
	Monthly	Weekly	Daily	Hourly		
Published Rates	USD \$2,880.00	USD \$805.00	USD \$200.00	USD \$30.00	USD \$17.85	USD \$34.21
<b>Adjustments</b>						
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%)					-	
<b>Total:</b>	<b>USD \$2,560.32</b>	<b>USD \$715.65</b>	<b>USD \$177.80</b>	<b>USD \$26.67</b>	<b>USD \$17.85</b>	<b>USD \$32.40</b>

**Non-Active Use Rates**

	<b>Hourly</b>
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 FRONTA  
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

786 021.2010 07

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

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

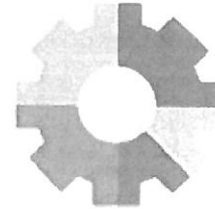
You Can Now Access Invoice History and Update Purchase Orders Online  
To Sign Up, contact URControlSupport@ur.com

**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	<b>4.0 x 4.0</b>	Cab Type	<b>Crew</b>
Horsepower	<b>410.0 hp</b>	Power Mode	<b>Gasoline</b>
Ton Rating	<b>1.0</b>		

**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 Hourly	FHWA Rate** Hourly
	Monthly	Weekly	Daily	Hourly		
Published Rates	USD \$1,175.00	USD \$330.00	USD \$83.00	USD \$12.00	USD \$24.38	USD \$31.06
<b>Adjustments</b>						
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%)					-	
<b>Total:</b>	<b>USD \$1,073.95</b>	<b>USD \$301.62</b>	<b>USD \$75.86</b>	<b>USD \$10.97</b>	<b>USD \$24.38</b>	<b>USD \$30.48</b>

**Non-Active Use Rates**

Standby Rate	Hourly	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

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@joelandconstruction.com)

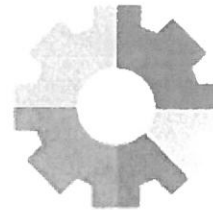


**Rental Rate Blue Book®**

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	<b>4X2</b>	Horsepower	<b>200.0</b>
Maximum Gross Vehicle Weight	<b>25000.0 lbs</b>	Power Mode	<b>Diesel</b>
Struck Capacity	<b>5.0 - 6.0 cu yd</b>		

**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 Hourly	FHWA Rate** Hourly
	Monthly	Weekly	Daily	Hourly		
Published Rates	USD \$2,170.00	USD \$610.00	USD \$155.00	USD \$23.00	USD \$25.13	USD \$37.46
<b>Adjustments</b>						
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%)					-	
<b>Total:</b>	<b>USD \$1,983.38</b>	<b>USD \$557.54</b>	<b>USD \$141.67</b>	<b>USD \$21.02</b>	<b>USD \$25.13</b>	<b>USD \$36.40</b>

**Non-Active Use Rates**

	<b>Hourly</b>
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

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)

## 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



1311 DESSAU ROAD  
AUSTIN, TEXAS 78754  
512-821-2808

---

**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](mailto: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](mailto: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](mailto:dhaggard@hntb.com)

---

**From:** Andrew Batten <[abatten@joeblandconstruction.com](mailto:abatten@joeblandconstruction.com)>  
**Sent:** Thursday, October 31, 2019 8:02 AM  
**To:** Dawn Haggard <[dhaggard@HNTB.com](mailto:dhaggard@HNTB.com)>  
**Cc:** 62811\_1708-186\_CR119 <[34275\\_RB\\_CR119@HNTB.com](mailto: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](mailto:abatten@joeblandconstruction.com)>  
**Cc:** 62811\_1708-186\_CR119 <[34275\\_RB\\_CR119@HNTB.com](mailto: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](mailto:dhaggard@hntb.com)

**HNTB CORPORATION**  
101 E Old Settlers Blvd. Suite 100, Round Rock, TX 78664 | [www.hntb.com](http://www.hntb.com)





PAGE 2 OF PAYROLL NO. \_\_\_\_\_ WEEK ENDING - 09/30/2018  
 Job 786 CR 119 WAGE DECISION NO.  
 HUTTO TX CONTRACT NUMBER

CERTIFIED PAYROLL REPORT

NAME ADDRESS ZIP CODE/ SOCIAL SEC#/ EXM	S E MIN WORK CLASS X CDE	HOURS WORKED THIS Job							TX	CONTRACT START	THIS WEEK							
		9/ 24 MON	9/ 25 TUE	9/ 26 WED	9/ 27 THU	9/ 28 FRI	9/ 29 SAT	9/ 30 SUN			TOT HR	TOT OV	FICA FED W/T	SDI UNION	TOT PAY	TOT DED	TOT NET PAY	TOT ST
Jose L Garcia 2425 Rockridge Dr Austin TX 78744 XXX-XX-7132 00	1130 Cncrte Fin M 2 1130 Cncrte Fin	.00 .00 .00	.00 .00 .00	10.50 .00 .00	9.50 .50 .00	10.00 10.00 5.50	.00 .00 .00	20.00 16.00 OV 29.250	ST OV	19.500 29.250	89.57 124.03 .00	.00 .00 .00	.00 .00 .00	1248.01 290.77 957.24	000281770	56.00 40.00 16.00	.00	.00
HRB 062 Low CH Employer PRD 990 Direct Deposit	177.40 957.24	HRD 052	L-Chld	75.87	HRD 300	Vis-Emp	1.30											
Roberto Chavez 115 Alum Park Pl Cedar Creek TX 78612 XXX-XX-0561 03	1130 Cncrte Fin M 2 1130 Cncrte Fin	.00 .00 .00	.00 .00 .00	11.00 .00 .00	9.00 1.00 10.50	.00 6.00 6.00	20.00 17.50 OV 32.250	ST OV	21.500 32.250	108.53 165.77 .00	.00 .00 .00	.00 .00 46.03	1424.38 320.33 1104.05	000281771	57.50 40.00 17.50	.00	.00	
HRB 060 Low EE Employer PRD 990 Direct Deposit	119.56 1,104.05	HRD 400	Life - Voluntar	5.65	PRD 605	Truck Deduction	40.38											
Margarito Ocampo Rodrigue 9701 Ochiltree Dr Austin TX 78753 XXX-XX-6037 00	1130 Cncrte Fin M 2 1130 Cncrte Fin	.00 .00 .00	.00 .00 .00	11.00 .00 .00	9.00 1.00 10.00	.00 6.00 6.00	20.00 17.00 OV 30.000	ST OV	20.000 30.000	98.40 141.34 .00	.00 .00 .00	.00 .00 23.76	1310.00 263.50 1046.50	000281772	57.00 40.00 17.00	.00	.00	
HRB 110 Base EE Employe PRD 990 Direct Deposit	115.55 1,046.50	HRD 100	B-Emp	22.46	HRD 300	Vis-Emp	1.30											
Francisco Rivera 5115 Delores Ave Austin TX 78721 XXX-XX-7250 02	1405 RlrSlf Pro M 2 1405 RlrSlf Pro	.00 .00 .00	.00 .00 .00	10.00 .00 .00	10.00 .00 8.00	.00 8.00 8.00	32.00 16.00 OV 24.000	ST OV	16.000 24.000	78.24 96.20 .00	.00 .00 .00	.00 .00 1.30	1024.00 175.74 848.26	000281762	56.00 40.00 16.00	.00	.00	
HRB 060 Low EE Employer	119.56	HRD 300	Vis-Emp	1.30														
Antonio G Hernandez 304 Hegewood Dr Georgetown TX 78628 XXX-XX-4783 01	1118 Carpenter M 2 1118 Carpenter	.00 .00 .00	.00 .00 .00	11.00 .00 .00	9.00 1.00 10.00	.00 6.00 6.00	20.00 17.00 OV 29.250	ST OV	19.500 29.250	90.59 114.05 .00	.00 .00 .00	.00 .00 93.09	1277.25 297.73 979.52	000281773	57.00 40.00 17.00	.00	.00	
HRB 061 Low SP Employer HRD 300 Vis-Emp	185.78 1.30	HRD 051 PRD 990	L-SP Direct Deposit	86.59 979.52	HRD 250	PPO-D-Emp	5.20											
Armando Jaime Leal 5411 Overbrook Drive Austin TX 78723 XXX-XX-2602 02	1342 Crn/Bckhoe M 2	.00 .00 .00	.00 .00 .00	.00 .00 .00	10.00 10.00 7.00	.00 7.00 7.00	17.00 OV 30.000	OV	30.000	99.44 119.45 .00	.00 .00 .00	.00 .00 10.09	1310.00 228.98 1081.02	000281641	57.00 40.00 17.00	.00	.00	

PAGE 3 OF \_\_\_\_\_ PAYROLL NO. \_\_\_\_\_

WEEK ENDING - 09/30/2018

Job 786 CR 119

WAGE DECISION NO.  
CONTRACT NUMBER

TX

HUTTO

CONTRACT START 12/15/2017

NAME ADDRESS ZIP CODE/ SOCIAL SEC#/ EXM	S E MIN WORK CLASS X CDE	HOURS WORKED THIS Job							TOT TY HOUR HR	HRD 303	Vis-Fam	THIS Job				THIS WEEK			
		9/ 24	9/ 25	9/ 26	9/ 27	9/ 28	9/ 29	9/ 30				TX TVL	NTX TVL	CHK DATE	FICA	FED W/T	SDI	TOT PAY	TOT DED
HRB 060 Low EE Employer PRD 990 Direct Deposit	119.56 1,081.02	HRD 202	10.00	10.00	10.00	10.00	10.00	10.00	6.05	HRD 303	4.04	.00	.00	.00	.00	.00	.00	1152.00	
Christopher Jorge Gamba 507 East St Thrall TX 76578 XXX-XX-8890 01	1369 Frnt EndLd M 7 1369 Frnt EndLd TX		.00	.00	.00	.00	.00	.00	32.00	ST 18.000	100518	87.81	141.30	.00	.00	.00	.00	233.20	56.00
HRB 060 Low EE Employer	119.56	HRD 200	10.00	10.00	10.00	10.00	10.00	10.00	2.79	HRD 300	1.30	.00	.00	.00	.00	.00	.00	780.00	48.00
Jose F Pina 315 Gano St Taylor TX 76574 XXX-XX-4754 03	Ldr/BH Opttr M 2 Ldr/BH Opttr TX		.00	.00	.00	.00	.00	.00	40.00	ST 15.000	100518	59.67	31.86	.00	.00	.00	.00	91.53	40.00

Job TOTALS - - - - - T O T A L H O U R S T H I S W E E K - - - - - TOT TY HRS HR

.00	50.00	126.00	114.00	18.00	.00	.00	308.00	ST
.00	.00	.00	6.00	112.50	87.50	.00	206.00	OV
.00	.00	.00	.00	.00	.00	.00	.00	OT

----- T O T A L D O L L A R S T H I S W E E K -----

TX TVL	NTX TVL	TX ADJ	NTX ADJ	BENEFITS	HOL PAY	SICK PAY	TOTAL PAY
.00	.00	.00	.00	80.76	.00	.00	12006.66

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

PAGE 1 OF \_\_\_ PAYROLL NO. \_\_\_ WEEK ENDING - 10/07/2018  
 Job 786 CR 119 HUTTO TX WAGE DECISION NO. CONTRACT NUMBER

CERTIFIED PAYROLL REPORT CONTRACT START 12/15/2017

NAME ADDRESS ZIP CODE/ SOCIAL SEC#/ EXM	S E MIN WORK CLASS X CDE	HOURS WORKED THIS Job							TX	TX TVL	CHK DATE	FICA W/T	SDI	UNION	TOT PAY	TOT DED	TOT ST
		10/01	10/02	10/03	10/04	10/05	10/06	10/07									
David Herrera 1302 Atterbury Lane Austin TX 78753 XXX-XX-5619 00	M 2	10.00	10.00	10.00	10.00	10.00	10.00	10.00	1390 MtrFineGrd	101218	124.29	.00	.00	.00	1767.30	1767.30	58.00
HRB 162 Bup Up CH Emplo HRD 400 Life - Voluntar	M 2	212.10	23.77						212.10	BU-Chld	118.89						
German Figueroa 200 Orchard Way Hutto TX 78634 XXX-XX-5153 00	M 2	.00	.00	.00	.00	.00	.00	.00	Supervisor M 2	101218	136.26	.00	.00	.00	1900.00	1900.00	40.00
HRB 162 Bup Up CH Emplo PRD 990 Direct Deposit	M 2	212.10	1,372.66						212.10	Truck Deduction	49.61						
David Serna 149 Royal Road Cedar Creek TX 78612 XXX-XX-3465 01	M 2	10.50	10.50	10.50	10.50	10.50	10.50	10.50	1124 Cnc Fn Pv M 2	101218	84.85	.00	.00	.00	1145.63	1145.63	52.50
HRB 160 Buy Up EE Emplo PRD 990 Direct Deposit	M 2	121.14	921.56						121.14	Vis-Emp	1.30						
Fidel Vences 15308 Hyson Crossing Pflugerville TX 78660 XXX-XX-8989 04	M 2	.00	.00	.00	.00	.00	.00	.00	Survey M 2	101218	117.58	.00	.00	.00	1546.46	1546.46	56.00
HRB 060 Low EE Employer HRD 400 Life - Voluntar	M 2	119.56	4.25						119.56	PPO-D-Emp	5.20						
Felipe M Flores 5509 North Imperial Dr Austin TX 78724 XXX-XX-0560 01	M 2	.00	.00	.00	.00	.00	.00	.00	Survey M 2	101218	88.12	.00	.00	.00	1152.00	1152.00	56.00
HRB 060 Low EE Employer	M 2	119.56							119.56	Direct Deposit	904.65						
Israel Quinones 16401 Hamilton Point Circl Manor TX 78653 XXX-XX-9603 01	M 2	10.50	10.50	10.50	10.50	10.50	10.50	10.50	1172 Labor Com M 2	101218	112.69	.00	.00	.00	1520.00	1520.00	64.00







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

DATE 10/01/2019 PRF494  
 TIME 14:11 PAGE 1

WEEK ENDING - 02/24/2019

CERTIFIED PAYROLL REPORT

PAGE 1 OF \_\_\_ PAYROLL NO. \_\_\_

WAGE DECISION NO.  
 CONTRACT NUMBER

Job 786 CR 119

NAME	ADDRESS	ZIP CODE/ SOCIAL SEC#/ EXM	TX	HUTIO	HOURS WORKED THIS Job							TOT TY	PAY RATE	THIS WEEK								
					2/ 18	2/ 19	2/ 20	2/ 21	2/ 22	2/ 23	2/ 24			TX TWL	CHK DATE	FICA	FED W/T	SDI	TOT PAY			
S	E MIN	X CDE	MON	TUE	WED	THU	FRI	SAT	SUN	HR	HRD	HRD	BU-Chld	BU-Chld	UNION	OTHER	SUT W/T	NET PAY	TOT DED	TOT ST	TOT OV	TOT OT
David Herrera	1302 Atterbury Lane	78753 XXX-XX-5619 00	TX		3.50	10.50	10.00	6.00	.00	40.00	ST 25.000				030119	95.60	.00	1392.30		48.00		
Austin					.00	.00	.00	.00	.00						71.00	179.22	.00	417.48		40.00		
78753					.00	.00	.00	.00	.00						1071.00	.00	142.66	974.82		8.00		
					.00	.00	.00	.00	.00						1071.00	.00	000288635		.00			
HRB 162	Bup Up CH Emplo	212.10			HRB 650	Truck Allow-Fld	92.30			HRD 152	HRD	152	BU-Chld	BU-Chld	118.89							
HRD 400	Life - Voluntar	23.77			PRD 990	Direct Deposit	974.82															
Marcelino Soto	1306 Bulldozer M 2				3.50	10.50	10.00	6.00	.00	40.00	ST 20.000				030119	67.59	.00	920.00		44.00		
P O Box 281	1306 Bulldozer				.00	.00	.00	.00	.00	4.00	OV 30.000				.00	71.33	.00	175.33		40.00		
Manchaca					.00	.00	.00	.00	.00						.00	.00	36.41	744.67		4.00		
78652	XXX-XX-3798 00				.00	.00	.00	.00	.00						920.00	.00	000288714		.00			
HRB 160	Buy Up EE Emplo	121.14			HRD 150	Bu-Emp	35.11			HRD 300	HRD	300	Vis-Emp	Vis-Emp	1.30							
Felipe M Flores	Survey M 2				.00	.00	.00	.00	.00	10.00	ST 18.000				030119	77.80	.00	1017.00		51.00		
5509 North Imperial Dr	Survey				.00	.00	.00	.00	.00	10.00	OV 27.000				.00	77.64	.00	155.44		40.00		
Austin					.00	.00	.00	.00	.00						.00	.00	861.56		11.00			
78724	XXX-XX-0560 01				.00	.00	.00	.00	.00						450.00	.00	000288724		.00			
HRB 060	Low EE Employer	119.56			PRD 990	Direct Deposit	861.56															
Emeterio Cervantes	1342 Crn/Bckhoe M 2				3.50	10.50	10.00	6.00	.00	40.00	ST 20.000				030119	70.38	.00	920.00		44.00		
290 Cool Water Dr	1342 Crn/Bckhoe				.00	.00	.00	.00	.00	4.00	OV 30.000				.00	28.90	.00	99.28		40.00		
Bastrop					.00	.00	.00	.00	.00						.00	.00	820.72		4.00			
78602	XXX-XX-3419 05				.00	.00	.00	.00	.00						920.00	.00	000288588		.00			
HRB 060	Low EE Employer	119.56			PRD 990	Direct Deposit	820.72															
Marco A Granados	1369 Frnt Endld M 2				3.50	10.50	10.00	6.00	.00	40.00	ST 19.000				030119	80.72	.00	1102.00		52.00		
1403 Waterfall Ave	1369 Frnt Endld				.00	.00	.00	.00	.00	4.00	OV 28.500				.00	85.03	.00	212.56		40.00		
Leander					.00	.00	.00	.00	.00						.00	.00	46.81	889.44		12.00		
78641	XXX-XX-3191 03				.00	.00	.00	.00	.00						874.00	.00	000288590		.00			
HRB 160	Buy Up EE Emplo	121.14			HRD 150	Bu-Emp	35.11			HRD 250	HRD	250	PPO-D-Emp	PPO-D-Emp	5.20							
HRD 301	Vis-Sp	2.58			HRD 400	Life - Voluntar	3.92			PRD 895	PRD	895	Savings Deposit	Savings Deposit	45.00							
PRD 990	Direct Deposit	844.44																				
Francisco Rivera	1405 Rlrslf PRO M 2				3.50	10.50	10.00	6.00	.00	40.00	ST 16.000				030119	63.55	.00	832.00		48.00		
5115 Delores Ave					.00	.00	.00	.00	.00						.00	67.79	.00	132.64		40.00		
Austin					.00	.00	.00	.00	.00						.00	.00	1.30	699.36		8.00		
78721	XXX-XX-7250 02				.00	.00	.00	.00	.00						640.00	.00	000288638		.00			

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 2

PAGE 2 OF \_\_\_\_\_ PAYROLL NO. \_\_\_\_\_ WEEK ENDING - 02/24/2019

Job 786 CR 119 HUTTO TX WAGE DECISION NO.  
 CONTRACT NUMBER

CERTIFIED PAYROLL REPORT CONTRACT START 12/15/2017

NAME ADDRESS ZIP CODE/ SOCIAL SECH/ EXM	S E MIN WORK CLASS X CDE	HOURS WORKED THIS Job							TOT TY HOUR HR	PAY RATE	TX TVL NTX TVL	CHK DATE BENEFITS SCK PAY TOT PAY	FICA FED W/T ST W/T LOC W/T	THIS WEEK			TOT HRS TOT ST TOT OV TOT OT		
		2/ 18	2/ 19	2/ 20	2/ 21	2/ 22	2/ 23	2/ 24						SDI	UNION	OTHER		TOT PAY	TOT DED
HRB 060 Low EE Employer	119.56	HRD	300	Vis-Emp	1.30														
Jesus Delgado 12609 Dessau Rd Austin TX 78754 XXX-XX-9851 02	1172 Labor Com M 2 1172 Labor Com	10.00 .00 .00 .00	.00 .00 .00 .00	.00 .00 .00 .00	.00 .00 .00 .00	.00 .00 .00 .00	.00 .00 .00 .00	10.00 10.00 10.00 10.00	ST 16.000 OV 24.000	904.00 145.75 758.25 000288639	.00 .00 .00 .00	.00 .00 .00 .00	.00 .00 .00 .00	.00 .00 .00 .00	.00 .00 .00 .00	.00 .00 .00 .00	51.00 40.00 11.00 .00		
HRB 060 Low EE Employer	119.56	PRD	990	Direct Deposit	758.25														
Christopher Jorge Gamba 507 East St Thrall TX 76578 XXX-XX-8890 01	1369 Frnt Endld M 7	10.00 .00 .00 .00	3.50 .00 .00 .00	10.50 .00 .00 .00	10.00 .00 .00 .00	6.00 .00 .00 .00	.00 .00 .00 .00	40.00 ST 18.000		720.00 40.00 122.57 597.43 000288593	.00 .00 .00 .00	.00 .00 4.09 .00	.00 .00 .00 .00	.00 .00 .00 .00	.00 .00 .00 .00	40.00 40.00 .00 .00			
HRB 060 Low EE Employer	119.56	HRD	200	DHMO-D-Emp	2.79														
Ranferi Ramos Jaimes 9345 Hwy 290 Austin TX 78724 XXX-XX-6493 02	1390 MtrFineGrd M 2	10.50 .00 .00 .00	3.50 .00 .00 .00	10.50 .00 .00 .00	10.00 .00 .00 .00	.00 .00 .00 .00	.00 .00 .00 .00	34.50 ST 19.500		672.75 34.50 100.30 572.45 000288735	.00 .00 .00 .00	.00 .00 .00 .00	.00 .00 .00 .00	.00 .00 .00 .00	.00 .00 .00 .00	34.50 34.50 .00 .00			
PRD 990 Direct Deposit	572.45																		
Jose F Pina 315 Gano St Taylor TX 76574 XXX-XX-4754 03	Ldr/BH Opttr M 2	10.00 .00 .00 .00	3.50 .00 .00 .00	10.50 .00 .00 .00	10.00 .00 .00 .00	6.00 .00 .00 .00	.00 .00 .00 .00	40.00 ST 17.000		884.00 48.84 109.92 774.08 000288641	.00 .00 .00 .00	.00 .00 .00 .00	.00 .00 .00 .00	.00 .00 .00 .00	.00 .00 .00 .00	48.00 40.00 8.00 .00			
PRD 990 Direct Deposit	774.08																		

Job	TOTAL HOURS THIS WEEK	TOT TY HRS HR	TOTAL TX TVL	TOTAL NTX TVL	TOTAL PAY	TOTAL SICK PAY	TOTAL OT	MINORITY CODES
100.50	28.00	84.00	42.00	.00	334.50	ST		
.00	.00	32.00	.00	.00	32.00	OV		
.00	.00	.00	.00	.00	.00	OT		
TOTAL					7347.75			
1-African America	2-Hispanic	3-American Indian	4-Asian American	5-Other	6-Native Hawaiian/	7-Caucasian		

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

DATE 10/01/2019 PRP494  
 TX HUTTO

TIME 14:11 PAGE 1

WEEK ENDING - 03/03/2019

CERTIFIED PAYROLL REPORT

PAGE 1 OF \_\_\_\_\_ PAYROLL NO. \_\_\_\_\_

WAGE DECISION NO.  
 CONTRACT NUMBER

Job 786 CR 119

NAME	ADDRESS	ZIP CODE/	SOCIAL SECH/	EXM	WORK CLASS	X	CDE	HOURS WORKED THIS Job							THIS Job		THIS WEEK								
								2/	2/	2/	2/	2/	2/	3/	3/	3/	3/	3/	3/	TX TVL	CHK DATE	FICA	SDI	UNION	TOT PAY
S	E	MIN	MON	TUE	WED	THU	FRI	SAT	SUN	TOT	TY	PAY	TX ADJ	NTX ADJ	BENEFITS	FED W/T	ST W/T	LOC W/T	SUT W/T	OTHER	NET PAY	CHECK #	TOT OV	TOT OT	
David Herrera	1390 MtrFineGrd M 2				.00	.00	10.00	8.00	.00	18.00	OV	37.500	.00	.00	030819	125.72	.00	.00	.00	.00	.00	1786.05		58.50	
1302 Atterbury Lane					.00	.00							.00	.00	36.79	265.85	.00	.00	.00	.00	534.23		40.00		
Austin TX					.00	.00							.00	.00	.00	.00	.00	.00	.00	.00	142.66	1251.82	18.50		
78753 XXX-XX-5619 00					.00	.00							.00	.00	711.79	.00	.00	.00	.00	.00	000288952		.00		
HRB 162 Bup Up CH Emplo	212.10				HRB 650		Truck Allow-Fld		92.30	HRD 152		HRD 152			BU-Chld	118.89									
HRD 400 Life - Voluntar	23.77				PRD 990		Direct Deposit		1,251.82																
Marcelino Soto	1306 Bulldozer M 2				10.00	10.00	10.00	2.00	.00	40.00	ST	20.000	.00	.00	030819	95.13	.00	.00	.00	.00	1280.00		56.00		
P O Box 281	1306 Bulldozer				.00	.00	.00	8.00	.00	16.00	OV	30.000	.00	.00	.00	114.53	.00	.00	.00	.00	246.07		40.00		
Manchaca TX					.00	.00							.00	.00	.00	.00	.00	.00	.00	.00	36.41	1033.93	16.00		
78652 XXX-XX-3798 00					.00	.00							.00	.00	1280.00	.00	.00	.00	.00	.00	000289031		.00		
HRB 160 Buy Up EE Emplo	121.14				HRD 150		Bu-Emp		35.11	HRD 300		HRD 300			Vis-Emp	1.30									
Emeterio Cervantes	1342 Crn/Bckhoe M 2				10.00	11.00	10.00	9.00	.00	40.00	ST	20.000	.00	.00	030819	63.50	.00	.00	.00	.00	830.00		41.00		
290 Cool Water Dr	1342 Crn/Bckhoe				.00	.00	.00	1.00	.00	1.00	OV	30.000	.00	.00	.00	19.90	.00	.00	.00	.00	83.40		40.00		
Bastrop TX					.00	.00							.00	.00	.00	.00	.00	.00	.00	.00	746.60		1.00		
78602 XXX-XX-3419 05					.00	.00							.00	.00	830.00	.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	.00	.00	.00	1287.25		58.50		
1403 Waterfall Ave					.00	.00							.00	.00	.00	123.87	.00	.00	.00	.00	265.58		40.00		
Leander TX					.00	.00							.00	.00	.00	.00	.00	.00	.00	.00	46.81	1021.67	18.50		
78641 XXX-XX-3191 03					.00	.00							.00	.00	513.00	.00	.00	.00	.00	.00	000288906		.00		
HRB 160 Buy Up EE Emplo	121.14				HRD 150		Bu-Emp		35.11	HRD 250		HRD 250			PFO-D-Emp	5.20									
HRD 301 Vis-Sp	2.58				HRD 400		Life - Voluntar		3.92	PRD 895		PRD 895			Savings Deposit	45.00									
PRD 990 Direct Deposit	976.67				.00	.00	.00	10.00	8.00	.00	18.00	OV	24.000	.00	030819	82.83	.00	.00	.00	.00	1084.00		58.50		
Francisco Rivera	1405 RlrSif Pro M 2				.00	.00	.00	10.00	8.00	.00	18.00	OV	24.000	.00	.00	106.94	.00	.00	.00	.00	191.07		40.00		
5115 Delores Ave					.00	.00							.00	.00	.00	1.30	.00	.00	.00	.00	892.93		18.50		
Austin TX					.00	.00							.00	.00	432.00	.00	.00	.00	.00	.00	000288955		.00		
78721 XXX-XX-7250 02					.00	.00							.00	.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	.00	.00	.00	1062.50		55.00		
12609 Dessau Rd					.00	.00							.00	.00	.00	102.50	.00	.00	.00	.00	183.79		40.00		
Austin TX					.00	.00							.00	.00	.00	.00	.00	.00	.00	.00	878.71		15.00		
78754 XXX-XX-9851 02					.00	.00							.00	.00	255.00	.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](mailto:cweber@hntb.com)  
**HNTB CORPORATION**  
CELEBRATING 25<sup>TH</sup> OFFICE ANNIVERSARY IN AUSTIN  
AND MORE THAN 100 YEARS IN THE REGION  
101 E. Old Settlers Blvd, Ste 100 | Round Rock, Texas 78664 | [hntb.com](http://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.

- 994-6045 • **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](mailto:erchurch@hntb.com)

**HNTB CORPORATION**  
101 E. Old Settlers Blvd., Ste. 100 | Round Rock, TX 78664 | [hntb.com](http://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
<u>666 6030</u>	REFL PAV MRK TY I (W) 8" (DOT)(100 MIL)	LF	300.000	1.490	447.00
<u>666 6176</u>	REF PAV MRK TY II (W) 8" (DOT)	LF	300.000	0.300	90.00
				TOTAL BID	<u>\$ 537.00</u>

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@dijconstruction.com

999-WC04

<b>JOE BLAND CONSTRUCTION, L.P</b>	
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
<b>Equipment Total</b>						<b>\$ 520.44</b>

**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
<b>Labor Total</b>						<b>\$ 1,440.00</b>

**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
<b>Material Total</b>				<b>\$ 2,573.75</b>

**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 Construct

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

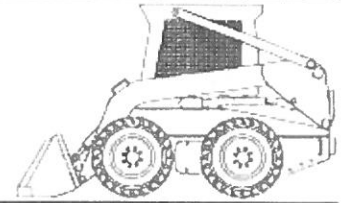
Remit Payment To: Texas Materials Group, Inc.  
1320 Arrow Point Dr  
Suite 307  
Cedar Park, TX 78613

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 Hourly USD \$17.85	FHWA Rate** Hourly USD \$34.21
	Monthly	Weekly	Daily	Hourly		
Published Rates	USD \$2,880.00	USD \$805.00	USD \$200.00	USD \$30.00		
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%)						
<b>Total:</b>	<b>USD \$2,560.32</b>	<b>USD \$715.65</b>	<b>USD \$177.80</b>	<b>USD \$26.67</b>	<b>USD \$17.85</b>	<b>USD \$32.40</b>

**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.

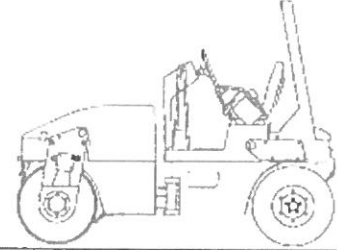
 The equipment represented in this report has been exclusively prepared for STEVE PACK  
 (stevepack@joeblandconstruction.com)

**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	<b>42.0 in</b>	Net Horsepower	<b>29.0 hp</b>
Power Mode	<b>Diesel</b>		

**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 Hourly USD \$15.26	FHWA Rate** Hourly USD \$25.23
	Monthly	Weekly	Daily	Hourly		
Published Rates	USD \$1,755.00	USD \$490.00	USD \$125.00	USD \$19.00		
<b>Adjustments</b>						
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%)						
<b>Total:</b>	<b>USD \$1,568.97</b>	<b>USD \$438.06</b>	<b>USD \$111.75</b>	<b>USD \$16.99</b>	<b>USD \$15.26</b>	<b>USD \$24.17</b>

**Non-Active Use Rates**

	<b>Hourly</b>
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 1250<sup>00</sup>

999-WC09 2800<sup>00</sup>

---

**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](mailto:sshull@hntb.com)

**HNTB CORPORATION**

101 E. Old Settlers Blvd | Round Rock, Texas 78664 | [hntb.com](http://hntb.com)

 **100+ YEARS OF INFRASTRUCTURE SOLUTIONS**



**From:** Andrew Batten [mailto:[abatten@joeblandconstruction.com](mailto:abatten@joeblandconstruction.com)]

**Sent:** Wednesday, August 29, 2018 11:35 AM

**To:** Steven Shull <[sshull@HNTB.com](mailto:sshull@HNTB.com)>

**Cc:** German Figueroa <[gfigueroa@joeblandconstruction.com](mailto:gfigueroa@joeblandconstruction.com)>; Clayton Weber <[cweber@HNTB.com](mailto:cweber@HNTB.com)>; 62811\_1708-186\_CR119 <[34275\\_RB\\_CR119@HNTB.com](mailto:34275_RB_CR119@HNTB.com)>; Dawn Haggard <[dhaggard@HNTB.com](mailto:dhaggard@HNTB.com)>; James Klotz <[jklotz@HNTB.com](mailto: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



QTY	DESCRIPTION	UNIT	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
0	Alternate Item - Design request QSOA		0.00	0.00	0.00	0.00	0.00	0.00
100	REFL PAY MARK 1X C (W/12 SLD) (D AIR)	EA	7.00	700.00	0.00	0.00	0.00	0.00
100	REFL PAY MARK 1X H (W/12 SLD)	EA	1.00	100.00	0.00	0.00	0.00	0.00
100	Strip Bar Mobilization	EA	1250.00	125000.00	0.00	0.00	0.00	0.00
				<b>125000.00</b>		<b>0.00</b>		<b>0.00</b>

999-WC10

County: Willamson      Project: CR 119      Owner: Willamson Co      Highway: CR 119

Description of Work: Metal Beam Guard Fence Cost Breakdown for Low Fill Steel Post in Lieu of Timber Post  
 Date: 12/11/15

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	
					OMAR 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	
				Sub-Total	\$	267.37			Sub-Total	\$	353.50
				15%	\$	40.10			55%	\$	194.43
				25%	\$	68.36			25%	\$	88.36
				<b>TOTAL EQUIPMENT</b>	\$	<b>307.47</b>			<b>TOTAL LABOR</b>	\$	<b>636.30</b>

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

Subcontract					
	Quantity	UOM	Rate	Amount	
				\$ -	
				Sub-Total	\$ -
				5%	\$ -
				<b>Total Subcontract</b>	\$ -

Approved: \_\_\_\_\_ Date: \_\_\_\_\_  
 \_\_\_\_\_ Date: \_\_\_\_\_

Summary	
Labor	\$ 636.30
Equipment	\$ 307.47
Material	\$ 1,794.38
Subcontract	\$ -
<b>Total This Sheet</b>	<b>\$ 2,738.14</b>

2738.14  
 1.05  
 -----  
 2739.19

# TEXAS CORRUGATORS, INC

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 63" 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
<b>GENERAL</b>	
1	TITLE SHEET
2	INDEX OF SHEETS
3	PROJECT LAYOUT AND CONTROL POINTS
4 - 9	TYPICAL SECTIONS
10 - 17D	GENERAL NOTES

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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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**TRAFFIC**

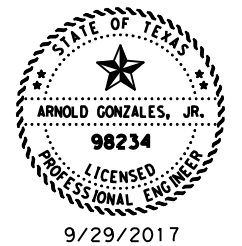
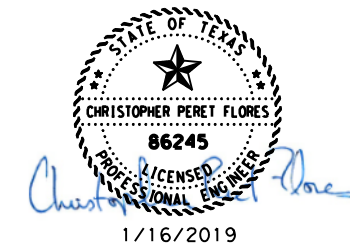
234 - 248	SIGNING AND PAVEMENT MARKING LAYOUT
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250	** DELINEATOR & OBJECT MARKER - TxDOT D&OM(2)-15
251	** DELINEATOR & OBJECT MARKER - TxDOT D&OM(3)-15B
252	** DELINEATOR & OBJECT MARKER - TxDOT D&OM(4)-15
253	** DELINEATOR & OBJECT MARKER - TxDOT D&OM(5)-15
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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
263	** SIGN MOUNTING DETAILS - TxDOT SMD(TWT)-08
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<b>CROSS SECTIONS</b>	
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320 - 326	CROSS SECTIONS - CR 118
<b>PROPOSED TRAFFIC SIGNAL PLANS</b>	
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

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

**CR 119**

1905 Aldrich Street Suite 300  
AUSTIN, TX 78723  
Tel. (512) 328-0011 Fax (512) 328-0325  
TBPPE Registration Number F-6324  
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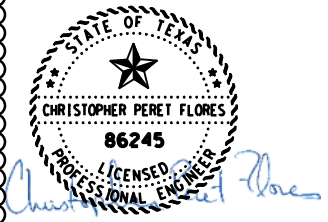
<b>INDEX OF SHEETS</b>									
SHEET 01 OF 01									
FED. RD. DIV. NO.	STATE	PROJECT NO.	HIGHWAY NO.	STATE DIST. NO.	COUNTY	CONTROL NO.	SECTION NO.	JOB NO.	SHEET NO.
6	TEXAS		CR119	14	WILLIAMSON				02

ROADWAY QUANTITY SUMMARY

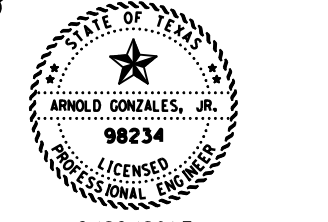
SHEET NO.	STA TO STA	100	6002	105	6030	110	6001	110	6002	132	6005	247	6044	260	6002	260	6073	310	6001	316	6413	316	6193	341	6008	341	6042	354	6051
		PREPARING ROW		REMOVING STAB BASE & ASPH PAV (8"-14")		EXCAVATION (ROADWAY)		EXCAVATION (CHANNEL)		EMBANKMENT (FINAL) (ORD COMP) (TY C)		FL BS (CMP IN PLC) (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		TON		SY		GAL		GAL		CY		TON		TON		TON		TON	
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

NO.	CHANDLER INTERSECTION	CF	01/15/19
	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) (100MIL)	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	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	
1 OF 15	BEGIN TO 10+00																															
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																			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																			2,000	
11 OF 15	100+00 TO 110+00	2				3						4						100		35			1		1		210				2,100	
12 OF 15	110+00 TO 120+00					1						1																			2,000	
13 OF 15	120+00 TO 130+00											4		6																	2,000	
14 OF 15	130+00 TO END	1	2	1																	20										1,175	
15 OF 15	LIMBER LOOP/CR119																	115													182	
1 OF 3	CHANDLER RD/CR119																															187
2 OF 3	CHANDLER RD/CR119																															915
3 OF 3	CHANDLER RD/CR119																															970
	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	LIMBER LOOP/CR119																				
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										

STATE OF TEXAS  
 CHRISTOPHER PERET FLORES  
 86245  
 LICENSED PROFESSIONAL ENGINEER  
 1/16/2019  
 RESPONSIBLE FOR REV 1 ONLY


STATE OF TEXAS  
 ARNOLD GONZALES, JR.  
 98234  
 LICENSED PROFESSIONAL ENGINEER  
 9/29/2017

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

**CR 119**



**WILLIAMSON COUNTY**  
1848



**Stantec**  
1905 Aldrich Street Suite 300  
AUSTIN, TX 78723  
Tel. (512) 328-0011 Fax (512) 328-0325  
TBPPE Registration Number F-6324  
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**ESTIMATE OF QUANTITIES**  
**PAVEMENT MARKING SUMMARY**

SHEET 01 OF 01

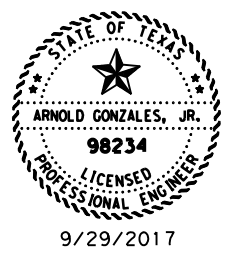
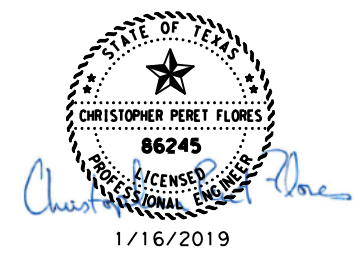
FED. DIV. RD.	STATE	PROJECT NO.	HIGHWAY NO.	STATE DIST. NO.	COUNTY	CONTROL NO.	SECTION NO.	JOB NO.	SHEET NO.
6	TEXAS		CR119	14	WILLIAMSON				25

SUMMARY OF SMALL SIGNS		SM RD SGN ASSM TY XXXXX (X) XX (X-XXXX)								
SHEET NO.	SIGN NO.	SIGN NOMENCLATURE	SIGN TEXT	DIMENSIONS	ALUMINUM TYPE A	ALUMINUM TYPE G	Post Type FRP = Fiberglass TWT = Thin-Wall 10BWG = 10 BWG S80 = Sch 80	Posts (1 or 2)	Anchor Type UA=Univer-Conc UB=Univer-Bolt SA=SLIP-Conc SB=SLIP-Bolt WS=Wedge Steel WP=Wedge Plastic	Mounting Designation P = Prefab. T = Plain U = Prefab, "U" EXT or 2EXT = # of Ext. BM = Extruded Wind Beam MC = 1, 1/2 #/ft Wing Chan. EMAL = Extruded Aluminum
2 of 15	1	D3-1G	LIMMER LOOP	12" x 55"	X		10BWG	1	SA	P
2 of 15	2	R1-1	STOP	36" x 36"	X					
2 of 15	3	W4-4p	CROSS TRAFFIC DOES NOT STOP	24" x 12"	X					
2 of 15	4	R2-1	SPEED LIMIT 45	30" x 36"	X		TWT	1	WS	P
2 of 15	5	R3-8D	LANE CONTROL	48" x 30"	X		TWT	1	WS	T
11 of 15	6	R2-1	SPEED LIMIT 45	30" x 36"	X		TWT	1	WS	P
11 of 15	7	D3-1G	CR119	12" x 36"	X					
11 of 15	8	R1-1	STOP	30" x 30"	X		10BWG	1	SA	P
11 of 15	9	W4-4p	CROSS TRAFFIC DOES NOT STOP	24" x 12"	X					
11 of 15	10	D3-1G	CR119	12" x 36"	X					
11 of 15	11	R1-1	STOP	30" x 30"	X		10BWG	1	SA	P
11 of 15	12	W4-4p	CROSS TRAFFIC DOES NOT STOP	24" x 12"	X					
12 of 15	13	R2-1	SPEED LIMIT 45	30" x 36"	X		TWT	1	WS	P
14 of 15	14	R2-1	SPEED LIMIT 45	30" x 36"	X		TWT	1	WS	P
14 of 15	15	D3-1G	CHANDLER ROAD	12" x 69"	X					
14 of 15	16	R1-1	STOP	36" x 36"	X		10 BWG	1	SA	P
14 of 15	17	D1-1	CR 119	18" x 66"	X		10 BWG	1	SA	T
14 of 15	18	D1-1	CR 119	18" x 66"	X		10 BWG	1	SA	T
15 of 15	19	R3-7L	LEFT LANE MUST TURN LEFT	30" x 30"	X		TWT	1	WS	P
15 of 15	20	R3-8Lk	LANE CONFIGURATION	30" x 30"	X		TWT	1	WS	P
1 of 3	21	D3-2	CR 119 NEXT INTERSECTION	78" x 30"	X		10 BWG	1	SA	T
3 of 3	22	D3-2	CR 119 NEXT INTERSECTION	78" x 30"	X		10 BWG	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.

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.



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

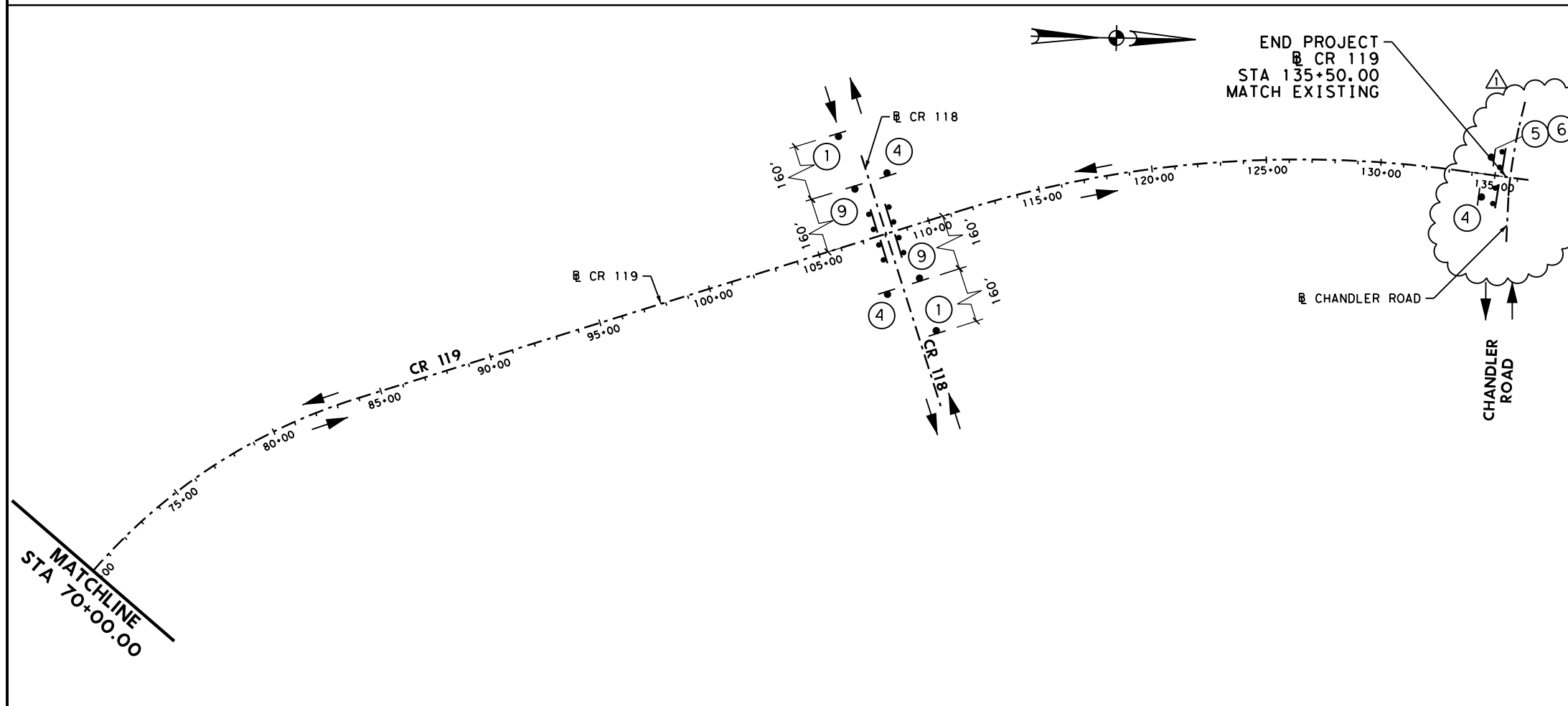
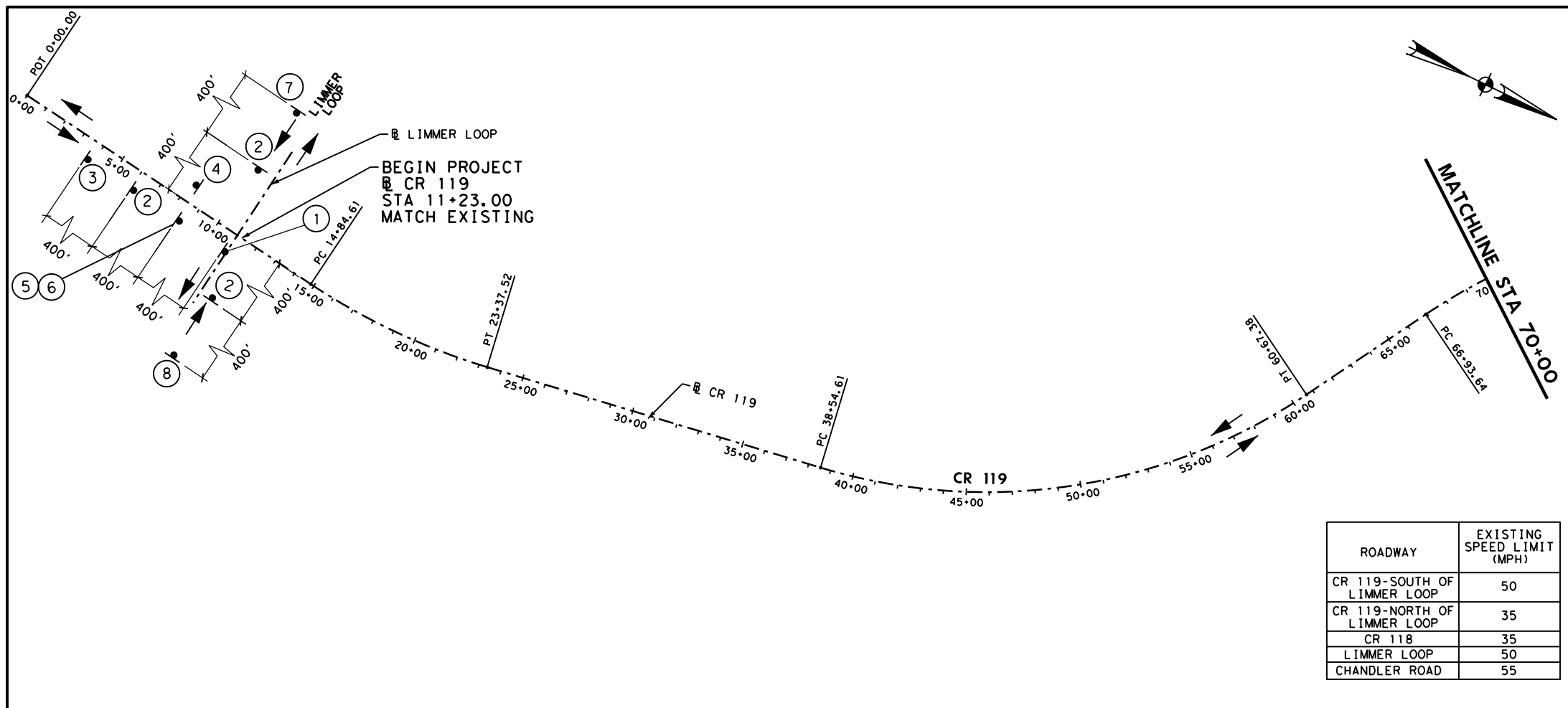
### CR 119

1905 Aldrich Street Suite 300  
AUSTIN, TX 78723  
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## ESTIMATE OF QUANTITIES SMALL SIGN SUMMARY

SHEET 01 OF 01

FED. 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 R20-5  
BIKES AND POWERS ARE PRESENT 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  
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 G20-1a

NOTE: ALL ADVANCE WARNING SIGNS SHALL CONFORM WITH THE LATEST TxDOT BARRICADE AND CONSTRUCTION STANDARDS.

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1/16/2019

9/29/2017

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

## CR 119

WILLIAMSON COUNTY  
1848

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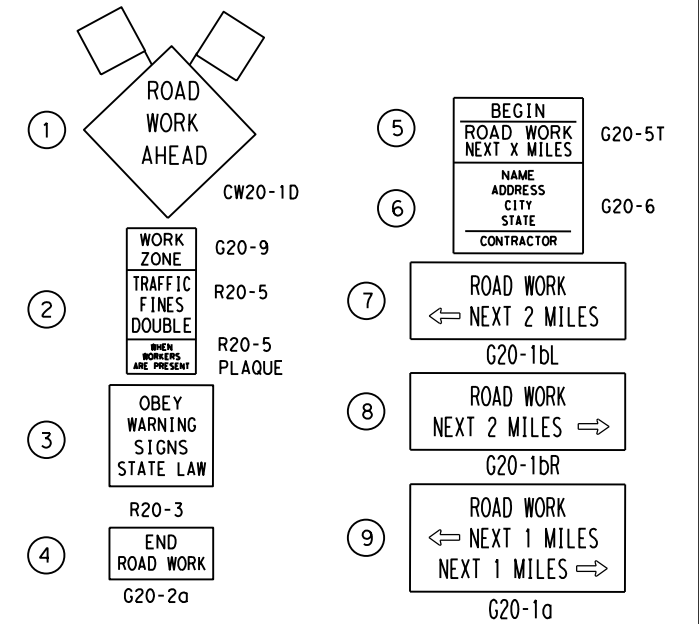
### TRAFFIC CONTROL ADVANCE WARNING SIGNS

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				27



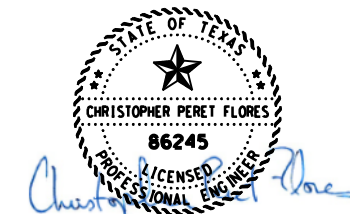
**LEGEND**

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



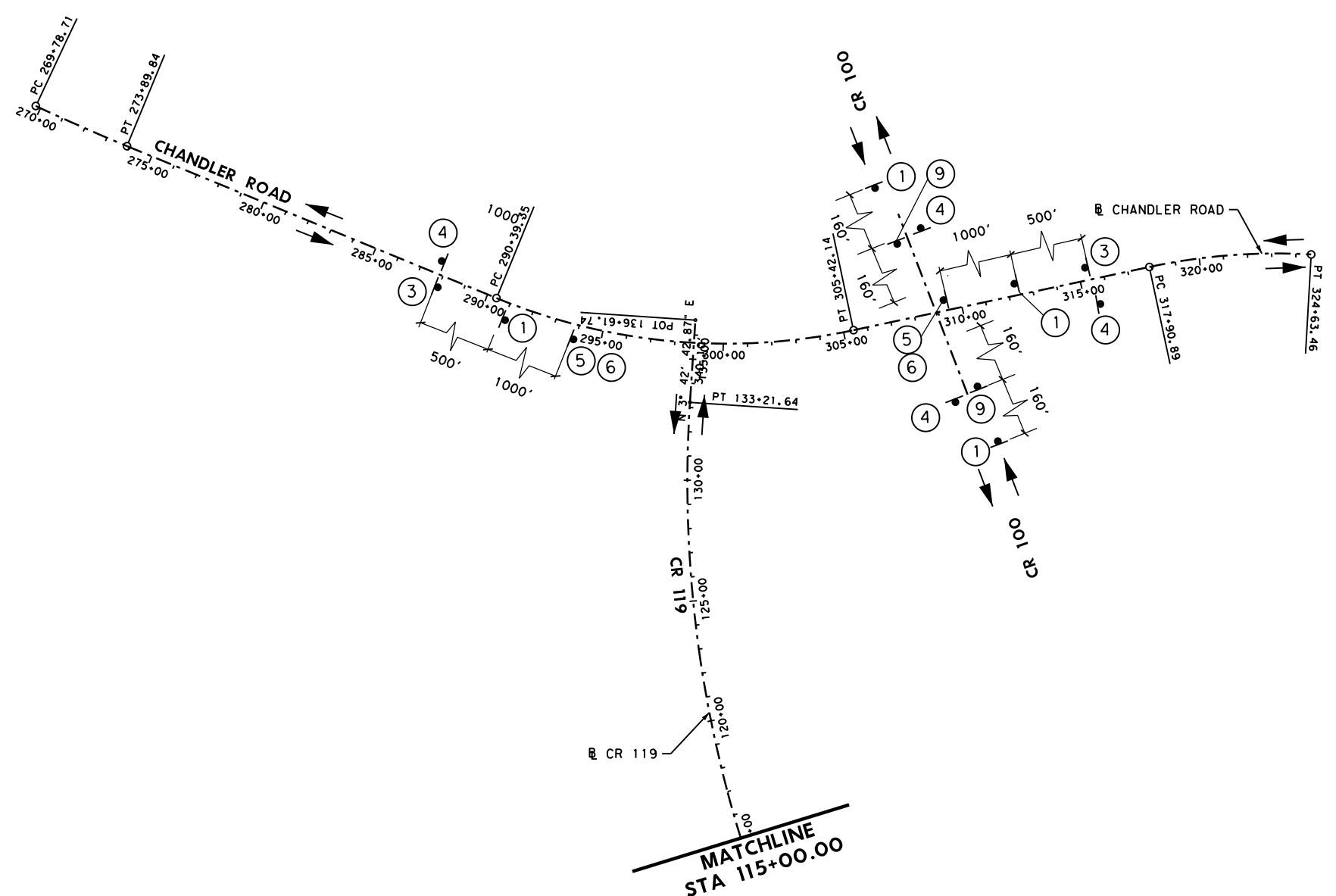
NOTE:  
 1. ALL ADVANCE WARNING SIGNS SHALL CONFORM WITH THE LATEST TxDOT BARRICADE AND CONSTRUCTION STANDARDS.  
 2. REFER TO TCP(1-2)-12 FOR ONE LANE TWO-WAY CONTROL WITH FLAGGERS.

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1/16/2019  
 0 150 300 600

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**

**WILLIAMSON COUNTY**  
1848

**Stantec**  
1905 Aldrich Street Suite 300  
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**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.

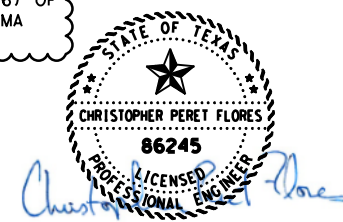
STEP 3

- 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:

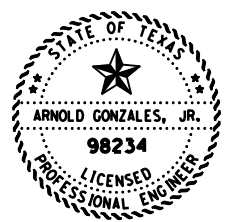
- 1. SOUTH OF LIMMER LOOP INTERSECTION, SHIFT NORTHBOUND AND SOUTHBOUND CR 119 TRAFFIC ONTO PREVIOUSLY CONSTRUCTED PROPOSED CR 119 PAVEMENT.
- 2. CONSTRUCT PROPOSED CR 119 IMPROVEMENTS. CONSTRUCT DRIVEWAYS, DRAINAGE CULVERTS AND FEATURES, FENCE, OBLITERATE EXISTING ROADWAY, ETC. AS SHOWN ON PHASE 2 TCP.
- 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.

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.



1/16/2019

RESPONSIBLE FOR REV 1 ONLY



9/29/2017

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

CR 119									
<p><b>WILLIAMSON COUNTY</b> 1848</p>	<p><b>Stantec</b> 1905 Aldrich Street Suite 300 AUSTIN, TX 78723 Tel. (512) 328-0011 Fax (512) 328-0325 TBPPE Registration Number F-6324 Copyright © 2018</p>								
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

## 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

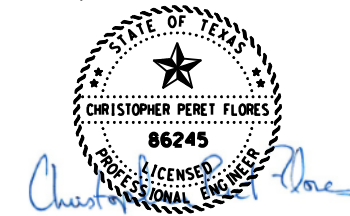
Beginning chain DRWY1 description

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

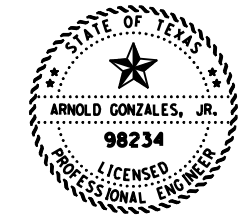
Course from DRWY105 to DRWY110 S 71° 36' 15.52" E Dist 78.7277

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

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

### CR 119

1905 Aldrich Street Suite 300  
AUSTIN, TX 78723  
Tel. (512) 328-0011 Fax (512) 328-0325  
TBPE Registration Number F-6324  
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### ROADWAY

### HORIZONTAL ALIGNMENT DATA

SHEET 01 OF 04

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				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.                =    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**

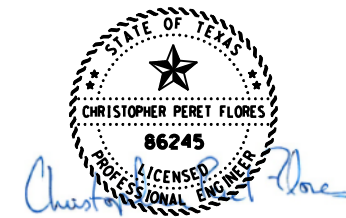
\* 2 DESCRIBE CHAIN DRWY12

Chain DRWY12 contains:  
DRWY1205 DRWY1210

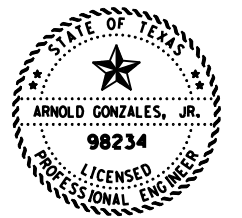
Beginning chain DRWY12 description

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

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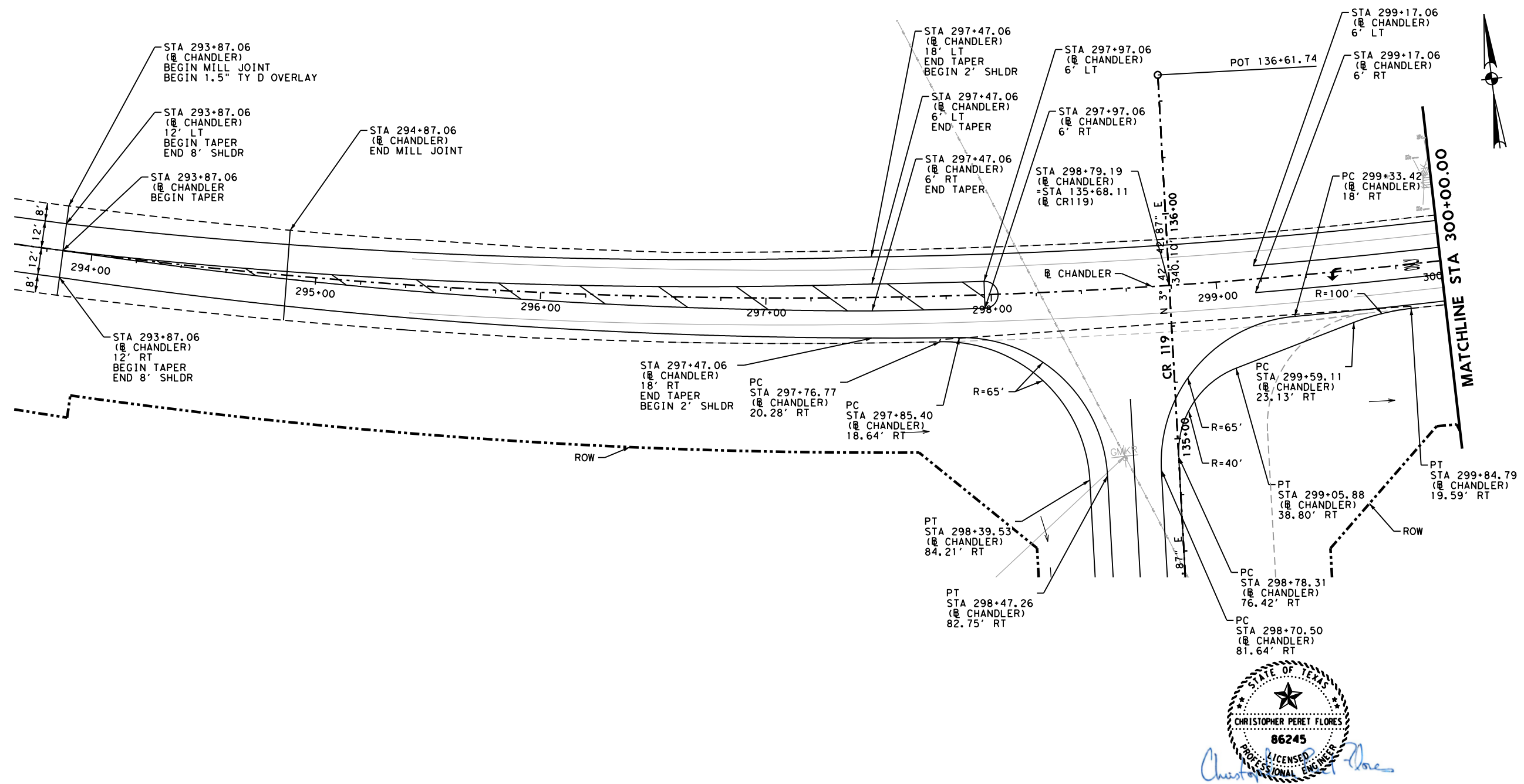


**ROADWAY**

**HORIZONTAL ALIGNMENT DATA**

SHEET 02 OF 04

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				74



STATE OF TEXAS  
 CHRISTOPHER PERET FLORES  
 86245  
 LICENSED PROFESSIONAL ENGINEER  
*Christopher Peret Flores*

1/16/2019  
 0 25 50

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

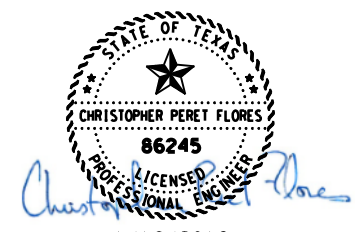
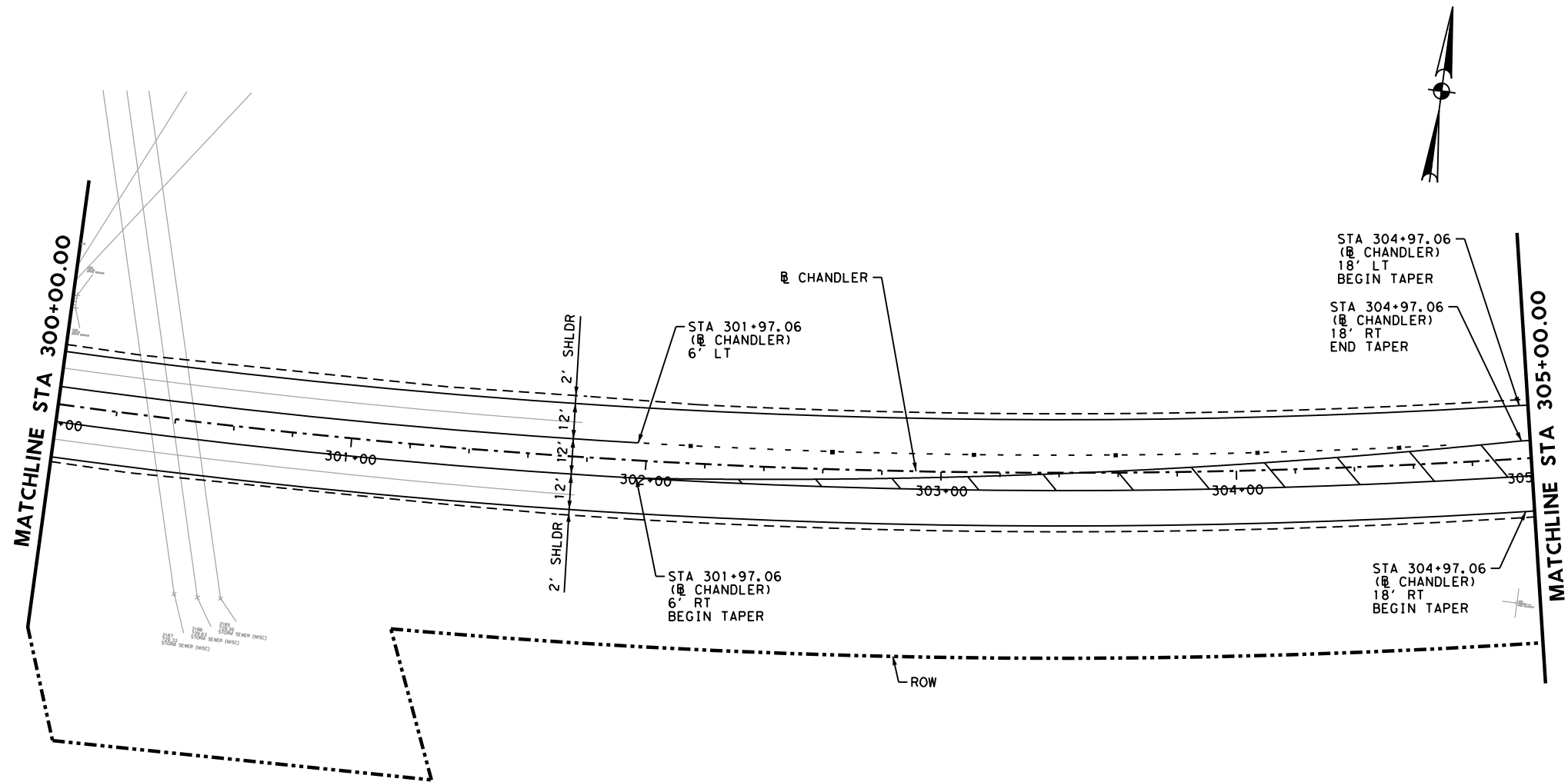
**CR 119**



**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



1/16/2019  
0 25 50

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

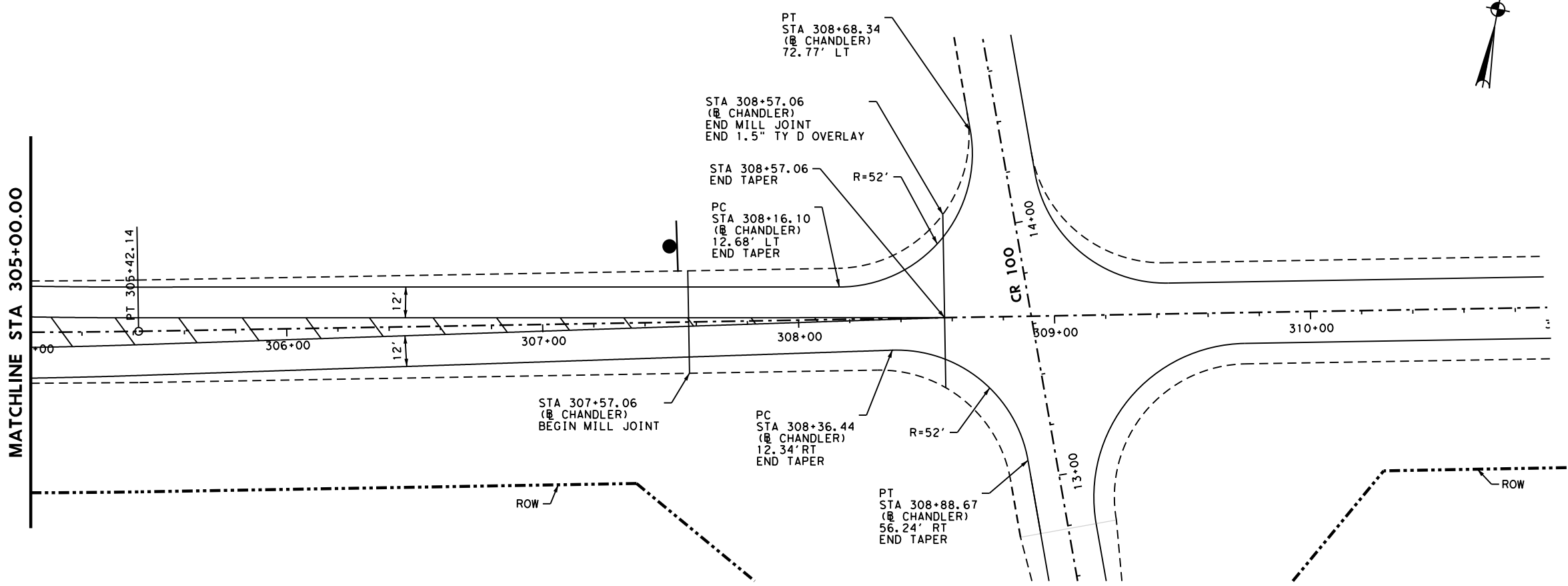
CR 119



CHANDLER LEFT TURN LANE

SHEET 02 OF 03

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



Christopher Peret Flores  
 LICENSED PROFESSIONAL ENGINEER

1/16/2019

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

**CR 119**

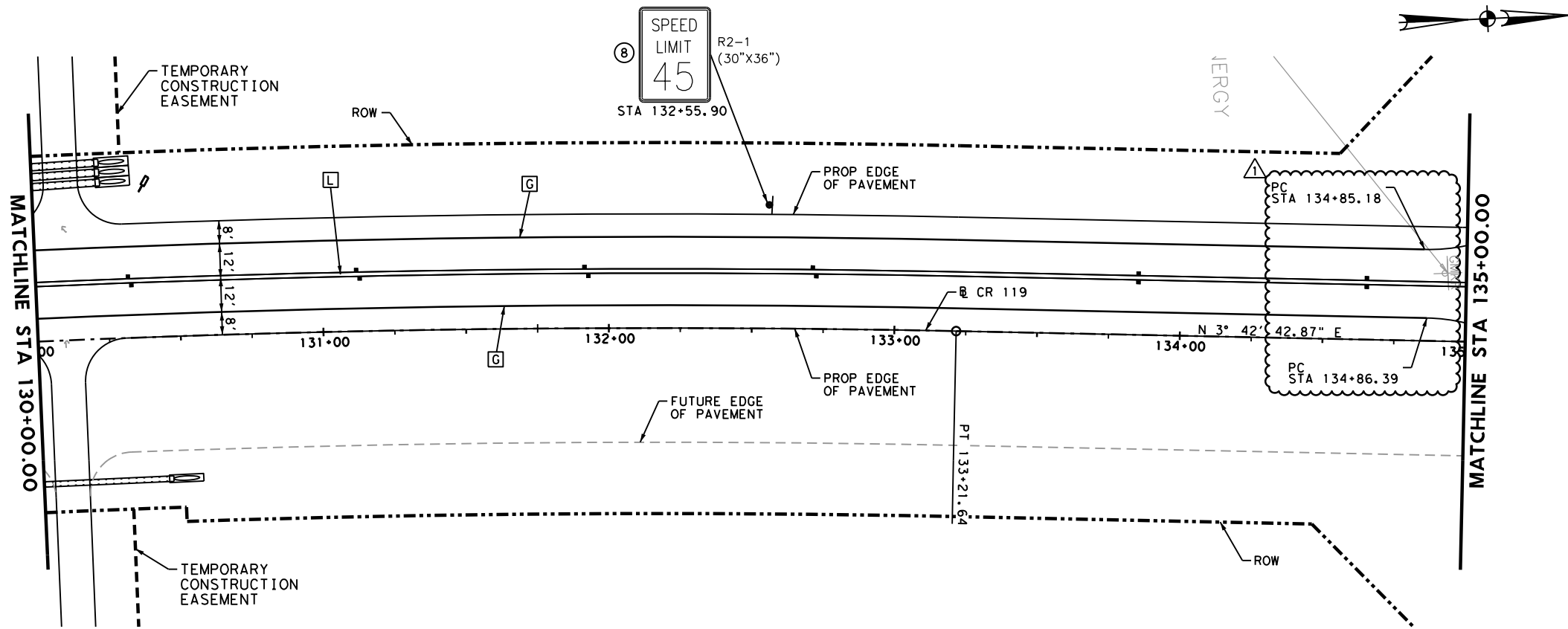
**WILLIAMSON COUNTY**  
1848

**Stantec**  
1905 Aldrich Street Suite 300  
 AUSTIN, TX. 78723  
 Tel. (512) 328-0011 Fax (512) 328-0325  
 TBPE Registration Number F-6324  
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CHANDLER LEFT TURN LANE

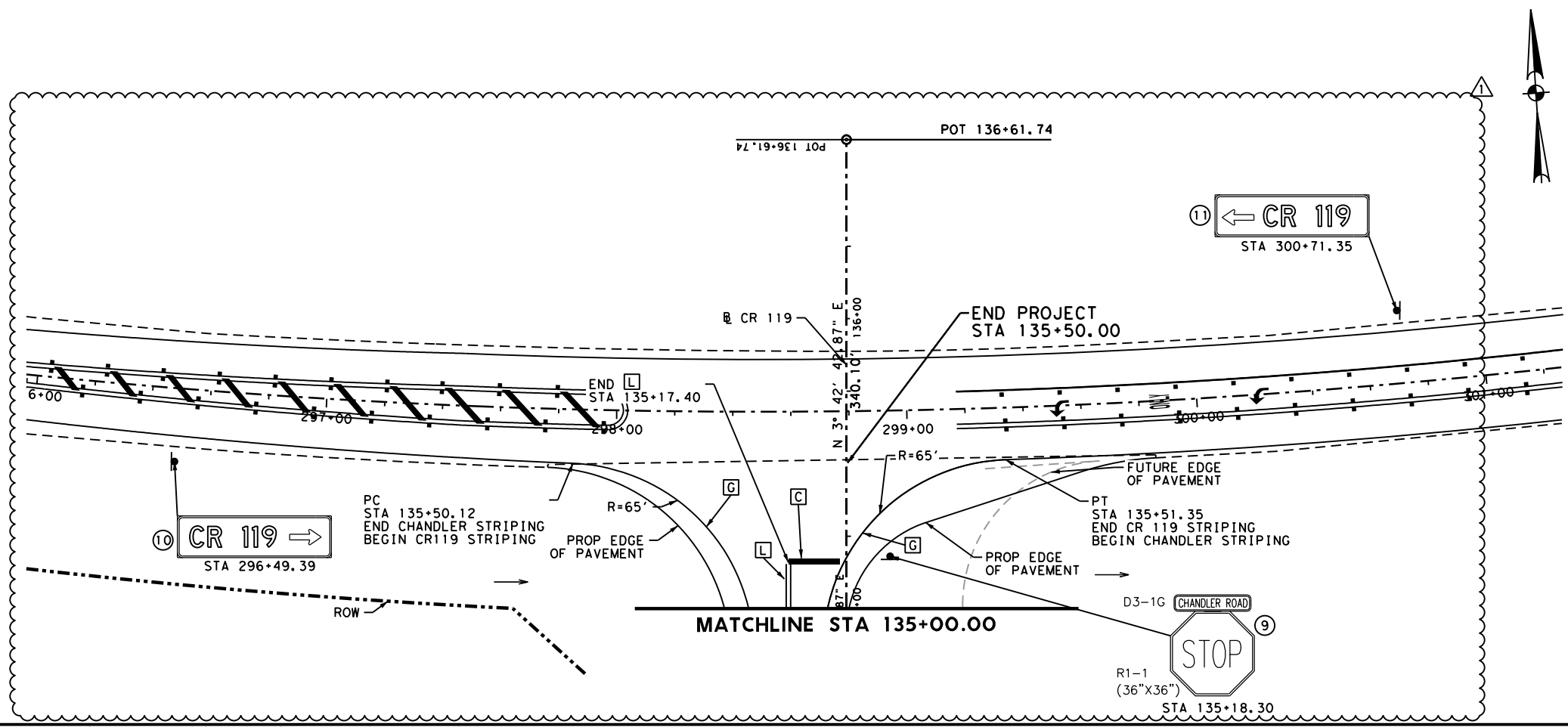
SHEET 03 OF 03

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

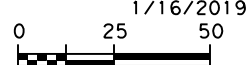
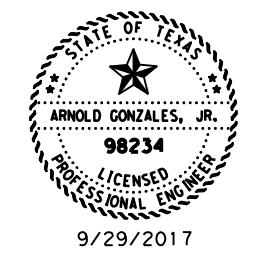
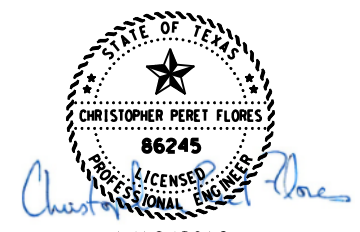


- LEGEND**
- [B] 8 INCH WIDE WHITE LINE (SLD) (REFL) W/RAIS PAV MRKR (REFL) TY I-C @ 20' C-C
  - [C] 24 INCH WIDE WHITE LINE (SLD) (REFL) STOP BAR
  - [D] 24 INCH WIDE YELLOW LINE (SLD) (REFL)
  - [E] RIGHT/LEFT/THRU ARROW (REFL)
  - [F] WORD "ONLY" WHITE (REFL)
  - [G] 4 INCH WIDE WHITE LINE (SLD) (REFL)
  - [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**

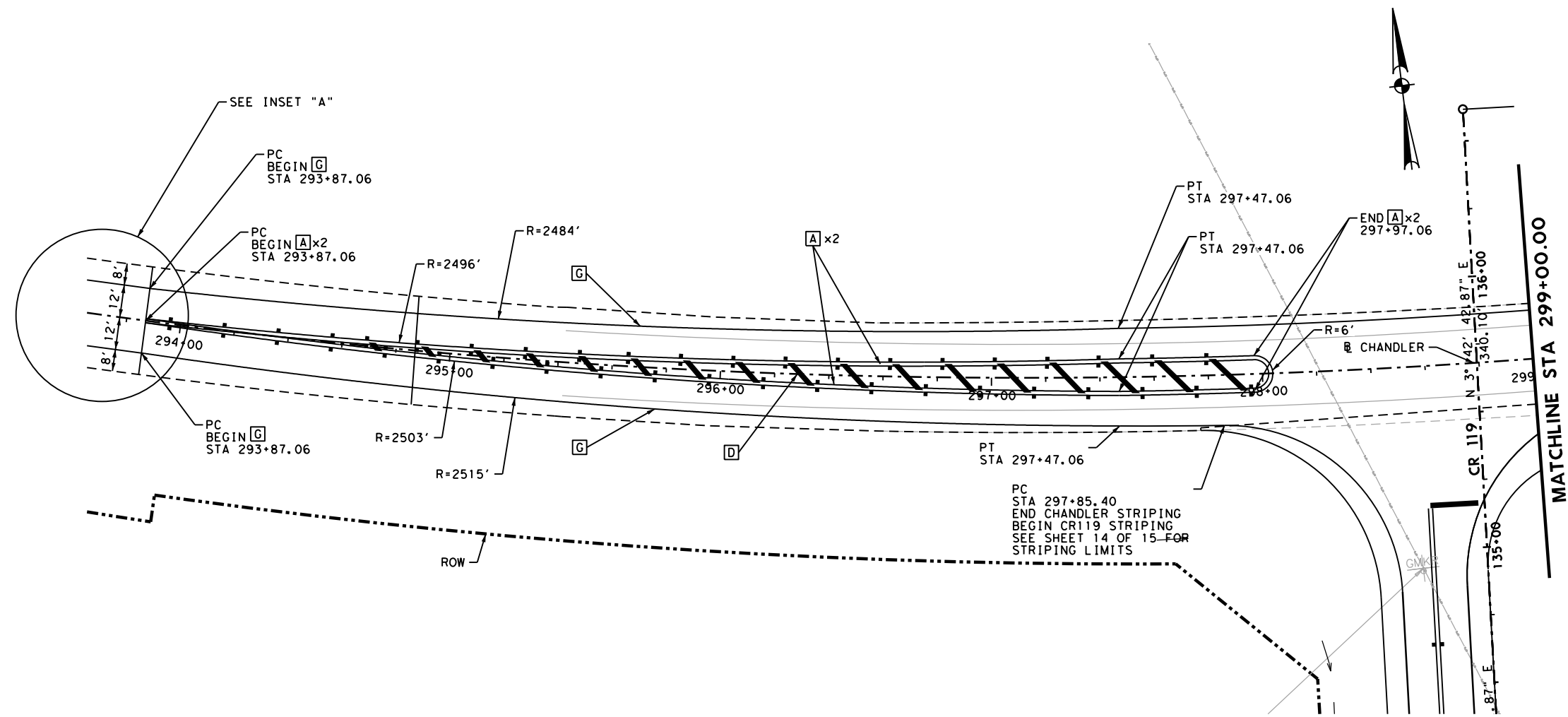


**TRAFFIC SIGNING AND PAVEMENT MARKING LAYOUT**  
**STA 130+00 TO END PROJECT**

SHEET 14 OF 15

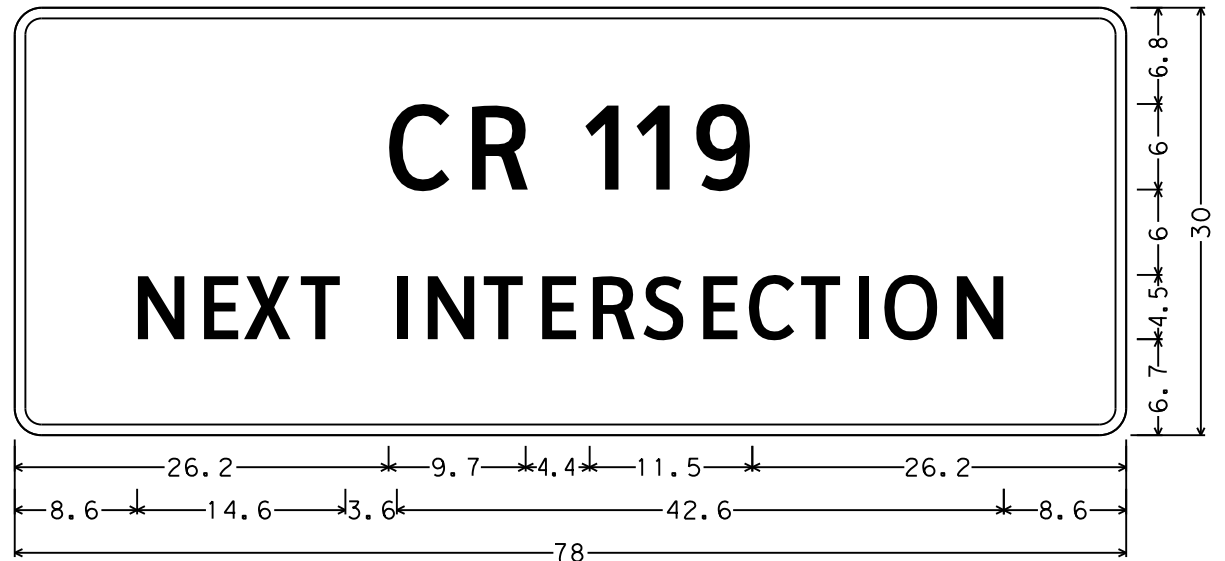
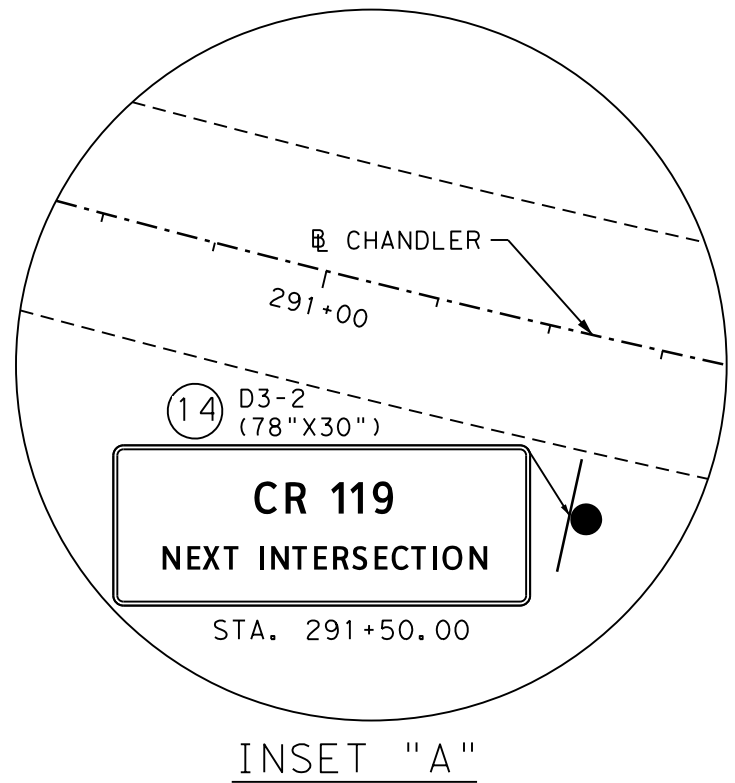
FED. DIV. NO.	STATE	PROJECT NO.	HIGHWAY NO.	STATE DIST. NO.	COUNTY	CONTROL NO.	SECTION NO.	JOB NO.	SHEET NO.
6	TEXAS		CR119	14	WILLIAMSON				247



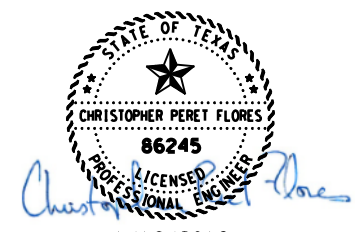


- LEGEND**
- [A] 4 INCH WIDE YELLOW LINE (SLD) (REFL) W/RAIS PAV MRKR (REFL) TY II A-A @ 20' C-C
  - [B] 8 INCH WIDE WHITE LINE (SLD) (REFL) W/RAIS PAV MRKR (REFL) TY I-C @ 20' C-C
  - [C] 24 INCH WIDE WHITE LINE (SLD) (REFL) STOP BAR
  - [D] 24 INCH WIDE YELLOW LINE (SLD) (REFL)
  - [E] RIGHT/LEFT/THRU 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) B1

- 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;



1/16/2019  
 0 25 50

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  
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**TRAFFIC SIGNING AND PAVEMENT MARKING LAYOUT**

SHEET 01 OF 03

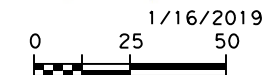
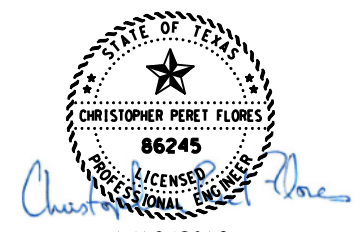
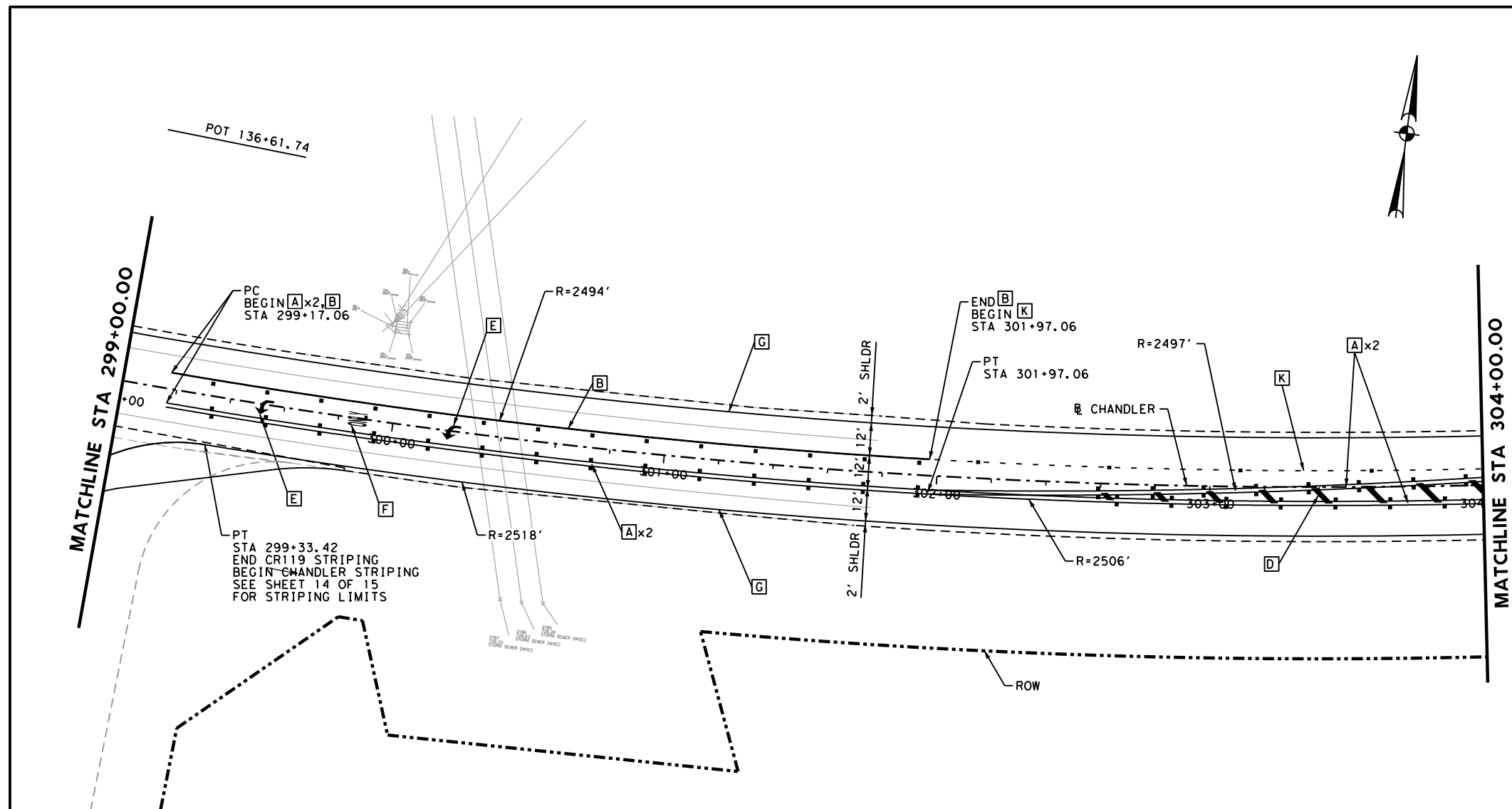
FED. RD. DIV. NO.	STATE	PROJECT NO.	HIGHWAY NO.	STATE DIST. NO.	COUNTY	CONTROL NO.	SECTION NO.	JOB NO.	SHEET NO.
6	TEXAS		CR119	14	WILLIAMSON				247A

**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:**

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




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

**CR 119**



**WILLIAMSON COUNTY**  
1848



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TRAFFIC  
SIGNING AND PAVEMENT  
MARKING LAYOUT

SHEET 02 OF 03

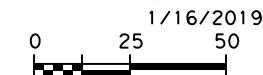
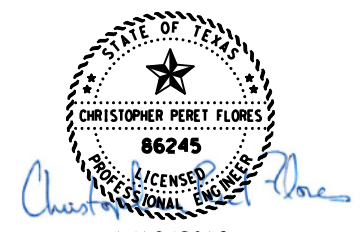
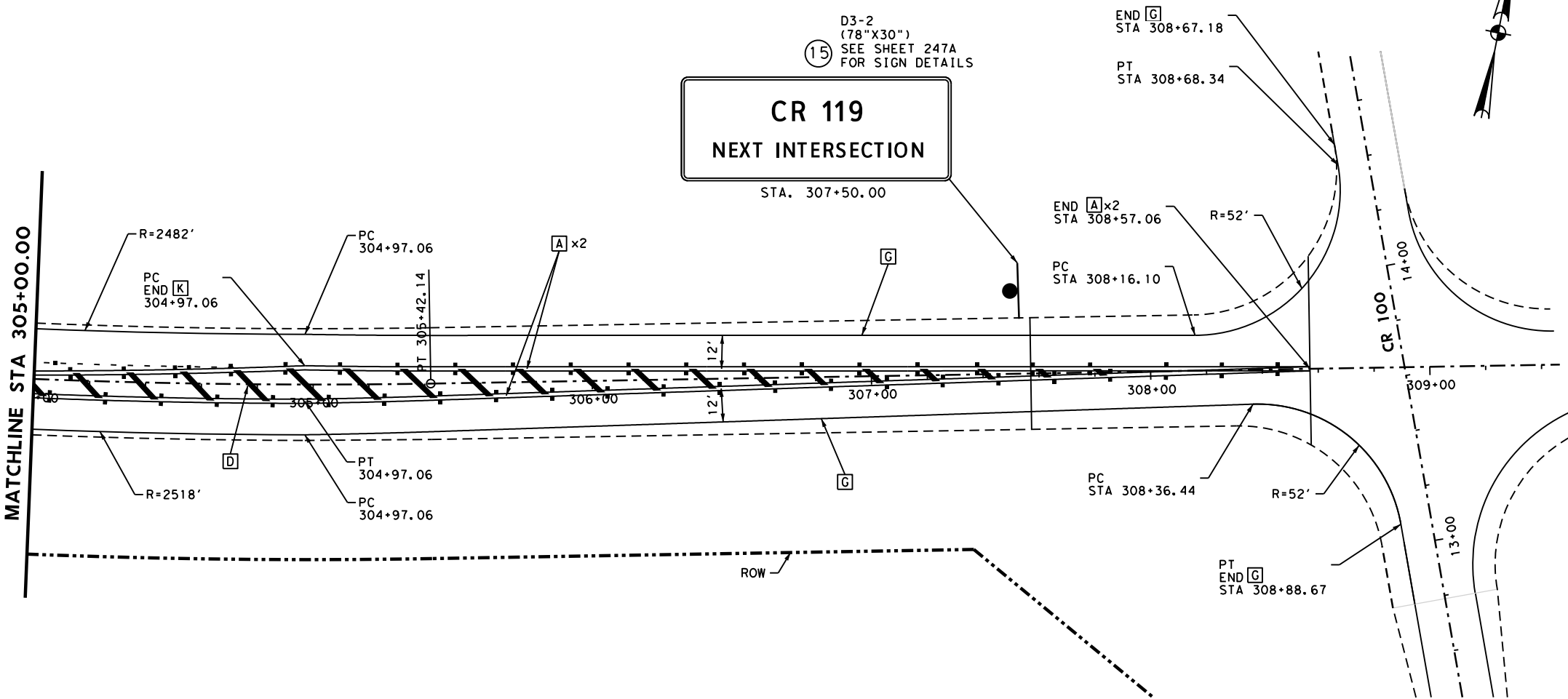
FED. RD. DIV. NO.	STATE	PROJECT NO.	HIGHWAY NO.	STATE DIST. NO.	COUNTY	CONTROL NO.	SECTION NO.	JOB NO.	SHEET NO.
6	TEXAS		CR119	14	WILLIAMSON				247B

**LEGEND**

- [A] 4 INCH WIDE YELLOW LINE (SLD) (REFL) W/RAIS PAV MRKR (REFL) TY II A-A @ 20'C-C
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  - ⊞ DEL ASSM (D-SW) SZ 1 (BRF) GF2
  - ⊞ DEL ASSM (D-SW) SZ (BRF) CTB) B1


**NOTES:**

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TRAFFIC  
SIGNING AND PAVEMENT  
MARKING LAYOUT

SHEET 03 OF 03

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