

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 5

1. CONTRACTOR: James Construction Group
2. Change Order Work Limits: Sta. 10+06 to Sta. 208-51
3. Type of Change (on federal-aid non-exempt projects): Major (Major/Minor)
4. Reasons: 2E (3 Max. - In order of importance - Primary first)
5. Describe the work being revised:

Project:	<u>2138</u>
Roadway:	<u>CR 101</u>
CSJ Number:	<u></u>

2E: Differing Site Conditions (unforeseeable). Miscellaneous difference in site conditions (unforeseeable). This Change Order provides the final balancing for the overrun and underrun of Contract quantities on the project as a result of addressing field conditions not accounted for in the original plans. This Change Order also adds items to the contract to compensate the Contractor for various work including the removal of the drainage pipe at Driveway 19, installing a box culvert and the safety end treatments for the culvert per RFI 20, compensation for unused water line materials that could not be restocked, and compensation for relocation of encasement due to changing field conditions.

6. Work to be performed in accordance with Items: See attached.
7. New or revised plan sheet(s) are attached and numbered: 2, 19, 133, 169, 195A (all issued w/ RFI 20)
8. New Special Provisions/Specifications to the contract are attached: ☐ Yes ☒ No
9. New Special Provisions to Item N/A No. N/A. Special Specification Item N/A are attached.

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

The contractor must sign the Change Order and, by doing so, agrees to waive any and all claims for additional compensation due to any and all other expenses, additional changes for time, overhead and profit, or loss of compensation as a result of this change. THE CONTRACTOR Date <u>12-7-22</u> By <u>[Signature]</u> Typed/Printed Name <u>Tony Williams</u> Typed/Printed Title <u>Division Manager</u>	The following information must be provided Time Ext. #: <u>1</u> Days added on this CO: <u>64</u> Amount added by this change order: <u>(\$727,246.14)</u>
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RECOMMENDED FOR EXECUTION:

[Signature] 12/9/2022
Project Manager Date

N/A
Design Engineer Date

[Signature] 12/9/2022
Program Manager Date

Design Engineer's Seal:

County Commissioner Precinct 1 Date
☐ APPROVED ☐ REQUEST APPROVAL

County Commissioner Precinct 2 Date
☐ APPROVED ☐ REQUEST APPROVAL

County Commissioner Precinct 3 Date
☐ APPROVED ☐ REQUEST APPROVAL

County Commissioner Precinct 4 Date
☐ APPROVED ☐ REQUEST APPROVAL

Valerie Covey Dec 21, 2022
County Judge Date
☐ APPROVED

Project # 2138

[illegible]

ITEM	DESCRIPTION	UNIT	UNIT PRICE	ORIGINAL + PREVIOUSLY REVISED		ADD or (DEDUCT)	NEW		OVERRUN/ UNDERRUN
				QUANTITY	ITEM COST		QUANTITY	ITEM COST	
100-6002	PREPARING ROW	STA	\$7,213.82	181.00	\$1,305,701.42	(9.00)	172.00	\$1,240,777.04	(\$64,924.38)
103-6001	DISPOSAL OF WATER WELLS	EA	\$2,500.00	2.00	\$5,000.00	(1.00)	1.00	\$2,500.00	
104-6009	REMOVING CONC (RIPRAP)	SV	\$3.02	495.00	\$1,494.90	(83.62)	411.38	\$1,242.37	(\$252.53)
104-6024	REMOVING CONC (RETAINING WALLS)	SV	\$12.22	35.00	\$427.70	53.89	88.89	\$1,086.24	\$658.54
106-6001	OBBLITERATING ABANDONED ROAD	STA	\$5,000.00	16.00	\$80,000.00	(0.11)	15.89	\$79,450.00	(\$550.00)
110-6001	EXCAVATION (ROADWAY)	CV	\$3.86	72,360.00	\$279,309.60	(1,833.00)	70,527.00	\$272,324.22	(\$7,075.38)
132-6003	EMBANKMENT (FINAL)(GRD COMPT)(TY B)	CY	\$4.55	88,292.00	\$310,728.60	(440.21)	87,851.79	\$308,725.64	(\$2,002.96)
161-WC001	EROSION CONTROL COMPOST (3")	SV	\$5.00	45,962.00	\$229,810.00	(45,962.00)	0.00	\$0.00	(\$229,810.00)
162-WC103	MULCH TOPDRESSING (8")	SV	\$0.23	45,962.00	\$10,571.26	(45,962.00)	0.00	\$0.00	(\$10,571.26)
164-WC11	SEEDING FOR EROSION CONTROL (PERM)(TY 11)	SV	\$0.39	163,849.00	\$71,701.11	(124,691.00)	59,158.00	\$23,071.62	(\$48,629.49)
166-6002	FERTILIZER	TON	\$900.00	12.00	\$10,800.00	(10.5600)	1.4400	\$1,296.00	(\$9,504.00)
168-WC01	VEGETATIVE WATERING	MG	\$14.36	3,677.00	\$52,801.72	(3,333.00)	344.00	\$4,939.84	(\$47,861.88)
169-6001	SOIL RETENTION BLANKETS (CL 3)(TY A)	SV	\$1.25	39,196.00	\$48,995.00	4,924.00	44,120.00	\$55,150.00	\$6,155.00
247-6004	FLBS (CMP IN PLACE)(TY A GR 4)(IN VEH)	CY	\$26.03	200.00	\$5,206.00	(200.00)	0.00	\$0.00	(\$5,206.00)
247-6044	FLBS (CMP IN PLC)(TY A GR 3)(FINAL POS)	CY	\$27.74	39,441.33	\$1,094,102.49	(1,470.87)	37,970.46	\$1,053,300.56	(\$40,801.93)
275-6001	CEMENT	TON	\$200.00	52.00	\$10,400.00	(52.00)	0.00	\$0.00	(\$10,400.00)
275-6000	CEMENT TREAT (SUBGRADE)(12")	SV	\$2.29	3,508.00	\$8,033.32	(3,508.00)	0.00	\$0.00	(\$8,033.32)
316-6193	AGGR(TY-D GR-5 SAC-B)	CY	\$70.00	976.00	\$68,320.00	(81.00)	895.00	\$62,650.00	(\$6,670.00)
316-6413	ASPH(AC-15, HFRS-2P OR CRS-2P)	GAL	\$3.00	42,651.00	\$127,953.00	(8,726.00)	33,925.00	\$101,775.00	(\$26,178.00)
341-6042	D-GR HMA TY-D SAC-B PG70-22	TON	\$93.00	22,852.00	\$2,125,236.00	(1,780.12)	21,071.88	\$1,959,684.84	(\$165,551.16)
400-6008	CUT & RESTORE ASPH PAVING	SV	\$57.93	24.00	\$1,390.32	(24.00)	0.00	\$0.00	(\$1,390.32)
401-6001	FLOWABLE BACKFILL	CY	\$100.10	15.00	\$1,501.50	(15.00)	0.00	\$0.00	(\$1,501.50)
432-6001	RIPRAP (CONC)(4 IN)	CY	\$509.40	4.00	\$2,037.60	66.00	70.00	\$35,658.00	\$33,620.40
432-6031	RIPRAP (STONE PROTECTION)(12 IN)	CY	\$138.67	364.00	\$50,475.88	31.11	395.11	\$54,769.90	\$4,314.02
432-6043	RIPRAP (SNOW STRIP) (4 IN)	CY	\$376.51	272.00	\$102,410.72	(2.65)	269.35	\$101,412.97	(\$997.75)
TOTALS					\$6,004,408.14			\$5,359,744.24	(\$644,663.90)

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 5

TABLE B: Contract Items (Continued)

Project # 2138

ITEM	DESCRIPTION	UNIT	UNIT PRICE	ORIGINAL + PREVIOUSLY REVISED		NEW		OVER/UN/ UNDER/
				QUANTITY	ITEM COST	QUANTITY	ITEM COST	
460-6002	CMP (GAL STL 18 IN)	LF	\$44.25	169.00	\$7,478.25	(169.00)	\$0.00	(\$7,478.25)
460-6003	CMP (GAL STL 24 IN)	LF	\$55.75	34.00	\$1,895.50	(34.00)	\$0.00	(\$1,895.50)
464-6003	RC PIPE (CL III) (18 IN)	LF	\$55.41	480.00	\$31,396.80	(32.00)	\$29,303.58	(\$2,093.12)
464-6005	RC PIPE (CL III) (24 IN)	LF	\$98.92	1547.00	\$153,029.24	(30.00)	\$150,061.64	(\$2,967.60)
465-6016	INLET (COMPL)(PCO)(3FT)(BOTH)	EA	\$3,688.09	2.00	\$7,376.18	1.50	\$12,908.32	\$5,532.14
467-6363	SET (TY II) (18 IN) (RCP) (6:1) (P)	EA	\$1,250.06	3.00	\$3,750.18	(1.00)	\$2,500.12	(\$1,250.06)
480-6001	CLEAN EXISTING CULVERTS	EA	\$2,270.30	3.00	\$6,810.90	(3.00)	\$0.00	(\$6,810.90)
502-6001	BARRICADES, SIGNS AND TRAFFIC HANDLING	MO	\$5,686.46	18.00	\$102,356.28	3.00	\$119,415.66	\$17,059.38
506-6003	ROCK FILTER DAMS (INSTALL) (TY 3)	LF	\$85.00	585.00	\$38,025.00	(563.02)	\$1,428.70	(\$36,596.30)
506-6011	ROCK FILTER DAMS (REMOVE)	LF	\$19.00	585.00	\$11,115.00	(585.00)	\$0.00	(\$11,115.00)
506-6020	CONSTRUCTION EXITS (INSTALL) (TY 1)	SV	\$9.75	111.00	\$1,082.25	246.00	\$3,480.75	\$2,398.50
506-6024	CONSTRUCTION EXITS (REMOVE)	SV	\$8.50	111.00	\$943.50	357.00	\$3,034.50	\$2,091.00
506-6040	BIODEG EROSN CONT LOGS (INSTL) (8")	LF	\$2.75	15702.00	\$43,180.50	(584.00)	\$41,574.50	(\$1,606.00)
506-6043	BIODEG EROSN CONT LOGS (REMOVE)	LF	\$0.25	15702.00	\$3,925.50	(584.00)	\$3,779.50	(\$146.00)
512-6005	PORT CTB (FUR & INST)(F-SHAPE)(TY 1)	LF	\$8.16	570.00	\$4,651.20	(570.00)	\$0.00	(\$4,651.20)
512-6008	PORT CTB (FUR & INST)(LOW PROF)(TY 1)	LF	\$25.77	2000.00	\$51,540.00	(1,520.00)	\$12,369.60	(\$39,170.40)
512-6010	PORT CTB (FUR & INST)(LOW PROF)(TY 2)	LF	\$37.36	120.00	\$4,483.20	(80.00)	\$1,494.40	(\$2,988.80)
512-6033	PORT CTB (MOVE)(LOW PROF)(TY 1)	LF	\$3.13	780.00	\$2,441.40	(300.00)	\$1,502.40	(\$939.00)
512-6034	PORT CTB (MOVE)(LOW PROF)(TY 2)	LF	\$9.79	120.00	\$1,174.80	(80.00)	\$391.60	(\$783.20)
512-6053	PORT CTB (REMOVE)(F-SHAPE)(TY 1)	LF	\$6.82	570.00	\$3,887.40	(570.00)	\$0.00	(\$3,887.40)
512-6057	PORT CTB (REMOVE)(LOW PROF)(TY 1)	LF	\$5.73	2000.00	\$11,460.00	(1,520.00)	\$2,750.40	(\$8,709.60)
512-6058	PORT CTB (REMOVE)(LOW PROF)(TY 2)	LF	\$10.35	120.00	\$1,242.00	(80.00)	\$414.00	(\$828.00)
530-6004	DRIVEWAYS (CONC)	SV	\$46.99	2407.00	\$113,104.93	1,315.45	\$174,917.93	\$61,813.00
540-6001	MTL W-BEAM GD FEN (TIM POST)	LF	\$20.15	4719.00	\$95,087.85	118.50	\$2,387.78	(\$92,700.07)
544-6002	GUARDRAIL END TREATMENT (INSTALL)	LF	\$53.70	269.00	\$14,445.30	(106.50)	\$8,726.25	(\$5,719.05)
545-6005	CRASH CUSHION ATTEN (REMOVE)	EA	\$2,527.00	17.00	\$42,959.00	(2.00)	\$37,905.00	(\$5,054.00)
545-6018	CRASH CUSHION ATTEN (INSTL)(S)(TL2)	EA	\$1,250.00	2.00	\$2,500.00	(2.00)	\$0.00	(\$2,500.00)
560-6001	MAILBOX INSTALL-S (TWG-POST) TY 1	EA	\$6,900.00	2.00	\$13,800.00	(2.00)	\$0.00	(\$13,800.00)
644-6004	IN SM RD SN SUP&AM TY 10BWG(1)SA(P)	EA	\$184.95	10.00	\$1,849.50	4.00	\$2,589.30	\$739.80
644-6004	IN SM RD SN SUP&AM TY 10BWG(1)SA(P)	EA	\$548.23	4.00	\$2,192.92	1.00	\$2,741.15	\$548.23
644-6017	IN SM RD SN SUP&AM TY 10BWG(2)SA(P)	EA	\$603.70	3.00	\$1,811.10	(1.00)	\$1,207.40	(\$603.70)
658-6047	IN STL OM ASSM (CM-2Y)(WC)GND	EA	\$974.10	2.00	\$1,948.20	(2.00)	\$0.00	(\$1,948.20)
The "Totals" from Table B of the previous work sheet:				10.00	\$499.50	5.00	\$749.25	\$249.75
TOTALS					\$6,004,408.14		\$5,359,744.24	(\$644,663.90)
					\$6,787,851.52		\$6,072,465.92	(\$715,385.60)

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 5

Project # 2138

TABLE B: Contract Items (Continued)

ITEM	DESCRIPTION	UNIT	UNIT PRICE	ORIGINAL + PREVIOUSLY REVISED		NEW		OVER/UNDER
				QUANTITY	ITEM COST	QUANTITY	ITEM COST	
658-6062	INSTL DEL ASSM (D-SW) SZ 1 (BRF) GF2 (B)	EA	\$14.75	66.00	\$973.50	13.00	\$1,165.25	\$191.75
658-6071	INSTL DEL ASSM (D-SY)SZ (BRF) CTB (B)	EA	\$11.00	12.00	\$132.00	(12.00)	\$0.00	(\$132.00)
662-6063	WK ZN PAV MRK REMOV (W4") (SLD)	LF	\$0.40	18437.00	\$7,374.80	(2,081.00)	\$6,542.40	(\$832.40)
662-6075	WK ZN PAV MRK REMOV (W)24" (SLD)	LF	\$10.00	168.00	\$1,680.00	(168.00)	\$0.00	(\$1,680.00)
662-6095	WK ZN PAV MRK REMOV (Y4") (SLD)	LF	\$0.40	34868.00	\$13,947.20	(18,245.00)	\$6,648.20	(\$7,298.00)
666-6005	REFL PAV MRK TY 1 (W4") (DOT) (090MIL)	LF	\$0.60	162.00	\$97.20	(2.00)	\$96.00	(\$1.20)
666-6035	REFL PAV MRK TY 1 (W8") (DOT) (090MIL)	LF	\$0.75	1773.00	\$1,329.75	(156.00)	\$1,167.75	(\$117.00)
666-6146	REFL PAV MRK TY 1 (Y)24" (SLD) (090MIL)	LF	\$6.50	1019.00	\$6,725.40	12.00	\$78.00	\$79.20
666-6302	RE PM WIRE REQ TY 1 (W)4" (SLD) (090MIL)	LF	\$0.32	46880.00	\$14,995.20	(3,203.00)	\$13,870.24	(\$1,024.96)
666-6311	RE PM WIRE REQ TY 1 (Y)4" (SLD) (090MIL)	LF	\$0.35	3831.00	\$1,340.85	219.00	\$76.65	\$1,417.50
666-6314	RE PM WIRE REQ TY 1 (Y)4" (SLD) (090MIL)	LF	\$0.32	27021.00	\$8,646.72	(183.00)	\$59.16	(\$8,587.56)
668-6076	PREFAB PAV MRK TY C (W) (24") (SLD)	LF	\$13.00	162.00	\$2,106.00	7.00	\$91.00	\$91.00
668-6077	PREFAB PAV MRK TY C (W) (ARROW)	EA	\$220.00	16.00	\$3,520.00	(2.00)	\$3,080.00	(\$440.00)
668-6078	PREFAB PAV MRK TY C (W) (DBL ARROW)	EA	\$320.00	1.00	\$320.00	(1.00)	\$0.00	(\$320.00)
668-6085	PREFAB PAV MRK TY C (W) (WORD)	EA	\$275.00	12.00	\$3,300.00	(2.00)	\$2,750.00	(\$550.00)
672-6007	REFL PAV MRKR TY I-C	EA	\$50.00	8.00	\$400.00	73.00	\$3,610.00	\$3,210.00
5001-6002	GEORIGRID BASE REINFORCEMENT (TY II)	SY	\$0.92	95267.00	\$87,645.64	(3,376.16)	\$94,539.57	(\$3,106.07)
6001-6001	PORTABLE CHANGEABLE MESSAGE SIGN	DAY	\$21.38	112.00	\$2,394.56	124.00	\$2,651.12	\$256.56
J103-01	18" C-905, DR-18 PVC PIPE; W/ TRACER WIRE; INSTALLED	LF	\$220.00	20.00	\$4,400.00	(20.00)	\$0.00	(\$4,400.00)
J103-01	20" STEEL ENC. PIPE, BORED WITH 12" C-900, DR-18 RJ CARRIER PIPE; INSTALLED	LF	\$35.73	2420.00	\$86,466.60	20.00	\$714.60	\$87,181.20
J103-01	18" GATE VALVE, BOX, AND MARKER; INSTALLED	EA	\$498.96	250.00	\$124,740.00	30.00	\$139,708.80	\$14,968.80
J103-01	CONNECT NEW 18" TO EXISTING 18"; INSTALLED	EA	\$10,543.06	2.00	\$21,086.12	(2.00)	\$0.00	(\$21,086.12)
J103-01	CONNECT NEW 18" TO EXISTING 16"; INSTALLED	EA	\$6,500.00	1.00	\$6,500.00	(1.00)	\$0.00	(\$6,500.00)
552-WC01	WIRE FENCE (TY C) (FENCE ONLY)	EA	\$4,400.00	3.00	\$13,200.00	1.00	\$4,400.00	\$17,600.00
552-WC03	WIRE FENCE (TY C) (ADDED STRAND)	LF	\$0.90	1749.00	\$1,574.10	751.94	\$679.75	\$2,253.84
J103-01	INSTALL FLUSH VALVE ASSEMBLY; INSTALLED	LF	\$2.32	1749.00	\$4,057.68	(198.00)	\$3,859.68	(\$200.00)
341-WC02	FORCE ACCOUNT - ESTIMATED PLACEMENT AND PRODUCTION	EA	\$2,242.01	3.00	\$6,726.03	1.00	\$2,242.01	\$4,484.02
351-WC01	BONUS/PENALTY (TY D)	DOL	\$1.00	125,000.00	\$125,000.00	(80,056.23)	\$44,943.77	(\$80,056.23)
506-WC01	FORCE ACCOUNT - REPAIR OF EXISTING PAVEMENT	DOL	\$1.00	50,000.00	\$50,000.00	14,554.11	\$14,554.11	\$64,554.11
545-WC01	FORCE ACCOUNT - EROSION CONTROL MEASURES	DOL	\$1.00	25,000.00	\$25,000.00	(25,000.00)	\$0.00	(\$25,000.00)
999-WC01	FORCE ACCOUNT - ESTIMATED RIDE QUALITY BONUS/PENALTY	DOL	\$1.00	29,500.00	\$29,500.00	(27,050.00)	\$2,450.00	(\$27,050.00)
J103-01	FORCE ACCOUNT-ROADWAY REPAIRS AND GRADING ON NORTH END	LS	\$1.00	90,000.00	\$90,000.00	32,072.46	\$32,072.46	\$122,072.46
462-6003	JONAH WATER ITEMS-MATERIAL REIMBURSEMENT	LS	\$43,675.45	0.00	\$0.00	1.00	\$43,675.45	\$43,675.45
467-6142	CONC BOX CULVERT (4 FT X 2 FT)	LF	\$346.29	0.00	\$0.00	60.00	\$20,777.40	\$20,777.40
466-6083	SET (TY II) (S=4FT) (HW=3FT) (6:1) (P)	EA	\$3,220.64	0.00	\$0.00	4.00	\$12,882.56	\$12,882.56
J103-01	RELOCATE 24" ENCASEMENT-PER JONAH WATER REVISION	LF	\$72.12	0.00	\$0.00	30.00	\$2,163.60	\$2,163.60
	The "Totals" from Table B of the previous work sheet:	LS	\$5,910.82	0.00	\$0.00	1.00	\$5,910.82	\$5,910.82
	TOTALS				\$6,787,851.52		\$6,072,465.92	(\$715,385.60)
					\$7,548,127.27		\$6,820,881.13	(\$727,246.14)

CHANGE ORDER REASON(S) CODE CHART

1. Design Error or Omission	1A. Incorrect PS&E 1B. Other
2. Differing Site Conditions (unforeseeable)	2A. Dispute resolution (expense caused by conditions and/or resulting delay) 2B. Unavailable material 2C. New development (conditions changing after PS&E completed) 2D. Environmental remediation 2E. Miscellaneous difference in site conditions (unforeseeable)(Item 9) 2F. Site conditions altered by an act of nature 2G. Unadjusted utility (unforeseeable) 2H. Unacquired Right-of-Way (unforeseeable) 2I. Additional safety needs (unforeseeable) 2J. Other
3. County Convenience	3A. Dispute resolution (not resulting from error in plans or differing site conditions) 3B. Public relations improvement 3C. Implementation of a Value Engineering finding 3D. Achievement of an early project completion 3E. Reduction of future maintenance 3F. Additional work desired by the County 3G. Compliance requirements of new laws and/or policies 3H. Cost savings opportunity discovered during construction 3I. Implementation of improved technology or better process 3J. Price adjustment on finished work (price reduced in exchange for acceptance) 3K. Addition of stock account or material supplied by state provision 3L. Revising safety work/measures desired by the County 3M. Other
4. Third Party Accommodation	4A. Failure of a third party to meet commitment 4B. Third party requested work 4C. Compliance requirements of new laws and/or policies (impacting third party) 4D. Other
5. Contractor Convenience	5A. Contractor exercises option to change the traffic control plan 5B. Contractor requested change in the sequence and/or method of work 5C. Payment for Partnering workshop 5D. Additional safety work/measures desired by the contractor 5E. Other
6. Untimely ROW/Utilities	6A. Right-of-Way not clear (third party responsibility for ROW) 6B. Right-of-Way not clear (County responsibility for ROW) 6C. Utilities not clear 6D. Other

Williamson County Road Bond Program

CR 101 Reconstruction

Williamson County Project No. 2138

Change Order No. 5

Reason for Change

This Change Order provides the final balancing for the overrun and underrun of Contract quantities on the project as a result of addressing field conditions not accounted for in the original plans. This Change Order also adds items to the contract to compensate the Contractor for various work including the removal of the drainage pipe at Driveway 19, installing a box culvert and the safety end treatments for the culvert per RFI 20, compensation for unused water line materials that could not be restocked, and compensation for the relocation of encasement due to changing field conditions.

This Change Order also adds 64 additional days to the contract due to the encounter of groundwater in the middle portion of the project that affected the contractor's ability to progress the critical path of the project. Additionally, the existing drainage area close to the newly installed bridge class culvert overflowed soaking into the slope causing the pavement structure of the new CR 101 to fail. The contractor was directed to rebuild and protect the slope, by removing and replacing the damaged subgrade, flexible base, underseal and hot mix asphalt. Each of these unforeseen issues added work and required the contractor to adjust their schedule accordingly.

Following is a summary of the items required for this change order.

ITEM	DESCRIPTION	UNIT	QUANTITY
462-6003	CONC BOX CULV (4 FT X 2 FT)	LF	60.00
467-6142	SET (TY 1) (S=4 FT) (HW=3 FT) (6:1) (P)	EA	4.00
496-6083	REMOV STR (PIPE) F	LF	30.00
J103-01	JONAH WATER ITEMS-MATERIAL REIMBURSEMENT	LS	1.00
J103-01	RELOCATE 24" ENCASEMENT-PER JONAH WATER	LS	1.00

This Change Order results in a decrease of \$727,246.14 to the Contract amount, for an adjusted Contract total of \$12,307,528.60. The original Contract amount was \$13,092,842.00. As a result of this and all Change Orders to-date, \$785,313.40 has been deducted from the Contract, resulting in a 6% net decrease in the Contract cost. 64 additional days will be added to the Contract as a result of this Change Order.

HNTB Corporation

Oscar Salazar-Bueno, P.E.

Change Order Proposal

Date: 3/22/2022

Proposal# CO10783-12



Bill To:

Eddie Chruch
HNTB Corporation
101 E. Old Settlers Blvd, Suite 100
Round Rock, TX 78664

RE:

Williamson
CR 101
Project No.: 2138
Control No.: 2138

Qty	UM	Description	Unit Price	Total
1.00	LS	Jonah Water Items- Material Reimbursement	\$43,675.45	\$43,675.45
			Total	\$43,675.45

James Construction Group, LLC

Contractor's Basis of Estimate

Date:	3/22/2022	Project:	CR101	County:	Williamson
CO Pricing Good For:		Control:	2138	Highway:	CR101
Description:	45 Days Unless Jonah Water Material Purchase for Items not used in Contract	Original Contract:		Net CO:	\$ -
Estimated Qty:	1.00	Narrative:	Sexton Inc. is requesting payment for all materials needed to install the 18" gate valves, 18" to 18" connector and 18" PVC pipe that was called out in the initial contract but eliminated by Jonah due to differing site conditions. This invoice is for the purchase of the material only. Delivery charges will be provided when a delivery location is decided. Current location of materials is the Sexton yard in Yueling TX.		
Estimated Change in Contract Sum:	\$ 43,675.45			Revised Contract:	
Estimated Change in Contract Time:					

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

<u>Labor</u>	<u>Res Hrs</u>	<u>OT Hrs</u>	<u>UM</u>	<u>Res Rate</u>	<u>OT Rate (x1.5)</u>	<u>Extended</u>
						\$ -
						\$ -
					Subtotal	\$ -
					15% Markup	\$ -
					55% Burdens	\$ -
					Total Labor	\$ -

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

<u>Subcontractors</u>	<u>QTY</u>	<u>UM</u>	<u>Price</u>	<u>Extended</u>
Sexton Inv 6884	1.00	LS	\$ 37,602.63	\$ 37,602.63
				\$ -
			Subtotal	\$ 37,602.63
			15% Markup	\$ 5,640.39
			Total Subcontract	\$ 43,243.02

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

TOTAL OF WORK PERFORMED \$ 43,243.02

BOND FEE (ADD 1%) \$ 432.43

TOTAL COST \$ 43,675.45

UNIT PRICE (TOTAL COST/EST. QTY) \$ 43,675.45

Driveway 19 Culvert Revision

Narrative: This Change order covers the removal and rework of RCP at driveway 19 and the replacement with a double barrel 4x2 BC and TY 1 SETs as requested by the County in RFI 20.

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

Labor	Reg Hrs	OT Hrs	UM	Reg Rate	OT Rate (x1.5)	Extended
<u>Removal</u>						
Foreman	4.00	1.00	HR	\$ 33.00	\$ 49.50	\$ 181.50
Loader Operator	4.00	1.00	HR	\$ 17.00	\$ 25.50	\$ 93.50
Excavator Operator	4.00	1.00	HR	\$ 26.00	\$ 39.00	\$ 143.00
Laborer	4.00	1.00	HR	\$ 14.00	\$ 21.00	\$ 77.00

Subtotal	\$	495.00
15% Markup	\$	74.25
55% Burdens	\$	272.25
Total Labor	\$	841.50

<u>Equipment</u>	<u>QTY</u>	<u>UM</u>	<u>Rate</u>	<u>Extended</u>
<u>Removal</u>				
CAT 938 Loader	5.00	hr	67.55	\$ 337.75
CAT 336 Excavator	5.00	hr	134.08	\$ 670.40
3/4 Ton Pickup	5.00	hr	24.57	\$ 122.85

Subtotal	\$	1,131.00
15% Markup	\$	169.65
Total Equipment	\$	<u>1,300.65</u>

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

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

<u>Additional Work Items</u>	<u>QTY</u>	<u>Units</u>	<u>Price</u>	<u>Extended</u>
				\$ - .-
		Total		\$ - .-

TOTAL OF WORK PERFORMED \$ 2,142.15

BOND FEE (ADD 1%) \$	21.42
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TOTAL COST \$	2,163.57
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UNIT PRICE (TOTAL COST/EST. QTY) \$ 72.12

James Construction Group, LLC

Contractor's Basis of Estimate

Date: 7/27/2021 Project: CR101 County: Williamson
CO Pricing Good For: 45 Days (unless noted otherwise elsewhere) Control: 2138 Highway: CR101
Description: Driveway 19 Culvert Revision Original Contract: Net CO: \$ - Revised Contract:
Estimated Qty: 60.00 LF Narrative: This Change order covers the removal and rework of RCP at driveway 19 and the
Estimated Change in Contract Sum: \$ 20,777.16 replacement with a double barrel 4x2 BC and TY 1 SETs as requested by the County in RFI
Estimated Change in Contract Time: 20.

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

Labor

Install New Box Culvert

	Reg Hrs	OT Hrs	UM	Reg Rate	OT Rate (x1.5)	Extended
Foreman	12.00	3.00	HR	\$ 33.00	\$ 49.50	\$ 544.50
Loader Operator	12.00	3.00	HR	\$ 17.00	\$ 25.50	\$ 280.50
Excavator Operator	12.00	3.00	HR	\$ 26.00	\$ 39.00	\$ 429.00
Laborer	12.00	3.00	HR	\$ 14.00	\$ 21.00	\$ 231.00

Subtotal	\$	1,485.00
15% Markup	\$	222.75
55% Burdens	\$	816.75
Total Labor	\$	2,524.50

Equipment

Install New Box Culvert

	QTY	UM	Rate	Extended
CAT 938 Loader	15.00	hr	67.55	\$ 1,013.25
CAT 336 Excavator	15.00	hr	134.08	\$ 2,011.20
3/4 Ton Pickup	15.00	hr	24.57	\$ 368.55

Subtotal	\$	3,393.00
15% Markup	\$	508.95
Total Equipment	\$	3,901.95

Subcontractors

QTY	UM	Price	Extended
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -

Material

Forterra - 4x2 Precast Box Culvert

QTY	UM	Price	Extended
60.00	LF	\$ 205.00	\$ 12,300.00
			\$ 12,300.00
			\$ 1,845.00
			\$ 14,145.00

Additional Work Items

QTY	Units	Price	Extended
			\$ -
			\$ -

TOTAL OF WORK PERFORMED \$ 20,571.45

BOND FEE (ADD 1%) \$ 205.71

TOTAL COST \$ 20,777.16

UNIT PRICE (TOTAL COST/EST. QTY) \$ 346.29

Contractor's Basis of Estimate

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

<u>Labor</u>	<u>Reg Hrs</u>	<u>OT Hrs</u>	<u>UM</u>	<u>Reg Rate</u>	<u>OT Rate (x1.5)</u>	<u>Extended</u>
<u>Form, Pour, Cure SET (2 Laborers)</u>						
Concrete Foreman	16.00	4.00	HR	\$ 36.00	\$ 54.00	\$ 792.00
Carpenter	16.00	4.00	HR	\$ 19.00	\$ 28.50	\$ 418.00
Skilled Laborer	32.00	8.00	HR	\$ 18.00	\$ 27.00	\$ 792.00

<u>Install Pipe Runners (2 Laborers)</u>							
Skilled Laborer	4.00	HR	\$	18.00	\$	27.00	\$ 72.00

Subtotal	\$	2,074.00
15% Markup	\$	311.10
55% Burdens	\$	1,140.70
Total Labor	\$	3,525.80

<u>Equipment</u>	<u>QTY</u>	<u>UM</u>	<u>Rate</u>	<u>Extended</u>
<u>Form, Pour, Cure SET</u>				
Cat 42D Backhoe	10.00	hr	44.42	\$ 444.20
3/4 Ton Pickup	20.00	hr	24.57	\$ 491.40

Subtotal	\$	935.60
15% Markup	\$	140.34
Total Equipment	\$	<u>1,075.94</u>

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

<u>Material</u>	<u>QTY</u>	<u>UM</u>	<u>Price</u>	<u>Extended</u>
Texas Corrugators - Pipe Runners	2.00	EA	\$ 2,162.00	\$ 4,324.00
Barnsco - SET (TY 1) (S=4FT)(HW=3FT)(6:1)(P)	1008.92	lbs	\$ 0.65	\$ 655.80
Martin Marietta - CL C Concrete	10.00	cy	\$ 111.00	\$ 1,110.00
Form Materials	1.00	LS	\$ 1,000.00	\$ 1,000.00

Subtotal	\$	7,089.80
15% Markup	\$	1,063.47
Total Material	\$	8,153.27

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

TOTAL OF WORK PERFORMED \$ 12,755.01

BOND FEE (ADD 1%)	\$	127.55
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TOTAL COST \$	12,882.56
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UNIT PRICE (TOTAL COST/EST. QTY) \$ 3,220.64



REQUEST FOR INFORMATION FORM

RFI NO.: 20 DATE: 5/3/2021
PROJECT: 2183-CR 101 RESPONSE REQUESTED BY
DATE: 5/17/2021
TO: BGE, Inc.: David Leavell, P.E.

REFERENCE: Plan Sheets # 113-114

PROBLEM:

Due to a recent rain event water went over driveway #19 and eroded the base for CR 101 in the immediate area. The water sheet flowed across the new section of CR 101 and flowed onto the existing CR 101. It appears that the single run of 24" RCP is not sufficient for the amount of run off in this area.

RECOMMENDED SOLUTION:

Kyle McCoy
Originator

Lowell Choate
Supervisor

RESPONSE:

After further review, the engineer has revised the Driveway 19 culvert from a 24" RC Pipe to a 2 - 4' x 2' x 30LF MBC. Refer to the attached plan sheets that document the change. Please provide pricing for the removal of the existing 24" pipe, the installation of the proposed 4 x 2 MBC, SET's and regrading the ditchline on both ends of the culvert.

David Leavell, P.E.
Responder

6/3/2021
Date

Sign, Date & Return to HNTB via e-mail.

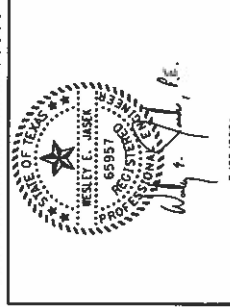
Mail original to: HNTB Corporation
101 E. Old Settlers Blvd.
Round Rock, Texas 78664

Attachments to RFI:

Cc:

SHEET	GENERAL	SHEET	DRAINAGE	SHEET	TRAFFIC
1	TITLE SHEET	149	OVERALL DRAINAGE AREA MAP	256 - 265	SIGNING AND PAVEMENT MARKING
2	INDEX OF SHEETS	150	INTERNAL DRAINAGE AREA MAP	266	CHAMBER ROAD SIGNING AND PAVEMENT MARKING
3 - 5	PROJECT LAYOUT	151	DESIGN FLOW CALCULATIONS	267	STANDARD DETAILS
6 - 7	EXISTING TYPICAL SECTIONS	152 - 158	CULVERT LAYOUTS		STANDARDS (TRAFFIC)
8 - 13, 13A	PROPOSED TYPICAL SECTIONS	159	STORM SEWER PLAN & PROFILE	268	D & OM(1)-15
14, 14A - 14L	GENERAL NOTES	160 - 166	HYDRAULIC CALCULATIONS	269	D & OM(2)-15
15	SHEET OMITTED	167	STORM SEWER FLOW CALCULATIONS	270	D & OM(3)-15
16 - 16A	TRAFFIC CONTROL SUMMARY	168 - 171	DITCH CAPACITY ANALYSIS	271	D & OM(4)-15
17	REMOVAL SUMMARY	172	DRAINAGE DETAILS	272	D & OM(5)-15
18	ROADWAY SUMMARY	173	BCS	273	D & OM(6)-15
19	DRAINAGE SUMMARY	174	PG-400	274 - 276	PH(1)-12 THRU PH(3)-12
20	STANDARD DETAILS			277	SMO(1)-08
21	SIGNING AND PAVEMENT MARKING SUMMARY			278 - 280	SMO(2)-11-08 THRU SMO(5)-11-08
22 - 24	SUMMARY OF SIGNS			281	SMO(1)-08
25				282	TSR(1)-13
				283	TSR(4)-13
26	TRAFFIC CONTROL PLAN				ENVIRONMENTAL
27 30	TRAFFIC CONTROL PLAN NARRATIVE	175	CH-PH-5	284	STORMWATER POLLUTION PREVENTION PLAN (SWPP)
28	TRAFFIC CONTROL PLAN ADVANCE WARNING LAYOUT	176	CCT-PCO	285 - 294	SWPP PLAN
29	BRIDGE #1 DETOUR LAYOUT	177 - 179	PCO	294A	LITTLE MUSTANG CREEK BRIDGE - RIPRAP LAYOUT
30	BRIDGE #2 DETOUR LAYOUT	179	PDO	294B	SOUTH FORK MUSTANG CREEK BRIDGE - RIPRAP LAYOUT
31	TRAFFIC CONTROL PHASE 1 LAYOUT	180 - 181	PSL		STANDARDS (ENVIRONMENTAL)
32	SHEET OMITTED	182 - 183	SCC-3 & 4	295 - 297	EC(1)-16 THRU EC(3)-16
33	TRAFFIC CONTROL PHASE 2 LAYOUT	184 - 185	SCC-AD	298 - 300	EC(9)-16
34 - 35	TCP TYPICAL SECTION PHASE 1	186	SETB-CD		CROSS SECTIONS
36 - 37	SHEET OMITTED	187 - 188	SETB-PO	301 - 392	CR 101 CROSS SECTIONS
38	SHEET OMITTED	189 - 190	SETB-PO	393 - 396	TRANSITION CROSS SECTIONS
39 - 48	TRAFFIC CONTROL PLAN PHASE 1	191 - 192	SETB-PO	397 - 399	CR 100 CROSS SECTIONS
49	TRAFFIC CONTROL PLAN PHASE 2 LAYOUT	193 - 195	SR		
50 - 50A	TCP TYPICAL SECTION PHASE 2	194 - 195	SR		
51 - 60	TRAFFIC CONTROL PLAN PHASE 2	196	BRIDGE		
61	SHEET OMITTED	197	LITTLE MUSTANG CREEK BRIDGE - BRIDGE LAYOUT		
		198	LITTLE MUSTANG CREEK BRIDGE - TYPICAL SECTIONS		
61A	ARCS(1)-15	199 - 200	SHEET OMITTED		
62 - 73	BC(1)-14 THRU BC(12)-14	200A	LITTLE MUSTANG CREEK BRIDGE - BORE LOGS		
73A - 73B	CSB(1)-10	201	LITTLE MUSTANG CREEK BRIDGE - CATTLE GUARD		
74	TREATMENT FOR VARIOUS EDGE CONDITIONS	202	LITTLE MUSTANG CREEK BRIDGE - ESTIMATED QUANTITIES & BEARING SEAT ELEVATIONS		
75 - 76	LP(1)-13	203 - 212	SHEETS OMITTED		
77	TP(1)-11-18, TCP(1)-11-18	213	SOUTH FORK MUSTANG CREEK - BRIDGE LAYOUT		
77A - 77B	TP(1)-11-18, TCP(1)-11-18	214 - 215	SOUTH FORK MUSTANG CREEK - BORE LOGS		
78 - 81, 81A	TP(1)-11-18 THRU TP(12)-11-18, TCP(12)-11-18 & TCP(12)-11-18	216 - 218	SOUTH FORK MUSTANG CREEK - ESTIMATED QUANTITIES		
82 - 83	TP(1)-11-13, TCP(1)-11-13	219	SOUTH FORK MUSTANG CREEK - ABUTMENT DETAILS		
84	SL(1)-14	220	SOUTH FORK MUSTANG CREEK - BENT DETAILS		
84A	SL(1)-14	221 - 222	SOUTH FORK MUSTANG CREEK - SLAB DETAILS		
85	WZ(1)-13	223	PS(1)-10		
86	WZ(1)-13	224	SOUTH FORK MUSTANG CREEK - SCOUR DATA SHEET		
87	WZ(1)-13	225	BRIDGE CLASS CULVERT LAYOUT STA 195+18		
87A	WZ(1)-13		STANDARDS (BRIDGE)		
88	CONTROL LAYOUT MAP	225A - 225C	A(1)-44-30		
89 - 98	REMOVAL PLANS	226	AJ		
99 - 101	HORIZONTAL & VERTICAL CONTROL DATA	227	B(1)-3		
102	CR 101 ROADWAY PLAN & PROFILE	228	B(1)-3		
103	CR 101 ROADWAY PLAN & PROFILE	229 - 232	C(1)-3		
104	CR 101 ROADWAY PLAN & PROFILE	233	C(1)-3		
105	CR 101 ROADWAY PLAN & PROFILE	234	C(1)-3		
106	CR 101 ROADWAY PLAN & PROFILE	235 - 236	C(1)-3		
107	CR 101 ROADWAY PLAN & PROFILE	237	C(1)-3		
108	CR 101 ROADWAY PLAN & PROFILE	238	C(1)-3		
109	CR 101 ROADWAY PLAN & PROFILE	239	C(1)-3		
110	CR 101 ROADWAY PLAN & PROFILE	240 - 242	C(1)-3		
111	CR 101 ROADWAY PLAN & PROFILE	243 - 244	C(1)-3		
112	CR 101 ROADWAY PLAN & PROFILE	245 - 246	C(1)-3		
113	CR 101 ROADWAY PLAN & PROFILE	247	C(1)-3		
114	CR 101 ROADWAY PLAN & PROFILE	248 - 249	C(1)-3		
115	CR 101 ROADWAY PLAN & PROFILE	250	C(1)-3		
116	CR 101 ROADWAY PLAN & PROFILE	251	C(1)-3		
117	CR 101 ROADWAY PLAN & PROFILE	252	C(1)-3		
118	CR 101 ROADWAY PLAN & PROFILE	253	C(1)-3		
119	CR 101 ROADWAY PLAN & PROFILE	254	C(1)-3		
120	CR 101 ROADWAY PLAN & PROFILE	255	C(1)-3		
121	CR 101 ROADWAY PLAN & PROFILE	256	C(1)-3		
122	CR 101 ROADWAY PLAN & PROFILE	257	C(1)-3		
123	CR 101 ROADWAY PLAN & PROFILE	258	C(1)-3		
124	CR 101 ROADWAY PLAN & PROFILE	259	C(1)-3		
125 - 129	INTERSECTION LAYOUT				
130 - 132	UNDERDRAIN PLAN & PROFILE				
133 - 134	DRIVEWAY AND INTERSECTION DETAILS				
	STANDARDS (ROADWAY)				
134A	CR 101 ROADWAY PLAN & PROFILE	265A - 265C	A(1)-44-30		
135	CR 101 ROADWAY PLAN & PROFILE	266	AJ		
136	CR 101 ROADWAY PLAN & PROFILE	267	B(1)-3		
137	CR 101 ROADWAY PLAN & PROFILE	268	B(1)-3		
138	CR 101 ROADWAY PLAN & PROFILE	269	C(1)-3		
139	CR 101 ROADWAY PLAN & PROFILE	270	C(1)-3		
140 - 142	CR 101 ROADWAY PLAN & PROFILE	271	C(1)-3		
143 - 146	CR 101 ROADWAY PLAN & PROFILE	272	C(1)-3		
146A	CR 101 ROADWAY PLAN & PROFILE	273	C(1)-3		
146B	CR 101 ROADWAY PLAN & PROFILE	274	C(1)-3		
146C	CR 101 ROADWAY PLAN & PROFILE	275	C(1)-3		
147	CR 101 ROADWAY PLAN & PROFILE	276	C(1)-3		
148	CR 101 ROADWAY PLAN & PROFILE	277	C(1)-3		

CHANGE ORDER NO. - 019



THE STANDARD SHEETS SPECIFICALLY IDENTIFIED HERE HAVE BEEN SELECTED BY ME OR UNDER MY RESPONSIBLE SUPERVISION AS BEING APPLICABLE TO THIS PROJECT.

Wesley J. Jester, P.E.
5/28/2021 DATE



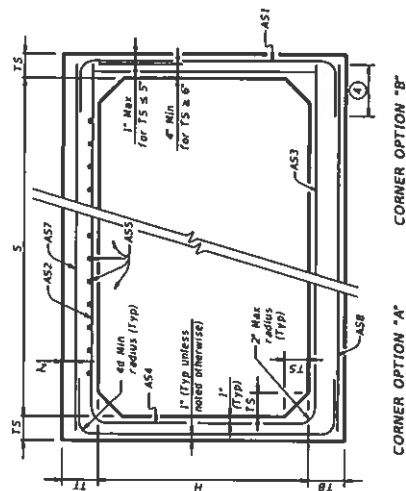
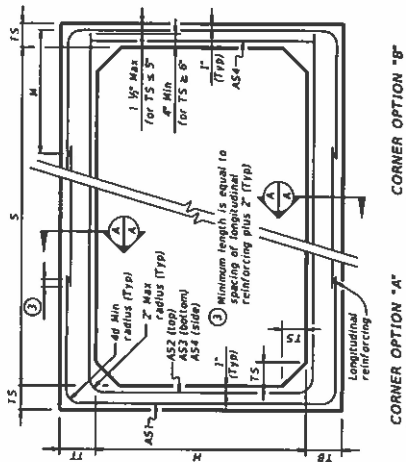
INDEX OF SHEETS	
SHEET 1 OF 1	CR 101
PROJECT NO.	CR 101
DATE	5/28/2021
STATE	TEXAS
COUNTY	AUSTIN
PROJECT NO.	CR 101
DATE	5/28/2021

RIGHT DITCH (CONT.)

Station	Ditch Elev.	Long. Slope	Manning's Coeff.	Ditch Depth (ft)	Flow Depth (ft)	Flow Vel. (ft/s)	Freeboard to Top (ft)
170+00.00	637.73	2.44%	0.035	2.44	0.70	4.21	1.85
171+00.00	638.39	2.44%	0.035	2.44	0.70	4.21	1.85
172+00.00	639.05	2.44%	0.035	2.44	0.70	4.21	1.85
173+00.00	639.71	2.44%	0.035	2.44	0.70	4.21	1.85
174+00.00	640.37	2.44%	0.035	2.44	0.70	4.21	1.85
175+00.00	641.03	2.44%	0.035	2.44	0.70	4.21	1.85
176+00.00	641.69	2.44%	0.035	2.44	0.70	4.21	1.85
177+00.00	642.35	2.44%	0.035	2.44	0.70	4.21	1.85
178+00.00	643.01	2.44%	0.035	2.44	0.70	4.21	1.85
179+00.00	643.67	2.44%	0.035	2.44	0.70	4.21	1.85
180+00.00	644.33	2.44%	0.035	2.44	0.70	4.21	1.85
181+00.00	644.99	2.44%	0.035	2.44	0.70	4.21	1.85
182+00.00	645.65	2.44%	0.035	2.44	0.70	4.21	1.85
183+00.00	646.31	2.44%	0.035	2.44	0.70	4.21	1.85
184+00.00	646.97	2.44%	0.035	2.44	0.70	4.21	1.85
185+00.00	647.63	2.44%	0.035	2.44	0.70	4.21	1.85
186+00.00	648.29	2.44%	0.035	2.44	0.70	4.21	1.85
187+00.00	648.95	2.44%	0.035	2.44	0.70	4.21	1.85
188+00.00	649.61	2.44%	0.035	2.44	0.70	4.21	1.85
189+00.00	650.27	2.44%	0.035	2.44	0.70	4.21	1.85
190+00.00	650.93	2.44%	0.035	2.44	0.70	4.21	1.85
191+00.00	651.59	2.44%	0.035	2.44	0.70	4.21	1.85
192+00.00	652.25	2.44%	0.035	2.44	0.70	4.21	1.85
193+00.00	652.91	2.44%	0.035	2.44	0.70	4.21	1.85
194+00.00	653.57	2.44%	0.035	2.44	0.70	4.21	1.85
195+00.00	654.23	2.44%	0.035	2.44	0.70	4.21	1.85
196+00.00	654.89	2.44%	0.035	2.44	0.70	4.21	1.85
197+00.00	655.55	2.44%	0.035	2.44	0.70	4.21	1.85
198+00.00	656.21	2.44%	0.035	2.44	0.70	4.21	1.85
199+00.00	656.87	2.44%	0.035	2.44	0.70	4.21	1.85
200+00.00	657.53	2.44%	0.035	2.44	0.70	4.21	1.85
201+00.00	658.19	2.44%	0.035	2.44	0.70	4.21	1.85
202+00.00	658.85	2.44%	0.035	2.44	0.70	4.21	1.85
203+00.00	659.51	2.44%	0.035	2.44	0.70	4.21	1.85
204+00.00	660.17	2.44%	0.035	2.44	0.70	4.21	1.85
205+00.00	660.83	2.44%	0.035	2.44	0.70	4.21	1.85
206+00.00	661.49	2.44%	0.035	2.44	0.70	4.21	1.85
207+00.00	662.15	2.44%	0.035	2.44	0.70	4.21	1.85
208+00.00	662.81	2.44%	0.035	2.44	0.70	4.21	1.85
209+00.00	663.47	2.44%	0.035	2.44	0.70	4.21	1.85
210+00.00	664.13	2.44%	0.035	2.44	0.70	4.21	1.85
211+00.00	664.79	2.44%	0.035	2.44	0.70	4.21	1.85
212+00.00	665.45	2.44%	0.035	2.44	0.70	4.21	1.85
213+00.00	666.11	2.44%	0.035	2.44	0.70	4.21	1.85
214+00.00	666.77	2.44%	0.035	2.44	0.70	4.21	1.85
215+00.00	667.43	2.44%	0.035	2.44	0.70	4.21	1.85
216+00.00	668.09	2.44%	0.035	2.44	0.70	4.21	1.85
217+00.00	668.75	2.44%	0.035	2.44	0.70	4.21	1.85
218+00.00	669.41	2.44%	0.035	2.44	0.70	4.21	1.85
219+00.00	670.07	2.44%	0.035	2.44	0.70	4.21	1.85
220+00.00	670.73	2.44%	0.035	2.44	0.70	4.21	1.85
221+00.00	671.39	2.44%	0.035	2.44	0.70	4.21	1.85
222+00.00	672.05	2.44%	0.035	2.44	0.70	4.21	1.85
223+00.00	672.71	2.44%	0.035	2.44	0.70	4.21	1.85
224+00.00	673.37	2.44%	0.035	2.44	0.70	4.21	1.85
225+00.00	674.03	2.44%	0.035	2.44	0.70	4.21	1.85
226+00.00	674.69	2.44%	0.035	2.44	0.70	4.21	1.85
227+00.00	675.35	2.44%	0.035	2.44	0.70	4.21	1.85
228+00.00	676.01	2.44%	0.035	2.44	0.70	4.21	1.85
229+00.00	676.67	2.44%	0.035	2.44	0.70	4.21	1.85
230+00.00	677.33	2.44%	0.035	2.44	0.70	4.21	1.85
231+00.00	677.99	2.44%	0.035	2.44	0.70	4.21	1.85
232+00.00	678.65	2.44%	0.035	2.44	0.70	4.21	1.85
233+00.00	679.31	2.44%	0.035	2.44	0.70	4.21	1.85
234+00.00	679.97	2.44%	0.035	2.44	0.70	4.21	1.85
235+00.00	680.63	2.44%	0.035	2.44	0.70	4.21	1.85
236+00.00	681.29	2.44%	0.035	2.44	0.70	4.21	1.85
237+00.00	681.95	2.44%	0.035	2.44	0.70	4.21	1.85
238+00.00	682.61	2.44%	0.035	2.44	0.70	4.21	1.85
239+00.00	683.27	2.44%	0.035	2.44	0.70	4.21	1.85
240+00.00	683.93	2.44%	0.035	2.44	0.70	4.21	1.85
241+00.00	684.59	2.44%	0.035	2.44	0.70	4.21	1.85
242+00.00	685.25	2.44%	0.035	2.44	0.70	4.21	1.85
243+00.00	685.91	2.44%	0.035	2.44	0.70	4.21	1.85
244+00.00	686.57	2.44%	0.035	2.44	0.70	4.21	1.85
245+00.00	687.23	2.44%	0.035	2.44	0.70	4.21	1.85
246+00.00	687.89	2.44%	0.035	2.44	0.70	4.21	1.85
247+00.00	688.55	2.44%	0.035	2.44	0.70	4.21	1.85
248+00.00	689.21	2.44%	0.035	2.44	0.70	4.21	1.85
249+00.00	689.87	2.44%	0.035	2.44	0.70	4.21	1.85
250+00.00	690.53	2.44%	0.035	2.44	0.70	4.21	1.85
251+00.00	691.19	2.44%	0.035	2.44	0.70	4.21	1.85
252+00.00	691.85	2.44%	0.035	2.44	0.70	4.21	1.85
253+00.00	692.51	2.44%	0.035	2.44	0.70	4.21	1.85
254+00.00	693.17	2.44%	0.035	2.44	0.70	4.21	1.85
255+00.00	693.83	2.44%	0.035	2.44	0.70	4.21	1.85
256+00.00	694.49	2.44%	0.035	2.44	0.70	4.21	1.85
257+00.00	695.15	2.44%	0.035	2.44	0.70	4.21	1.85
258+00.00	695.81	2.44%	0.035	2.44	0.70	4.21	1.85
259+00.00	696.47	2.44%	0.035	2.44	0.70	4.21	1.85
260+00.00	697.13	2.44%	0.035	2.44	0.70	4.21	1.85
261+00.00	697.79	2.44%	0.035	2.44	0.70	4.21	1.85
262+00.00	698.45	2.44%	0.035	2.44	0.70	4.21	1.85
263+00.00	699.11	2.44%	0.035	2.44	0.70	4.21	1.85
264+00.00	699.77	2.44%	0.035	2.44	0.70	4.21	1.85
265+00.00	700.43	2.44%	0.035	2.44	0.70	4.21	1.85
266+00.00	701.09	2.44%	0.035	2.44	0.70	4.21	1.85
267+00.00	701.75	2.44%	0.035	2.44	0.70	4.21	1.85
268+00.00	702.41	2.44%	0.035	2.44	0.70	4.21	1.85
269+00.00	703.07	2.44%	0.035	2.44	0.70	4.21	1.85
270+00.00	703.73	2.44%	0.035	2.44	0.70	4.21	1.85
271+00.00	704.39	2.44%	0.035	2.44	0.70	4.21	1.85
272+00.00	705.05	2.44%	0.035	2.44	0.70	4.21	1.85
273+00.00	705.71	2.44%	0.035	2.44	0.70	4.21	1.85
274+00.00	706.37	2.44%	0.035	2.44	0.70	4.21	1.85
275+00.00	707.03	2.44%	0.035	2.44	0.70	4.21	1.85
276+00.00	707.69	2.44%	0.035	2.44	0.70	4.21	1.85
277+00.00	708.35	2.44%	0.035	2.44	0.70	4.21	1.85
278+00.00	709.01	2.44%	0.035	2.44	0.70	4.21	1.85
279+00.00	709.67	2.44%	0.035	2.44	0.70	4.21	1.85
280+00.00	710.33	2.44%	0.035	2.44	0.70	4.21	1.85
281+00.00	710.99	2.44%	0.035	2.44	0.70	4.21	1.85
282+00.00	711.65	2.44%	0.035	2.44	0.70	4.21	1.85
283+00.00	712.31	2.44%	0.035	2.44	0.70	4.21	1.85
284+00.00	712.97	2.44%	0.035	2.44	0.70	4.21	1.85
285+00.00	713.63	2.44%	0.035	2.44	0.70	4.21	1.85
286+00.00	714.29	2.44%	0.035	2.44	0.70	4.21	1.85
287+00.00	714.95	2.44%	0.035	2.44	0.70	4.21	1.85
288+00.00	715.61	2.44%	0.035	2.44	0.70	4.21	1.85
289+00.00	716.27	2.44%	0.035	2.44	0.70	4.21	1.85
290+00.00	716.93	2.44%	0.035	2.44	0.70	4.21	1.85
291+00.00	717.59	2.44%	0.035	2.44	0.70	4.21	1.85
292+00.00	718.25	2.44%	0.035	2.44	0.70	4.21	1.85
293+00.00	718.91	2.44%	0.035	2.44	0.70	4.21	1.85
294+00.00	719.57	2.44%	0.035	2.44	0.70	4.21	1.85
295+00.00	720.23	2.44%	0.035	2.44	0.70	4.21	1.85
296+00.00	720.89	2.44%	0.035	2.44	0.70	4.21	1.85
297+00.00	721.55	2.44%	0.035	2.44	0.70	4.21	1.85
298+00.00	722.21	2.44%	0.035	2.44	0.70	4.21	1.85
299+00.00	722.87	2.44%	0.035	2.44	0.70	4.21	1.85
300+00.00	723.53	2.44%	0.035	2.44	0.70	4.21	1.85
301+00.00	724.19	2.44%	0.035	2.44	0.70	4.21	1.85
302+00.00	724.85	2.44%	0.035	2.44	0.70	4.21	1.85
303+00.00	725.51	2.44%	0.035	2.44	0.70	4.21	1.85
304+00.00	726.17	2.44%	0.035	2.44	0.70	4.21	1.85
305+00.00	726.83	2.44%	0.035	2.44	0.70	4.21	1.85
306+00.00	727.49	2.44%	0.035	2.44	0.70	4.21	1.85
307+00.00	728.15	2.44%	0.035	2.44	0.70	4.21	1.85
308+00.00	728.81	2.44%	0.035	2.44	0.70	4.21	1.85
309+00.00	729.47	2.44%	0.035	2.44	0.70	4.21	1.85
310+00.00	730.13	2.44%	0.035	2.44	0.70	4.21	1.85
311+00.00	730.79	2.44%	0.035	2.44	0.70	4.21	1.85
312+00.00	731.45	2.44%	0.035	2.44	0.70	4.21	1.85
313+00.00	732.11	2.44%	0.035				

BOX DATA

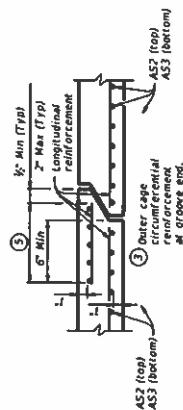
SECTION DIMENSIONS					FIN HEIGHT (mm)	M (mm)	REINFORCING (sq. in. / ft.)								① LIFT WEIGHT (tonnes)
S	H	TT	TB	TS			AS1	AS2	AS3	AS4	AS5	AS6	AS7	AS8	
(ft.)	(ft.)	(in.)	(in.)	(in.)	(in.)	(in.)	(in.)	(in.)	(in.)	(in.)	(in.)	(in.)	(in.)		
4	2	7.5	6	5	< 2	0.18	0.27	0.15	0.12	0.18	0.18	0.18	0.14		
4	2	5	5	5	2 < 3	0.18	0.19	0.17	0.12	-	-	-	3.6		
4	2	5	5	5	3 - 5	0.13	0.13	0.13	0.12	-	-	-	3.6		
4	2	5	5	5	10	0.38	0.12	0.12	0.12	0.12	-	-	3.6		
4	2	5	5	5	15	0.14	0.16	0.16	0.12	-	-	-	3.6		
4	2	5	5	5	20	0.38	0.18	0.20	0.21	0.12	-	-	3.6		
4	2	5	5	5	38	0.23	0.25	0.25	0.12	-	-	-	3.6		
4	2	5	5	5	30	0.28	0.30	0.30	0.12	-	-	-	3.6		
4	3	7.5	6	5	< 2	0.18	0.31	0.18	0.12	0.18	0.18	0.14	5.0		
4	3	5	5	5	2 < 3	0.15	0.23	0.20	0.12	-	-	-	4.1		
4	3	5	5	5	3 - 5	0.12	0.16	0.16	0.12	-	-	-	4.1		
4	3	5	5	5	10	0.38	0.12	0.14	0.14	0.12	-	-	4.1		
4	3	5	5	5	15	0.38	0.12	0.18	0.18	0.12	-	-	4.1		
4	3	5	5	5	20	0.38	0.14	0.23	0.24	0.12	-	-	4.1		
4	3	5	5	5	25	0.17	0.29	0.29	0.12	-	-	-	4.1		
4	3	5	5	5	30	0.21	0.35	0.35	0.12	-	-	-	4.1		
4	4	7.5	6	5	< 2	0.18	0.33	0.20	0.12	0.18	0.18	0.14	5.5		
4	4	5	5	5	2 < 3	0.12	0.26	0.23	0.12	-	-	-	4.6		
4	4	5	5	5	3 - 5	0.12	0.18	0.18	0.12	-	-	-	4.6		
4	4	5	5	5	10	0.38	0.12	0.13	0.15	0.12	-	-	4.6		
4	4	5	5	5	15	0.38	0.12	0.19	0.20	0.12	-	-	4.6		
4	4	5	5	5	20	0.38	0.12	0.25	0.25	0.12	-	-	4.6		
4	4	5	5	5	25	0.38	0.14	0.31	0.31	0.12	-	-	4.6		
4	4	5	5	5	30	0.17	0.37	0.37	0.12	-	-	-	4.6		



FILL HEIGHT 2 FT AND GREATER

FILL HEIGHT LESS THAN 2 FT

④ Length is equal to spacing of longitudinal reinforcing plus 2^{nd} (10^{th} Min) (Type)



SECTION A-A

— ¿Por qué no se lo dice a su hijo?

MATERIAL NOTES:

Provide Class H concrete (f'c = 5,000 psi).
minimum longitudinal reinforcement
at each face in slabs and walls. This minimum requirement
may be met by the transverse wires when wire mesh
reinforcement is used.

GENERAL NOTES:

GENERAL NOTES:
 Designs shown conform to ASTM C1577. Refer to ASTM C1577 for information or details not shown.
 See Box Culverts Precast Miscellaneous Details (SCP-MD) standard sheet for details and notes not shown.

In lieu of furnishing the designs shown on this sheet, the Contractor may furnish an alternate design that is equal to or exceeds the box design for the design fill height in the table. Submit shop plans for alternate designs in accordance with Item 309 Concrete Structural Members (Substructural Members).

HL93 LOADING

Texas Department of Transportation
Bridge Division Standard

**SINGLE BOX CULVERTS
PRECAST
4'-0" SPAN**

SCP-4

[illegible]

CHANGE ORDER NO. - NEW SHEET

① For any length $n \geq 1$

② AS1 thru AS4, AS7 and AS8 are minimum required areas of reinforcement per linear foot of box length. AS5 is minimum required area of reinforcement per linear foot of box width.

TEXAS CORRUGATORS Quotation

P.O. Box 938
Round Rock, TX 78680
(512)388-0588
(512)388-0417 Fax
www.txcorr.com

Grates
Sign Posts
Geotextiles
Bridge Railing
Metal Fabrication
Safety Pipe Runners
Corrugated Steel Pipe
Cast Iron Rings & Covers
Metal Beam Guard Fence

JAMES CONSTRUCTION

WILLIAMSON CR 101

PROJECT

ATTN: ALEX

QUANTITY	DESCRIPTION	UNIT PRICE
<u>SAFETY PIPE RUNNERS ONLY</u>		
2 EA	SET (TY I) (2 - 4' X 2') (SETB-PD) (6:1)	2162.00 EA

NOTE: PRICE BASED ON 1' CURB HEIGHT

TERMS OF PAYMENT: NET 30 DAYS
PRICES VALID FOR 30 DAYS
SALES TAX NOT INCLUDED

Subject to being awarded the contract, we accept your proposal
to furnish the job requirements at the unit prices quoted above

Company Name _____

Print Name _____

Signature _____ Date _____

DELIVERY: 4-5 WEEKS
F.O.B. POINT: JOBSITE - TRUCKS

PRICES INCLUDE FREIGHT FOR 1 LOAD
DELIVERED TO JOBSITE. ADDITIONAL
LOADS DUE TO CUSTOMER REQUESTING
LESS THAN TRUCKLOAD QUANTITIES WILL
BE CHARGED AT \$100.00 PER LOAD.

Respectfully submitted,
TEXAS CORRUGATORS-AUSTIN DIVISION, INC

BY COLYN MOORE Date: 7/7/21

Alexander Krejchi

From: Jonathan Romo <jromo@barnsco.com>
Sent: Wednesday, July 21, 2021 9:36 AM
To: Alexander Krejchi
Subject: RE: CR101 - Additional Steel Request

Follow Up Flag: Follow up
Flag Status: Flagged

EXTERNAL EMAIL

My apologies Alex, we got our wires crossed here.

Okay so I got the price of .65/lb for this change order.

Let me know if you need anything else.

Thanks,



Jonathan Romo
Project Manager/Detailer
Barnsco Texas

972-643-1140
jromo@barnsco.com
Barnsco.com
2609 Willowbrook Road
Dallas, Texas 75220

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From: Alexander Krejchi <akrejchi@prim.com>
Sent: Wednesday, July 21, 2021 8:29 AM
To: Jonathan Romo <jromo@barnsco.com>
Subject: RE: CR101 - Additional Steel Request

Morning Jonathan,

Just wanted to follow up on the pricing for this added SET.

Thanks,

Alexander Krejchi
Project Engineer
James Construction
PH: 254-718-4392

Alexander Krejchi

From: Paul Thorburn <Paul.Thorburn@forterrabp.com>
Sent: Wednesday, June 9, 2021 10:59 AM
To: Alexander Krejchi
Subject: RE: CR101 Added 4x2 box culvert

EXTERNAL EMAIL

60'- 4x2 RCB- \$205 LF

Can you provide plans so that we can draft a lay schedule please.

Thanks,



Paul Thorburn
Sales Manager

801 Airport Blvd
Austin, TX 78702
T 512.385.3950 C 512.913.2946
Paul.Thorburn@forterrabp.com



From: Alexander Krejchi [mailto:akrejchi@prim.com]
Sent: Wednesday, June 9, 2021 8:31 AM
To: Paul Thorburn <Paul.Thorburn@forterrabp.com>
Subject: CR101 Added 4x2 box culvert

WARNING: This email originated from outside of the organization. Please use **CAUTION** when opening attachments or clicking links.

Paul,

We just received a change order from Williamson County requesting 60LF of 4x2 box culvert be added to the CR101 Project in Williamson County. Can you provide a price, F.O.B. Jobsite for that box culvert?

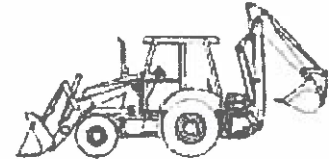
Thanks,

Alexander Krejchi
Project Engineer
James Construction
PH: 254-718-4392
www.prim.com

Rental Rate Blue Book®

June 2, 2021

Caterpillar 420FIT (disc. 2015)
Tractor-Loader-Backhoes

Size Class:
14' to Under 15'
Weight:
N/A

Configuration for 420FIT (disc. 2015)

Operator Protection

ROPS/FOPS

Power Mode

Diesel

Blue Book Rates

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

	Ownership Costs				Estimated Operating Costs	FHWA Rate**
	Monthly	Weekly	Daily	Hourly	Hourly	Hourly
Published Rates	USD \$4,250.00	USD \$1,190.00	USD \$300.00	USD \$45.00	USD \$22.32	USD \$46.47
Adjustments						
Region (Houston, Texas: 91.5%)	(USD \$361.25)	(USD \$101.15)	(USD \$25.50)	(USD \$3.83)		
Model Year (2015: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	USD \$3,888.75	USD \$1,088.85	USD \$274.50	USD \$41.17	USD \$22.32	USD \$44.42

Non-Active Use Rates

Hourly

Standby Rate

USD \$11.27

Idling Rate

USD \$31.24

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	38%	USD \$1,615.00/mo
Overhaul (ownership)	49%	USD \$2,082.50/mo
CFC (ownership)	4%	USD \$170.00/mo
Indirect (ownership)	9%	USD \$382.50/mo
Fuel (operating) @ USD 2.53	41%	USD \$9.14/hr

Revised Date: 1st half 2021

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 KAYLA WILLIAMS
(kwilliams@prim.com)

Rental Rate Blue Book®

June 4, 2021

Ford F-250

On-Highway Light Duty Trucks

Size Class:

300 HP & Over

Weight:

N/A


Configuration for F-250

Axle Configuration	4.0 X 4.0	Cab Type	Crew
Horsepower	385.0 hp	Power Mode	Gasoline
Ton Rating	3.0 / 4.0		

Blue Book Rates

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

	Ownership Costs				Estimated Operating Costs	FHWA Rate**
	Monthly	Weekly	Daily	Hourly	Hourly	Hourly
Published Rates	USD \$990.00	USD \$280.00	USD \$70.00	USD \$11.00	USD \$19.51	USD \$25.14
Adjustments						
Region (Houston, Texas: 93.2%)	(USD \$67.32)	(USD \$19.04)	(USD \$4.76)	(USD \$0.75)		
Model Year (2013: 96.5%)	(USD \$32.29)	(USD \$9.13)	(USD \$2.28)	(USD \$0.36)		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	USD \$890.39	USD \$251.83	USD \$62.96	USD \$9.89	USD \$19.51	USD \$24.57

Non-Active Use Rates

	Hourly
Standby Rate	USD \$3.59
Idling Rate	USD \$20.35

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	57%	USD \$564.30/mo
Overhaul (ownership)	29%	USD \$287.10/mo
CFC (ownership)	3%	USD \$29.70/mo
Indirect (ownership)	11%	USD \$108.90/mo
Fuel (operating) @ USD 2.09	78%	USD \$15.29/hr

Revised Date: 1st half 2021

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 KAYLA WILLIAMS
(kwilliams@prim.com)

Rental Rate Blue Book®

June 2, 2021

Caterpillar 336F L (disc. 2019)
Crawler Mounted Hydraulic Excavators

Size Class:
33.1 - 40.0 MTons
Weight:
N/A

Configuration for 336F L (disc. 2019)

Bucket Capacity **3.2 cu yd**
Operating Weight **88400 lbs**

Horsepower
Power Mode

303 hp
Diesel
Blue Book Rates

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

	Ownership Costs				Estimated Operating Costs	FHWA Rate**
	Monthly	Weekly	Daily	Hourly	Hourly	Hourly
Published Rates	USD \$11,760.00	USD \$3,295.00	USD \$825.00	USD \$125.00	USD \$72.20	USD \$139.02
Adjustments						
Region (Houston, Texas: 92.7%)	(USD \$858.48)	(USD \$240.54)	(USD \$60.22)	(USD \$9.13)		
Model Year (2016: 99.9%)	(USD \$10.91)	(USD \$3.06)	(USD \$0.77)	(USD \$0.12)		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)						
Total:	USD \$10,890.61	USD \$3,051.41	USD \$764.01	USD \$115.76	USD \$72.20	USD \$134.08

Non-Active Use Rates

Standby Rate
Idling Rate

Hourly

USD \$32.18
USD \$94.03

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	42%	USD \$4,939.20/mo
Overhaul (ownership)	48%	USD \$5,644.80/mo
CFC (ownership)	3%	USD \$352.80/mo
Indirect (ownership)	7%	USD \$823.20/mo
Fuel (operating) @ USD 2.53	45%	USD \$32.15/hr

Revised Date: 1st half 2021

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 KAYLA WILLIAMS
(kwilliams@prim.com)

Rental Rate Blue Book®

June 2, 2021

Caterpillar 938M

4-Wd Articulated Wheel Loaders

Size Class:
175 - 199 HP
Weight:
N/A


Configuration for 938M

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	FHWA Rate** Hourly
	Monthly	Weekly	Daily	Hourly		
Published Rates	USD \$6,885.00	USD \$1,930.00	USD \$485.00	USD \$73.00	USD \$32.04	USD \$71.16
Adjustments						
Region (Houston, Texas: 91.5%)	(USD \$585.22)	(USD \$164.05)	(USD \$41.22)	(USD \$6.20)		
Model Year (2015: 99.2%)	(USD \$50.40)	(USD \$14.13)	(USD \$3.55)	(USD \$0.53)		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	USD \$6,249.38	USD \$1,751.82	USD \$440.22	USD \$66.26	USD \$32.04	USD \$67.55

Non-Active Use Rates

Hourly

Standby Rate

USD \$21.66

Idling Rate

USD \$49.17

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	47%	USD \$3,235.95/mo
Overhaul (ownership)	39%	USD \$2,685.15/mo
CFC (ownership)	4%	USD \$275.40/mo
Indirect (ownership)	10%	USD \$688.50/mo
Fuel (operating) @ USD 2.53	43%	USD \$13.66/hr

Revised Date: 1st half 2021

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 KAYLA WILLIAMS
(kwilliams@prim.com)

INVOICE**Date:** 1/28/2022**Invoice #** 10783-11**Bill To:**

Eddie Chruch
HNTB Corporation
101 E. Old Settlers Blvd, Suite 100
Round Rock, TX 78664

RE:

Williamson
CR 101
Project No.: 2138
Control No.: 2138

Qty	UM	Description	Unit Price	Total
1.00	LS	Relocate 24in Bore across CR368 - Per Jonah Water Revision	\$5,910.82	\$5,910.82
			Total	\$5,910.82

James Construction Group, LLC

Contractor's Basis of Estimate

Date: 1/28/2022
CO Pricing Good For: 45 Days (unless noted otherwise elsewhere)

Project: CR101
Control: 2138

County: Williamson
Highway: CR101

Description:

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

Estimated Qty: 1.00 LS
Estimated Change in Contract Sum: \$ 5,910.82
Estimated Change in Contract Time:

Narrative: PSC received revised plan sheets shifting the 24" Bore across CR368 to a new alignment from Jonah on November 15th, 2021. An email was sent requesting the opportunity to price this work because PSC believes this is a change in scope. No agreement was made. Due to the critical nature of the work to gain access to the last section of roadway needed to complete the project, PSC proceeded with the work.

PSC is requesting reimbursement for the cost associated with contracting Sexton to complete the relocation of the bore and reinstallation of the pipe and 1 day of flagging to facilitate safe access while the bore is relocated

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

<u>Labor</u>	<u>Reg Hrs</u>	<u>OT Hrs</u>	<u>UM</u>	<u>Reg Rate</u>	<u>OT Rate (x1.5)</u>	<u>Extended</u>
John Furnace	8.00	2.00	HR	\$ 19.00	\$ 28.50	\$ 209.00
John Ethan Furnace	8.00	2.00	HR	\$ 15.00	\$ 22.50	\$ 165.00
Subtotal						\$ 209.00
15% Markup						\$ 31.35
55% Burdens						\$ 114.95
Total Labor						\$ 355.30

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

<u>Subcontractors</u>	<u>QTY</u>	<u>UM</u>	<u>Price</u>	<u>Extended</u>
Sexton Proposal - Move 16" Line - 11/17/2021	1.00	LS	\$ 4,780.00	\$ 4,780.00
Subtotal				\$ 4,780.00
15% Markup				\$ 717.00
Total Subcontract				\$ 5,497.00

<u>Material</u>	<u>QTY</u>	<u>UM</u>	<u>Price</u>	<u>Extended</u>
Subtotal				\$0.00
15% Markup				\$ -
Total Material				\$ -

<u>Additional Work Items</u>	<u>QTY</u>	<u>Units</u>	<u>Price</u>	<u>Extended</u>
		OOL	\$ -	\$ -
Total				\$ -

TOTAL OF WORK PERFORMED \$ 5,852.30

BOND FEE (ADD 1%) \$ 58.52

TOTAL COST \$ 5,910.82

UNIT PRICE (TOTAL COST/EST. QTY) \$ 5,910.82

Sexton, Inc.

2472 Washburn Rd.
Luling, TX 78648

Melba Sexton, President
sextoninc@outlook.com
(830) 743-1518

John Sexton, Vice-President
sextoninc@live.com
(830) 743-1516

BID PROPOSAL

DATE: 11/17/2021

Sexton, Inc. proposes the following bid of \$ \$ 4,780.00
Bid Prepared for: James Construction (Jonah Water)

Scope: Moving 16" Line over for Tie In

James Construction will be responsible for Traffic Control & for contacting the Electric Company to watch over the telephone pole

Any significant changes to scope will be negotiated prior to commencement of work.

This bid expires 11/19/2021 @ 5:00 PM.

Signature: Acceptance of Bid

Date

Billing Information: _____

Applicable Sales Tax is not included.

Alexander Krejchi

From: Clayton Weber <cweber@HNTB.com>
Sent: Friday, December 10, 2021 1:49 PM
To: Kyle McCoy
Cc: Paul Hering; Alexander Krejchi; 62811_2138_CR101; Oscar Salazar-Bueno
Subject: Re: Jonah Waterline Corrections

EXTERNAL EMAIL

Great thanks

Sent from my iPhone

On Dec 10, 2021, at 1:36 PM, Kyle McCoy <klmccoy@hntb.com> wrote:

I wanted to let everyone know that the bac T passed. Everything should be lined up to make the tie-in on Tuesday.

On Dec 9, 2021, at 3:10 PM, Kyle McCoy <klmccoy@hntb.com> wrote:

Paul,

HNTB has received your email concerning the relocation of the 24" encasement and you will be contacted at a later date to discuss this issue.

As for the testing, Sexton pulled 2 bac T samples for the 16" waterline at the CR 368 intersection today and they were transported to the lab for testing. Jonah's inspector was present to assist with the sampling. At this point everyone is preparing to make the switch next Tuesday (December 14th) if the bac T passes. The results for the bac T test should be back sometime after lunch tomorrow.

The Jonah inspector was present and the 4" waterline was pressure tested and that test passed.

Regards,

Kyle McCoy

Senior Inspector

Tel (512) 744-9082 Cell (512) 677-1861 Email klmccoy@hntb.com

Williamson County Road Bond Program

HNTB CORPORATION

101 E. Old Settlers Blvd., Suite 100 | Round Rock, Texas 78664 | hntb.com

<image002.gif>

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From: Paul Hering <phering@prim.com>
Sent: Wednesday, December 8, 2021 12:27 PM
To: Kyle McCoy <klmccoy@HNTB.com>; Alexander Krejchi <akrejchi@prim.com>
Cc: 62811_2138_CR101 <62811_2138_CR101@HNTB.com>; Clayton Weber <cweber@HNTB.com>; Oscar Salazar-Bueno <osalazarbueno@HNTB.com>
Subject: RE: Jonah Waterline Corrections

Kyle,

The 24" encasement was placed per plan. JCG has relocated the encasement and line in order to continue progress on the project to the new proposed location. JCG is not responsible for the incurred cost in any form, and will need to be reimbursed for this additional work.

Furthermore, Sexton has been ready for pressure testing since 11:00 AM yesterday. Inspection of the proposed tie-ins has become an issue. The directive from Jonah has become quite inconsistent over the last few days in regards to PSI and procedure. Please provide clarification as to how JCG is to proceed with the work in this area as to not cause delay to the project.

Please contact me with any questions.

Thank you,

Paul R Hering
Senior Project Manager
James Construction Group
5880 W HWY 190
Belton, TX 76513

(254)-913-2163
www.prim.com

<image001.jpg>

"No business objective is so important that it will be pursued at the sacrifice of safety."

From: Kyle McCoy <klmccoy@HNTB.com>
Sent: Friday, November 19, 2021 10:54 AM
To: Paul Hering <phering@prim.com>; Alexander Krejchi <akrejchi@prim.com>
Cc: 62811_2138_CR101 <62811_2138_CR101@HNTB.com>; Clayton Weber <cweber@HNTB.com>; Oscar Salazar-Bueno <osalazarbueno@HNTB.com>
Subject: RE: Jonah Waterline Corrections

EXTERNAL EMAIL

Paul,

Jonah Water has indicated that the 24" encasement and 16" line placed across were not installed properly. The encasement and line will have to be moved and installed in the correct location. Any costs that are incurred due to this work will be the responsibility of the JCG and/or Sexton.

Regards,

Kyle McCoy

Senior Inspector

Tel (512) 744-9082 Cell (512) 677-1861 Email klmccoy@hntb.com

Williamson County Road Bond Program

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101 E. Old Settlers Blvd., Suite 100 | Round Rock, Texas 78664 | hntb.com

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From: Paul Hering <phering@prim.com>

Sent: Thursday, November 18, 2021 1:20 PM

To: Kyle McCoy <klmccoy@HNTB.com>; Alexander Krejchi <akrejchi@prim.com>

Cc: 62811_2138_CR101 <62811_2138_CR101@HNTB.com>

Subject: RE: Jonah Waterline Corrections

Kyle,

JCG will proceed with these corrections, however please be advised that the alignment has been altered from the original scope, so this correction will need to be overrun by the existing items.

Thank you,

Paul R Hering

Senior Project Manager

James Construction Group

5880 W HWY 190

Belton, TX 76513

(254)-913-2163

www.prim.com

<image001.jpg>

"No business objective is so important that it will be pursued at the sacrifice of safety."

From: Kyle McCoy <klmccoy@HNTB.com>
Sent: Monday, November 15, 2021 9:49 AM
To: Alexander Krejchi <akrejchi@prim.com>; Paul Hering <phering@prim.com>
Cc: 62811_2138_CR101 <62811_2138_CR101@HNTB.com>
Subject: Jonah Waterline Corrections

EXTERNAL EMAIL

Alex/Paul,

Attached is a new plans sheet for some corrections that have to be made before the waterline(s) can be tied in.

Regards,

Kyle McCoy

Senior Inspector

Tel (512) 744-9082 Cell (512) 677-1861 Email klmccoy@hntb.com

Williamson County Road Bond Program

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101 E. Old Settlers Blvd., Suite 100 | Round Rock, Texas 78664 | hntb.com

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