

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 12

1. CONTRACTOR: Jordan Foster Construction

2. Change Order Work Limits: Sta. 12+99 to Sta. 378+00

3. Type of Change(on federal-aid non-exempt projects): Minor (Major/Minor)

4. Reasons: 2E (3 Max. - In order of importance - Primary first)

Project:	<u>1812-282</u>
Roadway:	<u>Seward Junction</u>
CSJ Number:	_____

5. Describe the work being revised:

2E: Differing Site Conditions (unforeseeable). 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

7. New or revised plan sheet(s) are attached and numbered: N/A

8. New Special Provisions/Specifications to the contract are attached: Yes No

9. New Special Provisions to Item N/A No. N/A, Special Specification Item N/A are attached.

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

<p><small>The contractor must sign the Change Order and, by doing so, agrees to waive any and all claims for additional compensation due to any and all other expenses; additional changes for time, overhead and profit; or loss of compensation as a result of this change.</small></p> <p>THE CONTRACTOR _____ Date <u>01-18-2022</u></p> <p>By _____</p> <p>Typed/Printed Name <u>John Goodrich, P.E.</u></p> <p>Typed/Printed Title <u>Executive Vice President</u></p>	<p style="text-align: center;">The following information must be provided</p> <p>Time Ext. #: _____ Days added on this CO: _____</p> <p>Amount added by this change order: <u>(\$1,234,080.84)</u></p>
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RECOMMENDED FOR EXECUTION:

 Project Manager Date 1-20-2022

N/A
 Design Engineer Date _____

 Program Manager Date 1/21/2022

Design Engineer's Seal:

County Commissioner Precinct 1 Date _____

APPROVED REQUEST APPROVAL

County Commissioner Precinct 2 Date _____

APPROVED REQUEST APPROVAL

County Commissioner Precinct 3 Date _____

APPROVED REQUEST APPROVAL

County Commissioner Precinct 4 Date _____

APPROVED REQUEST APPROVAL

County Judge Date _____

APPROVED

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 12

Project # 1812-282

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	
SEWARD JUNCTION SOUTHWEST (P No. 274)									
161-WC001	EROSION CONTROL COMPOST (3")	SY	\$2.50	72,489.00	\$181,222.50	(72,489.00)	0.00	\$0.00	(\$181,222.50)
162-WC103	MULCH TOP DRESSING (5")	SY	\$4.25	18,125.00	\$77,031.25	(18,125.00)	0.00	\$0.00	(\$77,031.25)
164-WC07	SEED FOR EROSION CONTROL (TEMP & PERM)(TY7)	SY	\$0.25	72,489.00	\$18,122.25	5,178.50	77,667.50	\$19,416.88	\$1,294.63
164-WC10	SEED FOR EROSION CONTROL (TY 10)	SY	\$0.25	36,245.00	\$9,061.25	(36,245.00)	0.00	\$0.00	(\$9,061.25)
166-6002	FERTILIZER	TON	\$1,300.00	5.00	\$6,500.00	(2.40)	2.60	\$3,380.00	(\$3,120.00)
169-6001	SOIL RETENTION BLANKETS (CL 1) (TY A)	SY	\$1.00	48,426.00	\$48,426.00	(21,446.00)	26,980.00	\$26,980.00	(\$21,446.00)
401-6001	FLOWABLE BACKFILL	CY	\$105.00	122.00	\$12,810.00	33.00	155.00	\$16,275.00	\$3,465.00
464-6003	RC PIPE (CL III)(18 IN)	LF	\$58.00	266.00	\$15,428.00	116.00	382.00	\$22,156.00	\$6,728.00
464-6005	RC PIPE (CL III)(24 IN)	LF	\$78.00	735.00	\$57,330.00	116.00	851.00	\$66,378.00	\$9,048.00
467-6363	SET (TY II) (18 IN) (RCP) (6: 1) (P)	EA	\$1,000.00	7.00	\$7,000.00	4.00	11.00	\$11,000.00	\$4,000.00
467-6395	SET (TY II) (24 IN) (RCP) (6: 1) (P)	EA	\$1,200.00	3.00	\$3,600.00	(2.00)	1.00	\$1,200.00	(\$2,400.00)
496-6007	REMOV STR (PIPE)	LF	\$14.00	64.00	\$896.00	116.00	180.00	\$2,520.00	\$1,624.00
506-6002	ROCK FILTER DAMS (INSTALL) (TY 2)	LF	\$22.00	75.00	\$1,650.00	(47.00)	28.00	\$616.00	(\$1,034.00)
506-6003	ROCK FILTER DAMS (INSTALL) (TY 3)	LF	\$42.00	175.00	\$7,350.00	(17.00)	158.00	\$6,636.00	(\$714.00)
506-6011	ROCK FILTER DAMS (REMOVE)	LF	\$10.00	250.00	\$2,500.00	(64.00)	186.00	\$1,860.00	(\$640.00)
506-6020	CONSTRUCTION EXITS (INSTALL)(TY 1)	SY	\$12.00	200.00	\$2,400.00	(79.00)	121.00	\$1,452.00	(\$948.00)
506-6024	CONSTRUCTION EXITS (REMOVE)	SY	\$9.00	200.00	\$1,800.00	(79.00)	121.00	\$1,089.00	(\$711.00)
506-6041	BIODEG EROSN CONT LOGS (INSTL) (12")	LF	\$3.90	11,896.00	\$46,394.40	(10,796.00)	1,100.00	\$4,290.00	(\$42,104.40)
506-6043	BIODEG EROSN CONT LOGS (REMOVE)	LF	\$0.50	11,896.00	\$5,948.00	(10,796.00)	1,100.00	\$550.00	(\$5,398.00)
SEWARD JUNCTION SOUTHWEST: ALTERNATE #2 (P No. 274)									
310-6001	PRIME COAT (MULTI OPTION)	GAL	\$4.00	10,399.00	\$41,596.00	(2,916.00)	7,483.00	\$29,932.00	(\$11,664.00)
360-6005	CONC PVMT (CONT REINF - CRCP) (11")	SY	\$58.75	41,104.00	\$2,414,860.00	390.00	41,494.00	\$2,437,772.50	\$22,912.50
529-6002	CONC CURB (TY II)	LF	\$5.50	7,083.00	\$38,956.50	(266.00)	6,817.00	\$37,493.50	(\$1,463.00)
TOTALS					\$3,000,882.15			\$2,690,996.88	(\$309,885.27)

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 12

Project # 1812-282

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
529-6008	CONC CURB & GUTTER (TY II)	LF	\$11.50	1,030.00	\$11,845.00	(17.00)	1,013.00	\$11,649.50	(\$195.50)
529-6032	CONCRETE GUTTER (MODIFIED)	LF	\$16.00	895.00	\$14,320.00	168.00	1,063.00	\$17,008.00	\$2,688.00
SEWARD JUNCTION SOUTHEAST (P No. 271)									
104-6017	REMOVING CONC (DRIVEWAYS)	SY	\$15.00	282.00	\$4,230.00	86.00	368.00	\$5,520.00	\$1,290.00
106-6002	OBLITERATING ABANDONED ROAD	SY	\$3.20	6,621.00	\$21,187.20	(1,621.00)	5,000.00	\$16,000.00	(\$5,187.20)
110-6002	EXCAVATION (CHANNEL)	CY	\$12.00	18,278.00	\$219,336.00	(5,396.00)	12,882.00	\$154,584.00	(\$64,752.00)
164-WC04	SEEDING FOR EROSION CONTROL (TEMP)(COOL)(TY 4)	SY	\$0.65	35,477.00	\$23,060.05	5,369.00	40,846.00	\$26,549.90	\$3,489.85
164-WC07	SEEDING FOR EROSION CONTROL (TEMP & PERM)(TY 7)	SY	\$0.25	106,430.00	\$26,607.50	1,787.00	108,217.00	\$27,054.25	\$446.75
166-6002	FERTILIZER	TON	\$1,300.00	4.43	\$5,759.00	(0.13)	4.30	\$5,590.00	(\$169.00)
169-6001	SOIL RETENTION BLANKETS (CL 1) (TY A)	SY	\$1.00	32,560.00	\$32,560.00	(8,176.00)	24,384.00	\$24,384.00	(\$8,176.00)
400-6006	CUT & RESTORING PAV	SY	\$120.00	34.00	\$4,080.00	(23.00)	11.00	\$1,320.00	(\$2,760.00)
400-6009	CEMENT STAB BACKFILL (INLET OR MH)	CY	\$115.00	10.40	\$1,196.00	(10.40)	0.00	\$0.00	(\$1,196.00)
422-6015	APPROACH SLAB	CY	\$330.00	176.90	\$58,377.00	23.40	200.30	\$66,099.00	\$7,722.00
432-6001	RIPRAP (CONC)(4 IN)	CY	\$360.00	153.40	\$55,224.00	(14.40)	139.00	\$50,040.00	(\$5,184.00)
432-6008	RIPRAP (CONC)(CL B)(RR8&RR9)	CY	\$370.00	269.00	\$99,530.00	(103.00)	166.00	\$61,420.00	(\$38,110.00)
432-6017	RIPRAP (STONE TY R)(DRY)(18 IN)	CY	\$115.00	371.00	\$42,665.00	(229.00)	142.00	\$16,330.00	(\$26,335.00)
432-6045	RIPRAP (MOW STRIP)(4 IN)	CY	\$375.00	75.00	\$28,125.00	(7.00)	68.00	\$25,500.00	(\$2,625.00)
459-6007	GABION MATTRESSES (GALV)(12 IN)	SY	\$55.00	1,578.00	\$86,790.00	(625.92)	952.08	\$52,364.40	(\$34,425.60)
460-6013	CMP AR (GAL STL DES 6)	LF	\$350.00	5.00	\$1,750.00	(5.00)	0.00	\$0.00	(\$1,750.00)
464-6003	RC PIPE (CL III)(18 IN)	LF	\$58.00	210.00	\$12,180.00	72.00	282.00	\$16,356.00	\$4,176.00
467-6326	SET (TY II) (12 IN) (RCP) (6: 1) (P)	EA	\$1,000.00	2.00	\$2,000.00	(1.00)	1.00	\$1,000.00	(\$1,000.00)
496-6007	REMOV STR (PIPE)	LF	\$14.00	171.00	\$2,394.00	90.00	261.00	\$3,654.00	\$1,260.00
496-6043	REMOV STR (SMALL FENCE)	LF	\$2.00	5,800.00	\$11,600.00	(1,986.00)	3,814.00	\$7,628.00	(\$3,972.00)
506-6002	ROCK FILTER DAMS (INSTALL) (TY 2)	LF	\$22.00	495.00	\$10,890.00	(410.00)	85.00	\$1,870.00	(\$9,020.00)
506-6011	ROCK FILTER DAMS (REMOVE)	LF	\$10.00	460.00	\$4,600.00	(375.00)	85.00	\$850.00	(\$3,750.00)
506-6038	TEMPORARY SEDIMENT CONTROL FENCE (INSTALL)	LF	\$2.15	5,585.00	\$12,007.75	12,424.00	18,009.00	\$38,719.35	\$26,711.60
506-6039	TEMPORARY SEDIMENT CONTROL FENCE (REMOVE)	LF	\$0.50	5,585.00	\$2,792.50	12,424.00	18,009.00	\$9,004.50	\$6,212.00
506-6041	BIODEG EROSN CONT LOGS (IN STL) (12")	LF	\$3.90	50.00	\$195.00	(50.00)	0.00	\$0.00	(\$195.00)
506-6042	BIODEG EROSN CONT LOGS (IN STL) (18")	LF	\$4.50	90.00	\$405.00	(90.00)	0.00	\$0.00	(\$405.00)
506-6043	BIODEG EROSN CONT LOGS (REMOVE)	LF	\$0.50	140.00	\$70.00	(140.00)	0.00	\$0.00	(\$70.00)
508-6001	CONSTRUCTING DETOURS	SY	\$80.00	2,690.00	\$215,200.00	(702.00)	1,988.00	\$159,040.00	(\$56,160.00)
529-6038	CONC CURB (RIBBON)	LF	\$15.50	1,188.00	\$18,414.00	(1,188.00)	0.00	\$0.00	(\$18,414.00)
550-6006	GATE (REMOVE)	EA	\$550.00	1.00	\$550.00	1.00	2.00	\$1,100.00	\$550.00
552-6003	WIRE FENCE (TY C)	LF	\$8.70	3,945.00	\$34,321.50	(823.00)	3,122.00	\$27,161.40	(\$7,160.10)
552-6004	WIRE FENCE (TY D)	LF	\$12.00	188.00	\$2,256.00	(188.00)	0.00	\$0.00	(\$2,256.00)
552-6005	GATE (TY 1)	EA	\$1,000.00	1.00	\$1,000.00	(1.00)	0.00	\$0.00	(\$1,000.00)
560-6011	MAILBOX INSTALL-S (TWW-POST) TY 4	EA	\$180.00	1.00	\$180.00	3.00	4.00	\$720.00	\$540.00
The "Totals" from Table B of the previous work sheet:						\$3,000,882.15		\$2,690,996.88	(\$309,885.27)
TOTALS						\$4,068,579.65		\$3,519,513.18	(\$549,066.47)

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 12

Project # 1812-282

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
560-6012	MAILBOX INSTALL-D (TWW-POST) TY 4	EA	\$210.00	1.00	\$210.00	(1.00)	0.00	\$0.00	(\$210.00)
644-6071	RELOCATE SM RD SN SUP&AM TY TWT	EA	\$420.00	1.00	\$420.00	(1.00)	0.00	\$0.00	(\$420.00)
658-6059	INSTL OM ASSM (OM-4) (FLX) GND	EA	\$100.00	2.00	\$200.00	(2.00)	0.00	\$0.00	(\$200.00)
W2.10.A-12"	Pipe, 12" Dia. PVC C-900 Water, Complete in Place, Including Excavation and Backfill	LF	\$59.00	605.00	\$35,695.00	(605.00)	0.00	\$0.00	(\$35,695.00)
W2.10.A-12"-ARJ	Pipe, 12" Dia. PVC C-900 Water, with Restrained Joints, Complete in Place, Including Excavation and Backfill	LF	\$120.00	1,816.00	\$217,920.00	(1,816.00)	0.00	\$0.00	(\$217,920.00)
W1.17.A	Ductile Iron Fittings	TON	\$13,900.00	4.20	\$58,380.00	(4.20)	0.00	\$0.00	(\$58,380.00)
W3.21.A12	Valves, Gate 12" Dia.	EA	\$3,300.00	13.00	\$42,900.00	(13.00)	0.00	\$0.00	(\$42,900.00)
604	Native Seeding for Erosion Control Method, Fiber Mulch	SY	\$1.10	5,390.00	\$5,929.00	(5,390.00)	0.00	\$0.00	(\$5,929.00)
641	Stabilized Construction Entrance	EA	\$2,100.00	2.00	\$4,200.00	(2.00)	0.00	\$0.00	(\$4,200.00)
642	Silt Fence for Erosion Control	LF	\$2.50	1,425.00	\$3,562.50	(1,425.00)	0.00	\$0.00	(\$3,562.50)
G4.06.D	Concrete Trench Cap, 4 ft. Width	LF	\$80.00	25.00	\$2,000.00	(25.00)	0.00	\$0.00	(\$2,000.00)
G8.09	Remove and Replace Driveway, Gravel	SY	\$35.00	21.00	\$735.00	(21.00)	0.00	\$0.00	(\$735.00)
G8.09	Remove and Replace Driveway, Concrete	SY	\$200.00	21.00	\$4,200.00	(21.00)	0.00	\$0.00	(\$4,200.00)
SD1.10	Hot Mix Asphaltic Concrete Pavement, Type D, 2" Thickness	SY	\$42.00	30.00	\$1,260.00	(15.00)	15.00	\$630.00	(\$630.00)
SD4.08	Flexible Base, 8", For Trench Repair	CY	\$100.00	6.67	\$667.00	(3.34)	3.33	\$333.00	(\$334.00)
W2.10.A2	Pipe, 2" Dia. SDR-9 PE, New Service Line	LF	\$67.00	139.00	\$9,313.00	15.00	154.00	\$10,318.00	\$1,005.00
W1.17.B3x3	Wet Connection, 3"x3" Dia.	EA	\$2,100.00	1.00	\$2,100.00	1.00	2.00	\$4,200.00	\$2,100.00
SP.W3.21.A12	Valves, Hydra-Stop Insta-Valve 250 Patriot Series (Patents Pending), 12" Dia., or written preapproved equal, Including cost of installation on active water line, Complete in Place	EA	\$19,000.00	2.00	\$38,000.00	(2.00)	0.00	\$0.00	(\$38,000.00)
W-04	Reconnect single service connections, incl. new meters per detail W-04	EA	\$3,800.00	3.00	\$11,400.00	1.00	4.00	\$15,200.00	\$3,800.00
SEWARD JUNCTION SOUTHEAST: ALTERNATE #2 (P No. 271)									
529-6002	CONC CURB (TY II)	LF	\$5.50	5,709.00	\$31,399.50	428.00	6,137.00	\$33,753.50	\$2,354.00
530-6004	DRIVEWAYS (CONC)	SY	\$68.00	1,155.00	\$78,540.00	214.00	1,369.00	\$93,092.00	\$14,552.00
SEWARD JUNCTION SOUTHWEST CROSSOVER @ US 183 (P No. 274)									
106-6002	OBLITERATING ABANDONED ROAD	SY	\$3.20	1,573.00	\$5,033.60	(318.00)	1,255.00	\$4,016.00	(\$1,017.60)
161-WC001	EROSION CONTROL COMPOST (3")	SY	\$2.50	7,720.00	\$19,300.00	(7,720.00)	0.00	\$0.00	(\$19,300.00)
164-WC10	SEEDING FOR EROSION CONTROL (TY 10)	SY	\$0.25	3,860.00	\$965.00	(3,860.00)	0.00	\$0.00	(\$965.00)
169-6001	SOIL RETENTION BLANKETS (CL 1) (TY A)	SY	\$1.00	3,284.00	\$3,284.00	(1,794.00)	1,490.00	\$1,490.00	(\$1,794.00)
506-6002	ROCK FILTER DAMS (INSTALL) (TY 2)	LF	\$22.00	25.00	\$550.00	(25.00)	0.00	\$0.00	(\$550.00)
506-6003	ROCK FILTER DAMS (INSTALL) (TY 3)	LF	\$42.00	50.00	\$2,100.00	(50.00)	0.00	\$0.00	(\$2,100.00)
506-6011	ROCK FILTER DAMS (REMOVE)	LF	\$10.00	75.00	\$750.00	(75.00)	0.00	\$0.00	(\$750.00)
506-6020	CONSTRUCTION EXITS (INSTALL)(TY 1)	SY	\$12.00	133.00	\$1,596.00	(133.00)	0.00	\$0.00	(\$1,596.00)
506-6024	CONSTRUCTION EXITS (REMOVE)	SY	\$9.00	133.00	\$1,197.00	(133.00)	0.00	\$0.00	(\$1,197.00)
506-6041	BIODEG EROSN CONT LOGS (INSTL) (12")	LF	\$3.90	1867.00	\$7,281.30	(1,867.00)	0.00	\$0.00	(\$7,281.30)
506-6043	BIODEG EROSN CONT LOGS (REMOVE)	LF	\$0.50	1867.00	\$933.50	(1,867.00)	0.00	\$0.00	(\$933.50)
529-6008	CONC CURB & GUTTER (TY II)	LF	\$19.00	1006.00	\$19,114.00	(17.00)	989.00	\$18,791.00	(\$323.00)
618-6053	CONDT (PVC) (SCH 80) (3")	LF	\$15.00	1920.00	\$28,800.00	(411.00)	1,509.00	\$22,635.00	(\$6,165.00)
618-6054	CONDT (PVC) (SCH 80) (3") (BORE)	LF	\$30.00	2568.00	\$77,040.00	(1,353.00)	1,215.00	\$36,450.00	(\$40,590.00)
624-6002	GROUND BOX TY A (122311)W/APRON	EA	\$850.00	16.00	\$13,600.00	(9.00)	7.00	\$5,950.00	(\$7,650.00)
The "Totals" from Table B of the previous work sheet:						\$4,068,579.65		\$3,519,513.18	(\$549,066.47)
TOTALS						\$4,799,155.05		\$3,766,371.68	(\$1,032,783.37)

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 12

Project # 1812-282

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
SEWARD JUNCTION SOUTHWEST CROSSOVER @ US 183: ALTERNATE #2 (P No. 274)									
310-6001	PRIME COAT (MULTI OPTION)	GAL	\$4.00	1006.00	\$4,024.00	(474.00)	532.00	\$2,128.00	(\$1,896.00)
PEC POND (P No. 271)									
420-6074	CL C CONC (MISC)	CY	\$575.00	104.00	\$59,800.00	(11.81)	92.19	\$53,009.25	(\$6,790.75)
432-6002	RIPRAP (CONC)(5 IN)	CY	\$380.00	31.00	\$11,780.00	(7.00)	24.00	\$9,120.00	(\$2,660.00)
506-6002	ROCK FILTER DAMS (INSTALL) (TY 2)	LF	\$22.00	15.00	\$330.00	(15.00)	0.00	\$0.00	(\$330.00)
506-6011	ROCK FILTER DAMS (REMOVE)	LF	\$10.00	15.00	\$150.00	(15.00)	0.00	\$0.00	(\$150.00)
506-6020	CONSTRUCTION EXITS (INSTALL)(TY 1)	SY	\$12.00	30.00	\$360.00	(30.00)	0.00	\$0.00	(\$360.00)
506-6024	CONSTRUCTION EXITS (REMOVE)	SY	\$9.00	30.00	\$270.00	(30.00)	0.00	\$0.00	(\$270.00)
506-6038	TEMPORARY SEDIMENT CONTROL FENCE (INSTALL)	LF	\$2.15	210.00	\$451.50	(210.00)	0.00	\$0.00	(\$451.50)
506-6039	TEMPORARY SEDIMENT CONTROL FENCE (REMOVE)	LF	\$0.50	210.00	\$105.00	(210.00)	0.00	\$0.00	(\$105.00)
ALTERNATE #4 - CITY OF GEORGETOWN WATER LINE (8" & 12" PVC) (P No. 271)									
W3.21.A12	Valves, Gate 12" Dia.	EA	\$3,200.00	13.00	\$41,600.00	2.00	15.00	\$48,000.00	\$6,400.00
NON-BID ITEMS TO BE INCLUDED IN BID AND CONTRACT AMOUNT									
999-WC01	FORCE ACCOUNT	DOL	\$1.00	55000.00	\$55,000.00	(55,000.00)	0.00	\$0.00	(\$55,000.00)
585-WC01	FORCE ACCOUNT ESTIMATED RIDE QUALITY BONUS/PENALTY	DOL	\$1.00	131243.00	\$131,243.00	(131,243.00)	0.00	\$0.00	(\$131,243.00)
341-WC01	FORCE ACCOUNT ESTIMATED PLACEMENT AND PRODUCTION BONUS/PENALTY (TY B)	DOL	\$1.00	47739.00	\$47,739.00	(47,739.00)	0.00	\$0.00	(\$47,739.00)
341-WC02	FORCE ACCOUNT ESTIMATED PLACEMENT AND PRODUCTION BONUS/PENALTY (TY D SURFACE)	DOL	\$1.00	18393.00	\$18,393.00	(18,393.00)	0.00	\$0.00	(\$18,393.00)
ADDITIONAL (NEW) CONTRACT ITEMS ADDED BY CHANGE ORDER									
SOUTHWEST (P No. 274)									
506S-WC01	ADJUSTING EXISTING MH	EA	\$4,973.38	2.00	\$9,946.75	3.00	5.00	\$24,866.88	\$14,920.13
999-012	BYPASS PUMPING	DAY	\$5,175.00	3.00	\$15,525.00	(2.00)	1.00	\$5,175.00	(\$10,350.00)
999-022	INSTALL ADDITIONAL PROJECT SIGNS	EA	\$888.33	0.00	\$0.00	2.00	2.00	\$1,776.66	\$1,776.66
999-023	INSTALL HOGAN SLEEVES	LF	\$12.45	0.00	\$0.00	434.00	434.00	\$5,403.30	\$5,403.30
999-024	RELOCATE HOGAN WATER SERVICE	LS	\$5,508.55	0.00	\$0.00	1.00	1.00	\$5,508.55	\$5,508.55
999-025	SAW AND SEAL ASPHALT AT CONCRETE PAVE	LF	\$2.67	0.00	\$0.00	260.00	260.00	\$694.20	\$694.20
999-026	ROADSIDE MOWING	AC	\$182.76	0.00	\$0.00	15.00	15.00	\$2,741.40	\$2,741.40
999-028	SIGNS NOT USED	EA	\$82.84	0.00	\$0.00	4.00	4.00	\$331.37	\$331.37
SOUTHEAST (P No. 271)									
310-6001	PRIME COAT (MULTI-OPTION)	GAL	\$4.00	4347.00	\$17,388.00	(451.00)	3,896.00	\$15,584.00	(\$1,804.00)
999-025	SAW AND SEAL ASPHALT AT CONCRETE PAVE	LF	\$2.67	0.00	\$0.00	278.00	278.00	\$742.26	\$742.26
999-026	ROADSIDE MOWING	AC	\$182.76	0.00	\$0.00	18.00	18.00	\$3,289.68	\$3,289.68
999-027	REPAIR/REPLACE DAMAGED SIGN	LS	\$1,318.17	0.00	\$0.00	1.00	1.00	\$1,318.17	\$1,318.17
999-028	SIGNS NOT USED	EA	\$82.84	0.00	\$0.00	4.00	4.00	\$331.37	\$331.37
PEC POND (P No. 271)									
132-6003	EMBANKMENT (FINAL)(ORD COMP)(TY B)	CY	\$9.00	385.00	\$3,465.00	187.00	572.00	\$5,148.00	\$1,683.00
CR 260 RECONSTRUCTION (P No. 271)									
166-6002	FERTILIZER	TON	\$3,711.75	0.03	\$111.35	(0.03)	0.00	\$0.00	(\$111.35)
310-6001	PRIME COAT (MULTI OPTION)	GAL	\$4.67	340.00	\$1,587.80	(140.00)	200.00	\$934.00	(\$653.80)
316-6193	AGGR (TY-D GR-5 SAC-B)	CY	\$234.37	12.00	\$2,812.44	(12.00)	0.00	\$0.00	(\$2,812.44)
316-6413	ASPH (AC-15P, HFRS-2P OR CRS-2P)	GAL	\$6.79	482.00	\$3,272.78	(482.00)	0.00	\$0.00	(\$3,272.78)
341-6008	D-GR HMA TY-B PG64-22	TON	\$79.54	369.00	\$29,350.26	9.64	378.64	\$30,117.03	\$766.77
341-6027	D-GR HMA TY-D SAC-B PG64-22	TON	\$104.99	181.00	\$19,003.19	19.38	200.38	\$21,037.90	\$2,034.71
506-6002	ROCK FILTER DAMS (INSTALL)(TY 2)	LF	\$26.51	72.00	\$1,908.72	(72.00)	0.00	\$0.00	(\$1,908.72)
506-6011	ROCK FILTER DAMS (REMOVE)	LF	\$14.05	72.00	\$1,011.60	(72.00)	0.00	\$0.00	(\$1,011.60)
506-6038	TEMP SEDIMENT CONTROL FENCE (INSTALL)	LF	\$5.30	30.00	\$159.00	(5.00)	25.00	\$132.50	(\$26.50)
506-6039	TEMP SEDIMENT CONTROL FENCE (REMOVE)	LF	\$5.30	30.00	\$159.00	(5.00)	25.00	\$132.50	(\$26.50)
529-6038	CONC CURB (RIBBON)	LF	\$38.18	60.00	\$2,290.80	(8.00)	52.00	\$1,985.36	(\$305.44)
666-6048	REFL PAV MRK TY I (W) 24" (SLD) (100MIL)	LF	\$6.90	48.00	\$331.20	(8.00)	40.00	\$276.00	(\$55.20)
SEWARD JUNCTION SOUTHWEST CROSSOVER @ US 183: ALTERNATE #2 (P No. 274)									
999-029	CONCRETE CAP	SY	\$77.91	0.00	\$0.00	494.00	494.00	\$38,487.54	\$38,487.54
The "Totals" from Table B of the previous work sheet:									
					\$4,799,155.05			\$3,766,371.68	(\$1,032,783.37)
TOTALS						\$5,278,723.44		\$4,044,642.60	(\$1,234,080.84)

Williamson County Road Bond Program

Seward Junction Improvements Williamson County Project No. 1812-282

Change Order No. 12 Reason for Change

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. This Change Order also adds new items to the contract to pay the Contractor for additional work that was originally paid under the Force Account Line Item. The added work includes:

999-WC22 Install Additional Project Signs. With the project intersecting 4 locations of existing roadway, it was requested to add 2 additional signs by Williamson County.

999-WC23 Install Hogan Sleeves. This is work that was included in the Real Estate Agreement but was not included in the plans.

999-WC24 Relocate Hogan Water Service. Mr. Hogan's water service had to be relocated due to it being too shallow across Falcon Lane near the subdivision tie-in. The line was tied into a nearby existing 8in line. This work was addressed in RFI 3.

999-WC25 Saw and Seal Asphalt at Concrete Pavement. The asphalt was saw cut at the concrete pavement joints and filled with hot asphalt sealant to prevent debris from filling in the joint as it shrinks and expands.

999-WC26 Roadside Mowing. We had the Contractor mow the entire ROW prior to acceptance.

999-WC27 Repair/Replace Damaged Sign. The Contractor repaired and replaced a damaged sign that was run over by the traveling public.

999-WC28 Original Signs Not Used but Fabricated. There were a few signs that the Contractor had fabricated per the plans but were not installed. These signs were fabricated early in the project and were not needed once Change Order 10 for additional signs was executed. These signs were delivered to the Williamson County Sign Shop.

999-WC29 Concrete Cap. Due to the change in class for concrete pipe at Culvert C and D in the US 183 crossover, it was determined that concrete caps needed to be placed over the culverts to reinforce the area at the culverts. This was addressed in RFI 18.

Below is the list of new items added this change order:

ITEM	DESCRIPTION	QTY	UNIT
999-WC22	INSTALL ADDITIONAL PROJECT SIGNS	2	EA
999-WC23	INSTALL HOGAN SLEEVES	434	LF
999-WC24	RELOCATE HOGAN WATER SERVICE	1.00	LS
999-WC25	SAW AND SEAL ASPHALT AT CONCRETE PAVEMENT	538	LF
999-WC26	ROADSIDE MOWING	33	AC
999-WC27	REPAIR/REPLACE DAMAGED SIGN	1	LS
999-WC28	ORIGINAL SIGNS NOT USED BUT FABRICATED	8	EA
999-WC29	CONCRETE CAP	494	SY

This Change Order results in a net decrease of \$1,234,080.84 to the Contract amount, for an adjusted Contract total of \$12,839,479.37. The original Contract amount was \$13,270,258.10. As a result of this and all Change Orders to-date, \$430,778.73 has been deducted from the Contract, resulting in a 3.25% net decrease in the overall Contract cost. As a result of this Change Order, (0) days will be added to the contract.

HNTB Corporation

Oscar Salazar-Bueno, P.E.

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



15603 North IH 35
Pflugerville, TX 78660
P: 512.990.8313
F: 512.990.3785

999-022

A Foundation of ExcellenceSM

July 16, 2019

HNTB
101 E. Old Settlers Blvd., Ste. 100
Round Rock, TX 78664

Attn: Eddie Church, P.E.

Re: Project No. 1812-282
Seward Junction Improvements
Williamson County

Dear Mr. Church:

The following is the unit price for the requested additional project signs on the above referenced project.

Item 000-0000	ADDITIONAL PROJECT SIGNS					
Contractor Cost per Unit				\$888.33		
Approx.	2	EA	@	<u>\$888.33</u>	=	\$1,776.66

The cost breakdown including invoice is enclosed for review.

If you have any questions, please contact me at (512) 364-3540.

Very Truly Yours,

JORDAN FOSTER CONSTRUCTION

JC Kindel
Project Manager

Enclosure: Invoice.

JORDAN FOSTER CONSTRUCTION
 COST BREAKDOWN

Project: 1812-282 Seward Junction Improvements
 JFC Job #: 20103

Place Additional Project Signs

Estimated Quantity 2 EA

MATERIAL:

Quantity	Unit	Material Rate	Material Compensation 25%	Total Material Rate		
2.00	EA	703.63	175.91	879.54	=	\$ 1,759.08
						\$ 1,759.08
SUBTOTAL COST						\$ 1,759.08
	Bond Cost	1%				\$ 17.59
TOTAL COST						\$ 1,776.67
UNIT PRICE						\$888.33 /EA

Flasher Equipment Co.
P.O. BOX 12637
San Antonio TX 78212

Invoice	INV000336847
Date	5/31/2019
Page	1

Bill To:

Jordan Foster Infrastructure
7700 CF Jordan Dr.
El Paso Texas 79912

Ship To:

Jordan Foster Infrastructure
KC Kindel
(512) 990-8313
Seward Junction Improvements

20103

Purchase Order No.		Customer ID	Salesperson ID	Shipping Method	Payment Terms	Req Ship Date	Master No.
SEWARD JUNCTION		RGMCON	T0	CPU	Net 10 Days	5/31/2019	190,056
Ordered	Shipped	B/O	Item Number	Description	Discount	Unit Price	Ext. Price
2.0000	2.0000	0.0000	SIGN P1 9648 W1 BK	96X48 WILLIAMSON COUNTY PROJECT S SEWARD JUNCTION IMPROVEMENTS	\$0.0000	\$650.0000	\$1,300.00

Subtotal	\$1,300.00
Misc	\$0.00
Tax	\$107.26
Freight	\$0.00
Trade Discount	\$0.00
Total	\$1,407.26



15603 North IH 35
 Pflugerville, TX 78660
 P: 512.990.8313
 F: 512.990.3785

999-023

A Foundation of ExcellenceSM

July 16, 2019

HNTB
 101 E. Old Settlers Blvd., Ste. 100
 Round Rock, TX 78664

Attn: Eddie Church, P.E.

Re: Project No. 1812-282
 Seward Junction Improvements
 Williamson County

Dear Mr. Church:

The following is the unit price for the additional work of installing 3" PVC sleeves as part of the agreement with Mr. Hogan on the above referenced project. The locations of the sleeves are called out on the enclosed plan sheet. Also, additional quantity of PVC pipe, elbows, and caps were included to be used as standpipes.

Item 000-0000	INSTALL HOGAN SLEEVES					
Contractor Cost per Unit				<u>\$12.45</u>		
Approx.	434	LF	@	\$12.45	=	\$5,403.30

The cost breakdown and material invoice are enclosed for review.

If you have any questions, please contact me at (512) 364-3540.

Very Truly Yours,

JORDAN FOSTER CONSTRUCTION

JC Kindel
 Project Manager

Enclosure: Cost Breakdown, Invoice.

JORDAN FOSTER CONSTRUCTION
COST BREAKDOWN

Project: 1812-282 Seward Junction Improvements
JFC Job #: 20103

Install Hogan Sleeves
Located at CR 263 and Falcon Ln.

Estimated Quantity 434 LF

LABOR:

Scope		Hourly Wages	Overtime Factor 37.5%	Payroll Taxes/Insur. 55%	Contractor Compensation 25%	Total Hourly Rate	Number of Hours	=	Total Cost
1	<u>Name</u> Foreman	22.00	8.25	16.64	7.56	54.45	16.00	=	\$ 871.20
2	Utility Laborer	20.00	7.50	15.13	6.88	49.50	16.00	=	\$ 1,584.00
									\$ 2,455.20

MATERIAL:

	Quantity Unit	Material Rate	Material Compensation 25%	Total Material Rate	=	Total Cost
Pipe, 3", PVC, Schedule 40	434.00 LF	1.69	0.42	2.11	=	\$ 916.83
Pipe, 3", PVC, Schedule 40, Elbow	8.00 EA	5.48	1.37	6.85	=	\$ 54.80
Pipe, 3", PVC, Schedule 40, Cap	8.00 EA	2.81	0.70	3.51	=	\$ 28.10
Cement and Primer	2.00 EA	29.39	7.35	36.74	=	\$ 73.48
						\$ 1,073.20

EQUIPMENT:

	Quantity Unit	Equipment Rate	Equipment Compensation 15%	Total Equipment Rate	=	Total Cost
Excavator, Caterpillar 308	16.00 HR	46.87	7.03	53.90	=	\$ 862.41
Compactor, Caterpillar CP-56	8.00 HR	62.37	9.36	71.73	=	\$ 573.80
Pickup	16.00 HR	20.84	3.13	23.97	=	\$ 383.46
						\$ 1,819.67

SUBTOTAL COST

\$ 5,348.07

Bond Cost 1%

\$ 53.48

TOTAL COST

\$ 5,401.55

UNIT PRICE

\$12.45 /LF



FERGUSON ENTERPRISES, LLC
 FERGUSON WATERWORKS #1254
 200 PARK CENTRAL BLVD
 GEORGETOWN, TX 78626
 Phone: 512-930-2262
 Fax: 512-930-2388

Deliver To: From: Brad Ellis Comments:

12:18:07 JUL 16 2019

FERGUSON WATERWORKS #1106
 Price Quotation
 Phone: 512-930-2262
 Fax: 512-930-2388

Bid No: B430025
Bid Date: 07/16/19
Quoted By: BDE

Cust Phone: 915-877-3333
Terms: NET 10TH PROX

Customer: JORDAN FOSTER CONSTRUCTIO
 RGM CONSTRUCTORS
 15603 NORTH IH 35
 PFLUGERVILLE, TX 78660

Ship To: JORDAN FOSTER CONSTRUCTIO
 RGM CONSTRUCTORS
 15603 NORTH IH 35
 PFLUGERVILLE, TX 78660

Cust PO#:

Job Name: UNDER DRAIN

Item	Description	Quantity	Net Price	UM	Total
P40BEPM20	3X20 FT PVC S40 BE PIPE	440	155.930	C	686.09
PDWV9M	3 PVC DWV 90 ELL	8	5.060	EA	40.48
P40SCAPM	3 PVC S40 SOC CAP	8	2.600	EA	20.80
O30894	32 OZ PVC BLUE RAIN R SHINE CMNT	2	18.000	EA	36.00
O30758	32 OZ PURP PRMR - NSF LISTED	2	9.150	EA	18.30

Net Total: \$801.67
Tax: \$66.14
Freight: \$0.00
Total: \$867.81

Quoted prices are based upon receipt of the total quantity for immediate shipment (48 hours). SHIPMENTS BEYOND 48 HOURS SHALL BE AT THE PRICE IN EFFECT AT TIME OF SHIPMENT UNLESS NOTED OTHERWISE. QUOTES FOR PRODUCTS SHIPPED FOR RESALE ARE NOT FIRM UNLESS NOTED OTHERWISE.

CONTACT YOUR SALES REPRESENTATIVE IMMEDIATELY FOR ASSISTANCE WITH DBE/MBE/WBE/SMALL BUSINESS REQUIREMENTS.

Seller not responsible for delays, lack of product or increase of pricing due to causes beyond our control, and/or based upon Local, State and Federal laws governing type of products that can be sold or put into commerce. This Quote is offered contingent upon the Buyer's acceptance of Seller's terms and conditions, which are incorporated by reference and found either following this document, or on the web at <https://www.ferguson.com/content/website-info/terms-of-sale>
 Govt Buyers: All items are open market unless noted otherwise.

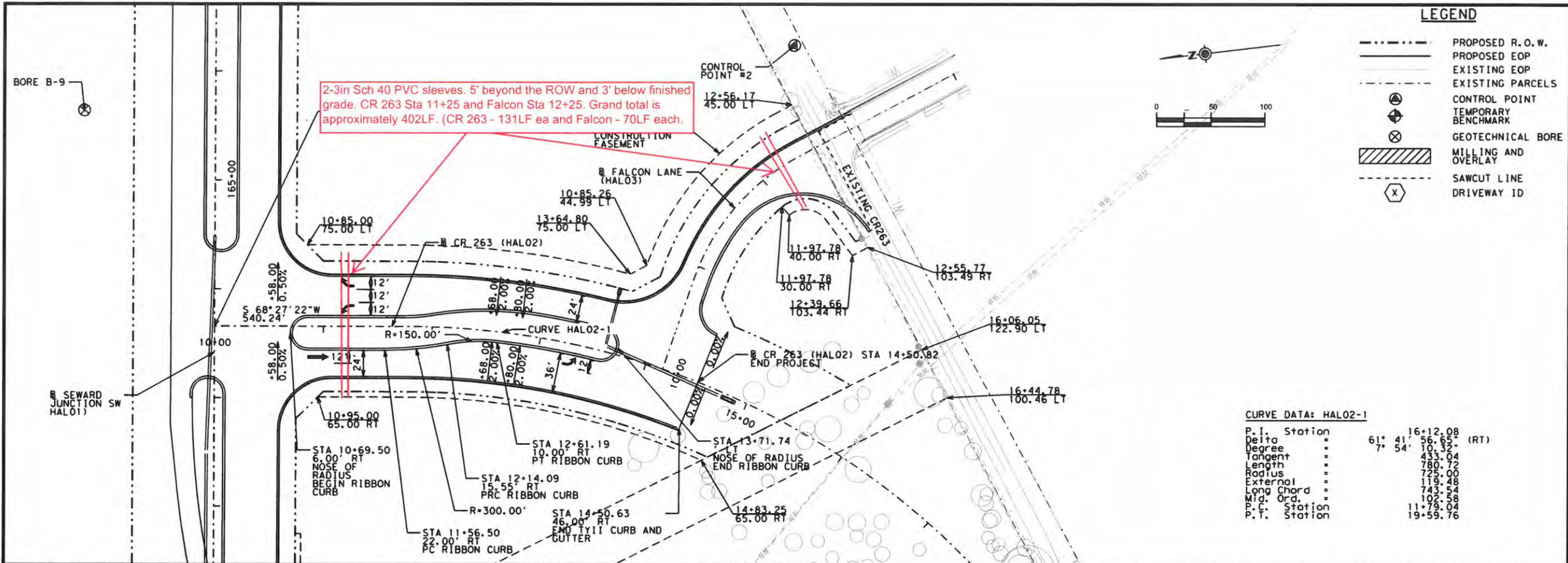
LEAD LAW WARNING: It is illegal to install products that are not "lead free" in accordance with US Federal or other applicable law in potable water systems anticipated for human consumption. Products with *NP in the description are NOT lead free and can only be installed in non-potable applications. Buyer is solely responsible for product selection.



HOW ARE WE DOING? WE WANT YOUR FEEDBACK!

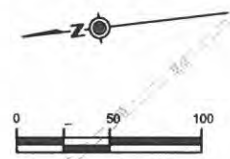
Scan the QR code or use the link below to complete a survey about your bids:

<https://survey.medallia.com/?bidsorder&fc=1254&on=41271>



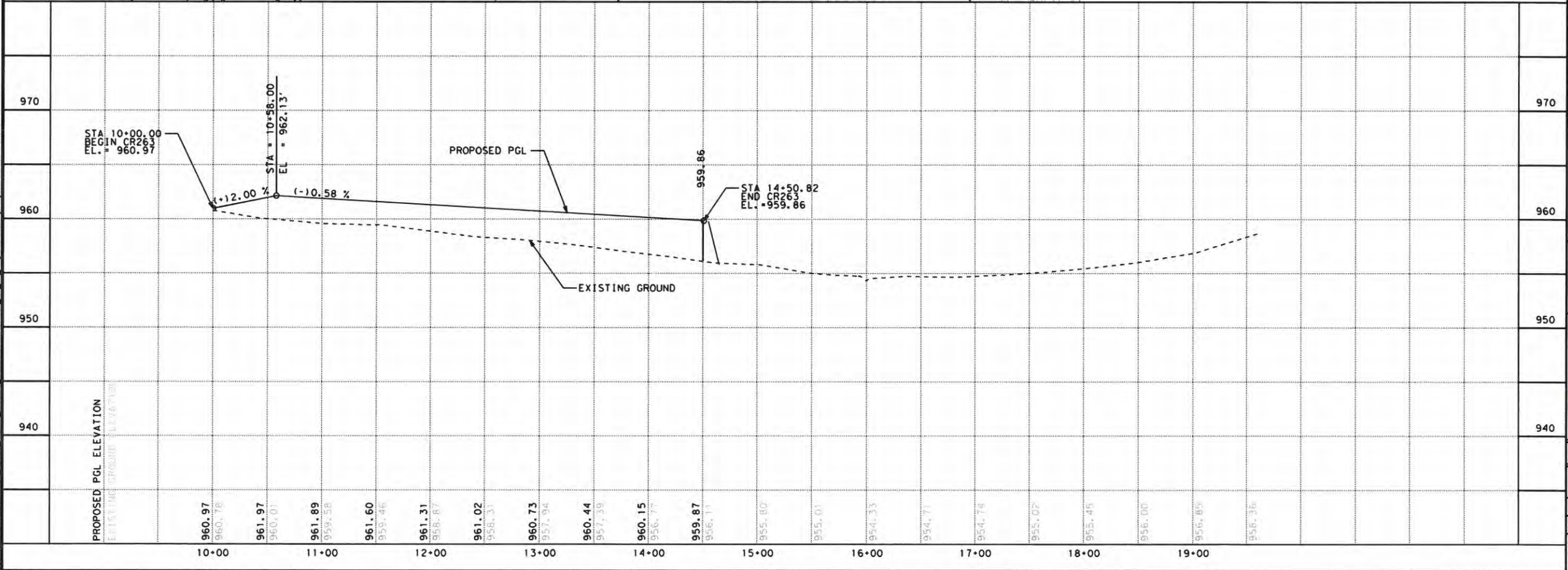
LEGEND

- PROPOSED R.O.W.
- PROPOSED EOP
- EXISTING EOP
- EXISTING PARCELS
- CONTROL POINT
- ⊕ TEMPORARY BENCHMARK
- ⊗ GEOTECHNICAL BORE
- ▨ MILLING AND OVERLAY
- - - SAWCUT LINE
- ⊞ DRIVEWAY ID



CURVE DATA: HAL02-1

P.I. Station	16+12.08
Delta	61° 41' 56.65" (RT)
Degree	7° 54' 10.32"
Tangent	433.04
Length	780.72
Radius	725.00
External	119.46
Long Chord	102.58
Mid. Ord.	11.79.04
P.C. Station	19+59.76
P.T. Station	19+59.76



REVISION DESCRIPTION					
REV. NO.	DATE	BY	DATE	BY	DATE
K FRIESE & ASSOCIATES, INC. 1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746					
WILLIAMSON COUNTY SEWARD JUNCTION SW COUNTY ROAD 263 PLAN AND PROFILE SHEET 1 OF 1					
WILLIAMSON COUNTY					
SCALE		AS NOTED			
DATE		12/4/2018			
SHEET NUMBER		58 OF 266			

X:\Projects\0380-Williamson County_Seward Junction_SWDGM\Sheets\0380_RD_PP_9.dgn modified by dcray on 12/4/2018 - 6:19:33 PM



15603 North IH 35
 Pflugerville, TX 78660
 P: 512.990.8313
 F: 512.990.3785

999-024

A Foundation of ExcellenceSM

July 23, 2019

HNTB
 101 E. Old Settlers Blvd., Ste. 100
 Round Rock, TX 78664

Attn: Eddie Church, P.E.

Re: Project No. 1812-282
 Seward Junction Improvements
 Williamson County

Dear Mr. Church:

The following is the lump sum unit price for the additional work of relocating the Hogan water line service at CR 263 on the above referenced project.

Item 000-0000	RELOCATE HOGAN WATER LINE SERVICE AT CR 263					
Contractor Cost per Unit				<u>\$5,508.55</u>		
Approx.	1	LS	@	\$5,508.55	=	\$5,508.55

The cost breakdown is enclosed for review.

If you have any questions, please contact me at (512) 364-3540.

Very Truly Yours,

JORDAN FOSTER CONSTRUCTION

JC Kindel
 Project Manager

Enclosure: Cost Breakdown.

JORDAN FOSTER CONSTRUCTION
 COST BREAKDOWN

Project: 1812-282 Seward Junction Improvements
 JFC Job #: 20103

Relocate Hogan Water Line Service
 Located at CR 263

Estimated Quantity 1 LS

LABOR:

		Hourly Wages	Overtime Factor 37.5%	Payroll Taxes/Insur. 55%	Contractor Compensation 25%	Total Hourly Rate	Number of Hours		Total Cost
Survey									
	<u>Name</u>								
1	Surveyor	39.00	14.63	29.49	13.41	96.53	4.00	=	\$ 386.10
1	Surveyor Helper	17.00	6.38	12.86	5.84	42.08	4.00	=	\$ 168.30
									\$ 554.40

SUBCONTRACTOR: JKB Construction Co., LLC

	Quantity Unit	Subcontractor Rate	Subcontractor Compensation 5%	Total Subcontractor Rate		Total Cost
Existing Water Meter Removal	1.00 EA	1050.00	52.50	1102.50	=	\$ 1,102.50
Cut and Cap Existing 1.5" Water Line	2.00 EA	575.00	28.75	603.75	=	\$ 1,207.50
Water Meter Assembly Installed on 1.5" and 8" Line	1.00 EA	1975.00	98.75	2073.75	=	\$ 2,073.75
Testing	1.00 EA	250.00	12.50	262.50	=	\$ 262.50
Trench Safety	1.00 EA	150.00	7.50	157.50	=	\$ 157.50
						\$ 4,803.75

EQUIPMENT:

	Quantity Unit	Equipment Rate	Equipment Compensation 15%	Total Equipment Rate		Total Cost
Pickup	4.00 HR	20.84	3.13	23.97	=	\$ 95.86
						\$ 95.86

SUBTOTAL COST

Bond Cost 1% \$ 54.54

TOTAL COST

\$ 5,508.55


UNIT PRICE

\$5,508.55 /LS

JKB Construction Co., LLC
 14750 Hwy 29
 Liberty Hill, TX 78642
 O: 512-260-2600
 F: 512-260-2608

Project: 1812-282 SEWARD JUNCTION IMPROVEMENTS
 Change Order#: 3
 Date: 7/15/2019

Item #	RELOCATION OF WATERLINE METER	Qty.	Unit	Unit	Bid
				Bid	Amount
1	EXISTING WATER METER REMOVAL	1	EA	\$ 1,050.00	\$ 1,050.00
2	CUT AND CAP EXISTING 1.5" WATERLINE	2	EA	\$ 575.00	\$ 1,150.00
3	WATER METER ASSEMBLY INSTALL ON 1.5" AND 8" LINE	1	EA	\$ 1,975.00	\$ 1,975.00
4	TESTING	1	LS	\$ 250.00	\$ 250.00
5	TRENCH SAFETY	1	LS	\$ 150.00	\$ 150.00
TOTAL IMPROVEMENTS					\$ 4,575.00



 Mick Sample

7/15/2019
 Date

Approved By: _____

 Date

Printed Name _____

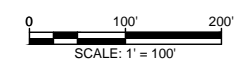
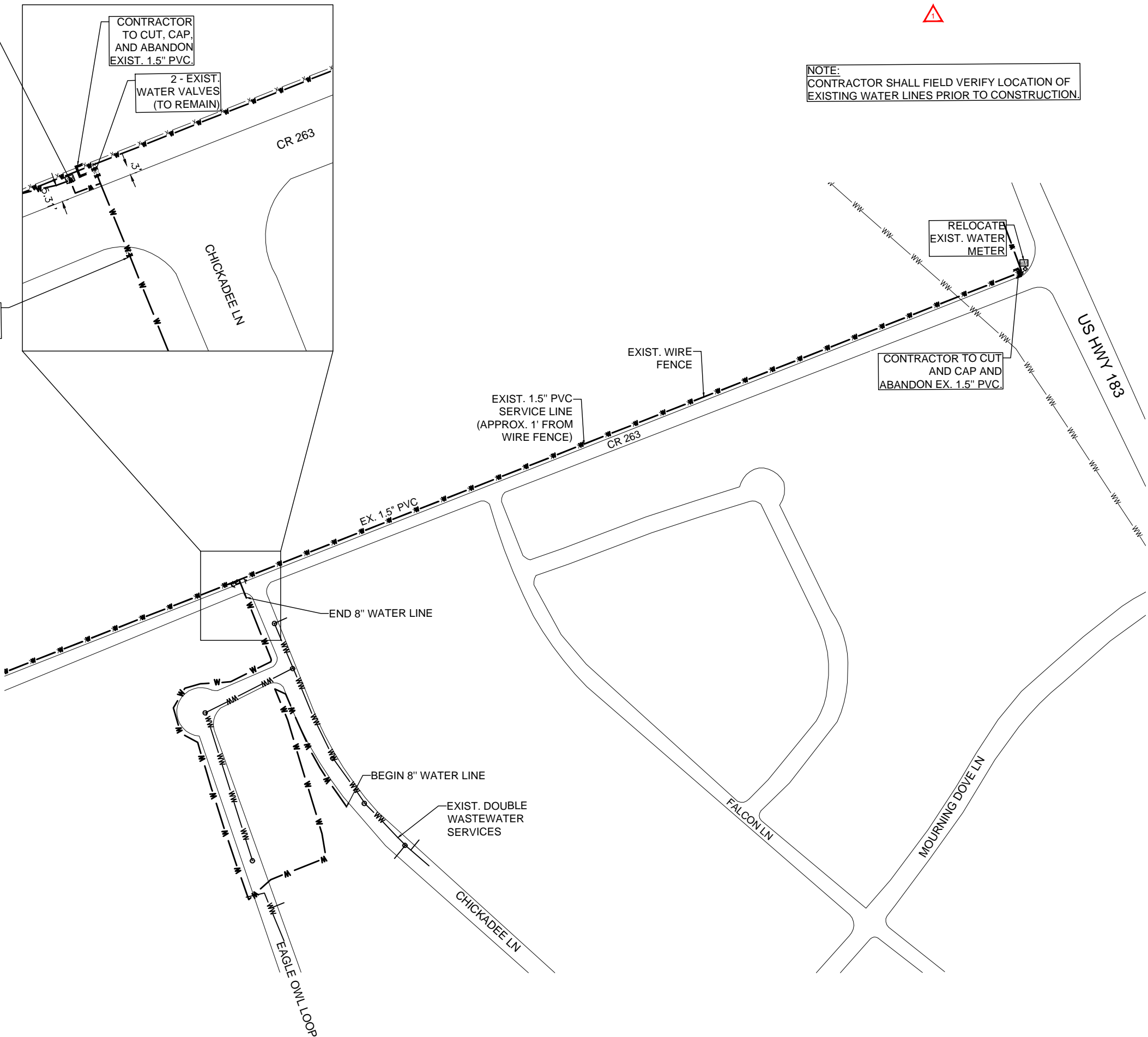
INSTALL:
 1 - RECONNECT EXIST. SERVICE METER FROM 183 AT CR 263
 20 LF - 2" SDR-9 PE SERVICE LINE TO PROPOSED SERVICE. CONTRACTOR IS RESPONSIBLE FOR ADAPTERS TO MAKE CONNECTIONS.

CONTRACTOR TO CUT, CAP, AND ABANDON EXIST. 1.5" PVC.

2 - EXIST. WATER VALVES (TO REMAIN)

CONTRACTOR TO SHUT OFF WATER EXIST. WATER VALVE DURING SERVICE TIE-IN.

NOTE:
 CONTRACTOR SHALL FIELD VERIFY LOCATION OF EXISTING WATER LINES PRIOR TO CONSTRUCTION.



LEGEND

	PROP. WATER LINE
	RIGHT OF WAY
	EASEMENT
	EDGE OF PAVEMENT
	PROPOSED AT&T
	WATER LINE
	WASTEWATER LINE
	STORM DRAIN
	EXIST. GAS LINE
	U.G. TELECOM
	FIBER OPTIC
	OVERHEAD ELECTRIC
	U.G. ELECTRIC
	CHAINLINK FENCE
	ROCK FENCE
	WIRE FENCE
	WOOD FENCE
	EROSION AND SEDIMENTATION CONTROL DEVICES
	EXIST. ROADWAY
	WATER METER
	WATER VALVE

GENERAL NOTES:

1. THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES THAT MIGHT BE OCCASIONED BY THE FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES. WHEN THE CONTRACTOR IS USING TRENCHLESS INSTALLATION METHODS, THE CONTRACTOR SHALL LOCATE ALL UTILITIES FOR THE ENTIRE LENGTH OF THE INSTALLATION PRIOR TO ANY ACTIVITIES.
2. EXISTING PVC WATER MAINS ARE TO BE PROTECTED AND REMAIN IN SERVICE UNTIL THE NEW MAINS ARE CONSTRUCTED, TESTED, APPROVED AND SERVICE LINES RECONNECTED AND THE NEW MAIN IS PLACED IN SERVICE.
3. EXISTING WATER SERVICE LINES AND METERS ARE TO BE PROTECTED AND REMAIN IN SERVICE UNTIL NEW SERVICE LINES ARE CONSTRUCTED, TESTED, APPROVED AND RECONNECTED AND IN SERVICE.
4. EXISTING WATER MAINS THAT ARE TO BE ABANDONED IN PLACE AND ARE UNDER THE PROPOSED ROADWAY ARE TO BE CUT, CAPPED, AND FILLED WITH FLOWABLE FILL. EXISTING WATER LINES THAT ARE TO BE ABANDONED IN PLACE AND ARE NOT UNDER THE PROPOSED ROADWAY WILL BE CAPPED.
5. THERE ARE TREES WITHIN THE PROJECT LIMITS. THE CONTRACTOR IS TO PROTECT THE TREE ROOT ZONES DURING CONSTRUCTION.
6. ANY DISCREPANCIES FROM WHAT IS SHOWN SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER.

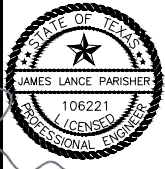
REV. NO.	REVISION DESCRIPTION	APPROVED BY	DATE
1	METER SHEET ADDITION	LP	07/08/19

CobbFendley
 ENGINEERS & ARCHITECTS
 506 EAST HUNTLAND DRIVE, SUITE 405
 AUSTIN, TEXAS 78752
 512.834.9788 | FAX 512.834.9553
 WWW.COBBFENDELY.COM

WATER METER RELOCATION
 CR 263 AT CHICKADEE LN
 SEWARD JUNCTION SW - WATER IMPROVEMENTS
 SEWARD JUNCTION, TEXAS



PROJ. NO. 1403-088-030
 DESIGN: L. PARISHER
 DRAWN: R. RODRIGUEZ
 CHECK: J. HASTINGS
 APPR: J. HASTINGS
 DATE: January 27, 2017





15603 North IH 35
 Pflugerville, TX 78660
 P: 512.990.8313
 F: 512.990.3785

999-025

A Foundation of ExcellenceSM

June 24, 2021

HNTB
 101 E. Old Settlers Blvd., Ste. 100
 Round Rock, TX 78664

Attn: Eddie Church, P.E.

Re: Project No. 1812-282
 Seward Junction Improvements
 Williamson County

Dear Mr. Church:

The following is the unit price for the additional work as directed in the Punch List of sealing the asphalt joints at the concrete pavement on the above referenced project. The joints are located at the intersection of US 183 Northbound and Southbound.

Item 0715-0000	SAW AND SEAL ASPHALT AT CONCRETE PAVEMENT					
Contractor Cost per Unit				<u>\$2.67</u>		
Approx.	538	LF	@	\$2.67	=	\$1,436.46

The cost breakdown is enclosed for review.

If you have any questions, please contact me at (512) 364-3540.

Very Truly Yours,

JORDAN FOSTER CONSTRUCTION

JC Kindel
 Project Manager

Enclosure: Cost Breakdown.

JORDAN FOSTER CONSTRUCTION
 COST BREAKDOWN

Project: 1812-282 Seward Junction Improvements
 JFC Job #: 20103

Saw and Seal Asphalt Joint at Concrete Pavement

Located at US 183 Northbound and Southbound

Estimated Quantity

538 LF

SUBCONTRACTOR: Highway Pavement Specialties

	Quantity	Unit	Subcontractor Rate	Subcontractor Compensation 5%	Total Subcontractor Rate		
Saw and Seal	538.00	LF	2.51	0.13	2.64	=	\$ 1,420.32
							\$ 1,420.32
SUBTOTAL COST							\$ 1,420.32
Bond Cost							\$ 14.20
TOTAL COST							\$ 1,434.52
UNIT PRICE							\$2.67 /LF



15603 North IH 35
 Pflugerville, TX 78660
 P: 512.990.8313
 F: 512.990.3785

999-026

A Foundation of ExcellenceSM

June 28, 2021

HNTB
 101 E. Old Settlers Blvd., Ste. 100
 Round Rock, TX 78664

Attn: Eddie Church, P.E.

Re: Project No. 1812-282
 Seward Junction Improvements
 Williamson County

Dear Mr. Church:

The following is the unit price for the additional work of providing roadside mowing for the above referenced project.

Item 0000-0000	ROADSIDE MOWING					
Contractor Cost per Unit					\$182.76	
Approx. 33	AC	@		<u>\$182.76</u>	=	\$6,031.08

The cost breakdown is enclosed for review.

If you have any questions, please contact me at (512) 364-3540.

Very Truly Yours,

JORDAN FOSTER CONSTRUCTION

JC Kindel
 Project Manager

Enclosure: Cost Breakdown.

JORDAN FOSTER CONSTRUCTION
 COST BREAKDOWN

Project: 1812-282 Seward Junction Improvements
 JFC Job #: 20103

Provide Roadside Mowing
 Located Project ROW

Estimated Quantity 33 AC

LABOR:

Mow Roadside

		Hourly Wages	Overtime Factor 37.5%	Payroll Taxes/Insur. 55%	Contractor Compensation 25%	Total Hourly Rate	Number of Hours		Total Cost
	<u>Name</u>								
1	Operator	26.00	9.75	19.66	8.94	64.35	33.00	=	\$ 2,123.55
1	Laborer	23.00	8.63	17.39	7.91	56.93	33.00	=	\$ 1,878.53
									\$ 4,002.08

EQUIPMENT:

	Quantity	Unit	Equipment Rate	Equipment Compensation 15%	Total Equipment Rate		Total Cost
Shredder	33.00	HR	50.00	7.50	57.50	=	\$ 1,897.50
Pickup	3.00	HR	20.84	3.13	23.97	=	\$ 71.90
							\$ 1,969.40

SUBTOTAL COST

\$ 5,971.47

Bond Cost

1%

\$ 59.71

TOTAL COST

\$ 6,031.19

UNIT PRICE

\$182.76 /AC



15603 North IH 35
 Pflugerville, TX 78660
 P: 512.990.8313
 F: 512.990.3785

999-027

A Foundation of ExcellenceSM

June 18, 2021

HNTB
 101 E. Old Settlers Blvd., Ste. 100
 Round Rock, TX 78664

Attn: Eddie Church, P.E.

Re: Project No. 1812-282
 Seward Junction Improvements
 Williamson County

Dear Mr. Church:

The following is the unit price for the additional work of repairing the damaged sign at the intersection of US 183 in the Southeast on the above referenced project.

Item 0000-0000	REPAIRED DAMAGED SIGN				
Contractor Cost per Unit				\$1,318.17	
Approx. 1	LS	@		<u>\$1,318.17</u>	= \$1,318.17

The cost breakdown with backup documentation is enclosed for review.

If you have any questions, please contact me at (512) 364-3540.

Very Truly Yours,

JORDAN FOSTER CONSTRUCTION

JC Kindel
 Project Manager

Enclosure: Cost Breakdown.

JORDAN FOSTER CONSTRUCTION
 COST BREAKDOWN

Project: 1812-282 Seward Junction Improvements
 JFC Job #: 20103

Repaired Damaged Sign
 Located at US 183 in the Southeast

Estimated Quantity 1 LS

SUBCONTRACTOR: Environmental Safety Services, Inc.

	Quantity	Unit	Subcontractor Rate	Subcontractor Compensation 5%	Total Subcontractor Rate		
Repaired Damaged Sign	1.00	LS	1242.97	62.15	1305.12	=	\$ 1,305.12
							\$ 1,305.12
SUBTOTAL COST							\$ 1,305.12
Bond Cost		1%					\$ 13.05
TOTAL COST							\$ 1,318.17
UNIT PRICE							\$1,318.17 /LS

Environmental Safety Services, Inc.

14101 US Hwy 290 W #2000-B

Austin, TX 78737

Phone 512-989-2259 Fax 512-372-9375

DAILY STATEMENT OF FORCE ACCOUNT WORK

Date of Work: May 25, 2021

Invoice #: 0521-1588 FA

Invoice Date: 6/17/21

Project Number :		Sub Contractor	ENVIRONMENTAL SAFETY SERVICES, INC
CSJ Number :		General Contractor	Jordan Foster
County :	Williamson	GC Project Manager:	Anthony Phone:
Highway :	Seward Junction	State Inspector	Steven Shull Phone:

Work Performed:

Repaired Damaged Sign 1 EA Southeast (Sheet 1 of 10 Sign# 17)

STATEMENT OF EQUIPMENT

TYPE	YEAR	EQUIPMENT NUMBER (OR RENTAL VENDOR)	HOURS USED	RATE	AMOUNT
Ford Pick Up Truck 1 Ton 4x4	2016	Truck #120	8.0	23.63	\$ 189.04
Subtotal					\$ 189.04
Equipment Markup (15%)					\$ 28.36
Total					\$ 217.40

STATEMENT OF LABOR

NAME	CLASSIFICATION	(H)RLY (S)AL.	HOURS		RATE		AMOUNT
			REG	OT	REG	OT	
Carlos Espinoza	Common Laborer	H	8.000	0.000	15.000	22.500	\$ 120.00
Javier O Trejo	Foreman	H	8.000		30.000	45.000	\$ 240.00
Subtotal							\$ 360.00
55% Compensation for Labor Insurance & Taxes & WC:							\$ 198.00
25% Overhead, Superintendence, Profit & Small Tools							\$ 90.00
Labor Total							\$ 648.00

STATEMENT OF MATERIAL

DESCRIPTION	VENDOR	QUANTITY	U/M	PRICE	AMOUNT
Sign Material	Dobie Supply	1.00	LS	\$ 302.06	\$ 302.06
Subtotal					\$ 302.06
25% mpensation					\$ 75.52
Material Total					\$ 377.58

STATEMENT OF SUBCONTRACTOR WORK

DESCRIPTION	U/M	PRICE	AMOUNT
Subtotal or Total			\$ -
15% Compensation			\$ -
Total			\$ -

TOTAL AMOUNT DUE: \$ 1,242.97

Certified Payroll Report

Contractor ENVIRONMENTAL SAFETY SERVICES, INC.
 14101 HWY 290 WEST BLDG 2000 SUITE B
 AUSTIN, TX 78737
Tax ID 26-0203041

Project Jordan Foster Construction:1588 - Seward Junction Impro
 15603 North IH 35
 Pflugerville, TX 78660
Project/Contract #
Payroll Number 21
For Week Ending 5/29/2021

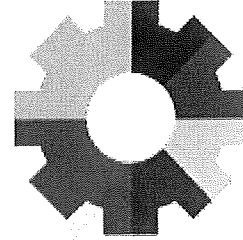
Employee Name	ID	Work Classification	Pay Type	Hours Worked by Day							Timesheet Hours	Paid Hours	Pay Rate	Job Gross Pay	Fringe Rate	Check Number	Total Gross Pay	Social Security	Medi-care	Federal Tax	State Tax	Other	Total Deduct	Net Pay
				Sun 23	Mon 24	Tue 25	Wed 26	Thu 27	Fri 28	Sat 29														
Carlos Espinoza	8122	1172 - Common Laborer RT	RT			8.00					8.00	8.00	15.00	120.00	0.00	1433	667.50	41.38	9.68	67.00	0.00	0.00	118.06	549.44
Javier O Trejo	9213	Job Foreman - RT	RT			8.00					8.00	8.00	30.00	240.00	0.05	DD18139	1,201.94	74.08	17.32	98.00	0.00	6.98	196.38	1,003.62

Rental Rate Blue Book®

January 28, 2020

Ford F-250 SD

On-Highway Light Duty Trucks

 Size Class:
300 HP & Over
 Weight:
 HP

Configuration for F-250 SD

Axle Configuration	4.0 X 4.0	Cab Type		Crew	
Horsepower	300.0 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 Hourly	FHWA Rate** Hourly
	Monthly	Weekly	Daily	Hourly		
Published Rates	USD \$900.00	USD \$255.00	USD \$64.00	USD \$10.00	USD \$19.00	USD \$24.11
Adjustments						
Region (Texas: 91.4%)	(USD \$77.40)	(USD \$21.93)	(USD \$5.50)	(USD \$0.86)		
Model Year (2016: 99%)	(USD \$8.23)	(USD \$2.33)	(USD \$0.58)	(USD \$0.09)		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	USD \$814.37	USD \$230.74	USD \$57.91	USD \$9.05	USD \$19.00	USD \$23.63

Non-Active Use Rates

	Hourly
Standby Rate	USD \$2.31
Idling Rate	USD \$19.68

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	54%	USD \$486.00/mo
Overhaul (ownership)	27%	USD \$243.00/mo
CFC (ownership)	7%	USD \$63.00/mo
Indirect (ownership)	12%	USD \$108.00/mo
Fuel (operating) @ USD 2.51	79%	USD \$15.05/hr

Revised Date: 1st half 2020

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

 The equipment represented in this report has been exclusively prepared for STACEY REINHART
 (Stacey@essitx.com)



Invoice

Buda, TX 78610

5124376499

Date 5/6/2021
Invoice # 33407

Bill To
Environmental Safety Services, Inc. 14101 Hwy 290 W. #2000-B Austin, TX 78737

Ship To
Environmental Safety Services, Inc. 14101 Hwy 290 W. #2000-B Austin, TX 78737

P.O. No.	Terms	Rep	Ship Date	Via	FOB
SEWARD JUN...	Net 30	VB	4/29/2021	CPU	

Qty	Item	Description	Rate	U/M	Amount
2.00	100 Qu...	42"x12" double sided sign HIP SEWARD JUNCTION Lp	79.00		158.00
1.00	30302	10BWG 12' POST only 2 7/8"	100.65	ea	100.65
1.00	H-TXD...	Triangle bolt keeper plate with 3 bolts, 3 nuts, and 9 washers.	10.41		10.41
1.00	32014	Post cap for 2 7/8"post with 12" FLAT Blade	17.00	ea	17.00
1.00	32015	Cross Piece, 12" 90 degree flat (25 per box)	16.00	ea	16.00
		Signs in Slot 14			

We really appreciate your business. If we can help with anything else, please call us at 512-437-6499.		Subtotal	\$302.06
Val Byrd 512-632-9322 Val@dobiesupply.com Sales Manager Alex Carrisalez 512-939-4969 Alex@dobiesupply.com Sales Representative Toni Williams 512-924-5799 Toni@dobiesupply.com Customer Service Doug Phillips 512-709-1453 Doug@dobiesupply.com TxDOT Specialist / Partner Doug Byrd 512-437-6499 Dbyrd@dobiesupply.com General Manager		Sales Tax (8.25%)	\$0.00
Remit payments to Dobie Supply, 3809 S. Second St., #D200, Austin, TX 78704		Total	\$302.06
		Pymnts/Credits	\$0.00
		Balance Due	\$302.06

Fax #	E-mail	Web Site
512-444-0796	accounting@dobiesupply.com	www.dobiesupply.com



US 83

ONE WAY

STOP

US 83

ASHER



Form 1915

PROJECT #: 20103.000
 PROJECT: Seward Junction Imps
 Invoice #:
 0721-1588

Page 1 of 1

Request for Payment of Material on Hand

Contractor: Jordan Foster Construction, LLC

Subcontractor: Environmental Safety Services, Inc.

Dates: 4/1-7/28/21

Item & Desc #	Item Description	O M	Received This Period	Previous Qty	Used This Period	Balance on Hand	Unit Price	Plan Quantity	Total Value
18	IN Sign TY10BWG(1)SA(P)	EA	1.00	1.00	1.00	1.00	112.46	10.00	112.46
19	IN Sign TY10BWG(1)SA(T)	EA		0.00	0.00	0.00	67.56	1.00	0.00
20	IN Sign TY10BWG(2)SA(P)	EA		0.00	0.00	0.00	208.11	4.00	0.00
21	IN Sign TYS80(1)SA(P)	EA		0.00	0.00	0.00	201.07	4.00	0.00
22	IN Sign TYS80(1)SA(T)	EA		0.00	0.00	0.00	203.39	2.00	0.00
23	IN Sign TYS80(2)SA(P)	EA		0.00	0.00	0.00	278.27	1.00	0.00
24	IN Sign TYTWT(1)WS(P)	EA	4.00	4.00	4.00	4.00	67.70	22.00	270.80
25	IN Sign TYTWT(1)WS(T)	EA	3.00	6.00	6.00	3.00	93.16	23.00	279.48
26	CO Campbells Signs INV 18879	EA		1.00	1.00	0.00	7,325.99		0.00
27	CO Campbells Signs INV 18902	EA		1.00	1.00	0.00	868.12		0.00
28	CO Dobie Signs INV 32623	EA		1.00	1.00	0.00	549.50		0.00
29	CO Dobie OM-4 INV 32301	EA		1.00	1.00	0.00	1,924.00		0.00
30	CO Sign Mounts TX Corr INV 152632	EA		1.00	1.00	0.00	5,804.00		0.00
31	CO Sign Mounts TX Corr INV 152583	EA		1.00	1.00	0.00	960.48		0.00
32	CO Ram Tool Concrete INV9507256848	EA		1.00	1.00	0.00	709.80		0.00
TOTAL:									662.74

Original signs that were fabricated early in the project prior to the sign change order and were not used on the project. These signs were delivered to WilCo Sign Shop.

Previous: 19,084.11
 Change This Period: -18,421.37

By submitting a request for Material on Hand (MOH) payment, the Contractor expressly authorizes the Department (Texas Department of Transportation) to audit MOH records, and to perform process reviews of the record-keeping system. If the Department determines noncompliance with any of the requirements of Item 9.7 (Standard Specifications, General Requirements and Covenants) the Department may exclude payment for any or all MOH for the duration of this Contract.

Signature of Contractor Authorized Representative:

nic Zdansky

Date:

7/28/21

Stacey Reinhart, Project Manager



15603 North IH 35
 Pflugerville, TX 78660
 P: 512.990.8313
 F: 512.990.3785

999-029

A Foundation of ExcellenceSM

October 23, 2019

HNTB
 101 E. Old Settlers Blvd., Ste. 100
 Round Rock, TX 78664

Attn: Eddie Church, P.E.

Re: Project No. 1812-282
 Seward Junction Improvements
 Williamson County

Dear Mr. Church:

The following is the unit price for the additional work of forming and pouring concrete caps over the proposed cross culverts at US 183 crossover on the above referenced project. The additional scope is detailed in the enclosed RFI No. 18.

Item 000-0000	CONCRETE CAPS					
Contractor Cost per Unit					\$77.91	
Approx. 441	SY	@			\$77.91	= \$34,358.31

The cost breakdown is enclosed for review.

If you have any questions, please contact me at (512) 364-3540.

Very Truly Yours,

JORDAN FOSTER CONSTRUCTION

JC Kindel
 Project Manager

Enclosure: Cost Breakdown, RFI No. 18.

JORDAN FOSTER CONSTRUCTION
 COST BREAKDOWN

Project: 1812-282 Seward Junction Improvements
 JFC Job #: 20103

Form and Pour Concrete Caps at US 183 Crossover
 Located at Culvert C STA 175+36.53 and Culvert D STA 177+24.95 Estimated Quantity 441 SY

LABOR:

	Hourly Wages	Overtime Factor 37.5%	Payroll Taxes/Insur. 55%	Contractor Compensation 25%	Total Hourly Rate	Number of Hours		Total Cost
Prepare Subgrade								
	<u>Name</u>							
1	Foreman	26.00	9.75	19.66	8.94	64.35	8.00	= \$ 514.80
1	Motorgrader Operator	26.00	9.75	19.66	8.94	64.35	8.00	= \$ 514.80
1	Loader Operator	19.00	7.13	14.37	6.53	47.03	8.00	= \$ 376.20
1	Roller Operator	16.50	6.19	12.48	5.67	40.84	8.00	= \$ 326.70
1	Water Truck Driver	24.00	9.00	18.15	8.25	59.40	8.00	= \$ 475.20
								<u>\$ 2,207.70</u>

Form and Pour Concrete Cap								
	<u>Name</u>							
1	Foreman	26.00	9.75	19.66	8.94	64.35	24.00	= \$ 1,544.40
3	Concrete Finisher	24.00	9.00	18.15	8.25	59.40	24.00	= \$ 4,276.80
3	Form Setter	24.00	9.00	18.15	8.25	59.40	24.00	= \$ 4,276.80
1	Common Laborer	15.00	5.63	11.34	5.16	37.13	24.00	= \$ 891.00
								<u>\$ 10,989.00</u>

MATERIAL:

	Quantity Unit	Material Rate	Material Compensation 25%	Total Material Rate		
Concrete, Class P	126.50 CY	94.00	23.50	117.50	=	\$ 14,863.75
Welded Wire Fabric	30.00 PC	50.00	12.50	62.50	=	\$ 1,875.00
Flatwork Forms	46.00 PC	8.00	2.00	10.00	=	\$ 460.00
						<u>\$ 17,198.75</u>

EQUIPMENT:

	Quantity Unit	Equipment Rate	Equipment Compensation 15%	Total Equipment Rate		
Motorgrader, Caterpillar 140M	8.00 HR	106.47	15.97	122.44	=	\$ 979.52
Loader, Caterpillar 938K	8.00 HR	71.14	10.67	81.81	=	\$ 654.49
Roller, Ingersoll Rand SD105	8.00 HR	60.70	9.11	69.81	=	\$ 558.44
Water Truck	8.00 HR	52.34	7.85	60.19	=	\$ 481.53
Small Generator, 7,500W	24.00 HR	6.62	0.99	7.61	=	\$ 182.71
Pickup	32.00 HR	20.84	3.13	23.97	=	\$ 766.91
						<u>\$ 3,623.60</u>

SUBTOTAL COST \$ 34,019.05

Bond Cost 1% \$ 340.19

TOTAL COST \$ 34,359.24

UNIT PRICE **\$77.91 /SY**

Eddie R. Church

From: JC Kindel <JKindel@jordanfosterconstruction.com>
Sent: Thursday, January 2, 2020 10:30 AM
To: Steven Shull; Dawn Haggard
Cc: 62811_1812-282_SewardJunction; Clayton Weber; Eddie R. Church; Feng Chen; James Klotz; 20103 Seward Junction Improvements
Subject: 1812-282 Seward Junction Improvements: Pay Estimate
Attachments: 20191231-1812-282-MasterPayEstimate#07.xlsx

Steven/Dawn,

Please review and approve the attached preliminary Pay Estimate with the Request for Material on Hand for December 2019 for the above referenced project.

Also, please include **\$5,375.79** to the Item No. 331 **Force Account** as payment for the concrete cap that was formed and poured over a drain line in the crossover. The quantity of for the concrete cap is 69 SY at the change order unit price of \$77.91 / SY. Thanks.

JC Kindel | Jordan Foster Construction | Project Manager | jkindel@jordanfosterconstruction.com
P: 512.990.8313 | F: 512.990.3785 | 15603 North IH 35 | Pflugerville, TX 78660



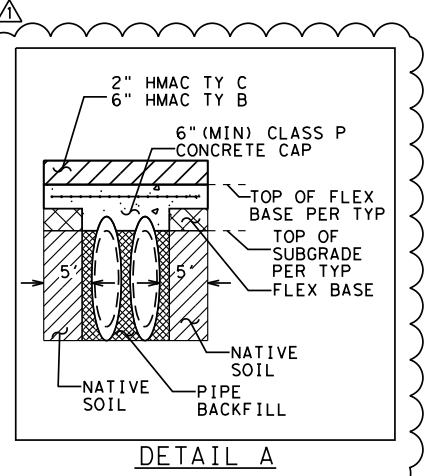
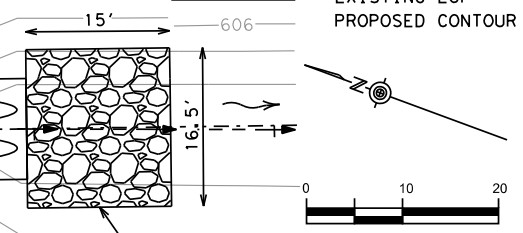
This message is for the designated recipient only and may contain privileged, proprietary, or otherwise private information. If you have received it in error, please notify the sender immediately and delete the original. Any other use of the email by you is prohibited.

CULV C US
2 - 30" 6:1 SETP-PD
STA 1+79.03 CULV C CL
STA 175+36.59
77.59' LT (HALO1)

CULV C DS
2 - 30" 6:1 SETP-PD
STA 3+33.20 CULV C CL
STA 175+36.48
76.58' RT HALO1

LEGEND

- PROPOSED R.O.W.
- - - EXISTING R.O.W.
- PROPOSED EOP
- - - EXISTING EOP
- PROPOSED CONTOUR



NOTES:
1. CONSTRUCT THE PAVEMENT SECTION SHOWN IN DETAIL A ABOVE THE PROPOSED CULVERT 5-FT BEYOND THE LIMITS OF THE PIPE WALLS AND 2-FT BEYOND THE BACK OF CURB LIMIT WHERE FULL DEPTH OF TYPICAL FLEX BASE SECTION DOES NOT FIT ABOVE PROPOSED PIPE. 6" CONCRETE CAP SHALL BE CLASS P CONCRETE REINFORCED WITH WELDED WIRE FABRIC OR #4 BARS SPACED 12" O.C. IN EACH DIRECTION

REV	BY	DATE	REVISION DESCRIPTION
1	DJC	10/03/19	CULV C & D CONCRETE CAP

K FRIESE & ASSOCIATES, INC.
1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746

WILLIAMSON COUNTY
US 183 AT SEWARD JUNCTION SOUTH
CULVERT LAYOUT
CULVERT C

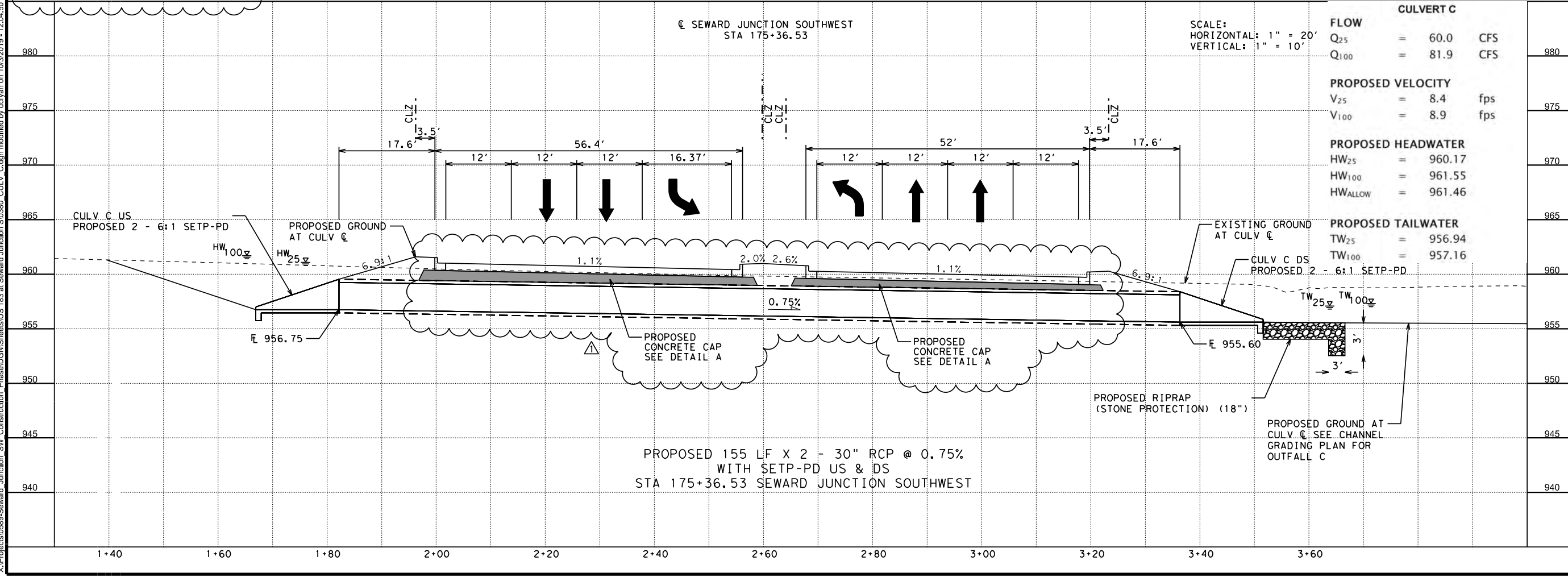
K FRIESE + ASSOCIATES
PUBLIC PROJECT ENGINEERING
(FIRM # 6535)



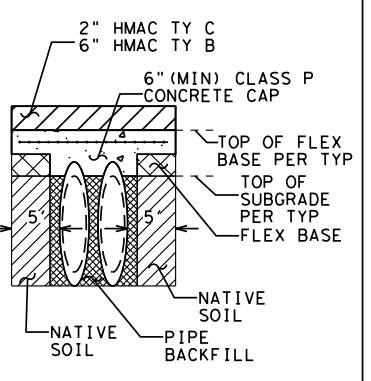
WILLIAMSON COUNTY

SCALE	AS NOTED
DATE	10/3/2019
SHEET NUMBER	48 OF 92

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NOTES:
 1. CONSTRUCT THE PAVEMENT SECTION SHOWN IN DETAIL A ABOVE THE PROPOSED CULVERT 5-FT BEYOND THE LIMITS OF THE PIPE WALLS AND 2-FT BEYOND THE BACK OF CURB LIMIT WHERE FULL DEPTH OF TYPICAL FLEX BASE SECTION DOES NOT FIT ABOVE PROPOSED PIPE. 6" CONCRETE CAP SHALL BE CLASS P CONCRETE REINFORCED WITH WELDED WIRE FABRIC OR #4 BARS SPACED 12" O.C. IN EACH DIRECTION



LEGEND

---	PROPOSED R.O.W.
- - -	EXISTING R.O.W.
---	PROPOSED EOP
---	EXISTING EOP
---	606
---	EXISTING CONTOUR

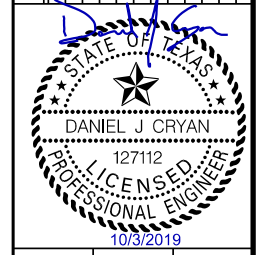
CULV D US
 2 - 30" 6:1 SETP-PD
 STA 1+25.00 CULV D C
 STA 177+24.91
 74.98' LT (HALO1)

US 183 NORTHBOUND

CULVERT D
 STA 177+24.95 HALO1
 STA 1+99.98 CULV B C
 30° PIPE DEFLECTION
 STA 2+90.00 CULV D C
 STA 177+24.99
 76.02' RT HALO1

CULV D DS
 2 - 30" 6:1 SETP-PD
 STA 2+90.00 CULV D C
 STA 177+18.00
 88.15' RT HALO1

29 CY RIPRAP (STONE PROTECTION) (18 IN) SEE DS HEADWALL GRADING POINT TABLE

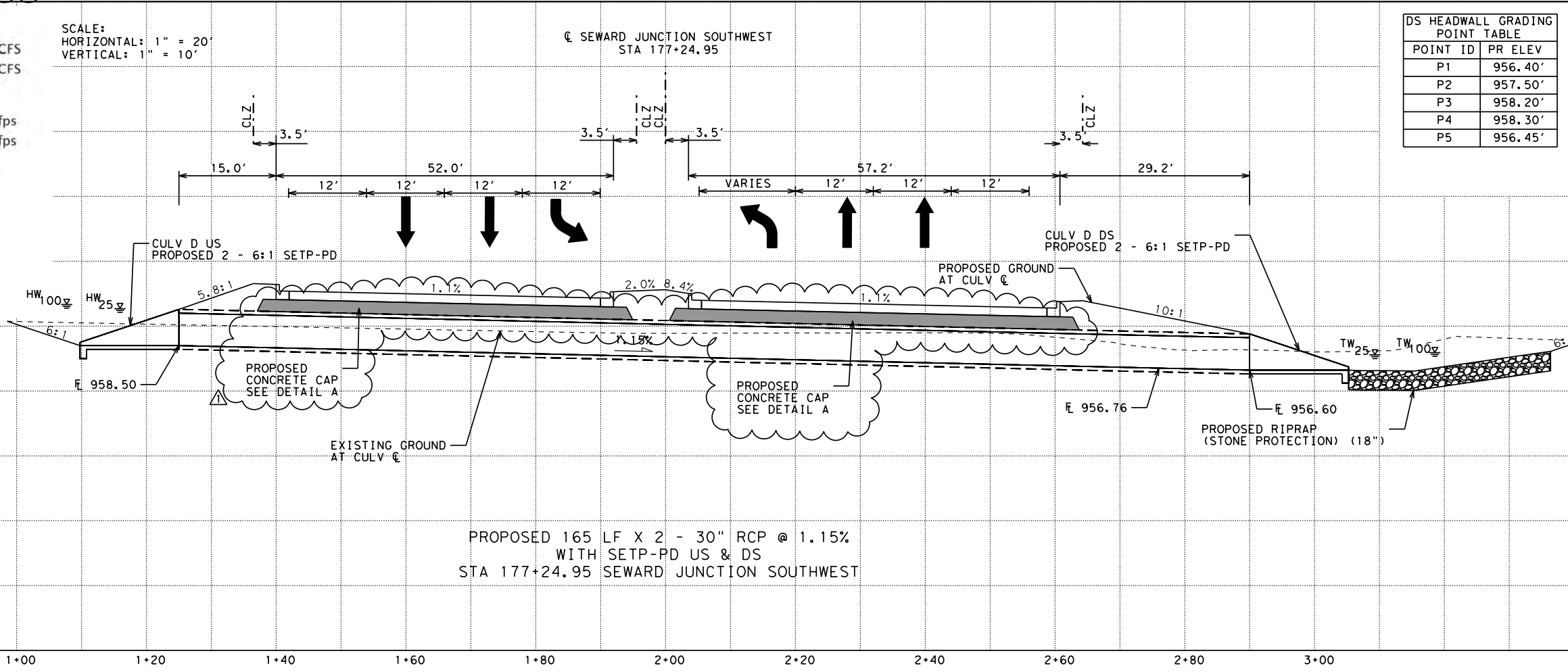


K FRIESE & ASSOCIATES, INC.
 1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746
 WILLIAMSON COUNTY
 US 183 AT SEWARD JUNCTION SOUTH
 CULVERT LAYOUT
 CULVERT D



WILLIAMSON COUNTY

SCALE	AS NOTED
DATE	10/3/2019
SHEET NUMBER	49 OF 92



CULVERT D

FLOW		
Q ₂₅	=	50.0 CFS
Q ₁₀₀	=	70.5 CFS
PROPOSED VELOCITY		
V ₂₅	=	9.7 fps
V ₁₀₀	=	10.1 fps
PROPOSED HEADWATER		
HW ₂₅	=	961.35
HW ₁₀₀	=	961.66
HW _{ALLOW}	=	961.46
PROPOSED TAILWATER		
TW ₂₅	=	957.78
TW ₀₀	=	957.95

SCALE:
 HORIZONTAL: 1" = 20'
 VERTICAL: 1" = 10'

PROPOSED 165 LF X 2 - 30" RCP @ 1.15%
 WITH SETP-PD US & DS
 STA 177+24.95 SEWARD JUNCTION SOUTHWEST

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