

Received

Received

FEB 10 2020

WILLIAMSON COUNTY, TEXAS

FEB 03 2020

HNTB Corporation
Round Rock

CHANGE ORDER NUMBER: 1

HNTB Corporation
Round Rock

RECEIVED

FEB 04 2020

BY: PST

1. CONTRACTOR: Jordan Foster Construction
2. Change Order Work Limits: Sta. 96+84 to Sta. 220+32
3. Type of Change (on federal-aid non-exempt projects): Minor (Major/Minor)
4. Reasons: 1A (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:

1A: Design Error or Omission. Incorrect PS&E. This change order revises items and quantities that were entered incorrectly or omitted in the bid tab for Seward Junction SW, Seward Junction SE and PEC Pond.

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).

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

The following information must be providedTime Ext. #: N/A Days added on this CO: 0Amount added by this change order: \$112,306.36THE CONTRACTOR Date 02-03-2020

By

Typed/Printed Name John Goodrich, P.E.Typed/Printed Title Executive Vice President**RECOMMENDED FOR EXECUTION:**

Project Manager

Date

N/A

Design Engineer

Date

Program Manager

Date

Design Engineer's Seal:

See attached plan sheets

County Commissioner Precinct 1

Date

☐ APPROVED☐ REQUEST APPROVAL

County Commissioner Precinct 2

Date

☐ APPROVED☐ REQUEST APPROVAL

County Commissioner Precinct 3

Date

☐ APPROVED☐ REQUEST APPROVAL

County Commissioner Precinct 4

Date

☐ APPROVED☐ REQUEST APPROVAL

County Judge

Date

☐ APPROVED

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 1

Project # 1812-282

TABLE A: Force Account Work and Materials Placed into Stock

	LABOR	HOURLY RATE			HOURLY RATE

TABLE B: Contract Items:

				ORIGINAL + PREVIOUSLY REVISED		ADD or (DEDUCT)	NEW		
ITEM	DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	ITEM COST	QUANTITY	QUANTITY	ITEM COST	OVERRUN/ UNDERRUN
	SEWARD JUNCTION SOUTHEAST								
132-6003	EMBANKMENT (FINAL)(ORD COMP)(TY B)	CY	\$9.00	0.00	\$0.00	4,989.00	4,989.00	\$44,901.00	\$44,901.00
247-6044	FL BS (CMP IN PLC)(TY A GR 4)(FNAL POS)	CY	\$28.00	0.00	\$0.00	8,381.00	8,381.00	\$234,668.00	\$234,668.00
260-6002	LIME (HYDRATED LIME (SLURRY))	TON	\$158.00	435.00	\$68,730.00	(435.00)	0.00	\$0.00	(\$68,730.00)
260-6027	LIME TRT (EXST MATL) (8")	SY	\$2.50	25,768.00	\$64,420.00	(25,768.00)	0.00	\$0.00	(\$64,420.00)
310-6001	PRIME COAT (MULTI OPTION)	GAL	\$4.00	0.00	\$0.00	4,347.00	4,347.00	\$17,388.00	\$17,388.00
530-6004	DRIVEWAYS (CONC)	SY	\$68.00	2,075.00	\$141,100.00	(920.00)	1,155.00	\$78,540.00	(\$62,560.00)
530-6005	DRIVEWAYS (ACP)	SY	\$40.00	0.00	\$0.00	920.00	920.00	\$36,800.00	\$36,800.00
	SEWARD JUNCTION SOUTHWEST								
341-6008	D-GR HMA TY-B PG64-22	TON	\$64.00	4,567.00	\$292,288.00	(2,653.00)	1,914.00	\$122,496.00	(\$169,792.00)
341-6038	D-GR HMA TY-D SAC-B PG64-22	TON	\$78.00	0.00	\$0.00	2,653.00	2,653.00	\$206,934.00	\$206,934.00
529-6032	CONCRETE GUTTER (MODIFIED)	LF	\$11.75	8,285.00	\$97,348.75	(8,285.00)	0.00	\$0.00	(\$97,348.75)
	PEC POND								
100-6001	PREPARING ROW (PEC POND)	LS	\$43,266.11	0.00	\$0.00	1.00	1.00	\$43,266.11	\$43,266.11
104-6024	REMOVING CONC (RETAINING WALLS)	SY	\$15.00	356.00	\$5,340.00	524.00	880.00	\$13,200.00	\$7,860.00
132-6003	EMBANKMENT (FINAL)(ORD COMP)(TY B)	CY	\$9.00	0.00	\$0.00	385.00	385.00	\$3,465.00	\$3,465.00
420-6074	CL C CONC (MISC)	CY	\$575.00	139.00	\$79,925.00	(35.00)	104.00	\$59,800.00	(\$20,125.00)
TOTALS					\$749,151.75			\$861,458.11	\$112,306.36

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

Seward Junction Improvements Williamson County Project No. 1812-282

Change Order No. 1

Reason for Change

This Change Order revises items and quantities that were entered incorrectly or omitted in the bid tab:

Seward Junction Southeast:

This Change Order corrects roadway quantities for Seward Junction Southeast portion. Roadway embankment, flexible base and prime coat are called for in the plans but were not included in the original bid. Lime treatment items are deleted according to the pavement section provided in RFI #4 response. There are six asphalt driveways that are called out on the plan but were incorrectly quantified as concrete driveways in the bid.

Seward Junction Southwest:

This Change Order changes the 1" bond breaker located under the concrete pavement from Type B HMAC to Type D HMAC because the minimum required lift thickness of Type B HMAC is 2 ½". Due to a duplicate item in the bid, this Change Order deletes Concrete Gutter (Modified) from the base bid.

PEC Pond:

This Change Order corrects bid quantities for the PEC pond. Preparing ROW and embankment are required on the plan but were not included in the bid quantities for PEC pond. The bid quantities of "Removing Concrete (Retaining Walls)" and "Class C Concrete (Misc.);" also do not match the quantities shown on the plan.

Following is a summary of new items required for this Change Order.

ITEM	DESCRIPTION	QTY	UNIT
530-6005	DRIVEWAYS (ACP)	920	SY
100-6001	PREPARING ROW – PEC POND	1	LS

This Change Order results in a net increase of \$112,306.36 to the Contract amount, for an adjusted Contract total of \$13,382,564.46. The original Contract amount was \$13,270,258.10. As a result of this and all Change Orders to-date, \$112,306.36 has been added to the Contract, resulting in an 0.85% net increase in the Contract cost. No additional days will be added to or deducted from the Contract as a result of this Change Order.

HNTB Corporation

James Klotz, P.E.

Feng Chen

Back-up for Following Change Order
Items for SJSE: 132-6003;
247-6044; 260-6002; 260-6027;
310-6001

Subject: RE: 1812-282 Seward Junction - RFI #4

see next page for updated quantities
from the designer for SJSE

From: Taryn Ficke, EIT <Taryn.Ficke@aguirre-fields.com>

Sent: Tuesday, July 23, 2019 6:14 PM

To: Eddie R. Church <erchurch@HNTB.com>; 62811_1812-282_SewardJunction <62811_1812-282_SewardJunction@HNTB.com>; Christen Eschberger <ceschberger@HNTB.com>; James Klotz <jklotz@HNTB.com>; Clayton Weber <cweber@HNTB.com>; Steven Shull <sshull@HNTB.com>; Feng Chen <fechen@HNTB.com>

Cc: David J. Lubitz, P.E. <Dave.Lubitz@aguirre-fields.com>; John Mutchler, P.E. <John.Mutchler@aguirre-fields.com>

Subject: FW: 1812-282 Seward Junction - RFI #4

Eddie,

The missing quantities requested are filled in below and the RFI #4 response is attached.

I removed the quantities for Lime Slurry and Lime TRT Exist Material. I did not see 8" of lime treated subgrade on the Seward Junction Southwest pavement section detail nor did they have it in the quantities below.

We only had it added in because of direction from Mark Cissell back when we were coming up with quantities for the alternative bid.

Let us know if you need anything else.

Taryn

Taryn Ficke, EIT



12708 Riata Vista Circle, Suite A-109, Austin, TX, 78727
D: (512) 609-1518 M: (512) 217-8135 T: (512) 610-8900
www.aguirre-fields.com

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

Sent: Monday, July 22, 2019 4:05 PM

To: Taryn Ficke, EIT <Taryn.Ficke@aguirre-fields.com>

Cc: 62811_1812-282_SewardJunction <62811_1812-282_SewardJunction@HNTB.com>; Christen Eschberger <ceschberger@HNTB.com>; James Klotz <jklotz@HNTB.com>; Clayton Weber <cweber@HNTB.com>; Steven Shull <sshull@HNTB.com>; Feng Chen <fechen@HNTB.com>; David J. Lubitz, P.E. <Dave.Lubitz@aguirre-fields.com>

Subject: FW: 1812-282 Seward Junction - RFI #4

Taryn,

Thank you for your response. Please provide the quantities for the yellow items below. Cross-sections do not have to be run. Hand calculations are sufficient.

Also, please provide an official response to RFI #4. I have attached a pdf of the SJSW concrete pavement typical sections, for your reference.

BID	TECH	DESCRIPTION	BID QUANTITY			UNIT
			SEWARD JUNCTION SOUTHWEST	SEWARD JUNCTION SOUTHWEST CROSSOVER @ U.S. 183	SEWARD JUNCTION SOUTHEAST	MEASURE
ITEM	SPEC ¹					
ALTERNATE 2 - RIGID PAVEMENT						
236	110-6001	EXCAVATION (ROADWAY)	35928	1817	26320	CY
237	132-6003	EMBANKMENT (FINAL)(ORD COMP)(TY B)	19275		4989	CY
238	247-6044	FL BS (CMP IN PLC)(TY A GR 4)(FNAL POS	18264	1847	8381	CY
239	260-6002	LIME (HYDRATED LIME (SLURRY))			0	TON
240	260-6027	LIME TRT (EXST MATL) (8")			0	SY
241	310-6001	PRIME COAT (MULTI OPTION)	10399	1006	4347	GAL
242	316-6193	AGGR(TY-D GR-5 SAC-B)	34	30		CY
243	316-6413	ASPH(AC-15P, HFRS-2P OR CRS-2P)	1383	1233		GAL
244	341-6008	D-GR HMA TY-B PG64-22	4567	1639	0	TON
245	341-6027	D-GR HMA TY-C SAC-B PG70-22	631	563		TON
246	341-6038	D-GR HMA TY-D SAC-B PG64-22			1493	TON
247	360-6005	CONC PVMT (CONT REINF - CRCP) (11")	41104		23842	SY
248	529-6002	CONC CURB (TY II)	7083		5709	LF
249	529-6008	CONC CURB & GUTTER (TY II)	1030		0	LF
250	529-6032	CONCRETE GUTTER (MODIFIED)	895			LF
251	530-6004	DRIVEWAYS (CONC)	1864		2075	SY

Thank you,

Eddie R. Church, PE

Project Manager

CELEBRATING 25th OFFICE ANNIVERSARY IN AUSTIN
AND MORE THAN 100 YEARS IN THE REGION

Tel (512) 527-6723 Email erchurch@hntb.com

From: Taryn Ficke, EIT [<mailto:Taryn.Ficke@aguirre-fields.com>]

Sent: Monday, July 22, 2019 1:48 PM

To: Clayton Weber <cweber@HNTB.com>

Cc: 62811_1812-282_SewardJunction <62811_1812-282_SewardJunction@HNTB.com>; 61272_SewardJunctionSE <61272_SewardJunctionSE@HNTB.com>; James Klotz <jklotz@HNTB.com>; Steven Shull <sshull@HNTB.com>; Christen Eschberger <ceschberger@HNTB.com>; Eddie R. Church <erchurch@HNTB.com>; Feng Chen <fechen@HNTB.com>; John Mutchler, P.E. <John.Mutchler@aguirre-fields.com>

Subject: RE: 1812-282 Seward Junction - RFI #4

Clayton,

I have reviewed our calculations and the numbers you have below appear to be correct for this level of accuracy.
Let me know if I can help in any other way.

Taryn



REQUEST FOR INFORMATION FORM

RFI NO.: 4

DATE: 6/4/19

PROJECT: Seward Junction Improvements
Wilco No. 1812-282

RESPONSE REQUESTED BY
DATE: ASAP

TO: HNTB: Eddie Church

REFERENCE: Proposed Typical Section

PROBLEM:

As the quantity matches the sections, JFC is currently under the assumption that the typical representing CRCP indicated as Detail "A-1" and "C-1" on the enclosed plan sheet will be the proposed typical for the Southwest including CR 263 and Falcon Ln and the Southeast including CR 266. Also, CR 213 including SH 29 will be the typical representing HMA indicated as Detail "D" on the enclosed plan sheet, and the South including the US 183 crossover will be the typical representing HMA indicated as Detail "A" on the enclosed plan sheet.. JFC requests clarification regarding the proposed typical sections to be constructed throughout the project.

RECOMMENDED SOLUTION:

JC Kindel
Originator

N/A
Supervisor

RESPONSE:

The typical concrete section for Seward Junction Southeast will be the same as Seward Junction Southwest : 11" CRCP, 1" HMA Type B (PG 64-22), Prime Coat & 12" Flexbase per Detail A-1 and D-1 in the Southwest plans and part of this document.

Responder

7/23/2019

Date

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

Mail original to: HNTB Corporation
101 E. Old Settlers Blvd. Suite 100
Round Rock, Texas 78664

Attachments to RFI: 3
Cc:

DATE: 1/21/2018
DRAWING FILE: I:\26901-1\CADD\GENERAL\269011GSDR01.dgn

SUMMARY OF DRIVEWAY QUANTITIES					
ITEM	400	432	529	530	530
DESC CODE	6006	6001	6008	6004	6005
DESCRIPTION	CUT & RESTORING PAV	RIPRAP (CONC) (4 IN)	CONC CURB & GUTTER (TY II)	DRIVEWAYS (CONC)	DRIVEWAYS (ACP)
UNIT	SY	CY	LF	SY	SY
CR 259					
DW179+63R				125	
DW180+73R					68
DW181+59L		7	235	143	
DW184+59L		2	155	136	
DW187+59L		1	168	433	
DW190+58L		2	155	136	
DW202+68R					323
DW207+36L				182	
DW209+86L			73		193
SUBTOTAL		12	786	1155	584
CR 266					
DW249+63R					
DW252+45R					
DW254+91R					70
DW259+71R					
DW261+92R					166
STA 257+50.00 to STA 262+50.00	11				
DW264+37R	8				
DW266+39R	15				
DW266+74R					100
SUBTOTAL	34				336
PROJECT TOTALS	34	12	786	1155	920

Back-up for the following Change Order Item for
SJSE: 530-6004 and 530-6005

Asphalt driveways were incorrectly quantified as
concrete driveways in the original bid. There is not a
bid item for asphalt driveway. Per discussion with the
contractor, we agree with paying the Driveway(ACP)
bid price in bid Alternate #1 (\$40/SY)

NO.	DATE	REVISIONS	RECOMM'D
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 AGUIRRE & FIELDS LP ENGINEERS AND PLANNERS TBPE FIRM REGISTRATION • 739			
SEWARD JUNCTION SOUTHEAST			
SUMMARY OF DRIVEWAY QUANTITIES			
DN: RAW	FED. RD. DIV. NO.	STATE	PROJECT NO.
CK DN: JRM	6	TEXAS	
DW: TJR	STATE DIST. NO.	COUNTY	CONTROL NO.
CK DW: JRM	AUS	WILLIAMSON	SECTION NO.
			JOB NO.
			SHEET NO.
			20

BID FORM
WILLIAMSON COUNTY, TEXAS

PROJECT: 1812-282 SEWARD JUNCTION IMPROVEMENTSBIDDER: Jordan Foster Construction

Full compensation for compliance with each and every provision of the Request for Bids, the Bid, the Specifications, and the Contract will be considered as included in the unit prices for the work set forth below, and no separate payment will be made for compliance with each and every provision of the Request for Bids, the Bid, the Specifications, and the Contract, unless separate payment is expressly provided for therein.

BASE BID						
BID	TECH	DESCRIPTION	BID QUANTITY	UNIT	UNIT COST	AMOUNT BID
ITEM	SPEC¹		TOTAL	MEASURE		
ALTERNATE 1 - FLEXIBLE PAVEMENT						
The final contract will include only one pavement alternate (Alternate 1, 2, or 3). These items will be in addition to the base bid.						
BID	TECH	DESCRIPTION	BID QUANTITY	UNIT	UNIT COST	AMOUNT BID
ITEM	SPEC¹		TOTAL	MEASURE		
TxDOT 225	110-6001	EXCAVATION (ROADWAY)	58350	CY	\$ 6.00	\$ 350,100.00
TxDOT 226	132-6003	EMBANKMENT (FINAL)(ORD COMP)(TY B)	25760	CY	\$ 9.00	\$ 231,840.00
TxDOT 227	247-6044	FLBS(CMP IN PLC)(TY A GR 4)(FNAL POS)	32065	CY	\$ 27.00	\$ 865,755.00
TxDOT 228	260-6002	LIME (HYDRATED LIME (SLURRY))	349	TON	\$ 160.00	\$ 55,840.00
TxDOT 229	260-6006	LIME TRT (EXST MATL) (6")	25768	SY	\$ 2.50	\$ 64,420.00
TxDOT 230	310-6001	PRIME COAT (MULTI OPTION)	14847	GAL	\$ 3.90	\$ 57,903.30
TxDOT 231	316-6005	ASPH(TIER II)	7404	GAL	\$ 3.15	\$ 23,322.60
TxDOT 232	316-6193	AGGR(TY-DGR-5 SAC-B)	508	CY	\$ 90.00	\$ 45,720.00
TxDOT 233	316-6413	ASPH(AC-15P, HFRS-2P OR CRS-2P)	12975	GAL	\$ 3.15	\$ 40,871.25
TxDOT 234	341-6008	D-GR HMA TY-B PG64-22	23763	TON	\$ 59.00	\$ 1,402,017.00
TxDOT 235	341-6027	D-GR HMA TY-C SAC-B PG70-22	8594	TON	\$ 78.00	\$ 670,332.00
TxDOT 236	529-6008	CONC CURB & GUTTER (TY II)	14812	LF	\$ 12.90	\$ 191,074.80
TxDOT 237	530-6004	DRIVEWAYS (CONC)	3109	SY	\$ 75.00	\$ 233,175.00
TxDOT 238	530-6005	DRIVEWAYS (ACP)	920	SY	\$ 40.00	\$ 36,800.00
NON-BID ITEMS TO BE INCLUDED IN BID AND CONTRACT AMOUNT. DO NOT MAKE CHANGES TO THIS SECTION.						
ALTERNATE 1 SUB-TOTAL AMOUNT						\$ 4,269,170.95

per discussion with the contractor, we agreed with using the bid price in Alternate #1 to pay asphalt driveway

¹Refer to the Technical Specifications section for a description of the specific reference number.

Back-up for the following Change Order items for
SJSW: 341-6008; 341-6038

** 8" GUTTER THICKNESS

ROADWAY PLAN & PROFILE SHEET NO.	LOCATION	SUMMARY OF ROADWAY ITEMS															
		100 6002	106 6002	110 6001	132 6003	247 6044	310 6001	316 6413	316 6193	341 6008	341 6027	360 6005	529 6002	529 6008 **	529 6032	530 6004	552 6001
		PREPARING ROW	OBLITERATING ABANDONED ROAD	EXCAVATION (ROADWAY)	EMBANKMENT (FINAL) (ORD COMP) (TY B)	FL BS (CMP IN PLC) (TY A GR 4) (FNAL POS	PRIME COAT (MULTI OPTION)	ASPH(AC-15P, HFRS-2P OR CRS-2P)	AGGR(TY-D GR-5 SAC-B)	D-GR HMA TY-B PG64- 22	D-GR HMA TY-C SAC-B PG70-22	CONC PVMT (CONT REINF - CRCP) (11")	CONC CURB (TY II)	CONC CURB & GUTTER (TY II)	CONCRETE GUTTER (MODIFIE D)	DRIVEWAYS (CONC)	WIRE FENCE (TY A)
		STA	SY	CY	CY	CY	GAL	GAL	CY	TON	TON	SY	LF	LF	LF	SY	LF
1 OF 8	SEWARD JUNCTION SW BEGIN TO STA 113+00.00	8.2		8,461	180	1,760	753	934	23	1,294	429			767	703		
2 OF 8	SEWARD JUNCTION SW STA 113+00.00 TO STA 123+00.00	10		2,106	4,158	1,974	809	1,012	25	1,396	465			1,017	1,006		
3 OF 8	SEWARD JUNCTION SW STA 123+00.00 TO STA 133+00.00	10		3,944	718	2,183	937	1,171	28	1,616	539			820	1,000	621	
4 OF 8	SEWARD JUNCTION SW STA 133+00.00 TO STA 143+00.00	10		740	5,056	2,115	901	1,126	27	1,554	518			830	996	551	
5 OF 8	SEWARD JUNCTION SW STA 143+00.00 TO STA 153+00.00	10		1,598	3,193	2,391	1,039	1,299	31	1,793	598			850	1,009	593	
6 OF 8	SEWARD JUNCTION SW STA 153+00.00 TO STA 163+00.00	10		5,363	2,399	2,546	1,145	1,394	34	1,949	638			939	579	190	
7 OF 8	SEWARD JUNCTION SW STA 163+00.00 TO STA 173+00.00	10		6,836	715	3,992	1,720	2,133	52	2,955	980			1,465	1,805		
8 OF 8	SEWARD JUNCTION SW STA 173+00.00 TO END	4.6		311	565	2,255	992	1,240	30	1,711	570			1,383	292		
1 OF 1	CR 213 BEGIN TO END	2.6		1,278	80	422	210	239	6	346	108						
1 OF 1	CR 263 STA 10+00.00 TO STA 14+60.32	3.9		53	2,159	1,489	622	774	19	1,071	356			745	639		
1 OF 1	FALCON LANE STA 10+00.00 TO STA 12+68.59	2.6		185	185	471	187	233	6	322	107			287	256		
1 OF 1	SH 29 ROADWAY PLAN	10.8		339	228	237	180	188	5	238	83						
1 OF 2	REMOVAL PLAN		1,695														
2 OF 2	REMOVAL PLAN		4,613														
1 OF 3	CHANNEL GRADING PLAN - OUTFALL F			1,020	159												
2 OF 3	CHANNEL GRADING PLAN - OUTFALL E			144	20												
3 OF 3	CHANNEL GRADING PLAN - OUTFALL A			1,375	569												
BASE BID TOTALS:		92.7	6,308	33,752	20,386	21,837	9,494	11,742	285	16,244	5,391	0	0	9,103	8,285	1,954	1,800
1 OF 8	SEWARD JUNCTION SW BEGIN TO STA 113+00.00	8.2		8,654	212	1,602	941	0	0	270	0	4,167	767	0	0		
2 OF 8	SEWARD JUNCTION SW STA 113+00.00 TO STA 123+00.00	10		2,157	4,014	1,717	1,008	0	0	289	0	4,421	1,018	0	0		
3 OF 8	SEWARD JUNCTION SW STA 123+00.00 TO STA 133+00.00	10		4,171	663	1,925	1,133	0	0	325	0	5,054	824	0	0	593	
4 OF 8	SEWARD JUNCTION SW STA 133+00.00 TO STA 143+00.00	10		995	4,654	1,863	1,096	0	0	314	0	4,873	835	0	0	527	
5 OF 8	SEWARD JUNCTION SW STA 143+00.00 TO STA 153+00.00	10		2,267	2,793	2,103	1,239	0	0	356	0	5,574	855	0	0	566	
6 OF 8	SEWARD JUNCTION SW STA 153+00.00 TO STA 163+00.00	10		5,596	2,280	2,233	1,313	0	0	377	0	5,808	942	0	0	178	
7 OF 8	SEWARD JUNCTION SW STA 163+00.00 TO STA 173+00.00	10		7,302	721	3,507	2,062	0	0	592	0	9,153	1,465	0	0		
8 OF 8	SEWARD JUNCTION SW STA 173+00.00 TO END	4.6		392	540	764	451	0	0	130	0	2,054	377	0	0		
1 OF 1	CR 213 BEGIN TO END	2.6		1,278	80	422	210	239	6	346	108						
1 OF 1	CR 263 STA 10+00.00 TO STA 14+60.32	3.9		53	2,159	1,467	617	767	19	1,062	353			741	639		
1 OF 1	FALCON LANE STA 10+00.00 TO STA 12+68.59	2.6		185	185	471	187	233	6	322	107			289	256		
1 OF 1	SH 29 ROADWAY PLAN	10.8		339	228	188	142	143	3	185	63						
1 OF 2	REMOVAL PLAN		1,695														
2 OF 2	REMOVAL PLAN		4,613														
1 OF 3	CHANNEL GRADING PLAN - OUTFALL F			1,020	159												
2 OF 3	CHANNEL GRADING PLAN - OUTFALL E			144	20												
3 OF 3	CHANNEL GRADING PLAN - OUTFALL A			1,375	569												
BID ALTERNATE TOTALS:		92.7	6,308	35,928	19,275	18,264	10,399	1,383	34	4,567	631	41,104	7,083	1,030	895	1,864	1,800

1" bond breaker is changed from Type B HMAC to Type D HMAC. Total = 2653 tons

 K FRIESE + ASSOCIATES PUBLIC PROJECT ENGINEERING (FIRM # 6536)		K FRIESE & ASSOCIATES, INC. 1120 S. CAPITAL OF TEXAS HWY, II-100, AUSTIN, TX 78746		REV. NO.	BY	DATE	REVISION DESCRIPTION
 WILLIAMSON COUNTY 1848		WILLIAMSON COUNTY SEWARD JUNCTION SW ROADWAY QUANTITIES					
WILLIAMSON COUNTY							
SCALE		AS NOTED					
DATE		12/4/2018					
SHEET NUMBER		13 OF 266					

BID FORM
WILLIAMSON COUNTY, TEXAS

Back-up for the following Change Order item for
SJSW: 529-6032

PROJECT:

1812-282 SEWARD JUNCTION IMPROVEMENTS

BIDDER:

Jordan Foster Construction

Full compensation for compliance with each and every provision of the Request for Bids, the Bid, the Specifications, and the Contract will be considered as included in the unit prices for the work set forth below, and no separate payment will be made for compliance with each and every provision of the Request for Bids, the Bid, the Specifications, and the Contract, unless separate payment is expressly provided for therein.

Item 101 and Item 253 are duplicate. Item #253 has the correct quantities. Item 101 is deleted with this change order.

BASE BID					
Spec.	ITEM	SPEC ¹	DESCRIPTION	BID QUANTITY	MEASURE
				UNIT	UNIT COST
TXDOT	94	506-6038	TEMPORARY SEDIMENT CONTROL FENCE (INSTALL)	5795	LF \$ 2.15
TXDOT	95	506-6039	TEMPORARY SEDIMENT CONTROL FENCE (REMOVE)	5795	LF \$ 0.50
TXDOT	96	506-6041	BIODEG EROSN CONT LOGS (INSTL) (12")	13813	LF \$ 3.90
TXDOT	97	506-6042	BIODEG EROSN CONT LOGS (INSTL) (18")	90	LF \$ 4.50
TXDOT	98	506-6043	BIODEG EROSN CONT LOGS (REMOVE)	13903	LF \$ 0.50
TXDOT	99	508-6001	CONSTRUCTING DETOURS	2690	SY \$ 80.00
TXDOT	100	529-6008	CONC CURB & GUTTER (TY II)	1006	LF \$ 19.00
TXDOT	101	529-6032	CONCRETE GUTTER (MODIFIED)	8285	LF \$ 11.75
TXDOT	102	529-6038	CONC CURB (RIBBON)	1188	LF \$ 15.50
TXDOT	103	540-6001	MTL V-BEAM GD FEN (TIM POST)	325	LF \$ 22.00
TXDOT	104	540-6006	MTL BEAM GD FEN TRANS (THREE-BEAM)	8	EA \$ 1,450.00
TXDOT	105	542-6001	REMOVE METAL BEAM GUARD FENCE	100	LF \$ 2.00
TXDOT	106	544-6001	GUARDRAIL END TREATMENT (INSTALL)	9	EA \$ 2,600.00
TXDOT	107	544-6003	GUARDRAIL END TREATMENT (REMOVE)	1	EA \$ 150.00
TXDOT	108	550-6001	CHAIN LINK FENCE (INSTALL) (6)	343	LF \$ 23.00
TXDOT	109	550-6006	GATE (REMOVE)	1	EA \$ 550.00
TXDOT	110	550-6011	CHAIN LINK FENCE GATE (INSTALL)(6'X4)	6	EA \$ 370.00
TXDOT	111	550-6020	CHAIN LINK FENCE (INSTALL) (4)	380	LF \$ 20.00
TXDOT	112	552-6001	WIRE FENCE (TY A)	1800	LF \$ 9.50
TXDOT	113	552-6003	WIRE FENCE (TY C)	3945	LF \$ 8.70
TXDOT	114	552-6004	WIRE FENCE (TY D)	188	LF \$ 12.00
TXDOT	115	552-6005	GATE (TY 1)	1	EA \$ 1,000.00
TXDOT	116	560-6011	MAILBOX INSTALL-S (TWM-POST) TY 4	1	EA \$ 180.00
TXDOT	117	560-6012	MAILBOX INSTALL-D (TWM-POST) TY 4	1	EA \$ 210.00
TXDOT	118	618-6053	CONDT (PVC) (SCH 80) (3")	1920	LF \$ 15.00
TXDOT	119	618-6054	CONDT (PVC) (SCH 80) (3") (BORE)	2568	LF \$ 30.00
TXDOT	120	624-6002	GROUND BOX TY A (12X31)W//APRON	16	EA \$ 850.00
TXDOT	121	644-6001	IN SM RD SN SUP&AM TY10BWG(1)SA(P)	10	EA \$ 500.00
TXDOT	122	644-6004	IN SM RD SN SUP&AM TY10BWG(1)SA(T)	1	EA \$ 485.00
TXDOT	123	644-6017	IN SM RD SN SUP&AM TY10BWG(2)SA(P)	4	EA \$ 745.00
TXDOT	124	644-6027	IN SM RD SN SUP&AM TY580(1)SA(P)	4	EA \$ 680.00

¹Refer to the Technical Specifications section for a description of the specific reference number.

BID FORM
WILLIAMSON COUNTY, TEXAS

PROJECT: 1812-282 SEWARD JUNCTION IMPROVEMENTSBIDDER: Jordan Foster Construction

Full compensation for compliance with each and every provision of the Request for Bids, the Bid, the Specifications, and the Contract will be considered as included in the unit prices for the work set forth below, and no separate payment will be made for compliance with each and every provision of the Request for Bids, the Bid, the Specifications, and the Contract, unless separate payment is expressly provided for therein.

BASE BID							
BID	TECH	DESCRIPTION	BID QUANTITY	UNIT	UNIT COST	AMOUNT BID	
ITEM	SPEC ¹		TOTAL	MEASURE			
ALTERNATE 2 - RIGID PAVEMENT							
The final contract will include only one pavement alternate (Alternate 1, 2, or 3). These items will be in addition to the base bid.							
BID	TECH	DESCRIPTION	BID QUANTITY	UNIT	UNIT COST	AMOUNT BID	
ITEM	SPEC ¹		TOTAL	MEASURE			
TxDOT	239	110-6001	EXCAVATION (ROADWAY)	64065	CY	\$ 5.35	\$ 342,747.75
TxDOT	240	132-6003	EMBANKMENT (FINAL)(ORD COMP)(TY B)	19275	CY	\$ 9.00	\$ 173,475.00
TxDOT	241	247-6044	FL BS (CMP IN PLC)(TY A GR 4)(FNAL POS)	20111	CY	\$ 28.00	\$ 563,108.00
TxDOT	242	260-6002	LIME (HYDRATED LIME (SLURRY))	435	TON	\$ 158.00	\$ 68,730.00
TxDOT	243	260-6027	LIME TRT (EXST MATL) (8")	25768	SY	\$ 2.50	\$ 64,420.00
TxDOT	244	310-6001	PRIME COAT (MULTI OPTION)	11405	GAL	\$ 4.00	\$ 45,620.00
TxDOT	245	316-6193	AGGR(TY-D GR-5 SAC-B)	64	CY	\$ 140.00	\$ 8,960.00
TxDOT	246	316-6413	ASPH(AC-15P, HFRS-2P OR CRS-2P)	2616	GAL	\$ 3.75	\$ 9,810.00
TxDOT	247	341-6008	D-GR HMA TY-B PG64-22	6206	TON	\$ 64.00	\$ 397,184.00
TxDOT	248	341-6027	D-GR HMA TY-C SAC-B PG70-22	1194	TON	\$ 97.00	\$ 115,818.00
TxDOT	249	341-6038	D-GR HMA TY-D SAC-B PG64-22	1493	TON	\$ 78.00	\$ 116,454.00
TxDOT	250	360-6005	CONC PVMT (CONT REINF - CRCP) (11")	64946	SY	\$ 58.75	\$ 3,815,577.50
TxDOT	251	529-6002	CONC CURB (TY II)	12792	LF	\$ 5.50	\$ 70,356.00
TxDOT	252	529-6008	CONC CURB & GUTTER (TY II)	1030	LF	\$ 11.50	\$ 11,845.00
TxDOT	253	529-6032	CONCRETE GUTTER (MODIFIED)	895	LF	\$ 16.00	\$ 14,320.00
TxDOT	254	530-6004	DRIVEWAYS (CONC)	3939	SY	\$ 68.00	\$ 267,852.00
NON-BID ITEMS TO BE INCLUDED IN BID AND CONTRACT AMOUNT. DO NOT MAKE CHANGES TO THIS SECTION.							
ALTERNATE 2 SUB-TOTAL AMOUNT						\$ 6,086,277.25	

¹Refer to the Technical Specifications section for a description of the specific reference number.

DATE: 1/10/2019 5:15:21 PM
FILE: P:\22000-22999\22568 Aguirre-Fields PEC Pond\CAD\Plans\03_QUANTITIES.dwg

ITEM CODE			ITEM NO.	DESCRIPTION	UNIT	TOTAL	
ITEM NO.	DESC. CODE	SP NO.				EST.	FINAL
100	6001		1	PREPARING ROW	AC	1	
104	6024		2	REMOVING CONC (RETAINING WALLS)	SY	880	
104	6028		3	REMOVING CONC (MISC)	EA	1	
104	6031		4	REMOVING CONC (HEADWALL)	CY	2	
110	6003		5	EXCAVATION (SPECIAL)	CY	2006	
132	6003		6	EMBANKMENT (FINAL)(ORD COMP)(TY B)	CY	385	
164	6003		7	BROADCAST SEED (PERM) (RURAL) (CLAY)	SY	2845	
170	6001		8	IRRIGATION SYSTEM	LS	1	
420	6074		9	CL C CONC (MISC)	CY	104	
423	6008		10	RETAINING WALL (CAST - IN - PLACE)	SF	540	
432	6002		11	RIPRAP (CONC)(5 IN)	CY	31	
432	6024		12	RIPRAP (STONE COMMON)(DRY)(12 IN)	CY	25	
464	6001		13	RC PIPE (CL III)(12 IN)	LF	38	
467	6326		14	SET (TY II) (12 IN) (RCP) (6: 1) (P)	EA	1	
496	6016		15	REMOV STR (PIPE)	EA	1	
496	6100		16	REMOVE STR (GABION)	LF	128	
500	6001		17	MOBILIZATION	LS	1	
506	6038		18	TEMP SEDMT CONT FENCE (INSTALL)	LF	210	
506	6039		19	TEMP SEDMT CONT FENCE (REMOVE)	LF	210	
506	6002		20	ROCK FILTER DAMS (INSTALL) (TY 2)	LF	15	
506	6011		21	ROCK FILTER DAMS (REMOVE)	LF	15	
506	6021		22	CONSTRUCTION EXITS (INSTALL) (TY 2)	SY	88	
506	6024		23	CONSTRUCTION EXITS (REMOVE)	SY	88	
550	6003		24	CHAIN LINK FENCE (REMOVE)	LF	476	
550	6006		25	GATE (REMOVE)	EA	2	
550	6011		26	CHAIN LINK FENCE GATE (INSTALL)(6'X4')	EA	6	
550	6020		27	CHAIN LINK FENCE (INSTALL) (4')	LF	380	
5009	6002		28	STONE MASONRY (ROCK WALL)	SF	2471	
WC9040			29	CONTECH 8'X22' STORMFILTER	EA	1	

Back-up for the following Change Order items for PEC pond: 100-6001; 104-6024; 132-6003; 420-6074

This quantity is not included in the bid.

This quantity is entered incorrectly on bid tab. Bid quantity was 356 SY

This quantity is not included in the bid.

This quantity is entered incorrectly on bid tab. Bid quantity was 139 CY



F-18122568

PEC POND RECONSTRUCTION

QUANTITIES

DS:	CK:	CONT	SECT	JOB	HIGHWAY
		----	---	----	CR 259
DW:	CK:	DIST	COUNTY		SHEET NO.
		AUS	WILLIAMSON		3



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

Back-up for the following Change Order
item for PEC pond: 100-6001

A Foundation of ExcellenceSM

November 22, 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 requested unit price for the work of preparing the ROW at the PEC Pond on the above referenced project.

Item 100-6002	PREPARING ROW (PEC POND)				
Contractor Cost per Unit				\$43,266.11	
Approx.	1	AC	@	\$43,266.11	= \$43,266.11

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

Prepare ROW
Located at PEC Pond

Estimated Quantity 1 AC

LABOR:

		Hourly Wages	Overtime Factor 37.5%	Payroll Taxes/Insur. 55%	Contractor Compensation 25%	Total Hourly Rate	Number of Hours		Total Cost
Spot Existing Utility									
	<u>Name</u>								
1	Foreman	26.00	9.75	19.66	8.94	64.35	2.00	=	\$ 128.70
1	Backhoe Operator	18.00	6.75	13.61	6.19	44.55	2.00	=	\$ 89.10
1	Utility Laborer	16.00	6.00	12.10	5.50	39.60	2.00	=	\$ 79.20
									\$ 297.00
Strip Topsoil									
	<u>Name</u>								
1	Foreman	26.00	9.75	19.66	8.94	64.35	4.00	=	\$ 257.40
1	Motorgrader Operator	26.00	9.75	19.66	8.94	64.35	4.00	=	\$ 257.40
1	Scraper Operator	22.00	8.25	16.64	7.56	54.45	4.00	=	\$ 217.80
									\$ 732.60
Remove Existing Landscaping									
	<u>Name</u>								
1	Foreman	26.00	9.75	19.66	8.94	64.35	4.00	=	\$ 257.40
1	Excavator Operator	23.00	8.63	17.39	7.91	56.93	4.00	=	\$ 227.70
									\$ 485.10
Remove Existing Trees									
	<u>Name</u>								
1	Foreman	26.00	9.75	19.66	8.94	64.35	8.00	=	\$ 514.80
1	Excavator Operator	23.00	8.63	17.39	7.91	56.93	8.00	=	\$ 455.40
1	Loader Operator	19.50	7.31	14.75	6.70	48.26	8.00	=	\$ 386.10
									\$ 1,356.30
Remove Existing Perimeter Chain Link Fence									
	<u>Name</u>								
1	Foreman	26.00	9.75	19.66	8.94	64.35	4.00	=	\$ 257.40
1	Loader Operator	19.50	7.31	14.75	6.70	48.26	4.00	=	\$ 193.05
5	Common Laborer	16.00	6.00	12.10	5.50	39.60	4.00	=	\$ 792.00
									\$ 1,242.45
Remove Existing Stone Bricks									
	<u>Name</u>								
1	Foreman	26.00	9.75	19.66	8.94	64.35	16.00	=	\$ 1,029.60
1	Forklift Operator	19.50	7.31	14.75	6.70	48.26	16.00	=	\$ 772.20
18	Utility Laborer	18.50	6.94	13.99	6.36	45.79	16.00	=	\$ 13,186.80
									\$ 14,988.60
Remove Existing Splitter Box									
	<u>Name</u>								
1	Foreman	26.00	9.75	19.66	8.94	64.35	24.00	=	\$ 1,544.40
1	Excavator Operator	23.00	8.63	17.39	7.91	56.93	24.00	=	\$ 1,366.20
1	Loader Operator	19.50	7.31	14.75	6.70	48.26	24.00	=	\$ 1,158.30
									\$ 4,068.90

SUBCONTRACTOR:

	Quantity Unit	Subcontractor Rate	Subcontractor Compensation 5%	Total Subcontractor Rate		
Dumpster	3.00 EA	260.00	13.00	273.00	=	\$ 819.00
						\$ 819.00

EQUIPMENT:

	Quantity Unit	Equipment Rate	Equipment Compensation 15%	Total Equipment Rate		
Backhoe, Deere 310G	2.00 HR	30.11	4.52	34.63	=	\$ 69.25
Motorgrader, Caterpillar 140M	4.00 HR	106.47	15.97	122.44	=	\$ 489.76
Scraper, Caterpillar 623G	4.00 HR	319.38	47.91	367.29	=	\$ 1,469.15
Excavator, Caterpillar 330D	36.00 HR	160.35	24.05	184.40	=	\$ 6,638.49
Loader, Caterpillar 938K	36.00 HR	160.35	24.05	184.40	=	\$ 6,638.49
Forklift, Caterpillar TL943C	16.00 HR	51.78	7.77	59.55	=	\$ 952.75
Pickup	62.00 HR	20.84	3.13	23.97	=	\$ 1,485.89
Dump Truck	12.00 HR	80.00	12.00	92.00	=	\$ 1,104.00
						\$ 18,847.79

SUBTOTAL COST			\$ 42,837.74
Bond Cost	1%		\$ 428.38
TOTAL COST			\$ 43,266.11
UNIT PRICE			\$43,266.11 /AC