

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 2

1. CONTRACTOR: DeNucci Constructors
2. Change Order Work Limits: Sta. 175+50 to Sta. 178+00
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>Hairy Man/Brushy Creek</u>
Roadway:	<u>Rdwy Improvements</u>
CSJ Number:	<u>T2232</u>

5. Describe the work being revised:

1A: Incorrect PS&E. This Change Order adds an item to pay for installation of three 3' x 3' - 3' x 3' drop inlets and removes two 5' x 3' - 3' x 3' drop inlets that were included in the original plans. Plan sheet 111 shows to install three 3' x 3' - 3' x 3' inlets but the Summary of Estimated Quantities on Sheet 16 and the pay app show two 5' x 3' - 3' x 3' inlets.

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.

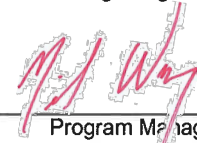
Each signatory hereby warrants that each has the authority to execute this Change Order (CO).

<i>The contractor must sign the Change Order and, by doing so, agrees to waive any and all claims for additional compensation due to any and all other expenses; additional changes for time, overhead and profit; or loss of compensation as a result of this change.</i> THE CONTRACTOR Date <u>7-14-2021</u> By <u>R DeNucci</u> Typed/Printed Name <u>Ryan DeNucci</u> Typed/Printed Title <u>Project Manager</u>	The following information must be provided Time Ext. #: <u>N/A</u> Days added on this CO: <u>0</u> Amount added by this change order: <u>\$3,900.00</u>
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RECOMMENDED FOR EXECUTION:

 7/14/21
Project Manager Date

N/A
Design Engineer Date

 7/14/2021
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

County Judge Date
☐ APPROVED

CHANGE ORDER NUMBER: 2

[illegible]

ITEM	DESCRIPTION	UNIT	UNIT PRICE	ORIGINAL + PREVIOUSLY REVISED		ADD or (DEDUCT)	NEW		OVERRUN/ UNDERRUN \$13,500.00 (\$9,600.00)
				QUANTITY	ITEM COST		QUANTITY	ITEM COST	
0465-6126	INLET (COMPL)(PSL)(FG)(3FTX3FT-3FTX3FT)	EA	\$4,500.00	0.00	\$0.00	3.00	3.00	\$13,500.00	
0465-6134	INLET (COMPL)(PSL)(FG)(5FTX5FT-3FTX3FT)	EA	\$4,800.00	3.00	\$14,400.00	(2.00)	1.00	\$4,800.00	
TOTALS					\$14,400.00			\$18,300.00	\$3,900.00

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

**Hairy Man Road/Brushy Creek Road Improvements
Williamson County Project No. T2232**

Change Order No. 2

Reason for Change

This Change Order adds one new item for 3FTx3FT-3FTx3FT Drop Inlets and reduces one existing item. The estimated quantities had a quantity of 2 EA of Inlet 5FTx3FT-3FTx3FT but the plan sheet called for 3 EA of Inlet 3FTx3FT-3FTx3FT at the same location. This Change Order makes the quantity adjustments for this error.

The following new item will be added by this Change Order.

ITEM	DESCRIPTION	QUANTITY	UNIT
0465-6126	INLET (COMPL)(PSL)(FG)(3FTx3FT-3FTx3FT)	3	EA

This Change Order results in a net increase of \$3,900.00 to the Contract amount, for an adjusted Contract total of \$3,974,320.00. The original Contract amount was \$3,964,380.00. As a result of this and all Change Orders to-date, \$9,940.00 has been added to the Contract, resulting in a .25% net increase in the overall Contract cost. No time will be added to the Contract for this Change Order.

HNTB Corporation

Lowell Choate, P.E.

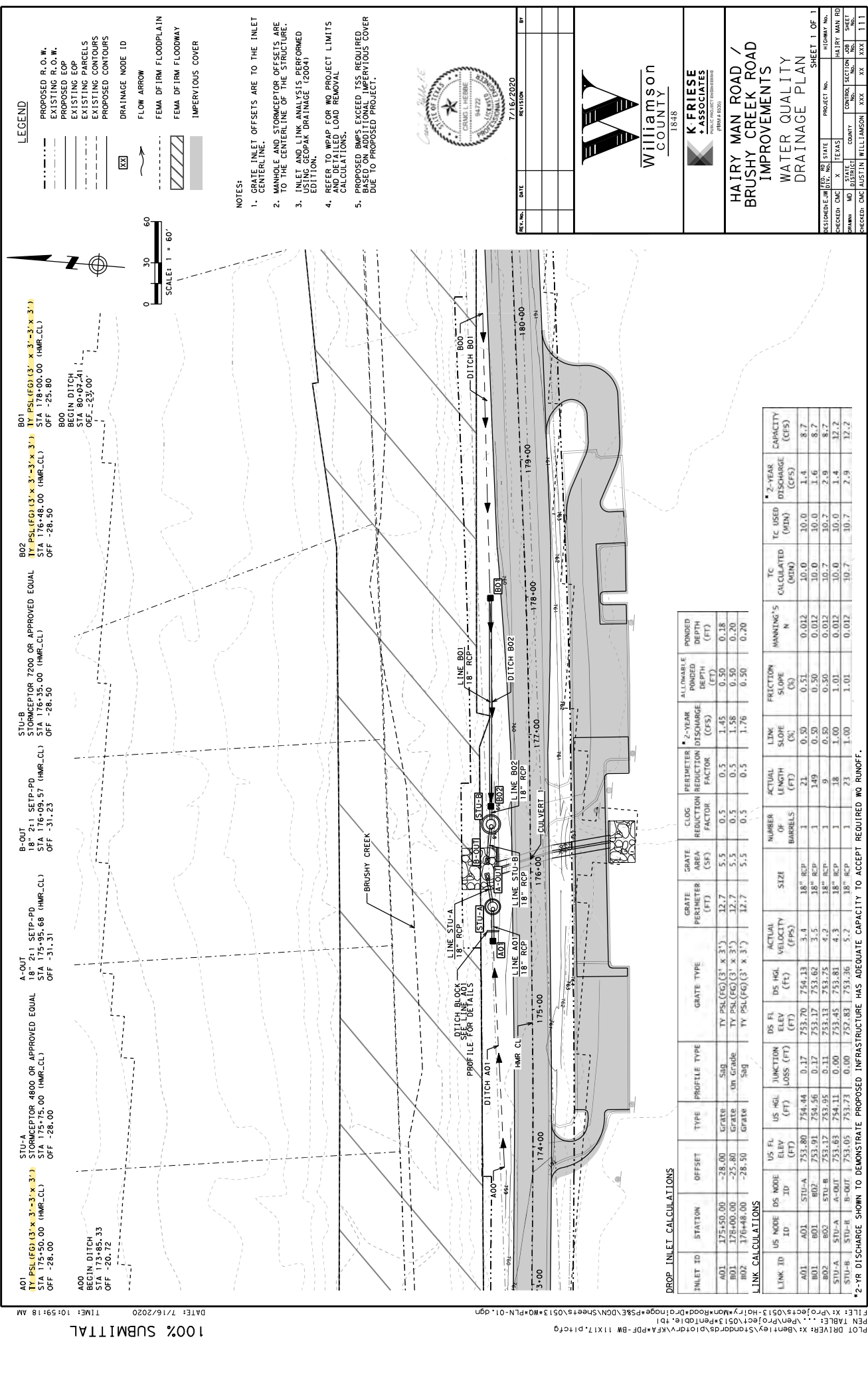
ITEM NO., DESC., CODE (TX0007)		BEGINNING STATION	ENDING STATION	SUMMARY OF DRAINAGE QUANTITIES													
SHEET NO.				402 6001	432 6002	432 6031	432 6033	460 6001	460 6007	465 6002	467 6000	464 6003	464 6007	464 6008	464 6009	465 6024	465 6133
		TRENCH ENCAVATION PROTECTION		RIPRAP (CONC.) (5 IN) PROTECTION	RIPRAP (STONE) PROTECTION) (18 IN)	RIPRAP (STONE) PROTECTION) (18 IN)	CMP STL 12 IN	CMP STL 48 IN	WASH COMPL (PR 40) (48IN)	CONC BOX CULV (7FTX5FT) (EX TENO)	RC PIPE (C III) (15 IN)	RC PIPE (C III) (18 IN)	RC PIPE (CUL III) (30 IN)	RC PIPE (CUL III) (36 IN)	INLET (COMPL.) (PSL) (RC) (5FTX5FT)	INLET (COMPL.) (PSL) (FG) (4FTX5FT-3FTX5FT)	INLET (COMPL.) (PSL) (FG) (5FTX5FT-3FTX5FT)
CULVPIPE 1, 1 OF 9		176+09.84															
CULVPIPE 2, 2 OF 9		193+85.73	15		80			88									
CULVPIPE 3, 3 OF 9		230+23.13	32		15			9									
CULVPIPE 4, 4 OF 9		501+74.87					3			2							
CULVPIPE 5, 5 OF 9		504+16.77															
CULVPIPE 6, 6 OF 9		509+60.42			4												
CULVPIPE 7, 7 OF 9		251+90.74			9			7									
CULVPIPE 8, 8 OF 9		259+22.40															
CULVPIPE 9, 9 OF 9		268+70.31															
DRAINAGE PP, 1 OF 2		271+65	352						2								1
DRAINAGE PP, 2 OF 2		277+00	899		37								858	391	88	2	3
TOTAL		1,264		4	9	211	10	97	2	2	220	220	858	391	88	2	3
WQ DRAINAGE PLAN																	2

ITEM NO., DESC., CODE (TWOOT)		BEGINNING STATION	ENDING STATION	SUMMARY OF DRAINAGE QUANTITIES															496 6007	480 6001	496 6006	467 6461	467 6354	467 6345	467 6316	466 6182	466 6181	466 6136	466 6127	466 6126	466 6103	466 6126	466 6127	466 6136	466 6182	466 6181	466 6136	466 6127	466 6126	466 6103	466 6126	466 6127	466 6136	466 6182	466 6181	466 6136	466 6127	466 6126	466 6103	466 6126	466 6127	466 6136	466 6182	466 6181	466 6136	466 6127	466 6126	466 6103	466 6126	466 6127	466 6136	466 6182	466 6181	466 6136	466 6127	466 6126	466 6103	466 6126	466 6127	466 6136	466 6182	466 6181	466 6136	466 6127	466 6126	466 6103	466 6126	466 6127	466 6136	466 6182	466 6181	466 6136	466 6127	466 6126	466 6103	466 6126	466 6127	466 6136	466 6182	466 6181	466 6136	466 6127	466 6126	466 6103	466 6126	466 6127	466 6136	466 6182	466 6181	466 6136	466 6127	466 6126	466 6103	466 6126	466 6127	466 6136	466 6182	466 6181	466 6136	466 6127	466 6126	466 6103	466 6126	466 6127	466 6136	466 6182	466 6181	466 6136	466 6127	466 6126	466 6103	466 6126	466 6127	466 6136	466 6182	466 6181	466 6136	466 6127	466 6126	466 6103	466 6126	466 6127	466 6136	466 6182	466 6181	466 6136	466 6127	466 6126	466 6103	466 6126	466 6127	466 6136	466 6182	466 6181	466 6136	466 6127	466 6126	466 6103	466 6126	466 6127	466 6136	466 6182	466 6181	466 6136	466 6127	466 6126	466 6103	466 6126	466 6127	466 6136	466 6182	466 6181	466 6136	466 6127	466 6126	466 6103	466 6126	466 6127	466 6136	466 6182	466 6181	466 6136	466 6127	466 6126	466 6103	466 6126	466 6127	466 6136	466 6182	466 6181	466 6136	466 6127	466 6126	466 6103	466 6126	466 6127	466 6136	466 6182	466 6181	466 6136	466 6127	466 6126	466 6103	466 6126	466 6127	466 6136	466 6182	466 6181	466 6136	466 6127	466 6126	466 6103	466 6126	466 6127	466 6136	466 6182	466 6181	466 6136	466 6127	466 6126	466 6103	466 6126	466 6127	466 6136	466 6182	466 6181	466 6136	466 6127	466 6126	466 6103	466 6126	466 6127	466 6136	466 6182	466 6181	466 6136	466 6127	466 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SUMMARY OF SHIPP QUANTITIES													
ITEM NO.	DESC.	CODE	UNIT	160 W01	164 W01	164 W05	164 W10	164 W10	164 W10	164 W10	164 W10	164 W10	164 W10
SHEET NO.				BEGINNING STATION				ENDING STATION				FURNISHING AND PLACING TOPSOIL	
SHEET 1 OF 7				187+00									
SHEET 2 OF 7				207+00									
SHEET 3 OF 7				207+00									
SHEET 4 OF 7				227+00									
SHEET 5 OF 7				227+00									
SHEET 6 OF 7				267+00									
SHEET 7 OF 7				287+00									
TOTAL				29790				14895				326	

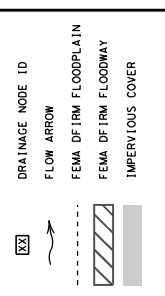
SUMMARY OF SHIPP QUANTITIES													
ITEM NO.	DESC.	CODE	UNIT	160 W01	164 W01	164 W05	164 W10	164 W10	164 W10	164 W10	164 W10	164 W10	164 W10
SHEET NO.				BEGINNING STATION				ENDING STATION				FURNISHING AND PLACING TOPSOIL	
SHEET 1 OF 7				187+00									
SHEET 2 OF 7				207+00									
SHEET 3 OF 7				207+00									
SHEET 4 OF 7				227+00									
SHEET 5 OF 7				227+00									
SHEET 6 OF 7				267+00									
SHEET 7 OF 7				287+00									
TOTAL				29790				14895				326	

SUMMARY OF SHIPP QUANTITIES													
ITEM NO.	DESC.	CODE	UNIT	160 W01	164 W01	164 W05	164 W10	164 W10	164 W10	164 W10	164 W10	164 W10	164 W10
SHEET NO.				BEGINNING STATION				ENDING STATION				FURNISHING AND PLACING TOPSOIL	
SHEET 1 OF 7				187+00									
SHEET 2 OF 7				207+00									
SHEET 3 OF 7				207+00									
SHEET 4 OF 7				227+00									
SHEET 5 OF 7				227+00									
SHEET 6 OF 7				267+00									
SHEET 7 OF 7				287+00									



LEGEND

---	PROPOSED R.O.W.
---	EXISTING R.O.W.
---	PROPOSED EOP
---	EXISTING EOP
---	EXISTING PARCELS
---	EXISTING CONTOURS
---	PROPOSED CONTOURS
XX	DRAINAGE NODE ID
→	FLOW ARROW
---	FEMA DFRM FLOODPLAIN
---	FEMA DFRM FLOODWAY
---	IMPERVIOUS COVER

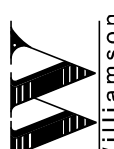


- NOTES:**
1. GRATE INLET OFFSETS ARE TO THE INLET CENTERLINE.
 2. MANHOLE AND STORMRECEPTOR OFFSETS ARE TO THE CENTERLINE OF THE STRUCTURE.
 3. INLET AND LINK ANALYSIS PERFORMED USING 2004 EDITION.
 4. REFER TO WRAP FOR WQ PROJECT LIMITS CALCULATIONS.
 5. PROPOSED BMPs EXCEED ISS REQUIRED BASED ON ADDITIONAL IMPERVIOUS COVER DUE TO PROPOSED PROJECT.

DATE: 7/16/2020
BY: [Signature]



Seal of Williamson County, Texas



K FRIESE & ASSOCIATES
Professional Engineers
1848

HAIRY MAN ROAD / BRUSHY CREEK ROAD IMPROVEMENTS WATER QUALITY DRAINAGE PLAN	
PROJECT No.	1
STATE	TEXAS
COUNTY	WILLIAMSON
SECTION	XX
SHEET	111

DROP INLET CALCULATIONS		LINK CALCULATIONS													
INLET ID	STATION	TYPE	PROFILE TYPE	GRATE TYPE	GRATE PERIMETER (FT)	GRATE AREA (SF)	CLOG REDUCTION FACTOR	PERIMETER REDUCTION FACTOR	2-YEAR DISCHARGE (CFS)	ALLOWABLE PONDED DEPTH (FT)	PONDED DEPTH (FT)				
A01	175+50.00	Grate	Sag	TY PSL(40)(3' x 3')	12.7	5.5	0.5	0.5	1.45	0.50	0.18				
B01	176+00.00	Grate	Un grade	TY PSL(40)(3' x 3')	12.7	5.5	0.5	0.5	1.58	0.50	0.20				
B02	176+48.00	Grate	Sag	TY PSL(40)(3' x 3')	12.7	5.5	0.5	0.5	1.76	0.50	0.20				
LINK ID		US FL ELEV (FT)	US HGL (FT)	JUNCTION LOSS (FT)	DS FL ELEV (FT)	DS HGL (FT)	ACTUAL VELOCITY (FPS)	NUMBER OF BARRELS	LINK SLOPE (%)	FRICITION	MANING'S N	2-YEAR DISCHARGE (CFS)	TC USED (MIN)	TC CALCULATED (MIN)	CAPACITY (CFS)
A01	A01	753.80	754.44	0.17	753.70	754.13	3.4	18" RCP	1	0.50	0.51	10.0	10.0	10.0	8.7
B01	B01	753.91	754.56	0.17	753.17	753.62	3.5	18" RCP	1	0.50	0.50	10.0	10.0	10.0	8.7
B02	B02	753.17	753.95	0.11	753.13	753.75	4.2	18" RCP	1	0.50	0.50	10.0	10.0	10.0	8.7
STU-A	STU-A	753.05	753.73	0.00	753.45	753.81	5.2	18" RCP	1	1.00	1.01	10.0	10.0	10.0	12.2
STU-B	STU-B	752.83	753.36	0.00	752.83	753.36	5.2	18" RCP	1	1.00	1.01	10.0	10.0	10.0	12.2

CHANGE ORDER PROPOSAL

Contractor: DeNucci Constructors, LLC.

Project Name: T2232 Hairy Man Road/Brushy Creek Road Improvements

Change Order Proposal Number: 1 Date: 6/10/2021

Description:	Quantity	Unit	Price	Total
Change order to substitute 3x3-3x3 for 5x5-3x3 Storm Junction Boxes at Sta 176+48.00 and 178+00.00				

Labor:		Position	Quantity	RT Hrs	OT Hrs	RT Rate	OT Rate	Total
		Utility Foreman				\$50.00	\$75.00	\$0.00
		Utility Lead Man				\$42.50	\$63.75	\$0.00
		Operators				\$24.00	\$36.00	\$0.00
		T/S Tech				\$23.00	\$34.50	\$0.00
		Laborers				\$20.00	\$30.00	\$0.00
						\$0.00	\$0.00	\$0.00
						\$0.00	\$0.00	\$0.00
						\$0.00	\$0.00	\$0.00
		Truck Driver				\$0.00	\$0.00	\$0.00

Material	Description	Quantity	Unit	Rate	Total
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00

Subcontractors/Vendors:		Total	
Description			

[illegible][illegible]

Labor		
Labor Burden	55%	\$0.00
Labor P & O	25%	\$0.00
Material		\$0.00
Material P & O	25%	\$0.00
Subcontractor		\$0.00
Subcontractor P & O	25%	\$0.00
Bid Item		-\$500.00
Equipment		\$0.00
Bond	1%	-\$6.00
TOTAL		-\$506.00

Additional days requested: 0

CONSTRUCTION PROJECT - AVERAGE LOW BID

District		AUSTIN		AUSTIN		14		AUSTIN	
ITEM CODE		ITEM DESCRIPTION		ITEM UNIT		3 Month		12 Month	
04656126		INLET (COMPL)(PSL)(FG)(3FTX3FT-3FTX3FT)		EA		DISTRICT14 - 3M COUNT		DISTRICT14 - 3M AVG	
						2		8.00	
						DISTRICT14 - 3M QUANTITY		DISTRICT14 - 12M COUNT	
						8.00		4	
						DISTRICT14 - 12M QUANTITY		DISTRICT14 - 12M AVG	
						27.00		\$4,553.36	

Austin District average bid price ranges from \$4,418 to \$4,553 EA, therefore the contractors proposed price of \$4,500 EA is found to be fair and reasonable.