

Received

FEB 16 2018

HNTB Corporation
Round Rock

Received

FEB 20 2018

HNTB Corporation
Round Rock

RECEIVED

FEB 19 2018

BY: PST

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 4

1. CONTRACTOR: Jimmy Evans Construction

2. Change Order Work Limits: Sta. 30+00 to Sta. 98+00

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

4. Reasons: 2E, 1A, 3F (3 Max. - In order of importance - Primary first)

Project: 1607-102
Roadway: Pearson Ranch Road Extension
CSJ Number:

5. Describe the work being revised:

2E: Differing Site Conditions (unforeseeable). Miscellaneous difference in site conditions (unforeseeable). This Change Order provides the final balancing for the overrun/underrun of Contract quantities. Changes to final quantities on the project were the result of addressing field conditions not accounted for in the original plans, including additional boring due to unknown utility conflict.
1A. Design Error or Omission. Incorrect PS&E. This Change Order corrects multiple discrepancies in quantities between the plans and Quantity Summaries. **3F County Convenience. Additional work desired by the County.** This Change Order pays for a road to the water quality pond for maintenance access, removal of existing bollards within the ROW, additional signs and object markers.

6. Work to be performed in accordance with Items: See attached.

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

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 provided

Time Ext. #: N/A Days added on this CO: 0

Amount added by this change order: \$154,700.48

THE CONTRACTOR Date 2/15/18
By: [Signature]
Typed/Printed Name Ramon Puentez
Typed/Printed Title Const. Mgr.

RECOMMENDED FOR EXECUTION:

[Signature] P.E. 2/16/18
Project Manager Date

N/A
Design Engineer Date

[Signature] 2/22/18
Program Manager Date

City Engineer 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: 4

Project # 1607-102

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	ITEM COST	
104-6015	REMOVING CONC (SIDEWALKS)	SY	\$15.00	268.00	\$4,020.00	16.60	284.60	\$4,269.00	\$249.00
160-WC02	FURNISH AND PLACE TOPSOIL (4")	SY	\$2.00	11,917.00	\$23,834.00	22,979.14	34,896.14	\$69,792.28	\$45,958.28
162-6002	BLOCK SODDING	SY	\$4.00	2,892.00	\$11,568.00	(2,892.00)	0.00	\$0.00	(\$11,568.00)
164-WC01	SEEDING FOR EROSION CONTROL (TY 4)	SY	\$0.21	4,471.00	\$938.91	(4,471.00)	0.00	\$0.00	(\$938.91)
164-WC07	SEEDING FOR EROSION CONTROL (TY 7)	SY	\$0.56	8,942.00	\$5,007.52	25,954.14	34,896.14	\$19,541.84	\$14,534.32
164-WC10	SEEDING FOR EROSION CONTROL (TY 10)	SY	\$0.19	4,471.00	\$849.49	(4,471.00)	0.00	\$0.00	(\$849.49)
169-6001	SOIL RETENTION BLANKETS (CL 1) (TY A)	SY	\$1.50	11,834.00	\$17,751.00	23,062.14	34,896.14	\$52,344.21	\$34,593.21
247-6044	FL BS (CMP IN PLACE)(TY A GR 4)(FNL POS)	CY	\$42.00	13,686.00	\$574,812.00	(103.11)	13,582.89	\$570,481.38	(\$4,330.62)
260-6001	LIME (HYDRATED LIME) (DRY)	TON	\$170.00	294.00	\$49,980.00	(55.72)	238.28	\$40,507.60	(\$9,472.40)
260-6027	LIME TRT (EXIST MATERIAL) (8")	SY	\$2.50	40,812.00	\$102,030.00	(27,114.00)	13,698.00	\$34,245.00	(\$67,785.00)
310-6027	PRIME COAT (MC-30 OR AE-P)	GAL	\$3.20	6,418.00	\$20,537.60	57.00	6,475.00	\$20,720.00	\$182.40
316-6193	AGGR (TY-D GR-5 SAC-B)	CY	\$81.00	193.00	\$15,633.00	32.00	225.00	\$18,225.00	\$2,592.00
316-6413	ASPH (AC-15P, HFRS-2P OR CRS-2P)	GAL	\$3.20	8,022.00	\$25,670.40	(572.00)	7,450.00	\$23,840.00	(\$1,830.40)
340-6011	D-GR HMA (SQ) TY-B PG64-22	TON	\$80.00	530.00	\$42,400.00	121.36	651.36	\$52,108.80	\$9,708.80
341-6027	D-GR HMA (SQ) TY-C PG70-22	TON	\$80.00	7,380.00	\$590,400.00	500.05	7,880.05	\$630,404.00	\$40,004.00
402-6001	TRENCH EXCAVATION	LF	\$1.60	2,489.00	\$3,982.40	64.00	2,553.00	\$4,084.80	\$102.40
464-6003	RC PIPE (CL III)(18IN)	LF	\$55.00	791.00	\$43,505.00	(242.00)	549.00	\$30,195.00	(\$13,310.00)
TOTALS					\$1,532,919.32			\$1,570,758.91	\$37,839.59

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 4

Project # 1607-102

TABLE B: Contract Items (Continued)

				ORIGINAL + PREVIOUSLY REVISED		ADD or (DEDUCT)	NEW		
ITEM	DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	ITEM COST	QUANTITY	QUANTITY	ITEM COST	OVERRUN/ UNDERRUN
464-6005	RC PIPE (CL III)(24IN)	LF	\$66.00	843.00	\$55,638.00	339.00	1,182.00	\$78,012.00	\$22,374.00
479-6001	ADJUSTING MANHOLES	EA	\$688.00	8.00	\$5,504.00	11.00	19.00	\$13,072.00	\$7,568.00
506-6003	ROCK FILTER DAMS (INSTALL)(TY 3)	LF	\$42.00	105.00	\$4,410.00	25.00	130.00	\$5,460.00	\$1,050.00
506-6011	ROCK FILTER DAMS (REMOVE)	LF	\$6.60	105.00	\$693.00	25.00	130.00	\$858.00	\$165.00
506-6038	TEMP SDMT CONTROL FENCE (INSTALL)	LF	\$2.30	8,712.00	\$20,037.60	467.00	9,179.00	\$21,111.70	\$1,074.10
506-6039	TEMP SDMT CONTROL FENCE (REMOVE)	LF	\$0.15	8,712.00	\$1,306.80	467.00	9,179.00	\$1,376.85	\$70.05
529-6008	CONC CURB & GUTTER (TY II)	LF	\$12.00	16,236.00	\$194,832.00	(39.00)	16,197.00	\$194,364.00	(\$468.00)
WC-106	WIRE FENCING (TY C)	LF	\$6.80	2,563.00	\$17,428.40	487.00	3,050.00	\$20,740.00	\$3,311.60
644-6060	IN SM RD SN SUP&AM TYTWT(1)WS(P)	EA	\$400.00	6.00	\$2,400.00	8.00	14.00	\$5,600.00	\$3,200.00
644-6071	RELOCATE SM RD SN SUP & AM TY TWT	EA	\$400.00	3.00	\$1,200.00	4.00	7.00	\$2,800.00	\$1,600.00
666-6035	REFL PAV MRK TY I (W) 8" (SLD)(090 MIL)	LF	\$0.80	2,372.00	\$1,897.60	(718.00)	1,654.00	\$1,323.20	(\$574.40)
666-6041	REFL PAV MRK TY I (W) 12" (SLD)(090 MIL)	LF	\$3.40	757.00	\$2,573.80	(757.00)	0.00	\$0.00	(\$2,573.80)
666-6047	REFL PAV MRK TY I (W) 24" (SLD)(090 MIL)	LF	\$6.50	146.00	\$949.00	452.00	598.00	\$3,887.00	\$2,938.00
666-6053	REFL PAV MRK TY I (W) (ARROW) (090 MIL)	EA	\$136.00	24.00	\$3,264.00	(7.00)	17.00	\$2,312.00	(\$952.00)
666-6077	REFL PAV MRK TY I (W) (WORD) (090 MIL)	EA	\$136.00	27.00	\$3,672.00	(12.00)	15.00	\$2,040.00	(\$1,632.00)
666-6299	RE PM W/ RET REQ TY I (W) 4" (BRK) (090 MIL)	LF	\$0.40	5,535.00	\$2,214.00	(2,305.00)	3,230.00	\$1,292.00	(\$922.00)
666-6302	RE PM W/ RET REQ TY I (W) 4" (SLD) (090 MIL)	LF	\$0.40	14,544.00	\$5,817.60	1,502.00	16,046.00	\$6,418.40	\$600.80
672-6010	REFL PAV MRKR TY II-C-R	EA	\$3.30	499.00	\$1,646.70	(192.00)	307.00	\$1,013.10	(\$633.60)
7012-6001	CURB INLET SEDIMENT PROTECTION	LF	\$7.00	350.00	\$2,450.00	(105.00)	245.00	\$1,715.00	(\$735.00)
COA-4325	CONC SIDEWALKS (6")	SY	\$52.00	5,524.00	\$287,248.00	79.58	5,603.58	\$291,386.16	\$4,138.16
COA-4335	DRIVEWAYS (CONC)	SY	\$62.00	208.00	\$12,896.00	494.60	702.60	\$43,561.20	\$30,665.20
WC9020-0001	CONTROLLED LOW STRENGTH MATERIAL (CLSM)	CY	\$100.00	500.00	\$50,000.00	(281.00)	219.00	\$21,900.00	(\$28,100.00)
WC9020-0002	BACKFILL (0.5"-1")	CY	\$70.00	300.00	\$21,000.00	80.00	380.00	\$26,600.00	\$5,600.00
WC9020-0003	BACKFILL (3"-5")	CY	\$56.00	3,100.00	\$173,600.00	(423.75)	2,676.25	\$149,870.00	(\$23,730.00)
WC9020-0005	CLAY CAP	CY	\$34.00	100.00	\$3,400.00	(7.00)	93.00	\$3,162.00	(\$238.00)
999-WC01	FORCE ACCOUNT (CAVE/VOID MITIGATION)	DOL	\$1.00	150,000.00	\$150,000.00	(150,000.00)	0.00	\$0.00	(\$150,000.00)
999-WC02	FORCE ACCOUNT	DOL	\$1.00	25,000.00	\$25,000.00	(21,958.39)	3,041.61	\$3,041.61	(\$21,958.39)
341-WC01	FORCE ACCOUNT - ESTIMATED PLACEMENT AND PRODUCTION BOUNDS/PENALTY (TY B)	DOL	\$1.00	3,200.00	\$3,200.00	(3,200.00)	0.00	\$0.00	(\$3,200.00)
341-WC02	FORCE ACCOUNT - ESTIMATED PLACEMENT AND PRODUCTION BOUNDS/PENALTY (TY C SURFACE)	DOL	\$1.00	60,500.00	\$60,500.00	(58,493.49)	2,006.51	\$2,006.51	(\$58,493.49)
585-WC01	FORCE ACCOUNT - ESTIMATED RIDE QUALITY BONUS/PENALTY	DOL	\$1.00	11,400.00	\$11,400.00	(11,146.00)	254.00	\$254.00	(\$11,146.00)
The "Totals" from Table B of the previous work sheet:					\$1,532,919.32			\$1,570,758.91	\$37,839.59
TOTALS					\$2,659,097.82			\$2,475,935.64	(\$183,162.18)

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 4

Project # 1607-102

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
100-WC01	DEAD TREE REMOVAL	LS	\$780.38	0.00	\$0.00	1.00	1.00	\$780.38	\$780.38
100-WC02	REMOVE EXISTING BOLLARDS	LS	\$7,500.00	0.00	\$0.00	1.00	1.00	\$7,500.00	\$7,500.00
WC106-001	ADDITIONAL FENCE BRACING	LS	\$2,333.10	0.00	\$0.00	1.00	1.00	\$2,333.10	\$2,333.10
476-WC01	JACK AND BORE(36 IN)(NO STEEL CASING AND RC PIPE)	LF	\$461.03	0.00	\$0.00	270.00	270.00	\$124,478.10	\$124,478.10
476-WC02	REBORE DUE TO UNKNOWN UTILITY CONFLICT	LS	\$125,901.23	0.00	\$0.00	1.00	1.00	\$125,901.23	\$125,901.23
502-WC01	ADDITIONAL SIGNS AND BARRICADES	LS	\$10,968.06	0.00	\$0.00	1.00	1.00	\$10,968.06	\$10,968.06
512-WC01	TEMP CTB BARRIER WALL (Jersey)	LS	\$14,203.90	0.00	\$0.00	1.00	1.00	\$14,203.90	\$14,203.90
531-WC01	MODIFY EXISTING PED RAMP	LS	\$1,967.39	0.00	\$0.00	1.00	1.00	\$1,967.39	\$1,967.39
644-WC01	STREET NAME SIGNS	EA	\$62.10	0.00	\$0.00	6.00	6.00	\$372.60	\$372.60
644-WC02	"ALL WAY" SIGNS R1-3P	EA	\$12.65	0.00	\$0.00	4.00	4.00	\$50.60	\$50.60
644-6076	REMOVE SM RD SN SUP&AM	EA	\$172.50	0.00	\$0.00	4.00	4.00	\$690.00	\$690.00
658-WC01	INSTL OM ASSM (OM-4)(WC)	EA	\$149.50	0.00	\$0.00	21.00	21.00	\$3,139.50	\$3,139.50
WC9019-001	POND ACCESS ROAD	LS	\$15,280.76	0.00	\$0.00	1.00	1.00	\$15,280.76	\$15,280.76
WC9019-002	TRICKLE CHANNEL AT WQP	LS	\$1,771.04	0.00	\$0.00	1.00	1.00	\$1,771.04	\$1,771.04
WC9019-003	SPECIAL SHORING AT WQP	LS	\$22,805.00	0.00	\$0.00	1.00	1.00	\$22,805.00	\$22,805.00
WC9020-006	VOID INVESTIGATION	LS	\$5,621.00	0.00	\$0.00	1.00	1.00	\$5,621.00	\$5,621.00
The "Totals" from Table B of the previous work sheet:					\$2,659,097.82			\$2,475,935.64	(\$183,162.18)
TOTALS						\$2,659,097.82		\$2,813,798.30	\$154,700.48

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

Pearson Ranch Road Extension Williamson County Project No. 1607-102

Change Order No. 4

Reason for Change

This Change Order provides the final balancing for the overrun / underrun of Contract quantities. Changes to final quantities on the project were the result of addressing field conditions not accounted for in the original plans. This Change Order also adds items to pay for additional work that includes an access road to the water quality pond and removal of existing bollards within the ROW.

Following are descriptions of the new items added to the Contract on this Change Order.

1. Item 100-WC01 Dead Tree Removal. Additional trees were removed because they died, after the initial clearing of the right of way. These trees were initially designated to be saved.
2. Item 100-WC02 Remove Existing Bollards. The County requested that existing bollards within the right-of-way be removed.
3. Item WC106-001 Additional Fence Braces. Additional bracing was added to steel posts in curve sections.
4. Item 476-WC01 Revised Bore Cost. The Contractor bored 270 linear feet, before encountering a conflict with an existing AT&T underground utility line. The County agreed to pay for the initial bore at the bid price minus the cost of the encasement pipe and the storm sewer pipe.
5. Item 476-WC02 Impact due to encountering the existing AT&T line, as discussed in above Item #4. The Bore subcontractor encountered an existing AT&T line during boring operations. The line was not marked by One-call and was not known to be in conflict by AT&T, until contractor hit the line. The County agreed to pay costs for 4 days of labor and equipment to pothole and find the existing utility and make repairs to equipment; 7 days of equipment standby time while resolution was determined; and 11 days of labor and equipment to remove the casing pipe from the original bore.
6. Item 502-WC01 Extra Signs and Barricades. Additional electronic message boards used during reconstruction of Iveans Way and Neenah that notified traffic of road closures and detours. Additional signs necessary to open a portion of the roadway from beginning of project to the Bus Transportation Facility. An

arrowboard was also added, because it was necessary for lane closures from additional work to additional work at Neenah Avenue.

7. Item 512 Concrete Traffic Barrier. Placed between RM 620 and the water quality Pond (WQP) to prevent vehicles that drive over the curb from driving into Water Quality Pond (WQP).
8. Item 531-WC01 Retrofit ADA Ramp. Plans called for cross walk near the new middle school but did not include pay item to retrofit pedestrian ramp at the location.
9. Item 644-WC01 Additional street name signs.
10. Item 644-WC02 Additional "All Way" signs to Stop signs.
11. Item 644-6076 Sign Removals.
12. Item 658-WC01 Installation of Object Markers.
13. Item WC9019-001 Pond Access Road. This item provided access to the WQP from Pearson Ranch Road to the pond gates for maintenance.
14. Item WC9019-002 Concrete Trickle Channel at WQP. Concrete trickle channel from WQP to drainage structure added in the field to prevent erosion.
15. Item WC9019-003 Special Shoring at WQP. Plans did not clearly show limits of available right-of-way (ROW) for laying slope back along north side of WQP, so Contractor applied Shotcrete to slope for stabilization.
16. WC9020-006 Void Investigation. Contractor drilled core holes during investigation to find karst features called out to be backfilled in the plans. No voids were found. This item pays for additional cores required during investigation.

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

	ITEM	DESCRIPTION	QTY	UNIT
1.	100-WC01	DEAD TREE REMOVAL	1.00	LS
2.	100-WC02	REMOVE EXISTING BOLLARDS	1.00	LS
3.	WC106-00	ADDITIONAL FENCING	1.00	LS
4.	476-WC01	JACK AND BORE (36IN)(NO STL CASING AND RC PIPE	270	LF
5.	476-WC02	IMPACT DUE TO CONFLICT WITH UNKNOWN UTILITY	1.00	LS

6.	502-WC01	ADDITIONAL SIGNS AND BARRICADES	1.00	LS
7.	512-WC01	TEMPORARY CTB BARRIER WALL (JERSEY)	1.00	LS
8.	531-WC01	MODIFY EXISTING PED RAMP	1.00	LS
9.	644-WC01	ADD STREET NAME SIGNS	6.00	EA
10.	644-WC02	ADD "ALL WAY" SIGNS TO STOP SIGNS	4.00	EA
11.	644-6076	REMOVE SM RD SN SUP & AM	4.00	EA
12.	658-WC01	INSTL OM ASSM (OM-4)(WC)	21.00	EA
13.	WC9019-001	POND ACCESS ROAD	1.00	LS
14.	WC9019-002	TRICKLE CHANNEL AT WQP	1.00	LS
15.	WC9019-003	SPECIAL SHORING AT WQP	1.00	LS
16.	WC9020-006	VOID INVESTIGATION	1.00	LS

This Change Order results in a net increase of \$154,700.48 to the Contract amount, for an adjusted Contract total of \$4,590,731.89. The original Contract amount was \$4,516,178.77. As a result of this and all Change Orders to-date, \$74,553.12 has been added to the Contract, which results in a 1.65% increase in the Contract cost. Zero days will be added to the Contract as a result of this Change Order.

HNTB Corporation
James Klotz, P.E.

Project 1607-102: Pearson Ranch Road
Summary of Force Account Work & New Items

1. Item 100-WC01 Dead Tree Removal

Additional trees were removed because they were dead after the initial clearing of the right of way. Trees were originally designated to be saved.

Work performed by JEvans.

Labor rates shown in JE Cost Report include hourly wage plus 55% Burden.

Labor: $\$152.97 \times 1.15 = \175.92 \$175.92

Equipment: $\$108.03 \times 1.15 = \124.23 \$124.23

Trucking $\$75.00 \times 6 \text{ hrs} = \$450.00 \times 1.05 \text{ markup} =$ \$472.50

Total: \$772.65

$\$772.65 \times 1.01 \text{ Bond} = \780.38 **\$780.38**

2. Item 100-WC02 Remove Existing Bollards

County requested that bollards preventing access to the right of way prior to construction of the roadway be removed.

Agreed to price of \$7500.00 **\$7,500.00**

3. Item WC106-001 Additional Fence Braces

Property owner requested additional bracing on steel posts in curve sections.

Work performed by Subcontractor

$\$2200.00 \times 1.05 \text{ mark up} = \$2,310.00$

$\$2310.00 \times 1.01 \text{ Bond} = \$2,333.10$ **\$2,333.10**

4. Item 476-WC01 JACK AND BORE (36IN)(NO STL CASING AND RC PIPE

A. Contractor bored 270' before encountering conflict with existing ATT underground utility line. The County agrees to pay for this portion of the work at the bid price minus the cost of the casing pipe and the storm sewer pipe.

Bid Price \$560.00 per LF minus \$79.60 per LF for cost of casing pipe minus \$19.37 per LF for cost of RCPipe = $\$461.03 \text{ per LF} \times 270' = \$124,478.10$ **\$124,478.10**

B. Final bore was paid at Plan Quantity and bid price of 310' X \$560.00 = \$173,600.00

5. Item 476-WC02 ATT Conflict with Bore

Boring subcontractor encountered an existing ATT line during boring operations, as discussed in Item #4 above. The line was not marked by one call and not known to be in conflict by ATT until contractor hit the line. County agrees to pay costs for 4 days of labor and equipment to pothole to find existing utility and repair equipment, 7 days of equipment standby time while resolution is determined, and 11 days of labor and equipment to remove the casing pipe from the original bore.

Labor during pothole	\$ 4,111.86
Labor during standby and rework	\$10,385.70
Equipment during standby	\$17,706.08
Equipment during pothole and rework	<u>\$86,515.33</u>
Total	\$118,718.75

$\$118,718.75 \times 1.05 \text{ markup} = \$124,654.69$

$\$124,654.69 \times 1.01 \text{ Bond} = \$125,901.23$ **\$125,901.23**

Project 1607-102: Pearson Ranch Road
Summary of Force Account Work & New Items

6. Item 502-WC01 Extra Signs and Barricades

- Electronic message boards used during reconstruction of Iveans Way and Neenah to notify traffic of road closures and detours.
- Additional signs necessary to open portion of roadway from beginning of project to Bus Transportation Facility.
- Arrowboard was necessary for lane closures due to additional work to reconstruct a portion of Neenah Ave.

Work performed and materials supplied by Subcontractor AWP

Inv 184197A/ticket 28410	Electronic Message Boards	\$2922.75
Inv 174894A/ticket 26842	Additional Temporary signs	994.32
Inv 183736A/ticket 27346	Additional barricades	673.88
Inv 182916A/ticket 26953	Additional Temporary signs	1055.43
Inv 183164A/ticket 26953	Additional Temporary signs	746.95
Inv 183164A/ticket 25694	Additional Temporary signs	681.98
Inv 183164A/ticket 27433	Additional Temporary signs	995.92
Inv 183164A/ticket 28393	Arrowboard	1729.83
Inv 183164A/ticket 26917	Additional Temporary signs	<u>541.29</u>

Total \$10,342.35

\$10342.35 X 1.05 markup = \$10,859.47

\$10859.47 X 1.01 Bond = \$10,968.06

Grand Total **\$10,968.06**

7. Item 512-WC01 Concrete Traffic Barrier

Concrete traffic barrier was placed between WQP and RM 620/SH 45. Marks on pavement and curb indicated that vehicles were driving over curb and there was risk of driving into pond.

CTB rented from and supplied by Aaron Concrete Constructors.

Labor rates shown in JE Cost Reports include hourly wage plus 55% burden.

Materials: \$3750.00 X 1.15 markup = \$4312.50 \$4,312.50

Subcontractor Aaron CC \$4325.00 X 1.05 = \$4541.25 \$4,541.25

Subcontractor Tiki Trucking \$1960.00 X 1.05 = \$2058.00 \$2,058.00

JEVans Labor: \$922.21 X 1.15 markup = \$1060.54 \$1,060.54

Equipment: \$1818.24 X 1.15 markup = \$2090.98 \$2,090.98

Total: \$14,063.27

\$14,063.27 X 1.01 Bond = \$14,203.90 **\$14,203.90**

8. Item 531-WC01 Retrofit ADA Ramp.

Plans called for cross walk near the new middle school but did not include pay item to retrofit pedestrian ramp at the location.

Agreed to price as submitted. \$1967.39 **\$1,967.39**

9. Item 644-WC01 Additional street name signs.

Agreed to price as submitted. \$62.10 X 6 = \$372.60 **\$372.60**

10. Item 644-WC02 Additional "All Way" signs to Stop signs.

Agreed to price as submitted. \$12.65 X 4 = \$50.60 **\$50.60**

11. Item 644-6076 Sign Removals.

Agreed to price as submitted. \$172.50 X 4 = \$690.00 **\$690.00**

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12. Item 658-WC01 Installation of Object Markers.

Agreed to price as submitted. $\$149.50 \times 21 = \$3,139.50$ **\$3,139.50**

13. Item WC9019-001 Pond Access Road

At the request of the County an access road was constructed from Pearson Ranch Road to the gates of the water quality pond. Access road was added to provide safe route for maintenance. Work performed by JEvans.

Labor rates shown in JE Cost Report include hourly wage plus 55% burden.

Labor: $\$3849.80 \times 1.15$ mark up = \$4,427.27

Equipment: $\$7531.22 \times 1.15$ mark up = \$8,660.90

Materials: $\$1775.04 \times 1.15$ mark up = \$2,041.30

Total: \$15,129.47

$\$15,129.47 \times 1.01$ Bond = \$15,280.76 **\$15,280.76**

14. Item WC9019-002 Concrete Trickle Channel at WQP

Concrete trickle channel from WQP to drainage structure added in the field to prevent erosion.

Work performed by Subcontractor Greater Austin

$\$1670.00 \times 1.05$ markup = \$1753.50

$\$1753.50 \times 1.01$ Bond = \$1771.04 **\$1,771.04**

15. Item 9019-003 Special Shoring required at WQP

County agrees to pay invoice price for tree removal and construction of temporary Special shoring(shotcrete) along north side of water quality pond. Plans did not show enough detail for contractor to have included shoring in original bid. County agrees to pay invoice cost of \$22,805.50. **\$22,805.50**

16. Item 9020-006 Void Investigation

At County request, subcontractor drilled additional bore holes in attempt to find voids called out in the plans. Plans designated voids for backfilling with flowable fill. Voids were not found despite additional work.

Labor rates shown in JE Cost Report include hourly wage, plus 55% burden.

Work performed by Subcontractor ESSI drill rig & crew.

$\$1,789.35 \times 1.05$ markup = \$1,878.82

JEvans Labor: $\$888.00 \times 1.55$ mark up = \$1,376.40

$\$1,376.40 \times 1.15$ mark up = \$1,582.86

Equipment: $\$76.22$ cost/hr $\times 24.00$ hr = \$1829.28

$\$1829.28 \times 1.15$ mark up = \$2,103.67

Total: \$5,565.35 **\$5,565.35**

$\$5565.35 \times 1.01$ Bond = \$5621.00 **\$5,621.00**