WILLIAMSON COUNTY, TEXAS CHANGE ORDER NUMBER: 4

1. CONTRACTOR: Capital Excavation		Project: 22IFB39
2. Change Order Work Limits: Sta. 100+94 to	Sta 183+58	Roadway: CR 111
3. Type of Change(on federal-ald non-exempt projects):	Minor (Major/Minor)	CSJ Number:
4. Reasons: 1B (3 Max In order	of importance - Primary first)	
5. Describe the work being revised: 1. Design Error or omission. 1B. Other: This Change Orde summary sheet, but not reflected in the Bid Form. The Change in the plans, but inadvertently left off the Bid Form.	r updates the bid item quantitic Order also includes pay items are attached. red: Jonah: Title, G1- are attached: Yes Specification Item N/A are atty to execute this Change Or The following informate	G2, K1, 1-27 No tached. der (CO). Ition must be provided Days added on this CO: 0
THE CONTRACTOR Date O, O, C Typed/Printed Name Typed/Printed Title RECOMMENDED FOR EXECUTION:	7 THOUR AGOOD OF THE OTHER	
RECOMMENDED FOR EXECUTION:		
Project Manager Date	County Commiss APPROVED	ioner Precinct 1 Date REQUEST APPROVAL
	County Commiss	ioner Precinct 2 Date
N/A Design Engineer Date	□ APPROVED	□ REQUEST APPROVAL
Program Manager Date Design Engineer's Seal:	County Commiss APPROVED	ioner Precinct 3 Date □ REQUEST APPROVAL
Dodgii Enginooi o ooai.	County Commiss	ioner Precinct 4 Date
	□ APPROVED	□ REQUEST APPROVAL
	County	Judge Date

□ APPROVED

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 4	CHANG	GE ORL	ER NU	JMBER:	4
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Project #	22IFB39	
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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
462-6010	CONC BOX CULV (6 FT X 3 FT)	LF	\$465.00	2,371.00	\$1,102,515.00	2.00	2,373.00	\$1,103,445.00	\$930.00
464-6003	RC PIPE (CL III) (18 IN)	LF	\$80.00	4,409.00	\$352,720.00	44.00	4,453.00	\$356,240.00	\$3,520.00
464-6005	RC PIPE (CL III) (24 IN)	LF	\$100.00	2,125.00	\$212,500.00	207.00	2,332.00	\$233,200.00	\$20,700.00
464-6007	RC PIPE (CL III)(30 IN)	LF	\$135.00	3,095.00	\$417,825.00	(62.00)	3,033.00	\$409,455.00	(\$8,370.00)
465-6015	INLET (COMPL)(PCO)(3FT)(RIGHT)	EA	\$6,500.00	5.00	\$32,500.00	(1.00)	4.00	\$26,000.00	(\$6,500.00)
465-6016	INLET (COMPL)(PCO)(3FT)(BOTH)	EA	\$7,000.00	19.00	\$133,000.00	1.00	20.00	\$140,000.00	\$7,000.00
467-6356	SET (TY II) (18 IN) (RCP) (3: 1) (C)	EA	\$1,750.00	2.00	\$3,500.00	(1.00)	1.00	\$1,750.00	(\$1,750.00)
467-6357	SET (TY II) (18 IN) (RCP) (3: 1) (P)	EA	\$2,170.00	1.00	\$2,170.00	(1.00)	0.00	\$0.00	(\$2,170.00)
467-6362	SET (TY II) (18 IN) (RCP) (6: 1) (C)	EA	\$2,200.00	0.00	\$0.00	1.00	1.00	\$2,200.00	\$2,200.00
467-6363	SET (TY II) (18 IN) (RCP) (6:1) (P)	EA	\$1,980.00	60.00	\$118,800.00	(19.00)	41.00	\$81,180.00	(\$37,620.00)
467-6395	SET (TY II) (24 IN) (RCP) (6:1) (P)	EA	\$2,170.00	36.00	\$78,120.00	5.00	41.00	\$88,970.00	\$10,850.00
467-6423	SET (TY II) (30 IN) (RCP) (6: 1) (P)	EA	\$4,240.00	13.00	\$55,120.00	4.00	17.00	\$72,080.00	\$16,960.00
467-6454	SET (TY II) (36 IN) (RCP) (6: 1) (P)	EA	\$5,600.00	10.00	\$56,000.00	(6.00)	4.00	\$22,400.00	(\$33,600.00)
J105-01	24" C-151, PC200 D.I. Pipe, Polyethylene Tube Protection, and Fittings; w/ Tracer Wire; Installed	LF	\$335.00	559.00	\$187,265.00	2,049.00	2,608.00	\$873,680.00	\$686,415.00
J105-02	24" C-151, PC200 D.I. Restrained Joint Pipe, Polyethylene Tube Protection, and Fittings; w/ Tracer Wire; Installed	LF	\$270.00	510.00	\$137,700.00	113.00	623.00	\$168,210.00	\$30,510.00
J105-03	16" C-905, DR-18 PVC PIPE AND FITTINGS; W / TRACER WIRE; INSTALLED	LF	\$185.00	3,008.00	\$556,480.00	(1,611.00)	1,397.00	\$258,445.00	(\$298,035.00)
J105-04	16" C-905, DR-18 PVC RESTRAINED JOINT PIPE AND FITTINGS; W / TRACER WIRE; INSTALLED	LF	\$201.00	480.00	\$96,480.00	(123.00)	357.00	\$71,757.00	(\$24,723.00)
J105-05	12" C-900, DR-18 PVC RESTRAINED JOINT PIPE AND FITTINGS; W/ TRACER WIRE; INSTALLED	LF	\$195.00	114.00	\$22,230.00	2.00	116.00	\$22,620.00	\$390.00
J105-WC01	6" C-900, DR-18 PVC RESTRAINED JOINT PIPE AND FITTINGS; W / TRACER WIRE; INSTALLED	LF	\$111.00	0.00	\$0.00	88.00	88.00	\$9,768.00	\$9,768.00
J105-08	4" C-900, DR-18 PVC PIPE AND FITTINGS; W / TRACER WIRE; INSTALLED	LF	\$38.60	1,481.00	\$57,166.60	(96.00)	1,385.00	\$53,461.00	(\$3,705.60)
J105-09	4" C-900, DR-18 PVC RESTRAINED JOINT PIPE AND FITTINGS; W / TRACER WIRE; INSTALLED	LF	\$140.00	25.00	\$3,500.00	143.00	168.00	\$23,520.00	\$20,020.00
J105-10	2" HDPE SDR 9 AND FITTINGS; W / TRACER WIRE; INSTALLED	LF	\$54.90	28.00	\$1,537.20	1.00	29.00	\$1,592.10	\$54.90
J105-11	1" HDPE SDR 9 AND FITTINGS; W / TRACER WIRE; INSTALLED	LF	\$53.40	35.00	\$1,869.00	2.00	37.00	\$1,975.80	\$106.80
	TOTALS			_	\$3,628,997.80			\$4,021,948.90	\$392,951.10

WILLIAMSON COUNTY, TEXAS

CHANGE ODDED NIIMBED:	1	

Project # 22IFB39

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
J105-12	36" STEEL ENC. PIPE, BORED; W / 24" RESTRAINED JOINT C-151 PC200 D.I. PIPE; INSTALLED	LF	\$1,170.00	128.00	\$149,760.00	(18.00)	110.00	\$128,700.00	(\$21,060.00)
J105-13	36" STEEL ENC. PIPE, OPEN CUT; W/24" RESTRAINED JOINT C-151 PC200 D.I. PIPE; INSTALLED	LF	\$575.00	282.00	\$162,150.00	149.00	431.00	\$247,825.00	\$85,675.00
J105-15	24" STEEL ENC. PIPE, OPEN CUT; W/16" RESTRAINED JOINT C900 DR18 PVC PIPE; INSTALLED	LF	\$370.00	495.00	\$183,150.00	(130.00)	365.00	\$135,050.00	(\$48,100.00)
J105-22	4" STEEL ENC. PIPE, BORED W / 1" HDPE SERVICE LINE; INSTALLED	EA	\$320.00	308.00	\$98,560.00	(70.00)	238.00	\$76,160.00	(\$22,400.00)
J105-23	4" STEEL ENC. PIPE, OPEN CUT W / 1" HDPE SERVICE LINE;	EA	\$80.70	386.00	\$31,150.20	(1.00)	385.00	\$31,069.50	(\$80.70)
J105-24	4" STEEL ENC. PIPE, BORED W / 2" HDPE SERVICE LINE; INSTALLED	EA	\$380.00	77.00	\$29,260.00	70.00	147.00	\$55,860.00	\$26,600.00
J105-25	4" STEEL ENC. PIPE, OPEN CUT W / 2" HDPE SERVICE LINE;	EA	\$94.80	63.00	\$5,972.40	65.00	128.00	\$12,134.40	\$6,162.00
J105-26	24" GATE VALVE, BOX, AND MARKER; INSTALLED	EA	\$25,700.00	4.00	\$102,800.00	1.00	5.00	\$128,500.00	\$25,700.00
J105-27	24" BUTTERFLY VALVE, BOX, AND MARKER; INSTALLED	EA	\$12,800.00	8.00	\$102,400.00	(1.00)	7.00	\$89,600.00	(\$12,800.00)
J105-35	CONNECT NEW 16" TO EXISTING 16"; INSTALLED	EA	\$8,400.00	10.00	\$84,000.00	2.00	12.00	\$100,800.00	\$16,800.00
J105-41	CONNECT NEW 16" TO EXISTING 16"; INSTALLED	EA	\$2,000.00	1.00	\$2,000.00	1.00	2.00	\$4,000.00	\$2,000.00
J105-46	RELOCATE AND RECONNECT WATER SERVICE; COMPLETE AND INSTALLED	EA	\$2,820.00	16.00	\$45,120.00	1.00	17.00	\$47,940.00	\$2,820.00
	The "Totals" from Table B of the previous	ous wor	k sheet:		\$3,628,997.80			\$4,021,948.90	\$392,951.10
	TOTALS				\$4,625,320.40			\$5,079,587.80	\$454,267.40

CHANGE ORDER REASON(S) CODE CHART

Design Error or Omission	1A. Incorrect PS&E
	1B. Other
Differing Site Conditions	2A. Dispute resolution (expense caused by conditions and/or resulting delay)
(unforeseeable)	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
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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

CR111 Westinghouse Rd Williamson County Project No. 22IFB39

Change Order No. 4 Reason for Change

This Change Order updates the bid item quantities that were revised in the plan set summary sheet, but not reflected in the Bid Form. The Change Order also includes pay items for 2 new items that were identified in the plans, but inadvertently left off the Bid Form. The scope of work depicted in the plan sheets is necessary and the quantity adjustments are needed to complete the project. The submitted prices for the 2 new items are comparable to current prices on similar projects currently under construction.

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

ITEM	DESCRIPTION	QTY	UNIT
467-6362	SET (TY II) (18 IN) (RCP) (6: 1) (C)	1	EA
J105-WC01	6" C-900, DR-18 PVC RESTRAINED JOINT PIPE AND FITTINGS; W / TRACER WIRE; INSTALLED	88	LF

Per the Jonah Water line agreement, Jonah will reimburse Williamson County 17.2% for the water line relocation work. The original cost of Jonah's participating items is \$2,903,610.65 and the original reimbursable amount is \$499,421.03. This Change Order adds \$482,117.40 to their participating amount, as a result of the quantity revisions and work items related to the water line relocations. The revised cost of Jonah's participating items is \$3,385,728.05 and their revised reimbursable amount is \$582,345.22. Jonah Water has reviewed and agreed to the increased amount for reimbursement, as indicated in the executed ILA with the County.

This Change Order results in a net increase of \$454,267.40 to the Contract amount, for an adjusted Contract total of \$21,739,825.32. The original Contract amount was \$21,024,332.88. As a result of this and all Change Orders to-date, \$715,492.44 has been added to the Contract, resulting in a 3.40% net increase 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.



PO Box 1301 Austin, TX 78767

Email: Estimating@CapitalExcavation.com

Change Request #1

Date: 1/18/2022

QuoteTo:

Project: CR 111 / 110 (1024) Capital Project #: 1024 Description: Storm Revisions

Item	Description	Quantity	Unit	Unit Price	Amount
462-6010	CONC BOX CULV (6 FT X 3 FT)	2.00	LF	465.00	930.00
464-6003	RC PIPE (CL III)(18 IN)	44.00	LF	80.00	3,520.00
464-6005	RC PIPE (CL III)(24 IN)	207.00	LF	100.00	20,700.00
464-6007	RC PIPE (CL III)(30 IN)	-62.00	LF	135.00	-8,370.00
465-6015	INLET (COMPL)(PCO)(3FT)(RIGHT)	-1.00	EA	6,500.00	-6,500.00
465-6016	INLET (COMPL)(PCO)(3FT)(BOTH)	1.00	EA	7,000.00	7,000.00
467-6356	SET (TY II)(18 IN)(RCP)(3:1)(C)	-1.00	EA	1,750.00	-1,750.00
467-6357	SET (TY II)(18 IN)(RCP)(3:1)(P)	-1.00	EA	2,170.00	-2,170.00
465-6362	SET (TY II)(18 IN)(RCP)(6:1)(C)	1.00	EA	2,200.00	2,200.00
467-6363	SET (TY II)(18 IN)(RCP)(6:1)(P)	-19.00	EA	1,980.00	-37,620.00
467-6395	SET (TY II)(24 IN)(RCP)(6:1)(P)	5.00	EA	2,170.00	10,850.00
467-6423	SET (TY II)(30 IN)(RCP)(6:1)(P)	4.00	EA	4,240.00	16,960.00
467-6454	SET (TY II)(36 IN)(RCP)(6:1)(P)	-6.00	EA	5,600.00	-33,600.00

GRAND TOTAL -27,850.00

Scope: Quantity adjustments for discrepancies in the plans and bid form at contract unit prices. New pricing for item 67-6362 that was

not included in the bid form.

Capital Excavation Requests an additional : TIA day(s)

Description	Unit	Bid Quantity	Revised Qty	Delta		Bid Price		Bid Total
CONC BOX CULV (6 FT X 3 FT)	LF	2,371.000	2,373.000	2.000	\$	465.00	\$	930.00
RC PIPE (CL III) (18 IN)	LF	4,409.000	4,453.000	44.000	\$	80.00	\$	3,520.00
RC PIPE (CL III) (24 IN)	LF	2,125.000	2,332.000	207.000	\$	100.00	\$	20,700.00
RC PIPE (CL III)(30 IN)	LF	3,095.000	3,033.000	-62.000	\$	135.00	\$	(8,370.00)
INLET (COMPL)(PCO)(3FT)(RIGHT)	EA	5.000	4.000	-1.000	\$	6,500.00	\$	(6,500.00)
INLET (COMPL)(PCO)(3FT)(BOTH)	EA	25.000	26.000	1.000	\$	7,000.00	\$	7,000.00
SET (TY II) (18 IN) (RCP) (3: 1) (C)	EA	2.000	1.000	-1.000	\$	1,750.00	\$	(1,750.00)
SET (TY II) (18 IN) (RCP) (3: 1) (P)	EA	1.000	0.000	-1.000	\$	2,170.00	\$	(2,170.00)
SET (TY II) (18 IN) (RCP) (6:1) (C)	EA		1.000	1.000	\$	2,200.00	\$	2,200.00
SET (TY II) (18 IN) (RCP) (6:1) (P)	EA	60.000	41.000	-19.000	\$	1,980.00	\$	(37,620.00)
SET (TY II) (24 IN) (RCP) (6:1) (P)	EA	36.000	41.000	5.000	\$	2,170.00	\$	10,850.00
SET (TY II) (30 IN) (RCP) (6: 1) (P)	EA	13.000	17.000	4.000	\$	4,240.00	\$	16,960.00
SET (TY II) (36 IN) (RCP) (6: 1) (P)	EA	10.000	4.000	-6.000	\$	5,600.00	\$	(33,600.00)
	CONC BOX CULV (6 FT X 3 FT) RC PIPE (CL III) (18 IN) RC PIPE (CL III) (24 IN) RC PIPE (CL III) (30 IN) INLET (COMPL)(PCO)(3FT)(RIGHT) INLET (COMPL)(PCO)(3FT)(BOTH) SET (TY II) (18 IN) (RCP) (3: 1) (C) SET (TY II) (18 IN) (RCP) (6:1) (P) SET (TY II) (18 IN) (RCP) (6:1) (P) SET (TY II) (24 IN) (RCP) (6:1) (P) SET (TY II) (30 IN) (RCP) (6:1) (P)	CONC BOX CULV (6 FT X 3 FT) RC PIPE (CL III) (18 IN) RC PIPE (CL III) (24 IN) RC PIPE (CL III) (24 IN) RC PIPE (CL III) (30 IN) INLET (COMPL)(PCO)(3FT)(RIGHT) EA INLET (COMPL)(PCO)(3FT)(BOTH) SET (TY II) (18 IN) (RCP) (3: 1) (C) SET (TY II) (18 IN) (RCP) (3: 1) (P) SET (TY II) (18 IN) (RCP) (6:1) (C) SET (TY II) (18 IN) (RCP) (6:1) (P) SET (TY II) (24 IN) (RCP) (6:1) (P) EA SET (TY II) (30 IN) (RCP) (6: 1) (P) EA	CONC BOX CULV (6 FT X 3 FT) RC PIPE (CL III) (18 IN) RC PIPE (CL III) (24 IN) RC PIPE (CL III) (24 IN) RC PIPE (CL III) (30 IN) LF 2,125.000 RC PIPE (CL III)(30 IN) LF 3,095.000 INLET (COMPL)(PCO)(3FT)(RIGHT) EA 5.000 INLET 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RC PIPE (CL III) (18 IN) LF 4,409.000 4,453.000 44.000 \$ 80.00 RC PIPE (CL III) (24 IN) LF 2,125.000 2,332.000 207.000 \$ 100.00 RC PIPE (CL III)(30 IN) LF 3,095.000 3,033.000 -62.000 \$ 135.00 INLET (COMPL)(PCO)(3FT)(RIGHT) EA 5.000 4.000 -1.000 \$ 6,500.00 INLET (COMPL)(PCO)(3FT)(BOTH) EA 25.000 26.000 1.000 57,000.00 SET (TY II) (18 IN) (RCP) (3: 1) (C) EA 2.000 1.000 -1.000 \$ 1,750.00 SET (TY II) (18 IN) (RCP) (3: 1) (P) EA 1.000 0.000 -1.000 \$ 2,170.00 SET (TY II) (18 IN) (RCP) (6:1) (C) EA 1.000 1.000 52,200.00 SET (TY II) (18 IN) (RCP) (6:1) (P) EA 36.000 41.000 5.000 \$ 2,170.00 SET (TY II) (24 IN) (RCP) (6:1) (P) EA 36.000 41.000 5.000 \$ 4,240.00	CONC BOX CULV (6 FT X 3 FT) LF 2,371.000 2,373.000 2.000 \$ 465.00 \$ RC PIPE (CL III) (18 IN) LF 4,409.000 4,453.000 207.000 \$ 100.00 \$ RC PIPE (CL III) (24 IN) LF 2,125.000 2,332.000 207.000 \$ 100.00 \$ RC PIPE (CL III)(30 IN) LF 3,095.000 3,033.000 -62.000 \$ 135.00 \$ INLET (COMPL)(PCO)(3FT)(RIGHT) EA 5.000 4.000 -1.000 \$ 6,500.00 \$ INLET (COMPL)(PCO)(3FT)(BOTH) EA 25.000 26.000 1.000 57,000.00 \$ SET (TY II) (18 IN) (RCP) (3: 1) (C) EA 2.000 1.000 -1.000 \$ 1,750.00 \$ SET (TY II) (18 IN) (RCP) (3: 1) (P) EA 1.000 0.000 -1.000 \$ 2,200.00 \$ SET (TY II) (18 IN) (RCP) (6:1) (C) EA 1.000 1.000 5.000 \$ 2,200.00 \$ SET (TY II) (18 IN) (RCP) (6:1) (P) EA 36.000 41.000 5.000 \$ 4,000 \$ 4,000 5.000 \$ 2,170.00 \$ SET (TY II) (24 IN) (RCP) (6:1) (P) EA 36.000 41.000 5.000 \$ 4,00

\$ (27,850.00)



PO Box 1301 Austin, TX 78767

Email: Estimating@CapitalExcavation.com

Change Request #2

Date: 1/18/2022

QuoteTo:

Project: CR 111 / 110 (1024) Capital Project #: 1024 Description: Water Revisions

Item	Description	Quantity	Unit	Unit Price	Amount
J105-01	24" C-151, PC200 D.I. PIPE, POLYETHYLENE TUBE	2,049.00	LF	335.00	686,415.00
J105-02	24" C-151, PC200 D.I. RESTRAINED JOINT PIPE,	113.00	LF	270.00	30,510.00
J105-03	16" C-905, DR-18 PVC PIPE AND FITTINGS; W / TRA	-1,611.00	LF	185.00	-298,035.00
J105-04	16" C-905, DR-18 PVC RESTRAINED JOINT PIPE	-123.00	LF	201.00	-24,723.00
J105-05	12" C-900, DR-18 PVC RESTRAINED JOINT PIPE	2.00	LF	195.00	390.00
J105-WC01	6" C-900, DR-18 PVC RESTRAINED JOINT PIPE AND	88.00	LF	111.00	9,768.00
J105-08	4" C-900, DR-18 PVC PIPE AND FITTINGS; W / TRA	-96.00	LF	38.60	-3,705.60
J105-09	4" C-900, DR-18 PVC RESTRAINED JOINT PIPE AND	143.00	LF	140.00	20,020.00
J105-10	2" HDPE SDR 9 AND FITTINGS; W / TRACER WIRE; I	1.00	LF	54.90	54.90
J105-11	1" HDPE SDR 9 AND FITTINGS; W / TRACER WIRE; I	2.00	LF	53.40	106.80
J105-12	36" STEEL ENC. PIPE, BORED; W / 24" RESTRAINED	-18.00	LF	1,170.00	-21,060.00
J105-13	36" STEEL ENC. PIPE, OPEN CUT; W/24"	149.00	LF	575.00	85,675.00
J105-15	24" STEEL ENC. PIPE, OPEN CUT; W/16"	-130.00	LF	370.00	-48,100.00
J105-22	4" STEEL ENC. PIPE, BORED W / 1" HDPE SERVICE	-70.00	LF	320.00	-22,400.00
J105-23	4" STEEL ENC. PIPE, OPEN CUT W / 1" HDPE SERVI	-1.00	LF	80.70	-80.70
J105-24	4" STEEL ENC. PIPE, BORED W / 2" HDPE SERVICE	70.00	LF	380.00	26,600.00
J105-25	4" STEEL ENC. PIPE, OPEN CUT W / 2" HDPE SERVI	65.00	LF	94.80	6,162.00
J105-26	24" GATE VALVE, BOX, AND MARKER; INSTALLED	1.00	EA	25,700.00	25,700.00
J105-27	24" BUTTERFLY VALVE, BOX, AND MARKER;	-1.00	EA	12,800.00	-12,800.00
J105-35	CONNECT NEW 16" TO EXISTING 16"; INSTALLED	2.00	EA	8,400.00	16,800.00
J105-41	CONNECT NEW 4" TO EXISTING 2"; INSTALLED	1.00	EA	2,000.00	2,000.00
J105-46	RELOCATE AND RECONNECT WATER SERVICE;	1.00	EA	2,820.00	2,820.00

GRAND TOTAL 482,117.40

Scope: Quantity adjustments for discrepancies in the plans and bid form at contract unit prices. New pricing for item J105-WC01 that

was not included in the bid form.

Capital Excavation Requests an additional : TIA day(s)

Client #	Description		Bid Quantity	Revised Quantity	Delta	Bid Price	Bid Total	
J105-01	24" C-151, PC200 D.I. PIPE, POLYETHYLENE TUBE PROT	LF	559.000	2,608.000	2,049.000	\$ 335.00	\$ 686,415.00	
J105-02	24" C-151, PC200 D.I. RESTRAINED JOINT PIPE, POLYE	LF	510.000	623.000	113.000	\$ 270.00	\$ 30,510.00	
J105-03	16" C-905, DR-18 PVC PIPE AND FITTINGS; W / TRA	LF	3,008.000	1,397.000	-1,611.000	\$ 185.00	\$ (298,035.00)	
J105-04	16" C-905, DR-18 PVC RESTRAINED JOINT PIPE AND FIT	LF	480.000	357.000	-123.000	\$ 201.00	\$ (24,723.00)	
J105-05	12" C-900, DR-18 PVC RESTRAINED JOINT PIPE AND FIT	LF	114.000	116.000	2.000	\$ 195.00	\$ 390.00	
J105-WC01	6" C-900, DR-18 PVC RESTRAINED JOINT PIPE AND FITT	LF	0.000	88.000	88.000	\$ 111.00	\$ 9,768.00	
J105-08	4" C-900, DR-18 PVC PIPE AND FITTINGS; W / TRA	LF	1,481.000	1,385.000	-96.000	\$ 38.60	\$ (3,705.60)	
J105-09	4" C-900, DR-18 PVC RESTRAINED JOINT PIPE AND	LF	25.000	168.000	143.000	\$ 140.00	\$ 20,020.00	
J105-10	2" HDPE SDR 9 AND FITTINGS; W / TRACER WIRE; I	LF	28.000	29.000	1.000	\$ 54.90	\$ 54.90	
J105-11	1" HDPE SDR 9 AND FITTINGS; W / TRACER WIRE; I	LF	35.000	37.000	2.000	\$ 53.40	\$ 106.80	
J105-12	36" STEEL ENC. PIPE, BORED; W / 24" RESTRAINED	LF	128.000	110.000	-18.000	\$ 1,170.00	\$ (21,060.00)	
J105-13	36" STEEL ENC. PIPE, OPEN CUT; W/24" RESTRAINE	LF	282.000	431.000	149.000	\$ 575.00	\$ 85,675.00	
J105-15	24" STEEL ENC. PIPE, OPEN CUT; W/16" RESTRAINE	LF	495.000	365.000	-130.000	\$ 370.00	\$ (48,100.00)	
J105-22	4" STEEL ENC. PIPE, BORED W / 1" HDPE SERVICE	EA	308.000	238.000	-70.000	\$ 320.00	\$ (22,400.00)	
J105-23	4" STEEL ENC. PIPE, OPEN CUT W / 1" HDPE SERVI	EA	386.000	385.000	-1.000	\$ 80.70	\$ (80.70)	
J105-24	4" STEEL ENC. PIPE, BORED W / 2" HDPE SERVICE	EA	77.000	147.000	70.000	\$ 380.00	\$ 26,600.00	
J105-25	4" STEEL ENC. PIPE, OPEN CUT W / 2" HDPE SERVI	EA	63.000	128.000	65.000	\$ 94.80	\$ 6,162.00	
J105-26	24" GATE VALVE, BOX, AND MARKER; INSTALLED	EA	4.000	5.000	1.000	\$ 25,700.00	\$ 25,700.00	
J105-27	24" BUTTERFLY VALVE, BOX, AND MARKER; INSTALLE	EA	8.000	7.000	-1.000	\$ 12,800.00	\$ (12,800.00)	
J105-35	CONNECT NEW 16" TO EXISTING 16"; INSTALLED	EA	10.000	12.000	2.000	\$ 8,400.00	\$ 16,800.00	
J105-41	CONNECT NEW 4" TO EXISTING 2"; INSTALLED	EA	1.000	2.000	1.000	\$ 2,000.00	\$ 2,000.00	
J105-46	RELOCATE AND RECONNECT WATER SERVICE; COMPLETE AND	EA	16.000	17.000	1.000	\$ 2,820.00	\$ 2,820.00	

\$ 482,117.40

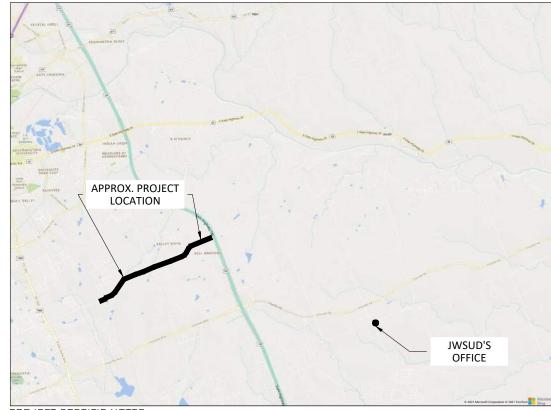


4050 FM 1660 HUTTO, TEXAS 78634 1-512-759-1286 PWS ID 246002 CCN ID 10970

2021 - CR 111, UTILITY ADJUSTMENTS

GENERAL CONSTRUCTION NOTES

- 1. THESE PLANS DO NOT INDICATE DETAILED TOPOGRAPHY, AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO INSPECT THE PROJECT BEFORE SUBMITTING BIDS TO DETERMINE LOCATIONS OF VARIOUS TOPOGRAPHIC FEATURES THAT COULD EFFECT
- 2. THE CONTRACTOR SHALL NOTIFY
- 2.1. THE TXDOT HIGHWAY MAINTENANCE FOREMAN
 2.2. RAILWAY SUPERINTENDENT
 2.3. COUNTY COMMISSIONER
- 2.4. APPLICABLE CITY
- 2.5. APPLICABLE UTILITY COMPANIES
- 48 HOURS PRIOR TO STARTING CONSTRUCTION ON ANY HIGHWAY OR RAILROAD AND IN THE VICINITY OF ANY EXISTING UTILITIES, AND SHALL BE SUBJECT TO INSPECTION AND COMPLIANCE WITH THE ABOVE AUTHORITIES.
- THIS WATER DISTRIBUTION SYSTEM MUST BE CONSTRUCTED IN ACCORDANCE WITH THE CURRENT TEXAS COMMISSION ON ENVIRONMENTAL QUALITY (TCEQ) RULES AND REGULATIONS FOR PUBLIC WATER SYSTEMS 30 TEXAS ADMINISTRATIVE CODE (TAC) CHAPTER 290 SUBCHAPTER D.
- 4. ALL NEWLY INSTALLED PIPES AND RELATED PRODUCTS MUST CONFORM TO AMERICAN NATIONAL STANDARDS INSTITUTE/NATIONAL SANITATION FOUNDATION (ANSI/NSF) STANDARD 61 AND MUST BE CERTIFIED BY AN ORGANIZATION ACCREDITED BY ANSI.
- 5. NO PIPE WHICH HAS BEEN USED FOR ANY PURPOSE OTHER THAN THE CONVEYANCE OF POTABLE WATER SHALL BE ACCEPTED OR RELOCATED FOR USE IN ANY PUBLIC DRINKING
- 6. WATER TRANSMISSION AND DISTRIBUTION LINES MUST BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS
- 7. THE CONTRACTOR SHALL NOT PLACE THE PIPE IN WATER OR WHERE IT CAN BE FLOODED WITH WATER OR SEWAGE DURING ITS STORAGE OR INSTALLATION.
- 8. COORDINATE ANY PLANNED INTERRUPTIONS TO SERVICE WITH THE APPLICABLE UTILITY PURVEYOR A MINIMUM 48 HOURS IN ADVANCE 9. ANY AND ALL OBJECTS THAT BECOME DAMAGED AND/OR DESTROYED BY THE
- CONSTRUCTION PROCESS SHALL BE REPLACED OR RESTORED TO A CONDITION EQUAL TO OR BETTER THAN THAT WHICH EXISTED JUST PRIOR TO THE INCIDENT OR INCIDENTS.
- IO. PROPERTY OWNERS SHALL HAVE ACCESS TO THEIR RESPECTED PROPERTY DURING THE CONSTRUCTION PROCESS. THE CONTRACTOR SHALL NOTIFY THE APPLICABLE PROPERTY OWNER IF PROPERTY ACCESS IS THE BE DENIED FOR ANY PERIOD OF TIME. THE CONTRACTOR SHALL TAKE STEPS TO ASSURE THAT ACCESS IS ACHIEVED IN THE PERIODS OF THE CONTRACTOR'S ABSENCE.
- 1. TRAFFIC CONTROL PLANS SHALL BE IN ACCORDANCE WITH TCP(1-1)-12 THROUGH HTTPS://www.dot.state.tx.us/insdtdot/orgchart/cmd/cserve/standard/toc.htm FOR SHEETS.



PROJECT SPECIFIC NOTES:

- 1. SCHEDULE ALL PLANNED INTERRUPTIONS TO WATER SERVICE WITH JONAH WATER S.U.D. AT LEAST 48 HOURS IN ADVANCE.
- 2. FIELD VERIFY DEPTH AND LOCATIONS OF ALL EXISTING APPLICABLE UTILITIES
- 3. COORDINATE AND GIVE PROPER NOTICE TO OWNER OF POSSIBLE INTERRUPTIONS TO SERVICE.
- 4. ALL COMPONENTS OF THIS PROJECT SHALL BE INSTALLED PER THE MANUFACTURE'S RECOMMENDATIONS.
- 5. METER RECONNECTIONS SHALL INCLUDE; NEW METER BOX, SERVICE LINE, SERVICE TAP, CURB STOP, ANGLE STOP, AND METER COUPLING, EXISTING METER IS TO REMAIN

	SHEET	INDEX:								
G 1	GENERAL NOTES	13	WATERLINE ALIGN. "J"; STA. J-0+00 TO J-1+59; CAPPING EX. LINE							
G2	TAKE OFF	14	WATERLINE ALIGN. "K"; STA. K-0+00 TO K-1+00							
K1	KEY MAP	15	WATERLINE ALIGN. "L"; STA. L-0+00 TO L-3+50							
1	WATERLINE ALIGN. "A"; STA. A-0+00 TO A-6+38	16	WATERLINE ALIGN. "M"; STA. M-0+00 TO M-2+00							
2	WATERLINE ALIGN. "B"; STA. B-0+00 TO B-3+25	17	WATERLINE ALIGN. "N"; STA. N-0+00 TO N-5+50							
3	WATERLINE ALIGN. "C"; STA. C-O+OO TO C-3+60	18	WATERLINE ALIGN. "N"; STA. N-5+50 TO N-12+67							
4	WATERLINE ALIGN. "D"; STA. D-0+00 TO D-1+00	19	WATERLINE ALIGN. "O"; STA O-O+OO TO O-1+7							
5	WATERLINE ALIGN. "E"; STA. E-0+00 TO E-5+88	20	WATERLINE ALIGN. "O" CONTINUATION							
6	WATERLINE ALIGN. "F"; STA. F-0+00 TO F-1+83	21	WATERLINE ALIGN. "P"; STA. P-0+00 TO P-1+60							
7	WATERLINE ALIGN. "G"; STA. G-0+00 TO G-7+50	22	WATERLINE ALIGN. "Q"; STA. Q-0+00 TO P-1+64							
8	WATERLINE ALIGN. "G"; STA. G-7+50 TO G-15+50	23	STANDARD DETAILS							
9	WATERLINE ALIGN. "G"; STA. G-15+50 TO G-23+50	24	STANDARD DETAILS							
1 🗆	WATERLINE ALIGN. "G"; STA. G-23+50 TO G-32+66	25	STANDARD DETAILS							
1.1	WATERLINE ALIGN. "H"; STA. H-O+OO TO H-7+10	26	TCP/EROSION CONTROL DETAIL							
12	WATERLINE ALIGN. "I"; STA. I-0+00 TO I-2+18									

APPROVED



12/3/21

DATE APPROVED

AYOTE FONSULTING, LLC

T.B.P.E. F-16387 P.O. Box 24189 WACO, TX 76702

Рн. 254-744-3439

MILES@CAYOTECON.COM



6/29/22 DATE APPROVED

JONAH WATER S.U.D. 2021 - CR 111, UTILITY ADJUSTMENTS

		1	2	3	4	D 5	6	7	8	9	10	H 11	12 St	ation Limits	14	15	K 16	17	18	M 19	20	21	22		CKD WWWW
No.	Item Description	A-0+00 to A-6+50			D-0+00 to D-1+00			G-0+0 to G-7+50	G-7+50 to G-15+50	G-15+50 to G-23+50	G-23+50 to G-32+66	H-0+00 to H-7+10	I-0+00 to I-2+18	J-0+00 to J-1+59	K-0+00 TO K-1+00	L-0+00 to L-3+50	M-0+00 to M-2+00	N-0+00 to N-5+50	N-5+50 to N-12+67	O-0+00 to O-1+71	"O" Cont.	P-0+00 to P-1+60	Q-0-00 to Q-1+64	Project Totals	Mww Mww
	24 th C-151, PC200 D.I. Pipe, Polyethylene Tube Protection, and							514	155	672	747													2,08	DATE 12/7/21 12/9/21
	Fittings; w/ Tracer Wire; Installed 24° C-151, PC200 D.I. Restrained																								12,
2	Joint Pipe, Polyethylene Tube Protection, and Fittings; w/ Tracer Wire; Installed							71	327	128	97													62	
3	Wire; Installed 16" C-905, DR-18 PVC Pipe and Fittings; w/ Tracer Wire; Installed 16" C-905, DR-18 PVC Restrained					135		23	26			5				302		335	571					1,39	4
4	Joint Pipe and Fittings; w/ Tracer Wire; Installed 12' C-900, DR-18 PVC Restrained					160					18				71			35	73					35	N 25 2
5	Joint Pipe and Fittings; w/ Tracer				74							2	40											110	ANTII
6	Wire; Installed 8" C-900, DR-18 PVC Pipe and Fittings; w/ Tracer Wire; Installed 6" C-900, DR-18 PVC Restrained																		20					2	
7	6" C-900, DR-18 PVC Restrained Joint Pipe and Fittings; w/ Tracer Wire; Installed			93																				9.	RECTE
8	4" C-900, DR-18 PVC Pipe and Fittings; w/ Tracer Wire; Installed 4" C-900, DR-18 PVC Restrained	432						 			<u></u>	700									253			1,38	CORR
9	Joint Pipe and Fittings; w/ Tracer		141		10															17				16	
10	Wire; Installed 2" HDPE SDR 9 and Fittings; w/ Tracer Wire; Installed										2						26		:			3		2	1
11	t" HDPE SDR 9 and Fittings; w/ Tracer Wire; Installed	8					7							11									11	3	4
12	36" Steel Enc. Pipe, Bored; w/ 24" Restrained Joint C-151 PC200 D.I. Pipe: Installed							58	52															11	
13	Pipe; Installed 36" Steel Enc. Pipe, Open Cut; w/ 24" Restrained Joint C-151 PC200							117	274		40													43	
- 1	D.I. Pipe; Installed 24" Steel Enc. Pipe, Bored; w/ 16" Restrained Joint C900 DR18 PVC					70												75						14	
	Pipe: Installed 24" Steel Enc. Pipe, Open Cut; w/																								ļ٥.
15	16" Restrained Joint C900 DR18 PVC Pipe: Installed 20" Steel Enc. Pipe, Bored; w/ 12"					195									20			90	60					36	ı —
	Restrained Joint C900 DR 18 PVC Pipe; Installed 20" Steel Enc. Pipe, Open Cut; w/												92											9	
17	12" Restrained Joint C900 DR 18												64											6	ů.
18	PVC Pipe; Installed 12" Steel Enc. Pipe, Bored; w/ 6" Restrained Joint C900 DR 18 PVC			67																				6	. I
19	Pipe; Installed 12" Steel Enc. Pipe, Open Cut; wi6" Restrained Joint C900 DR 18 PVC			193																				19	4 L L
	Pipe: Installed 8" Steel Enc. Pipe; w/4" Restrained		05																	400					
	Joint C900 DR 18 PVC Pipe, Bored; Installed 8" Steel Enc. Pipe, w/4" Restrained		65																	136	·			20	
-	Joint C900 DR 18 PVC Pipe, Open Cut; Installed		101																					10	! ≥
	4" Steel Enc. Pipe, Bored w/ 1" HDPE Service Line; Installed 4" Steel Enc. Pipe, Open Cut w/ 1"	52					60							71									55	23	ľ
24	HDPE Service Line; Installed 4" Steel Enc. Pipe, Bored w/ 2"	118					95							59			77					70	49	32 14	1 I
200	HDPE Service Line; Installed 4" Steel Enc. Pipe, Open Cut w/ 2" HDPE Service Line; Installed																63					65		12	11
- 1	24° Gate Valve, Box, and Marker; Installed							1	3		1														Ž
27	24" Butterfly Valve, Box, and Marker;							5	2																
	Installed 16" Gate Valve, Box, and Marker;								2																
28	Installed 12" Gate Valve, Box, and Marker;				3	7						1	1					4	2					1	1
30	Installed 8" Gate Valve, Box, and Marker; Installed																		1						1
31	6" Gate Valve, Box, and Marker; Installed			2																				:	4
22	4" Gate Valve, Box, and Marker; Installed Air/Vacuum Relief Valve Assembly	1	5		1							1								1					ı
	and Marker; Installed Blow Off Valve Assembly and	1						1			1	1									<u>.</u>				<u>L</u>
	Marker; Installed Connect New 16" to Existing 16", Installed					3		2	1		1				2	2			1		·			1:	DESIGN
-	Connect New 12" to Existing 12"; Installed Connect New 8" to Existing 8";				2																			:	CKD:
37	Installed Connect New 6" to Existing 6";			2	1			<u> </u>											1						SEAL:
39	Installed Install 12" x 4" Tapping Sleeve; Installed		1	-																					10
70	Connect New 4" to Existing 4"; Installed	1	2		1								1											-	2
	Connect New 4" to Existing 2"; Installed											1						4							200
	16° Capped Stub Out; Installed 4° Capped Stub Out: Installed	1																1							16
44	Install 16" Cap on Existing 16"; Installed					1		1						1											1
45	New Fire Hydrants Assembly: Complete and Installed							1	1		1														4
40	Relocate and Reconnect Water Service; Complete and Installed	1					1	1			1			1			3	2	1		3	2	1	1	APPROV
40	Remove Existing Gate Valve Reconnect Water Service;	1			2														1						1
	Complete and Installed Removal Saw Cut and Removal and Replacement of Existing Reinf.		25	25																					DATE:
E0 1	Conc. Sidewalk; Complete Removal Saw Cut and Removal of	156	23	133																				28	12/9/21
	Existing HMAC; Complete Compacted Gravel Drive			100																					\vdash
51	Replacement, to include Compacted Gravel Trench Backfill; Installed	69	182																					25	١ ١
52	Compacted HMAC Replacement; to Include Compacted Trench Backfill	156		133																				28] :
	per Applicable Detail; Installed. Grass Sod Placement, Like Kind	3-																							1
	Type; Refer to Shts 2 and 3; Installed and Watered		0.5	0.5] [
55	Hydro-Mulch Seeding Project; Complete Trench Safety System Design and	558	242	286	84	490	102	725	782	800	902	707	104	70	01	302	80	460	724	17	252	68	60	704] :
EG .	Implementation Traffic Control Plan Development	558	242	286	84	490	102	/25	182	800	902	707	104	70	91	302	89	460	124	-1/	253	68	00	7,91	
	and Implementation																								∤ ш:
	SWPPP Design and Implementation																								YOTE
58	Mobilization (Not to Exceed 10% of Total Project Bid)																								վ Է:
																									IQI
																									4
																									5

