

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 4

1. CONTRACTOR: Capital Excavation
2. Change Order Work Limits: Sta. 78+69 to Sta. _____
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>1810-265</u>
Roadway:	<u>N. Mays</u>
CSJ Number:	_____

5. Describe the work being revised:

1A: Design Error or Omission. Incorrect PS&E. This Change Order adds a 24" encasement to the relocation of the new City of Round Rock 12" Water Line A that crosses the roadway at the north end of the project. The installation of the water line was included in the plans, but the encasement was not. The encasement is required to protect the water line under the roadway.

6. Work to be performed in accordance with Items: RR 510-W02
 7. New or revised plan sheet(s) are attached and numbered: N/A
 8. New Special Provisions/Specifications to the contract are attached: ☐ Yes ☒ No
 9. New Special Provisions to Item N/A No. N/A, Special Specification Item N/A are attached.
- Each signatory hereby warrants that each has the authority to execute this Change Order (CO).

<p><small>The contractor must sign the Change Order and, by doing so, agrees to waive any and all claims for additional compensation due to any and all other expenses; additional changes for time, overhead and profit; or loss of compensation as a result of this change.</small></p> <p>THE CONTRACTOR Date <u>9-25-20</u></p> <p>By <u>[Signature]</u></p> <p>Typed/Printed Name <u>Scott J. Budd</u></p> <p>Typed/Printed Title <u>Vice President</u></p>	<p>The following information must be provided</p> <p>Time Ext. #: <u>N/A</u> Days added on this CO: <u>0</u></p> <p>Amount added by this change order: <u>\$21,002.40</u></p>
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RECOMMENDED FOR EXECUTION:

[Signature] P.E. 9/29/20
Project Manager Date

N/A
Design Engineer Date

[Signature] 9/29/2020
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

[Signature] 10/6/2020
County Judge Date
☒ APPROVED

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 4

Project # 1810-265

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
RR 510 W12	24" WATER LINE CASING	LF	\$262.53	0.00	\$0.00	80.00	80.00	\$21,002.40	\$21,002.40
TOTALS					\$0.00			\$21,002.40	\$21,002.40

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

**North Mays Extension
Williamson County Project No. 1810-265**

Change Order No. 4

Reason for Change

This Change Order adds a 24" encasement to the relocation of the new City of Round Rock 12" Water Line A that crosses the roadway at the north end of the project where it ties into the existing alignment. The installation of the water line was included in the plans, but the encasement was not. The encasement is required to protect the water line under the roadway.

Following is a summary of the items required for this change order.

ITEM	DESCRIPTION	QTY	UNIT
RR 510 W12	24" WATER LINE CASING	80.00	LF

This Change Order results in an increase of \$21,002.40 to the Contract amount, for an adjusted Contract total of \$10,889,608.71. The original Contract amount was \$10,775,835.75. Because of this and all other Change Orders, \$113,772.96 has been added to the Contract, resulting in a 1.06% 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.

Change Order # 4 Breakdown

Capital Excavation Company

per unit item, the
total is \$21,002.40

PROJECT: NORTH MAYS EXTENSION **DATE:** 8/12/2020

DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENDED PRICE
24" Waterline Casing	80.00	LF	\$ 262.53	\$ 21,002.56

	<u>Reg</u> <u>MH</u>	<u>Over time</u> <u>MH</u>	<u>UNIT</u>	<u>REG. UNIT</u> <u>PRICE</u>	<u>OT. UNIT</u> <u>PRICE</u>	<u>TOTALS</u>
LABOR						
UTILITY FOREMAN	8.0	2.0	MH	\$ 46.00	\$69.00	\$ 506.00
PIPE LAYER	8.0	2.0	MH	\$ 19.00	\$28.50	\$ 209.00
UTILITY LABORER	8.0	2.0	MH	\$ 17.00	\$25.50	\$ 187.00
PIPE LAYER HELPER	8.0	2.0	MH	\$ 19.00	\$28.50	\$ 209.00
EXCAVATOR OPERATOR	8.0	2.0	MH	\$ 21.25	\$31.88	\$ 233.75
TAMPER OPERATOR	8.0	2.0	MH	\$ 16.25	\$24.38	\$ 178.75
TAMPER OPERATOR	8.0	2.0	MH	\$ 19.00	\$28.50	\$ 209.00
				SUBTOTAL:		\$ 1,732.50
			Labor Mark-Up	25%		\$ 433.13
			Ins. & Tax Mark-Up	55%		\$ 952.88
				LABOR TOTAL		\$ 3,118.50
EQUIPMENT						
320 EXCAVATOR	8.0		HR	\$ 96.78		\$ 774.24
330 EXCAVATOR	8.0		HR	\$ 149.68		\$ 1,197.44
950 WHEEL LOADER	8.0		HR	\$ 69.60		\$ 556.80
LARGE PLATE COMPACTOR	8.0		HR	\$ 17.22		\$ 137.76
2,000 GALLON WATER TRUCK	8.0		HR	\$ 29.83		\$ 238.64
FOREMAN TRUCK	8.0		HR	\$ 19.28		\$ 154.24
				SUBTOTAL:		\$ 3,059.12
			Mark-Up	15%		\$ 458.87
				EQUIPMENT TOTAL		\$ 3,517.99
MATERIALS						
24" X 0.375 STEEL CASING PIPE	80.0		LF	\$ 93.19		\$ 7,455.32
12" JOINT RESTRAINT	4.0		EA	\$ 191.64		\$ 766.56
CASING SPACER	12.0		EA	\$ 91.00		\$ 1,092.00
CASING END SEALS	2.0		EA	\$ 61.60		\$ 123.20
POLYWRAP, 24"	80.0		LF	\$ 0.55		\$ 44.00
				SUBTOTAL:		\$ 9,481.08
			Mark-Up	25%		\$ 2,370.27
				MATERIALS TOTAL		\$ 11,851.35

SUBS							
WELDING SUBCONTRACTOR	8.0		HR		\$ 274.62		\$ 2,196.93
					SUBTOTAL:		\$ 2,196.93
			Mark-Up		5%		\$ 109.85
					SUBS TOTAL		\$ 2,306.78
					TOTAL LESS BOND		\$ 20,794.61
					1.0%		\$ 207.95
							\$ 21,002.56

BOND
THIS CHANGE ORDER



**SOUTHWESTERN
WELDING AND MACHINING**
2751 South Foster Road
San Antonio, TX 78220

Invoice

Bill To

Capital Excavation
P.O. Box 1301
Austin, TX 78767

DATE	8/6/2020
INVOICE	40363
TERMS	Net 30/P.O. Req
AUTH BY	
MODEL / EQUIP #	
P.O. #	
PAYMENT METHOD / DATE	

DESCRIPTION OF WORK PERFORMED

AMOUNT

Service call to weld up waterline steel casing pipe

2,029.50T

Project: North Mays Street Extension

Location: Oakmont Street & North Mays - Water Line A

Subtotal \$2,029.50

Sales Tax (8.25%) \$167.43

TOTAL \$2,196.93

Phone #
210-648-6011

Fax #
210-648-6012

E-mail
Info@SouthwesternWelding.com

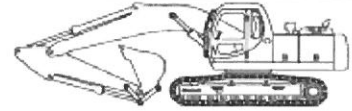
NOW ACCEPTING MASTERCARD, VISA AND AMERICAN EXPRESS

Adjustments for TH22 in CAP EX EQUIPMENT

February 22, 2019

Caterpillar 320C L (disc. 2008)

Crawler Mounted Hydraulic Excavators



Size Class:

21.1 - 24.0 MTons

Weight:

46,300 lbs.

Configuration for 320C L (disc. 2008)

Power Mode	Diesel	Net Horsepower	138 hp
Operating Weight	21 mt	Bucket Capacity - Heaped	1.25 cu yd

Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

	Ownership Costs				Estimated Operating Costs	FHWA Rate**
	Monthly	Weekly	Daily	Hourly	Hourly	Hourly
Published Rates	\$9,495.00	\$2,660.00	\$665.00	\$100.00	\$50.30	\$104.25
Adjustments						
Region (Texas: 90.6%)	(\$892.53)	(\$250.04)	(\$62.51)	(\$9.40)		
Model Year (2001: 95.1%)	(\$421.52)	(\$118.09)	(\$29.52)	(\$4.44)		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	\$8,180.95	\$2,291.87	\$572.97	\$86.16	\$50.30	\$96.78

Non-Active Use Rates

Hourly

Standby Rate	\$24.17
Idling Rate	\$65.43

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	36%	\$3,418.20/mo
Overhaul (ownership)	48%	\$4,557.60/mo
CFC (ownership)	9%	\$854.55/mo
Indirect (ownership)	7%	\$664.65/mo
Fuel (operating) @ 3.27	38%	\$18.95/hr

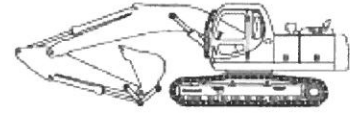
Revised Date: 1st Half 2019

Adjustments for TH 2002 330 CL Excavator in CAP EX EQUIPMENT

February 22, 2019

Caterpillar 330C L (disc. 2006)

Crawler Mounted Hydraulic Excavators



Size Class:

33.1 - 40.0 MTons

Weight:

77,400 lbs.
Configuration for 330C L (disc. 2006)

Power Mode	Diesel	Net Horsepower	244 hp
Bucket Capacity - Heaped	2.25 cu yd	Operating Weight	35.1 mt

Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

	Ownership Costs				Estimated Operating Costs	FHWA Rate**
	Monthly	Weekly	Daily	Hourly	Hourly	Hourly
Published Rates	\$13,950.00	\$3,905.00	\$975.00	\$145.00	\$80.10	\$159.36
Adjustments						
Region (Texas: 90.6%)	(\$1,311.30)	(\$367.07)	(\$91.65)	(\$13.63)		
Model Year (2002: 96.9%)	(\$391.80)	(\$109.68)	(\$27.38)	(\$4.07)		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	\$12,246.90	\$3,428.25	\$855.97	\$127.30	\$80.10	\$149.68

Non-Active Use Rates

Hourly

Standby Rate	\$36.18
Idling Rate	\$103.09

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	36%	\$5,022.00/mo
Overhaul (ownership)	48%	\$6,696.00/mo
CFC (ownership)	9%	\$1,255.50/mo
Indirect (ownership)	7%	\$976.50/mo
Fuel (operating) @ 3.27	42%	\$33.51/hr

Revised Date: 1st Half 2019

Adjustments for WL54 in CAP EX EQUIPMENT

February 22, 2019

Caterpillar 950H (disc. 2012)

4-Wd Articulated Wheel Loaders

Size Class:

175 - 199 HP

Weight:

40,435 lbs.



Configuration for 950H (disc. 2012)

Power Mode	Diesel	Net Horsepower	197 hp
Operator Protection	EROPS	Bucket Capacity - Heaped	4 cu yd

Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

	Ownership Costs				Estimated Operating Costs	FHWA Rate**
	Monthly	Weekly	Daily	Hourly	Hourly	Hourly
Published Rates	\$5,620.00	\$1,575.00	\$395.00	\$59.00	\$38.85	\$70.78
Adjustments						
Region (100%)	-	-	-	-		
Model Year (2008: 96.3%)	(\$207.94)	(\$58.28)	(\$14.62)	(\$2.18)		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	\$5,412.06	\$1,516.72	\$380.38	\$56.82	\$38.85	\$69.60

Non-Active Use Rates

	Hourly
Standby Rate	\$19.07
Idling Rate	\$51.49

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	40%	\$2,248.00/mo
Overhaul (ownership)	38%	\$2,135.60/mo
CFC (ownership)	12%	\$674.40/mo
Indirect (ownership)	10%	\$562.00/mo
Fuel (operating) @ 3.27	53%	\$20.74/hr

Revised Date: 1st Half 2019

Adjustments for HC7 in CAP EX EQUIPMENT

February 22, 2019

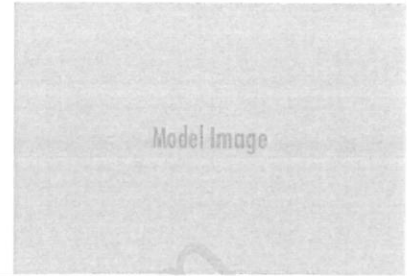
NPK C-8B W/SWIVEL (disc. 2000)

Hydraulic Compactors For Backhoe Mounting

Size Class:

20,001 lbs & Over

Weight:

2,000 lbs.

Configuration for C-8B W/SWIVEL (disc. 2000)

Cycles per Minute **2200** Impulse Force **24000 lbs**
Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

	Ownership Costs				Estimated Operating Costs	FHWA Rate**
	Monthly	Weekly	Daily	Hourly	Hourly	Hourly
Published Rates	\$1,930.00	\$540.00	\$135.00	\$20.00	\$7.60	\$18.57
Adjustments						
Region (Texas: 88.6%)	(\$220.02)	(\$61.56)	(\$15.39)	(\$2.28)		
Model Year (1998: 99%)	(\$17.10)	(\$4.78)	(\$1.20)	(\$0.18)		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	\$1,692.88	\$473.66	\$118.41	\$17.54	\$7.60	\$17.22

Non-Active Use Rates

	Hourly
Standby Rate	\$4.91
Idling Rate	\$9.62

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	41%	\$791.30/mo
Overhaul (ownership)	49%	\$945.70/mo
CFC (ownership)	4%	\$77.20/mo
Indirect (ownership)	6%	\$115.80/mo

Fuel cost data is not available for these rates.

Revised Date: 1st Half 2019

Adjustments for 2005 Freightliner M2/106 Water Truck in CAP EX EQUIPMENT

February 22, 2019

Miscellaneous DSL 4X2 2500

On-Highway Water Tankers

Size Class:

To 199 HP

Weight:

10,500 lbs.

Model Image

Configuration for DSL 4X2 2500

Power Mode	Diesel	Horsepower	150
Tank Capacity	2500 gal		

Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

	Ownership Costs				Estimated Operating Costs	FHWA Rate**
	Monthly	Weekly	Daily	Hourly	Hourly	Hourly
Published Rates	\$2,000.00	\$560.00	\$140.00	\$21.00	\$20.75	\$32.11
Adjustments						
Region (Texas: 91.4%)	(\$172.00)	(\$48.16)	(\$12.04)	(\$1.81)		
Model Year (2005: 87.4%)	(\$230.33)	(\$64.49)	(\$16.12)	(\$2.42)		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	\$1,597.67	\$447.35	\$111.84	\$16.77	\$20.75	\$29.83

Non-Active Use Rates

	Hourly
Standby Rate	\$6.26
Idling Rate	\$21.34

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	49%	\$980.00/mo
Overhaul (ownership)	31%	\$620.00/mo
CFC (ownership)	9%	\$180.00/mo
Indirect (ownership)	11%	\$220.00/mo
Fuel (operating) @ 3.27	59%	\$12.26/hr

Revised Date: 1st Half 2019

Adjustments for Chevy 1 Ton Truck 04 in CAP EX EQUIPMENT

February 22, 2019

Miscellaneous 4X2 1 234 CONV GAS

On-Highway Light Duty Trucks

Size Class:

200 - 299 HP

Weight:

4,133 lbs.



Configuration for 4X2 1 234 CONV GAS

Axle Configuration	4X2	Power Mode	Gasoline
Horsepower	234	Cab Type	Conventional
Ton Rating	1		

Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

	Ownership Costs				Estimated Operating Costs	FHWA Rate**
	Monthly	Weekly	Daily	Hourly	Hourly	Hourly
Published Rates	\$780.00	\$220.00	\$55.00	\$8.00	\$15.65	\$20.08
Adjustments						
Region (Texas: 91.4%)	(\$67.08)	(\$18.92)	(\$4.73)	(\$0.69)		
Model Year (2004: 89.6%)	(\$74.14)	(\$20.91)	(\$5.23)	(\$0.76)		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	\$638.78	\$180.17	\$45.04	\$6.55	\$15.65	\$19.28

Non-Active Use Rates

Hourly

Standby Rate	\$2.58
Idling Rate	\$15.86

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	54%	\$421.20/mo
Overhaul (ownership)	29%	\$226.20/mo
CFC (ownership)	7%	\$54.60/mo
Indirect (ownership)	10%	\$78.00/mo
Fuel (operating) @ 2.75	78%	\$12.23/hr

Revised Date: 1st Half 2019



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

Deliver To: .
From: Brad Ellis
Comments:

14:55:29 JUN 29 2020

Page 1 of 1

FERGUSON WATERWORKS #1106

Order Confirmation
Phone: 512-930-2262
Fax: 512-930-2388

Order No: 1071570 Req Date: 06/29/20 Ship Via: OUR TRUCK
Order Date: 06/26/20 Terms: NET 10TH PROX
Writer: CPB

Sold To: CAPITAL EXCAVATION COMPANY Ship To: CAPITAL EXCAVATION COMPANY
971 N MAYS EXTENSION PALOMA DRIVE & N MAYS ST
PO BOX 1301
AUSTIN, TX 78767 N MAYS EXTENSION
ROUND ROCK, TX 78665

Cust PO#: 971 Job Name: 971 N MAYS EXTENSION

Item	Description	Quantity	Net Price	UM	Total
	RICKY- 512-618-4379				

DSCP37524	24X.375 STL CASING PIPE	80	9319.150	C	7455.32
FUFR1390C12REDRBI	12 JT REST RED W/ BBN HDWR	4	191.640	EA	766.56
B13202325SS8CR	13.20X23.25 SS 8 WIDE CASING SPCR	12	91.000	EA	1092.00
B13202400ESW	13.20X24.00 END SEAL WRAP	2	61.600	EA	123.20
Net Total:					\$9437.08
Tax:					\$0.00
Freight:					\$0.00
Total:					\$9437.08

WARRANTY PROVISIONS

The purchaser's sole and exclusive warranty is that provided by the manufacturer, if any. Seller makes no express or implied warranties. SELLER DISCLAIMS ALL EXPRESS OR IMPLIED WARRANTIES INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS OR FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT WILL SELLER BE LIABLE FOR ANY INCIDENTAL, PUNITIVE, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING DIRECTLY OR INDIRECTLY FROM THE OPERATION OR USE OF THE PRODUCT. SELLER'S LIABILITY, IF ANY, SHALL BE LIMITED TO THE NET SALES PRICE RECEIVED BY SELLER. Complete Terms and Conditions are available upon request or can be viewed on the web at <https://www.ferguson.com/content/website-info/terms-of-sale>

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



HOW ARE WE DOING? WE WANT YOUR FEEDBACK!

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

<https://survey.medallia.com/?bidsorder&fc=1254&on=45927>