

WILLIAMSON COUNTY, TEXAS
CHANGE ORDER NUMBER: 2

Received

APR 27 2017

HNTB Corporation
Round Rock

1. CONTRACTOR: DeNucci Constructors
2. Change Order Work Limits: Sta. 2+56 to Sta. 3+29
3. Type of Change (on federal-aid non-exempt projects): Min (Major/Minor)
4. Reasons: 2G, 4B (3 Max. - In order of importance - Primary first)

Project: 1604-068
Roadway: Forest North Drainage Ph 1
CSJ Number: _____

5. Describe the work being revised:

2G: Differing Site Conditions (unforeseeable). Unadjusted utility (unforeseeable). This Change Order compensates the Contractor for the removal and relocation of an existing waterline that is in conflict with the proposed storm sewer line BB1 at the corner of Broadmeade Avenue and Braeburn Glen. **4B: Third Party Accommodation. Third party requested work.** This change order also compensates the Contractor for completed trench repair of the asbestos line that is being removed. A portion of the trench repair quantity has been added to this change order. The remaining quantity will be added to a future change order. The City of Austin has agreed to compensate the Contractor for these costs.

6. Work to be performed in accordance with Items: See attached.
7. New or revised plan sheet(s) are attached and numbered: C-114, C-122A
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. # 1 Days added on this CO. 5
Amount added by this change order: \$58,006.83

THE CONTRACTOR

Date 4/25/17

By Paul T. DeNucci
Typed/Printed Name PAUL T. DENUCCI
Typed/Printed Title MANAGER

RECOMMENDED FOR EXECUTION:

[Signature] P.F. 5/1/17
Project Manager Date

N/A
Design Engineer Date

[Signature] 5/7/2017
Program Manager Date

Design Engineer's Seal:

see Revised 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

[Signature] [Signature]
County Judge Date
☒ APPROVED

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 2

Project # 1604-068

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	QUANTITY	ITEM COST	
509S-1	Trench Excavation Safety Protection Systems (All Depths)	LF	\$3.00	5,716.00	\$17,148.00	74.00	5,790.00	\$17,370.00	\$222.00
510-AW8-DIA	Pipe, 8" Diameter, DI CL 350 (All Depths) With Restrained Joints Including Excavation and Backfill	LF	\$85.00	2,469.00	\$209,865.00	74.00	2,543.00	\$216,155.00	\$6,290.00
510-KWW	Ductile Iron Fittings	TON	\$8,500.00	6.60	\$56,100.00	0.069	6.67	\$56,686.50	\$586.50
510-JW-AC 8"x8"	AC Pipe Connections, 8" Dia. X 8" Dia.	EA	\$3,800.00	34.00	\$129,200.00	2.00	36.00	\$136,800.00	\$7,600.00
1900-W8DIA	Removing Pipe, 8" Diameter, AC Pipe	LF	\$32.00	706.00	\$22,592.00	40.00	746.00	\$23,872.00	\$1,280.00
509-WC01	De-Watering Trench for Waterline Relocation	DAY	\$200.00	0.00	\$0.00	5.00	5.00	\$1,000.00	\$1,000.00
502-COA1	BARRICADES, SIGNS AND TRAFFIC HANDLING	DAY	\$106.67	0.00	\$0.00	5.00	5.00	\$533.33	\$533.33
1900-TR	Cut/Restore Pavement for AC Pipe Removal	SY	\$65.00	0.00	\$0.00	623.00	623.00	\$40,495.00	\$40,495.00
TOTALS					\$434,905.00			\$492,911.83	\$58,006.83

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

**Forest North
Williamson County Project No. 1604-068**

Change Order No. 2

Reason for Change

This Change Order compensates the Contractor to remove and relocate an existing waterline that is in conflict with proposed storm sewer line BB1. The conflict is located near the corner of Broadmeade Avenue and Braeburn Glen. The existing waterline was not shown on the City of Austin waterline plans and therefore was not located by the One-Call services, prior to the storm sewer installation. The Contractor has agreed to extend existing bid items to pay for this work and has requested additional pay items with daily rates for de-watering the trench and required traffic control.

This Change Order also pays the Contractor for completed trench repair for the asbestos pipe that has been removed. A portion of the trench repair quantity has been added to this change order to compensate the Contractor for work that has been completed. The remaining quantity will be added to a future change order. The City of Austin is responsible for paying the cost for both issues.

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

ITEM	DESCRIPTION	QTY	UNIT
509-WC01	DE-WATERING TRENCH FOR WATER LINE RELOCATION	5	DAY
502-COA1	BARRICADES, SIGNS AND TRAFFIC HANDLING	5	DAY
1900-TR	CUT/RESTORE PAVEMENT FOR AC PIPE REMOVAL	623	SY

This Change Order results in a net increase of \$58,006.83 to the Contract amount, for an adjusted Contract total of \$3,646,472.33. The original Contract amount was \$3,556,659.50. As a result of this and all Change Orders to-date, \$89,812.83 has been added to the Contract, resulting in a 2.5% net increase in the Contract cost. Five (5) additional days will be added to the Contract because of this Change Order.

HNTB Corporation

James Klotz, P.E.

City of Austin
Forest North- Water and Wastewater Utility
Relocations - 100%
EOPC RFI #8
March 7, 2017

Item	Description	Quantity	Unit	Unit Cost	Total Cost
509S-1	Trench Excavation Safety Protection Systems (All Depths)	74.00	LF	\$ 3.00	\$ 222.00
510-AW8-DI	Pipe, 8" Diameter, DI CL 350 (All Depths) With Restrained Joints Includes Excavation and Backfill	74.00	LF	\$ 85.00	\$ 6,290.00
510-KW	Ductile Iron Fittings	0.07	TON	\$ 8,500.00	\$ 586.50
SP 510-JW-AC 8" x 8"	AC Pipe Connections, 8" Dia. x 8" Dia.	2.00	EA	\$ 3,800.00	\$ 7,600.00
SP 1901-1-W8DIA	Removing Pipe, 8" Diameter, AC Pipe	40.00	LF	\$ 32.00	\$ 1,280.00
Total					\$ 15,978.50

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 1

1. CONTRACTOR: DeNucci

2. Change Order Work Limits: Sta. _____ to Sta. _____

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

4. Reasons: 4B (3 Max. - In order of importance - Primary first)

Project:	<u>1604-068</u>
Roadway:	<u>Forest North</u>
CSJ Number:	_____

5. Describe the work being revised:

4B: Third Party Accommodation. Third party requested work. The COA has requested additional A/C pipe be removed from the project using/overrunning existing line items. The COA will also be reimbursing the contractor for trench repair for the additional A/C pipe as well as the AC pipe already removed through a "Cut/Restore Pavement" line item.

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 CONTRACTOR Date _____

By _____

Typed/Printed Name _____

Typed/Printed Title _____

The following information must be provided

Time Ext. #: _____ Days added on this CO: 30

Amount added by this change order: \$127,263.94

RECOMMENDED FOR EXECUTION:

_____	County Commissioner Precinct 1	Date _____
Project Manager	<input type="checkbox"/> APPROVED <input type="checkbox"/> REQUEST APPROVAL	

_____	County Commissioner Precinct 2	Date _____
N/A	<input type="checkbox"/> APPROVED <input type="checkbox"/> REQUEST APPROVAL	
Design Engineer		

_____	County Commissioner Precinct 3	Date _____
Program Manager	<input type="checkbox"/> APPROVED <input type="checkbox"/> REQUEST APPROVAL	

Design Engineer's Seal:

_____	County Commissioner Precinct 4	Date _____
	<input type="checkbox"/> APPROVED <input type="checkbox"/> REQUEST APPROVAL	

	County Judge	Date _____
<input checked="" type="checkbox"/>	APPROVED	

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 1

Project # 1604-068

TABLE A: Force Account Work and Materials Placed into Stock

[illegible]**TABLE B: Contract Items:**[illegible]

CHANGE ORDER PROPOSAL

Contractor: DeNucci Constructors, LLC.

Project Name: Forest North Drainage Improvements JOB #1604-068 AWW# W-2016-3212.146

Change Order Proposal Number: 3A REV 1 Date: 11/16/2016

Description: Remove additional 1307 LF of AC Pipe. Includes Trench repair of the additional pipe and trench repair of the original 1,496 LF of contract pipe removal **

Labor:

Position	Quantity	RT Hrs	OT Hrs	RT Rate	OT Rate	Total
General Superintendent				\$49.23		\$0.00
Superintendent	1	45		\$37.18		\$1,673.10
Operators	1	45		\$20.50		\$922.50
Pipe Layers	2	45		\$17.62		\$1,585.80
Laborers	1	45		\$16.00		\$720.00
Concrete Form Setter				\$24.00		\$0.00
Concrete Finisher				\$24.00		\$0.00
Truck Driver	1	24		\$35.00		\$840.00
Surveyors				\$20.50		\$0.00
Subtotal						\$5,741.40

Material

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

Subcontractors/Vendors:

Description	Total
Subtotal	\$0.00

Unit Pricing

Description	Quantity	Unit	Price	Total
Trench Repair (Contract Price)	581	SY	\$65.00	\$37,765.00
Remove Additional 8" A/C Pipe (Contract Price)	1307	LF	\$32.00	\$41,824.00
Trench Repair (original Contract pipe removal)**	665	SY	\$65.00	\$43,225.00
				\$0.00
Subtotal				\$122,814.00

Total=1,246 sys

Equipment:

Description	Quantity	Unit	Operating Cost/Hour	Standby Rate	Total
314 Excavator	40	Hours	\$71.59		\$2,863.60
IT14G Loader	40	Hours	\$40.38		\$1,615.20
					\$0.00
					\$0.00
					\$0.00
					\$0.00
Subtotal					\$4,478.80

1,246 / 2 = 623 sys

Labor		\$5,741.40
Labor Burden	55%	\$3,157.77
Labor P & O	15%	\$861.21
Material		\$0.00
Material P & O	15%	\$0.00
Subcontractor		\$0.00
Subcontractor P & O	5%	\$0.00
Bid Item		\$122,814.00
Equipment		\$4,478.80
Bond	1%	\$1,370.53
TOTAL		\$138,423.71

Additional days requested: 30

THIS PLAN WAS PREPARED BY THE CITY OF AUSTIN, TEXAS, AND IS NOT TO BE USED FOR ANY OTHER PURPOSES WITHOUT THE WRITTEN PERMISSION OF THE CITY OF AUSTIN, TEXAS.

THESE PLANS WERE
ENLARGED FOR RECORD
PURPOSES.
SCALE IS 1" = 50'.
ORIGINAL SIZE: 11" X 17"

AWU GRID #033-3 & #033-4

SCALE: 1" = 50'

GENERAL NOTES

1. THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK AND AGREE TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES THAT MIGHT BE OCCURRED BY THE FAILURE TO EXACTLY LOCATE AND PRESERVE ALL UNDERGROUND UTILITIES. WHEN THE CONTRACTOR IS USING TRENCHLESS INSTALLATION METHODS, THE CONTRACTOR SHALL LOCATE ALL UTILITIES FOR THE ENTIRE LENGTH OF THE INSTALLATION PRIOR TO ANY ACTIVITIES.
2. CONTRACTOR TO MAINTAIN 48" MINIMUM COVER OVER PROPOSED WATER LINE IN THE STREET AND 30" IN UNPAVED AREAS. CONTRACTOR TO MAINTAIN MINIMUM 1" VERTICAL AND 9" HORIZONTAL CLEARANCE BETWEEN PROPOSED AND EXISTING UTILITIES UNLESS OTHERWISE SHOWN ON THE PLANS.
3. ANY DISCREPANCIES FROM WHAT IS SHOWN SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO BEGINNING WORK.
4. ALL WATER LINES SHALL BE DUCTILE IRON CLAS 300 AS DEFINED BY AWWA C151 AND DUCTILE IRON FITTINGS COMPLYING WITH AWWA C153 UNLESS OTHERWISE NOTED ON PLANS.
5. RETRAIN ALL PIPE JOINTS AND FITTINGS PER SPL WMA-21A.
6. CONNECTION LOCATIONS ARE APPROXIMATE. CONTRACTOR SHALL LOCATE THE EXISTING CONNECTIONS ON THE AC PIPE, MAKE CONNECTIONS, AND REMOVE THE AMOUNT OF AC PIPE AS SHOWN PER DETAIL ON SHEETS C-803 - C-809.
7. CONTRACTOR SHALL INSURE PROPOSED FIRE LINE AND SERVICE LINE MEET MINIMUM DEPTH REQUIREMENTS UNDER THE PROPOSED CHANNEL AND CULVERT IMPROVEMENTS.
8. EXISTING ASBESTOS CEMENT WATER MAINS ARE TO BE PROTECTED AND REMAIN IN SERVICE UNTIL THE NEW DUCTILE IRON MAIN IS CONSTRUCTED, TESTED, APPROVED AND SERVICE LINES RECONNECTED AND THE NEW MAIN IS PLACED IN SERVICE.
9. EXISTING WATER SERVICE LINES AND METERS ARE TO BE PROTECTED AND REMAIN IN SERVICE UNTIL NEW SERVICE LINES ARE CONSTRUCTED, TESTED, APPROVED AND RECONNECTED AND IN SERVICE.
10. CONTRACTOR SHALL CONTACT WASTE MAINTENANCE AT THE CITY OF AUSTIN BUILDING SERVICES DEPARTMENT (512) 475-7104 3 WEEKS PRIOR TO THE PLANNED START DATE TO COORDINATE INSPECTION OF THE DISTURBANCE OF THE AC PIPE AND REMOVAL REQUIREMENTS. ALL WORK MUST CONFORM TO CITY OF AUSTIN SPECIFICATIONS SECTION 190 OF THE PROJECT MANUAL.
11. AN APPROVED CITY OF AUSTIN ASBESTOS CONSULTING FIRM WILL NEED TO BE RETAINED TO OVERSEE THE WORK ACTIVITIES AND DOCUMENT AIR QUALITY. THE CONTRACTOR IS RESPONSIBLE TO RETAIN A LICENSED CONTRACTOR FAMILIAR WITH CITY OF AUSTIN PROCEDURES FOR ANY ACTIVITY DISTURBING THE EXISTING AC PIPE.
12. THE DEPARTMENT OF STATE HEALTH SERVICES MUST BE CONTACTED 10 DAYS PRIOR TO THE START OF ANY ADAPTMENT WORK.
13. EXISTING SERVICE LINES MAY BE COPPER OR PVC PER RECORD DRAWINGS. NOTIFY ENGINEER IF OTHER MATERIAL IS IN PLACE. PROPOSED SERVICE LINE ARE TO BE INSTALLED BELOW PROPOSED DRAINAGE IMPROVEMENTS.
14. EXISTING ASBESTOS CEMENT PIPE TO BE REMOVED FROM JOINT TO JOINT. PIPE REMOVAL SHALL INCLUDE THE COST OF TRENCH AND PAVEMENT REPAIRS, AS WELL AS ALL OTHER INCIDENTALS NECESSARY TO COMPLETE THE PIPE REMOVAL.

LEGEND

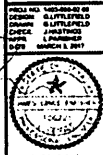
- WM WATER METER
- WV WATER VALVE
- FD FIRE HYDRANT
- WM WASTE WATER MANHOLE
- PP POWER POLE
- WATER LINE
- WASTE WATER LINE
- UNDERGROUND TELEPHONE
- OVERHEAD ELECTRIC

REVIEWED
MAY 14, 2014
Austin Water Utility

CobbFendley
CITY OF AUSTIN
1111 EAST 17TH STREET, SUITE 200
AUSTIN, TEXAS 78702
WWW.COBBFENDLEY.COM

BRAEBURN ZONE - OVERALL
FOREST NORTH UTILITY RELOCATIONS
AUSTIN, TX

WILLIAMSON COUNTY
1711



SHEET
C-114
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