

MAY 28 2019

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Received

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MAY 29 2019

MAY 24 2019

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: n 5

HNTB Corporation  
Round Rock

HNTB Corporation  
Round Rock

- 1. CONTRACTOR: Smith Contracting Co.
- 2. Change Order Work Limits: Sta. 3+45 to Sta. 40+07
- 3. Type of Change(on federal-aid non-exempt projects): Min (Major/Minor)
- 4. Reasons: 2E (3 Max. - In order of importance - Primary first)

Project:	<u>1710-194</u>
Roadway:	<u>Neenah Ave</u>
CSJ Number:	<u></u>

5. Describe the work being revised:

**2E: Differing Site Conditions. Miscellaneous difference in site conditions (unforeseeable)(Item 9).** This Change Order provides the final balancing for the overrun/underrun of Williamson County Contract quantities on the project as a result of addressing field conditions not accounted for in the original plans.

- 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).

<p><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></p> <p>THE CONTRACTOR Date <u>5-23-19</u></p> <p>By <u>[Signature]</u> VP</p> <p>Typed/Printed Name <u>HARDIN CAMP II</u></p> <p>Typed/Printed Title <u>VP</u></p>	<p><b>The following information must be provided</b></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>(\$339,073.04)</u></p>
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RECOMMENDED FOR EXECUTION:

[Signature] P.E. 5/28/19  
Project Manager Date

N/A  
Design Engineer Date

[Signature] 05-28-2019  
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

# WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 5

Project # 1710-194

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	
110S-B	STREET EXCAVATION, PLAN QUANTITY	CY	\$20.00	544.00	\$10,880.00	2,305.00	2,849.00	\$56,980.00	\$46,100.00
120S-B	CHANNEL EXCAVATION, PLAN QUANTITY	CY	\$18.00	982.00	\$17,676.00	114.00	1,096.00	\$19,728.00	\$2,052.00
132S-A	EMBANKMENT	CY	\$12.00	3,306.00	\$39,672.00	(2,043.00)	1,263.00	\$15,156.00	(\$24,516.00)
201S	SUBGRADE PREPARATION	SY	\$4.00	15,664.00	\$62,656.00	(488.00)	15,176.00	\$60,704.00	(\$1,952.00)
203S-A	LIME TREATED SUBGRADE, (8 IN THICK), (SLURRY)	SY	\$9.00	4,967.00	\$44,703.00	(4,967.00)	0.00	\$0.00	(\$44,703.00)
210S-A	FLEXIBLE BASE	CY	\$40.00	3,572.00	\$142,880.00	(387.00)	3,185.00	\$127,400.00	(\$15,480.00)
306S	PRIME COAT	GAL	\$4.00	689.00	\$2,756.00	(189.00)	500.00	\$2,000.00	(\$756.00)
307S	TACK COAT	GAL	\$3.25	421.00	\$1,368.25	(153.00)	268.00	\$871.00	(\$497.25)
312S-D	SEAL COAT, COMPLETE IN PLACE	SY	\$2.25	17,156.00	\$38,601.00	(17,156.00)	0.00	\$0.00	(\$38,601.00)
313S-B	RUBBER ASPHALT JOINT AND CRACK SEALER	LF	\$0.56	9,888.00	\$5,537.28	2,341.00	12,229.00	\$6,848.24	\$1,310.96
340S-B2D	HOT MIX ASPHALTIC CONCRETE PAVEMENT, 2 INCHES, TYPE D	SY	\$12.00	3,834.00	\$46,008.00	38.00	3,872.00	\$46,464.00	\$456.00
340S-B4C	HOT MIX ASPHALTIC CONCRETE PAVEMENT, 4 INCHES, TYPE C	SY	\$26.00	3,231.00	\$84,006.00	(147.51)	3,083.49	\$80,170.74	(\$3,835.26)
340S-B3C	HOT MIX ASPHALTIC CONCRETE PAVEMENT, 3 INCHES, TYPE C	SY	\$20.00	26.00	\$520.00	(26.00)	0.00	\$0.00	(\$520.00)
360S-A	7 IN. CONCRETE PAVEMENT	SY	\$100.00	101.00	\$10,100.00	9.00	110.00	\$11,000.00	\$900.00
360S-B	MONOLITHIC CURB	LF	\$12.00	513.00	\$6,156.00	(81.00)	432.00	\$5,184.00	(\$972.00)
414S-C-SUP	CAST-IN-PLACE PORTLAND CEMENT CONCRETE RETAINING WALL, INCLUDING REINFORCING STEEL	CY	\$900.00	12.00	\$10,800.00	4.00	16.00	\$14,400.00	\$3,600.00
430S-B	P.C. CONCRETE CURB & GUTTER (FINE GRADING)	LF	\$14.00	3,021.00	\$42,294.00	(43.00)	2,978.00	\$41,692.00	(\$602.00)
432S-4	NEW P.C. CONCRETE SIDEWALK, 4 INCH THICKNESS	SF	\$5.50	673.00	\$3,701.50	159.00	832.00	\$4,576.00	\$874.50
432S-6	NEW P.C. CONCRETE SHARED USE PATH, 6 INCH THICKNESS	SF	\$6.00	44,238.00	\$265,428.00	1,000.00	45,238.00	\$271,428.00	\$6,000.00
432S-RP-1	P.C. SIDEWALK CURB RAMP WITH PAVERS (TYPE 1)	EA	\$1,400.00	6.00	\$8,400.00	(2.00)	4.00	\$5,600.00	(\$2,800.00)
432S-RP-1B	P.C. SIDEWALK CURB RAMP WITH PAVERS(TYPE 1B)	EA	\$1,400.00	6.00	\$8,400.00	2.00	8.00	\$11,200.00	\$2,800.00
433S-C	TYPE II P.C. CONCRETE DRIVEWAYS	SF	\$8.00	9,076.00	\$72,608.00	(3,439.00)	5,637.00	\$45,096.00	(\$27,512.00)
434S	6 INCH P.C. CONCRETE MEDIANS AND ISLANDS	SF	\$10.00	1,200.00	\$12,000.00	(1,200.00)	0.00	\$0.00	(\$12,000.00)
509S-1	TRENCH SAFETY PROTECTIVE SYSTEMS (ALL DEPTHS)	LF	\$1.00	627.00	\$627.00	(119.00)	508.00	\$508.00	(\$119.00)
<b>TOTALS</b>					<b>\$937,778.03</b>			<b>\$827,005.98</b>	<b>(\$110,772.05)</b>

# WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 5

Project # 1710-194

TABLE B: Contract Items (Continued)

ITEM	DESCRIPTION	UNIT	UNIT PRICE	ORIGINAL BUDGET		ADD or (DEDUCT)	NEW		OVERRUN/ UNDERRUN
				QUANTITY	ITEM COST		QUANTITY	ITEM COST	
510-ASD18	PIPE, 18-INCH DIA. RCP CLASS III (ALL DEPTHS), INCLUDING EXCAVATION & BACKFILL COMPLETE IN PLACE AS DETAILED AND SPECIFIED	LF	\$80.00	24.00	\$1,920.00	(9.00)	15.00	\$1,200.00	(\$720.00)
559S-A	CAST IN PLACE CONCRETE BOX CULVERTS	CY	\$700.00	23.00	\$16,100.00	5.00	28.00	\$19,600.00	\$3,500.00
591S-A	DRY ROCK RIPRAP	SY	\$53.00	490.00	\$25,970.00	(24.00)	466.00	\$24,698.00	(\$1,272.00)
602S-A	BERMUDA SODDING	SY	\$5.75	1,678.00	\$9,648.50	(1,678.00)	0.00	\$0.00	(\$9,648.50)
602S-B	ST AUGUSTINE SODDING	SY	\$5.75	1,678.00	\$9,648.50	(1,678.00)	0.00	\$0.00	(\$9,648.50)
605S-A	SOIL RETENTION BLANKET, CLASS 1, TYPE C	SY	\$5.50	19,459.00	\$107,024.50	(17,681.00)	1,778.00	\$9,779.00	(\$97,245.50)
609S-A	TOPSOIL AND SEEDBED PREP	SY	\$5.50	10,773.00	\$59,251.50	(2,384.00)	8,389.00	\$46,139.50	(\$13,112.00)
609S-C	NATIVE GRASSLANDS FOR EROSION CONTROL	SY	\$1.75	10,773.00	\$18,852.75	(2,384.00)	8,389.00	\$14,680.75	(\$4,172.00)
609S-G	MANAGEMENT PRACTICES	SY	\$3.25	10,773.00	\$35,012.25	(10,773.00)	0.00	\$0.00	(\$35,012.25)
610S-D	TREE WELL (TREE PROTECTION)	EA	\$2,800.00	7.00	\$19,600.00	(1.00)	6.00	\$16,800.00	(\$2,800.00)
610S-R	REMOVAL OF EXISTING TREE	EA	\$500.00	65.00	\$32,500.00	(5.00)	60.00	\$30,000.00	(\$2,500.00)
623S	DRY STACK WALL (RET. WALL P)	SF	\$43.00	500.00	\$21,500.00	27.00	527.00	\$22,661.00	\$1,161.00
628S-B	SEDIMENT CONTAINMENT DIKES WITH FILTER FABRIC	LF	\$9.00	270.00	\$2,430.00	(255.00)	15.00	\$135.00	(\$2,295.00)
632S	STORM INLET SEDIMENT TRAP	CF	\$6.00	243.00	\$1,458.00	(193.00)	50.00	\$300.00	(\$1,158.00)
639S	ROCK BERM	LF	\$32.00	244.00	\$7,808.00	(52.00)	192.00	\$6,144.00	(\$1,664.00)
641S	STABILIZED CONSTRUCTION ENTRANCE	EA	\$1,100.00	2.00	\$2,200.00	(1.00)	1.00	\$1,100.00	(\$1,100.00)
642S	SILT FENCE FOR EROSION CONTROL	LF	\$2.25	4,757.00	\$10,703.25	(313.00)	4,444.00	\$9,999.00	(\$704.25)
648S	MULCH SOCK	LF	\$10.75	509.00	\$5,471.75	106.00	615.00	\$6,611.25	\$1,139.50
703S	SAFETY FENCE	LF	\$2.40	275.00	\$660.00	1,498.00	1,773.00	\$4,255.20	\$3,595.20
829S-A	TYPE I BICYCLE LANE MARKINGS 6 INCHES IN WIDTH, WHITE IN COLOR	LF	\$0.70	1,694.00	\$1,185.80	(16.00)	1,678.00	\$1,174.60	(\$11.20)
829S-E	TYPE II BICYCLE LANE MARKINGS 6 INCHES IN WIDTH, WHITE IN COLOR	LF	\$0.43	1,694.00	\$728.42	(1,694.00)	0.00	\$0.00	(\$728.42)
863S-3	REFLECTORIZED PAVEMENT MARKERS (TYPE II A-A)	EA	\$5.25	135.00	\$708.75	67.00	202.00	\$1,060.50	\$351.75
870S-A24W	WORK ZONE PAVEMENT MARKINGS (REMOVABLE), 24 INCHES IN WIDTH, WHITE IN COLOR	LF	\$13.00	810.00	\$10,530.00	(615.00)	195.00	\$2,535.00	(\$7,995.00)
870S-B4Y	WORK ZONE PAVEMENT MARKINGS (NON-REMOVABLE), 4 INCHES IN WIDTH, YELLOW IN COLOR	LF	\$1.15	8,402.00	\$9,662.30	(8,402.00)	0.00	\$0.00	(\$9,662.30)
871S-A4YB	REFLECTORIZED TYPE I THERMOPLASTIC PAVEMENT MARKINGS 4 INCHES IN WIDTH, YELLOW IN COLOR	LF	\$0.48	5,710.00	\$2,740.80	1,441.00	7,151.00	\$3,432.48	\$691.68
871S-A4YS	REFLECTORIZED TYPE I THERMOPLASTIC PAVEMENT MARKINGS 4 INCHES IN WIDTH, YELLOW IN COLOR (BROKEN)	LF	\$0.50	2,017.00	\$1,008.50	(677.00)	1,340.00	\$670.00	(\$338.50)
871S-A4WB	REFLECTORIZED TYPE I THERMOPLASTIC PAVEMENT MARKINGS 4 INCHES IN WIDTH, WHITE IN COLOR (BROKEN)	LF	\$0.50	2,720.00	\$1,360.00	(882.00)	1,838.00	\$919.00	(\$441.00)
871S-A8WS	REFLECTORIZED TYPE I THERMOPLASTIC PAVEMENT MARKINGS 8 INCHES IN WIDTH, WHITE IN COLOR (SOLID)	LF	\$1.15	240.00	\$276.00	26.00	266.00	\$305.90	\$29.90
871S-A12YS	REFLECTORIZED TYPE I THERMOPLASTIC PAVEMENT MARKINGS 12 INCHES IN WIDTH, YELLOW IN COLOR (SOLID)	LF	\$3.40	359.00	\$1,220.60	(178.00)	181.00	\$615.40	(\$605.20)
871S-A12WS	REFLECTORIZED TYPE I THERMOPLASTIC PAVEMENT MARKINGS 12 INCHES IN WIDTH, WHITE IN COLOR (SOLID)	LF	\$3.40	879.00	\$2,988.60	(57.00)	822.00	\$2,794.80	(\$193.80)
871S-A24WS	REFLECTORIZED TYPE I THERMOPLASTIC PAVEMENT MARKINGS 24 INCHES IN WIDTH, WHITE IN COLOR (SOLID)	LF	\$6.25	24.00	\$150.00	1.00	25.00	\$156.25	\$6.25
The "Totals" from Table B of the previous work sheet:						\$937,778.03		\$827,005.98	(\$110,772.05)
<b>TOTALS</b>						<b>\$1,358,096.80</b>		<b>\$1,054,772.61</b>	<b>(\$303,324.19)</b>

# WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 5

Project # 1710-194

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
871S-C	REFLECTORIZED TYPE I THERMOPLASTIC PAVEMENT MARKINGS LEFT ARROW, WHITE IN COLOR	EA	\$205.00	2.00	\$410.00	12.00	14.00	\$2,870.00	\$2,460.00
871S-C	REFLECTORIZED TYPE I THERMOPLASTIC PAVEMENT MARKINGS LEFT ARROW, YELLOW IN COLOR	EA	\$80.00	12.00	\$960.00	(12.00)	0.00	\$0.00	(\$960.00)
871S-B	REFLECTORIZED TYPE I THERMOPLASTIC PAVEMENT MARKINGS 'ONLY', WHITE IN COLOR (SOLID)	EA	\$120.00	1.00	\$120.00	1.00	2.00	\$240.00	\$120.00
871S-E4YB	REFLECTORIZED TYPE II THERMOPLASTIC PAVEMENT MARKINGS 4 INCHES IN WIDTH, YELLOW IN COLOR (SOLID)	LF	\$0.30	5,710.00	\$1,713.00	1,115.00	6,825.00	\$2,047.50	\$334.50
871S-E4YS	REFLECTORIZED TYPE II THERMOPLASTIC PAVEMENT MARKINGS 4 INCHES IN WIDTH, YELLOW IN COLOR (BROKEN)	LF	\$0.32	2,017.00	\$645.44	(737.00)	1,280.00	\$409.60	(\$235.84)
871S-E4WB	REFLECTORIZED TYPE II THERMOPLASTIC PAVEMENT MARKINGS 4 INCHES IN WIDTH, WHITE IN COLOR (BROKEN)	LF	\$0.32	2,720.00	\$870.40	(872.00)	1,848.00	\$591.36	(\$279.04)
871S-E8WS	REFLECTORIZED TYPE II THERMOPLASTIC PAVEMENT MARKINGS 8 INCHES IN WIDTH, WHITE IN COLOR (SOLID)	LF	\$0.60	240.00	\$144.00	(11.00)	229.00	\$137.40	(\$6.60)
871S-E12YS	REFLECTORIZED TYPE II THERMOPLASTIC PAVEMENT MARKINGS 12 INCHES IN WIDTH, YELLOW IN COLOR (SOLID)	LF	\$1.00	359.00	\$359.00	(178.00)	181.00	\$181.00	(\$178.00)
871S-E12WS	REFLECTORIZED TYPE II THERMOPLASTIC PAVEMENT MARKINGS 12 INCHES IN WIDTH, WHITE IN COLOR (SOLID)	LF	\$2.05	879.00	\$1,801.95	(57.00)	822.00	\$1,685.10	(\$116.85)
871S-E24WS	REFLECTORIZED TYPE II THERMOPLASTIC PAVEMENT MARKINGS 24 INCHES IN WIDTH, WHITE IN COLOR (SOLID)	LF	\$2.05	24.00	\$49.20	1.00	25.00	\$51.25	\$2.05
871S-G	REFLECTORIZED TYPE II THERMOPLASTIC PAVEMENT MARKINGS, LEFT ARROW, WHITE IN COLOR	EA	\$90.00	2.00	\$180.00	12.00	14.00	\$1,260.00	\$1,080.00
871S-G	REFLECTORIZED TYPE II THERMOPLASTIC PAVEMENT MARKINGS, LEFT ARROW, YELLOW IN COLOR	EA	\$25.00	12.00	\$300.00	(12.00)	0.00	\$0.00	(\$300.00)
871S-F	REFLECTORIZED TYPE II THERMOPLASTIC PAVEMENT MARKINGS, 'ONLY', WHITE IN COLOR	EA	\$48.00	1.00	\$48.00	1.00	2.00	\$96.00	\$48.00
874S-A4	ELMININATING EXISTING PAVEMENT MARKINGS; 4 INCHES IN WIDTH	LF	\$1.00	8,690.00	\$8,690.00	1,448.00	10,138.00	\$10,138.00	\$1,448.00
874S-A12	ELMININATING EXISTING PAVEMENT MARKINGS; 12 INCHES IN WIDTH	LF	\$4.25	321.00	\$1,364.25	(259.00)	62.00	\$263.50	(\$1,100.75)
432-6045	RIPRAP (MOW STRIP)(4 IN)	CY	\$450.00	24.80	\$11,160.00	1.50	26.30	\$11,835.00	\$675.00
450-6051	PEDESTRIAN RAILING (TXDOT PRD-13 TYPE E)	LF	\$123.00	593.00	\$72,939.00	247.00	840.00	\$103,320.00	\$30,381.00
467-6174	SET (TY I)(S= 5 FT)(HW= 3 FT)(6:1) (C), COMPLETE IN PLACE AS DETAILED AND SPECIFIED	EA	\$7,400.00	0.00	\$0.00	2.00	2.00	\$14,800.00	\$14,800.00
467-6175	SET (TY I)(S= 5 FT)(HW= 3 FT)(3:1) (C), COMPLETE IN PLACE AS DETAILED AND SPECIFIED	EA	\$3,700.00	2.00	\$7,400.00	(2.00)	0.00	\$0.00	(\$7,400.00)
467-6448	SET (TY II)(36 IN)(RCP)(3:1)(C), COMPLETE IN PLACE AS DETAILED AND SPECIFIED	EA	\$3,000.00	1.00	\$3,000.00	(1.00)	0.00	\$0.00	(\$3,000.00)
467-6454	SET (TY II)(36 IN)(RCP)(6:1)(C), COMPLETE IN PLACE AS DETAILED AND SPECIFIED	EA	\$6,000.00	0.00	\$0.00	1.00	1.00	\$6,000.00	\$6,000.00
506-6003	ROCK FILTER DAM (INSTALL ) (TY 3)	LF	\$42.00	189.00	\$7,938.00	(139.00)	50.00	\$2,100.00	(\$5,838.00)
506-6011	ROCK FILTER DAM (REMOVE)	LF	\$3.50	189.00	\$661.50	(139.00)	50.00	\$175.00	(\$486.50)
540-6001	MTL W-BEAM GD FEN (TIM POST)	LF	\$27.00	788.00	\$21,276.00	(188.00)	600.00	\$16,200.00	(\$5,076.00)
550-6001	CHAIN LINK FENCE (INSTALL)(6')	LF	\$21.00	275.00	\$5,775.00	(255.00)	20.00	\$420.00	(\$5,355.00)
999-WC01	FORCE ACCOUNT	DOL	\$1.00	15,000.00	\$15,000.00	(12,764.82)	2,235.18	\$2,235.18	(\$12,764.82)
999-WC02	FORCE ACCOUNT (CAVE/VOID MITIGATION)	DOL	\$1.00	50,000.00	\$50,000.00	(50,000.00)	0.00	\$0.00	(\$50,000.00)
The "Totals" from Table B of the previous work sheet:						\$937,778.03		\$827,005.98	(\$303,324.19)
<b>TOTALS</b>						<b>\$1,150,582.77</b>		<b>\$1,004,061.87</b>	<b>(\$339,073.04)</b>

# CHANGE ORDER REASON(S) CODE CHART

<p>1. Design Error or Omission</p>	<p>1A. Incorrect PS&amp;E 1B. Other</p>
<p>2. Differing Site Conditions (unforeseeable)</p>	<p>2A. Dispute resolution (expense caused by conditions and/or resulting delay) 2B. Unavailable material 2C. New development (conditions changing after PS&amp;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</p>
<p>3. County Convenience</p>	<p>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</p>
<p>4. Third Party Accommodation</p>	<p>4A. Failure of a third party to meet commitment 4B. Third party requested work 4C. `` 4D. Other</p>
<p>5. Contractor Convenience</p>	<p>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</p>
<p>6. Untimely ROW/Utilities</p>	<p>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</p>

## **Williamson County Road Bond Program**

### **Neenah Ave. Widening Williamson County Project No. 1710-194**

#### **Change Order No. 5**

#### **Reason for Change**

This Change Order provides the final balancing for the overrun/underrun of Williamson County contract quantities on the project, as a result of addressing field conditions not accounted for in the original plans. Numerous items were deleted or reduced for the following reasons: cost saving efforts, constructability issues, cooler temperatures (due to the project ending between Fall and Winter), and COA future landscaping and irrigation plans.

Items reduced or deleted as part of cost savings:

- 433S – C: Type II P.C. Concrete Driveways-There were two driveways that did not need to be removed/replaced.
- 434S: 6" P.C. Conc. Medians and Islands-The TCP was simplified allowing the median to stay in place during construction.
- 605S – A: Soil Retention Blanket- This item was reduced because most of the project had slopes flatter than 3:1.
- 609S – G: Management Practices- This item was deleted due to the short amount of time it took for the vegetation cover to be accepted by the COA. No additional measures were needed to achieve growth.

Items reduced or deleted as part of constructability issues:

- 203S – A: Lime Treated Subgrade-This item was deleted due to rocky material encountered at subgrade elevation that would not benefit from lime treatment. The approved geotechnical report allowed additional base to be placed in lieu of the lime.
- 210S – A: Flexible Base-This item was reduced because the tie-in point between the new construction and the existing roadway was revised for safety reasons.

Items reduced or deleted as part of cooler temperatures:

- 312S – D: Seal Coat- This item was deleted because the time of the year the work was scheduled to be performed would not allow minimum placement temperatures to be reached for the application of the seal coat.

- 602S – A & 602S - B: Sodding-Both sodding items were deleted because colder temperatures would not allow sod establishment.

Items reduced or deleted due to the COA’s future landscaping and irrigation plans:

- 609S – A: Topsoil and Seedbed Prep-This item was reduced because the COA’s future landscape/irrigation plans (which included new shrubs/trees on the southside of the project) would have damaged the new seeding.

Also, the embankment quantity (132S – A) was recalculated during the project which reduced the overall final quantity. The excavation quantity (110S – B) was calculated by field measurements which increased the overall final quantity.

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

ITEM	DESCRIPTION	QTY	UNIT
467-6174	SET (TY I) (S= 5 FT) (HW= 3 FT) (6:1) (C), COMPLETE IN PLACE AS DETAILED AND SPECIFIED	2	EA
467-6454	SET (TY II) (36 IN) (RCP) (6:1) (C), COMPLETE IN PLACE AS DETAILED AND SPECIFIED	1	EA

This Change Order results in a net decrease of \$339,073.04 to the Contract amount, for an adjusted Contract total of \$2,205,667.10. The original Contract amount was \$2,529,398.54. As a result of this and all Change Orders to-date, \$323,731.44 has been deducted from the Contract, resulting in a 12.8% net decrease in the Contract cost. There will not be any additional days added to the Contract, as a result of this Change Order.

**HNTB Corporation**

James Klotz, P.E.



EXCAVATING \* PAVING \* CONCRETE \* UTILITIES

Smith Contracting Co., Inc.  
 CHANGE ORDER PROPOSAL #9  
 1710-194 NEENAH AVENUE WIDENING  
 9/26/2018

**DESCRIPTION:**

CHANGE HEADWALLS FROM 3:1 TO 6:1 FOR SAFETY & COMPLIANCE.  
 TOTAL

\$0.00

**Subcontractors:**

	Quantity	Unit	Price	
				\$0.00
TOTAL				\$0.00

**Unit Pricing:**

	Quantity	Unit	Price	
SET TY I S= 5 FT HW=3FT 6:6 COMPLETE IN PLACE AS DETAILED & SPECIFIED	2	EA	\$7,400.00	\$14,800.00
SET TY II 36 IN RCP 6:1 © COMPLETE IN PLACE AS DETAILED AND SPECIFIED	1	EA	\$6,000.00	\$6,000.00
TOTAL				\$20,800.00

**Equipment:**

	Quantity	Unit	Price	
				\$0.00
TOTAL				\$0.00

Labor		\$0.00
Labor Burden	55%	\$0.00
Labor P & O	15%	\$0.00
Material		\$0.00
Material P & O	15%	\$0.00
Subcontractor		\$0.00
Subcontractor P & O	15%	\$0.00
Bid Item		\$20,800.00
Equipment		\$0.00
Equipment OH & P	15%	\$0.00
SUBTOTAL		\$20,800.00
<b>TOTAL</b>		<b>\$20,800.00</b>