

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 15

1. CONTRACTOR: J.C. Evans Construction Co.
2. Change Order Work Limits: Sta. 540+00 to Sta. 635+15
3. Type of Change (on federal-aid non-exempt projects): Major (Major/Minor)
4. Reasons: 4B (3 Max. - In order of importance - Primary first)

Project: 09WC706

Roadway: Williams Drive

CSJ: 2211-01-016

5. Describe the work being revised:

4B: Third Party Accommodation. Third party requested work. At the request of the City of Georgetown, this change order deletes the strain pole signals and adds mast arm signal assemblies, adds a fiber optic interconnection between the signals, and adds roadway improvements at the intersection of Williams Drive and DB Wood/Shell Road to match a City improvement project on DB Wood/Shell Road.

6. Work to be performed in accordance with Items: See Attached
7. New or revised plan sheet(s) are attached and numbered: See Attached
8. New Special Provisions 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 _____</p> <p>By _____</p> <p>Typed/Printed Name _____</p> <p>Typed/Printed Title _____</p>	<p>The following information must be provided</p> <p>Time Ext. #: <u>2</u> Days added on this CO: <u>65</u></p> <p>Amount added by this change order: <u>\$676,011.22</u></p>
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RECOMMENDED FOR EXECUTION:

Project Manager _____ Date _____
Construction Observer

Design Engineer _____ Date _____

Program Manager _____ Date _____

Design Engineer's Seal:


See Revised Plans

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

 _____
☒ APPROVED County Judge _____ Date 11-7-2010

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 15

Project # 09W

TABLE A: Force Account Work and Materials Placed into Stock

	LABOR	HOURLY RATE		

TABLE B: Contract Items

ITEM	DESCRIPTION	UNIT	UNIT PRICE	ORIGINAL + PREVIOUSLY REVISED		ADD or (DEDUCT)	N
				QUANTITY	ITEM COST	QUANTITY	
104-2028-001	REMOV CONC (CVG)	SY	\$39.00	0.00	\$0.00	165.00	165.00
110-2001-001	EXCAVATION (ROADWAY)(WILLIAMS/DB WOOD)	CY	\$17.00	0.00	\$0.00	96.00	96.00
132-2003-001	EMBANK(FINAL)(ORD CMP)(TY B)(WILLIAMS/DB WOOD)	CY	\$12.00	0.00	\$0.00	43.00	43.00
341-2011	D-GR HMA(QCQA)TY-B PG64-22	TON	\$52.00	18,395.00	\$956,540.00	167.00	18,562.00
341-2048	D-GR HMA(QCQA) TY-C SAC-B PG70-22	TON	\$70.00	19,344.00	\$1,354,080.00	303.00	19,647.00
354-2002	PLAN & TEXT ASPH CONC PAV (0" TO 2")	SY	\$4.50	2,061.00	\$9,274.50	210.00	2,271.00
416-2029-001	DRILL SHAFT (RDWY ILL POLE) (30 IN)	LF	\$168.00	0.00	\$0.00	24.00	24.00
416-2030	DRILL SHAFT (TRF SIG POLE) (24 IN)	LF	\$164.30	12.00	\$1,971.60	24.00	36.00
416-2031-001	DRILL SHAFT (TRF SIG POLE) (30 IN)	LF	\$168.00	0.00	\$0.00	23.00	23.00
416-2032	DRILL SHAFT (TRF SIG POLE) (36 IN)	LF	\$291.50	81.00	\$23,611.50	94.00	175.00
416-2034-001	DRILL SHAFT (TRF SIG POLE) (48 IN)	LF	\$310.80	0.00	\$0.00	66.00	66.00
464-2005	RC PIPE (CL III) (24 IN)	LF	\$62.00	1,354.00	\$83,948.00	173.00	1,527.00
467-2236-001	SET (TY II)(24 IN)(RCP)(6:1)(C)	EA	\$1,700.00	4.00	\$6,800.00	3.00	7.00
496-2004	REMOV STR(SET)	EA	\$100.00	107.00	\$10,700.00	3.00	110.00
500-2002-001	MOBILIZATION - SIGNALS	LS	\$3,360.00	0.00	\$0.00	1.00	1.00
500-2003-001	MOBILIZATION - HMA	LS	\$6,663.00	0.00	\$0.00	1.00	1.00
502-2001	BARRICADES SIGNS & TRAFFIC HANDLING	MO	\$2,000.00	19.00	\$38,000.00	2.00	21.00
502-2002-001	BARRICADES SIGNS & TRAFFIC HANDL - SIGNALS/HMA	LS	\$9,515.00	0.00	\$0.00	1.00	1.00
504-2001-001	FIELD OFFICE	MO	\$2,702.02	0.00	\$0.00	2.00	2.00
506-2034	TEMPORARY SEDIMENT CONTROL FENCE	LF	\$2.25	21,475.00	\$48,318.75	25.00	21,500.00
529-20XX-001	CONC GUTTER RIBBON VALLEY	LF	\$20.00	0.00	\$0.00	333.00	333.00
531-2004-001	CONC SIDEWALKS (6")	SY	\$45.00	0.00	\$0.00	99.00	99.00
531-20XX-001	CURB RAMPS (TY B)	EA	\$1,250.00	0.00	\$0.00	4.00	4.00
610-2071-001	INS RDWY ILL ASSEM (SPECIAL)	EA	\$1,575.00	0.00	\$0.00	3.00	3.00
618-2018	CONDUIT (PVC) (SCHD 40) (2")	LF	\$14.50	808.00	\$11,716.00	1,270.00	2,078.00
TOTALS					\$2,544,960.35		

WILLIAMSON COUNTY, TEXAS

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Project # 09WC7

TABLE B: Contract Items (Continued)

				ORIGINAL + PREVIOUSLY REVISED		ADD or (DEDUCT)	NEW	
ITEM	DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	ITEM COST	QUANTITY	QUANTITY	
618-2019-001	CONDUIT (PVC) (SCHD 40) (2") (BORE)	LF	\$18.90	0.00	\$0.00	588.00	588.00	
618-2022	CONDUIT (PVC) (SCHD 40) (3")	LF	\$16.50	812.00	\$13,398.00	1,731.00	2,543.00	
618-2023-001	CONDUIT (PVC) (SCHD 40) (3") (BORE)	LF	\$19.95	0.00	\$0.00	1,176.00	1,176.00	
618-2024	CONDUIT (PVC) (SCHD 40) (4")	LF	\$26.50	116.00	\$3,074.00	(90.00)	26.00	
620-2009	ELEC CONDUCTOR (NO. 6) BARE	LF	\$1.59	108.00	\$171.72	59.00	167.00	
620-2010	ELEC CONDUCTOR (NO. 6) INSULATED	LF	\$2.01	150.00	\$301.50	114.00	264.00	
620-2011	ELEC CONDUCTOR (NO. 8) BARE	LF	\$1.38	502.00	\$692.76	4,428.00	4,930.00	
620-2012	ELEC CONDUCTOR (NO. 8) INSULATED	LF	\$1.69	2,906.00	\$4,911.14	1,744.00	4,650.00	
624-2012	GROUND BOX TY C (162911) W/ APRON	EA	\$675.00	14.00	\$9,450.00	8.00	22.00	
624-2014	GROUND BOX TY D (162922) W/ APRON	EA	\$875.00	2.00	\$1,750.00	4.00	6.00	
625-2004	ZINC COAT STL WIRE (3/8")	LF	\$1.75	2,221.00	\$3,886.75	(1,206.00)	1,015.00	
628-2XXX-001	ELEC SERV TY D (120/240)060(NS)AL(T)SP(O)	EA	\$5,088.00	0.00	\$0.00	4.00	4.00	
628-2098	ELEC SERV TY D (120/240)070(NS)AL(E)EX(O)	EA	\$3,968.00	1.00	\$3,968.00	(1.00)	0.00	
628-2109	ELEC SERV TY D (120/240)070(NS)AL(E)SP(O)	EA	\$5,088.00	2.00	\$10,176.00	(2.00)	0.00	
628-2158	REMOVE ELEC SERVICES	EA	\$265.00	3.00	\$795.00	1.00	4.00	
666-2003	REFL PAV MRK TY I (W) 4" (BRK) (100 MIL)	LF	\$0.25	8,340.00	\$2,085.00	20.00	8,360.00	
666-2006	REFL PAV MRK TY I (W) 4" (DOT) (100 MIL)	LF	\$1.00	113.00	\$113.00	38.00	151.00	
666-2036	REFL PAV MRK TY I (W) 8" (SLD) (100 MIL)	LF	\$0.40	2323.00	\$929.20	493.00	2,816.00	
666-2042	REFL PAV MRK TY I (W) 12" (SLD) (100 MIL)	LF	\$2.10	950.00	\$1,995.00	903.00	1,853.00	
666-2048	REFL PAV MRK TY I (W) 24" (SLD) (100 MIL)	LF	\$4.00	586.00	\$2,344.00	107.00	693.00	
666-2054	REFL PAV MRK TY I (W) (ARROW) (100 MIL)	EA	\$72.50	47.00	\$3,407.50	5.00	52.00	
672-2012	REFL PAV MRK TY I-C	EA	\$2.75	626.00	\$1,721.50	30.00	656.00	
680-2003	INSTALL HWY TRF SIG (SYSTEM)	EA	\$7,950.00	3.00	\$23,850.00	(1.00)	2.00	
680-2003-001	INSTALL HWY TRF SIG (SYSTEM) (REV)	EA	\$19,889.55	0.00	\$0.00	4.00	4.00	
682-2001	BACK PLATE (12 IN) (3 SEC)	EA	\$77.38	20.00	\$1,547.60	23.00	43.00	
682-2002	BACK PLATE (12 IN) (4 SEC)	EA	\$116.60	1.00	\$116.60	2.00	3.00	
682-2003	BACK PLATE (12 IN) (5 SEC)	EA	\$132.50	6.00	\$795.00	4.00	10.00	
682-2014	PED SIG SEC (12 IN) LED (2 INDICATIONS)	EA	\$477.00	12.00	\$5,724.00	8.00	20.00	
682-2021	VEH SIG SEC (12 IN) LED (HOUSING ONLY)	EA	\$212.00	94.00	\$19,928.00	51.00	145.00	
682-2022	VEH SIG SEC (12 IN) LED (GRN ARW)	EA	\$187.62	8.00	\$1,500.96	10.00	18.00	
682-2023	VEH SIG SEC (12 IN) LED (GRN)	EA	\$212.00	26.00	\$5,512.00	25.00	51.00	
682-2024	VEH SIG SEC (12 IN) LED (YEL ARW)	EA	\$209.88	7.00	\$1,469.16	7.00	14.00	
682-2025	VEH SIG SEC (12 IN) LED (YEL)	EA	\$245.92	26.00	\$6,393.92	25.00	51.00	
682-2027	VEH SIG SEC (12 IN) LED (RED)	EA	\$173.84	27.00	\$4,693.68	29.00	56.00	
684-2028	TRF SIG CBL (TY A) (14 AWG) (2 CONDR)	LF	\$1.38	1826.00	\$2,519.88	(1,486.00)	340.00	
684-2031	TRF SIG CBL (TY A) (14 AWG) (5 CONDR)	LF	\$2.12	3671.00	\$7,782.52	2,092.00	5,763.00	
684-2033	TRF SIG CBL (TY A) (14 AWG) (7 CONDR)	LF	\$2.80	940.00	\$2,632.00	1,293.00	2,233.00	
684-2049	TRF SIG CBL (TY A) (16 AWG) (3 CONDR)	LF	\$0.01	3604.00	\$36.04	2,696.00	6,300.00	
684-2080-001	TRF SIG CBL (TY C) (14 AWG) (2 CONDR)	LF	\$1.37	0.00	\$0.00	2,667.00	2,667.00	
The "Totals" from Table B of the previous work sheet:					\$2,544,960.35			
TOTALS					\$2,694,631.78		\$47,696.00	

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 15

Project # 09WC706

TABLE B: Contract Items (Continued)

[illegible]

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



CHANGE ORDER MEMORANDUM

TO: James D. Klotz, P. E. HNTB Corp.	Date: October 29, 2010
	Project: 09WC706
	Control: 2211-01-016
From: Clayton Weber, Construction Project Manager, PBS&J	Highway: Williams Drive
	County: Williamson
Re: Change Order No. 15 – Mast Arm Signals, Fiber Optic Interconnection, Roadway Improvements at the Intersection of DB Wood/Shell Road and Williams Drive	

Enclosed find Change Order No. 15 for the above referenced project. At the request of the City of Georgetown, this Change Order deletes the strain pole signals originally specified and adds mast arm signal assemblies, adds a fiber optic interconnection between the signals, and adds roadway improvements at the intersection of Williams Drive and DB Wood/Shell Road to the project. The cost of this Change Order will be reimbursed with 80% CAMPO funding and the remaining 20% funded by the City of Georgetown. The City of Georgetown has approved this Change Order in writing.

- The City of Georgetown requested that the strain pole signal system originally planned for the project be deleted and replaced with mast arm signal assemblies at the four major intersections within the project limits. This work includes the intersections of Del Webb Blvd, Woodlake, Wildwood, and DB Wood/Shell Road. The signals at Wildwood were not shown in the original plans and have been added to the mast arm design. Several of the original bid item quantities for the strain pole design were not installed, so the value of those items was credited back to the project. The contractor agreed to extend the quantities on any existing bid items for the change order work. The costs of new bid items were submitted by the contractor, compared to statewide bid averages and accepted by the City of Georgetown.
- The City of Georgetown requested that the antenna/radio signal communication system originally planned for the project be deleted and replaced with a fiber optic interconnection system. The fiber optic interconnection will connect the four intersections on the project to the rest of the Citywide signal communication system. The original bid items for the antenna and radio system were not installed and were credited back to the project as part of the change order. The City of Georgetown has reviewed and accepted the costs submitted by the contractor for this work.
- The City of Georgetown requested that improvements be made at the intersection of Williams Drive and DB Wood/Shell Road in order to match the City's improvements on DB Wood and Shell Road both north and south of Williams Drive. Some of the original bid item costs were extended for this portion of work, but on some items the contractor submitted new costs. The new costs were negotiated and agreed to by the City of Georgetown. The justification for the new bid prices was due to the small quantities and additional mobilization of crews onto the project for this added work.

Williams Drive, Project No. 09WC706
Change Order 15 Memo (continued)

This change order is considered a major change order (in excess of \$200,000) with reason code, 4B, Third Party requested work (by the City of Georgetown). This change order adds 65 days to the contract. The contractor has submitted a revised Project Schedule to justify the number of days added. If justified, after a detailed review of the schedule upon completion of the signal work, additional days will be added under a separate change order.

The cost of this additional work results in a net increase of \$676,011.22 to the contract amount, for an adjusted contract total of \$12,928,417.08. The original contract amount was \$11,464,068.41. As a result of all change orders to date, including this change order, \$1,464,348.67 has been added to the Contract, resulting in a 13% net increase in the contract cost. With this change order a total of 98 days have been added to the contract, for a total of 668 working days.