

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 1

1. CONTRACTOR: James Construction Group

2. Change Order Work Limits: Sta. 691+00 to Sta. 742+00

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

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

Project: 22IFB139
Roadway: US 79
CSJ
Number: 3486-01-008, etc.

5. Describe the work being revised:

3. County Convenience. 3L Revising safety work/measures desired by the County: This Change Order provides funds to compensate the contractor for installing safety improvements on US 79 until the permanent overpasses are built. By installing these traffic control measures the drivers traveling north bound on FM 3349 can no longer proceed straight or make a left turn at the US 79 intersection. The same will apply for traffic traveling south on CR 101. Drivers will need to make a right turn on US 79 followed by a U-turn at the immediate crossover.

6. Work to be performed in accordance with Items: See Attached

7. New or revised plan sheet(s) are attached and numbered: 7-70, 8-79, XS-01 - XS-25

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 4/10/23

By

Typed/Printed Name Kyle Oldham

Typed/Printed Title Project Manager

The following information must be provided

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

Amount added by this change order: \$925,354.41

RECOMMENDED FOR EXECUTION:



Project Manager

4/11/2023

Date

N/A

Design Engineer

Date



Program Manager

4/17/2023

Date

Design Engineer's Seal:

County Commissioner Precinct 1 Date

☐ APPROVED ☐ REQUEST APPROVAL

County Commissioner Precinct 2 Date

☐ APPROVED ☐ REQUEST APPROVAL



Apr 25, 2023

County Commissioner Precinct 3 Date

☐ APPROVED ☐ REQUEST APPROVAL

County Commissioner Precinct 4 Date

☐ APPROVED ☐ REQUEST APPROVAL

County Judge

Date

☐ APPROVED

JCG Letter # 10906-001

ASIF MIRZAZADA
HNTB CORPORATION
101 E. OLD SETTLERS BLVD. STE.225
ROUND ROCK, TX 78664

FM 3349 @ US 79
JCG Job # 10906
Control # 3486-01-008
RE: Change Order #001- Return Signed Letter

Mr. Mirzazada:

Please see attached signed Change Order #001 for the above referenced project.

Please review, sign and return executed copy.

James Construction Group does not waive any original contract conditions to submit costs or claims associated or arising from delayed or changed work. This includes occasions when it becomes necessary to perform extra work at HNTB's request. Upon execution of HNTB's change order form, the contractor reserves its right to submit or claim any extra costs, overhead, and delay time with associated costs arising from or pertaining to the change order regardless of the unilateral disclaimer clauses or "statement of agreement" on the attached Change Order. Please note that JCG will submit a request for Time Impact Analysis in accordance with TxDOT Specification 5.5.4.

Respectfully,

James Construction Group



Kyle Oldham
Project Manager

CC: Joey Williams; Brian Chaffe; Jason Schuetze; Hector Garcia; Oscar Bueno; Julissa Vasquez; Dalimar Rosario, Project File

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 1

Project # 22IFB139

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	
105 6008	REMOVING STAB BASE AND ASPH PAV (6")	SY	\$11.54	1,678.00	\$19,364.12	288.00	1,966.00	\$22,687.64	\$3,323.52
110 6001	EXCAVATION (ROADWAY)	CY	\$8.93	346,386.00	\$3,093,226.98	693.00	347,079.00	\$3,099,415.47	\$6,188.49
132 6047	EMBANKMENT (FINAL) (ORD COMP) (TY C1)	CY	\$34.12	179,772.00	\$6,133,820.64	330.00	180,102.00	\$6,145,080.24	\$11,259.60
160 6003	FURNISHING AND PLACING TOPSOIL (4")	SY	\$0.59	523,200.00	\$308,688.00	5,837.00	529,037.00	\$312,131.83	\$3,443.83
164 6035	DRILL SEEDING (PERM) (RURAL) (CLAY)	SY	\$0.35	523,200.00	\$183,120.00	5,837.00	529,037.00	\$185,162.95	\$2,042.95
164 6041	DRILL SEEDING (TEMP) (WARM)	SY	\$0.30	258,017.00	\$77,405.10	1,600.00	259,617.00	\$77,885.10	\$480.00
164 6043	DRILL SEEDING (TEMP) (COOL)	SY	\$0.30	258,017.00	\$77,405.10	1,600.00	259,617.00	\$77,885.10	\$480.00
168 6001	VEGETATIVE WATERING	MG	\$30.86	5,159.00	\$159,206.74	18.00	5,177.00	\$159,762.22	\$555.48
169 6001	SOIL RETENTION BLANKETS (CL 1) (TY A)	SY	\$1.85	316,460.00	\$585,451.00	5,837.00	322,297.00	\$596,249.45	\$10,798.45
247 6044	FL BS (CMP IN PLC)(TY A GR 4)(FNAL POS)	CY	\$45.78	57,139.00	\$2,615,823.42	640.00	57,779.00	\$2,645,122.62	\$29,299.20
260 6011	LIME TRT (EXST MATL) (12")	CY	\$0.10	175,831.00	\$17,583.10	1,964.00	177,795.00	\$17,779.50	\$196.40
260 6012	LIME(HYD,COM OR QK)(SLRY)OR QK(DRY)	TON	\$248.23	290.00	\$71,986.70	56.00	346.00	\$85,887.58	\$13,900.88
310 6001	PRIME COAT (MULTI OPTION)	GAL	\$5.00	29,601.00	\$148,005.00	472.00	30,073.00	\$150,365.00	\$2,360.00
464 6017	RC PIPE (CL IV)(18 IN)	LF	\$121.87	354.00	\$43,141.98	16.00	370.00	\$45,091.90	\$1,949.92
506 6001	ROCK FILTER DAMS (INSTALL) (TY 1)	LF	\$22.50	447.00	\$10,057.50	30.00	477.00	\$10,732.50	\$675.00
506 6002	ROCK FILTER DAMS (INSTALL) (TY 2)	LF	\$35.50	2,085.00	\$74,017.50	30.00	2,115.00	\$75,082.50	\$1,065.00
506 6038	TEMP SEDMT CONT FENCE (INSTALL)	LF	\$3.50	2,485.00	\$8,697.50	360.00	2,845.00	\$9,957.50	\$1,260.00
506 6039	TEMP SEDMT CONT FENCE (REMOVE)	LF	\$0.50	2,485.00	\$1,242.50	360.00	2,845.00	\$1,422.50	\$180.00
512 6029	PORT CTB (MOVE)(F-SHAPE)(TY 1)	LF	\$4.28	1,830.00	\$7,832.40	5,635.00	7,465.00	\$31,950.20	\$24,117.80
545 6003	CRASH CUSH ATTEN (MOVE & RESET)	EA	\$2,000.00	2.00	\$4,000.00	4.00	6.00	\$12,000.00	\$8,000.00
TOTALS					\$4,381,831.14			\$4,450,518.25	\$121,576.52

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 1

Project # 22IFB139

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
644 6004	IN SM RD SN SUP&AM TY10BWG(1)SA(T)	EA	\$585.00	81.00	\$47,385.00	3.00	84.00	\$49,140.00	\$1,755.00
644 6028	IN SM RD SN SUP&AM TYS80(1)SA(P-BM)	EA	\$775.00	4.00	\$3,100.00	2.00	6.00	\$4,650.00	\$1,550.00
644 6030	IN SM RD SN SUP&AM TYS80(1)SA(T)	EA	\$1,000.00	1.00	\$1,000.00	24.00	25.00	\$25,000.00	\$24,000.00
644 6076	REMOVE SM RD SN SUP&AM	EA	\$50.00	47.00	\$2,350.00	21.00	68.00	\$3,400.00	\$1,050.00
658 6083	INSTL DEL ASSM (D-SW)SZ 1(WFLX)SRF	EA	\$75.00	157.00	\$11,775.00	28.00	185.00	\$13,875.00	\$2,100.00
666 6006	REFL PAV MRK TY I (W) 4 " (DOT) (1 OOMIL)	LF	\$1.50	18.00	\$27.00	708.00	726.00	\$1,089.00	\$1,062.00
666 6048	REFL PAV MRK TY I (W)24" (SLD)(100MIL)	LF	\$12.00	312.00	\$3,744.00	253.00	565.00	\$6,780.00	\$3,036.00
666 6054	REFL PAV MRK TY I (W)(ARROW)(100MIL)	EA	\$135.00	38.00	\$5,130.00	17.00	55.00	\$7,425.00	\$2,295.00
666 6063	REFL PAV MRK TY I(W)(UTURN ARW)(100MIL)	EA	\$675.00	2.00	\$1,150.00	9.00	11.00	\$6,325.00	\$5,175.00
666 6078	REFL PAV MRK TY I (W)(WORD)(100MIL)	EA	\$155.00	36.00	\$5,580.00	23.00	59.00	\$9,145.00	\$3,565.00
666 6102	REF PAV MRK TY I(W)36"(YLD TRI)(100MIL)	EA	\$30.00	49.00	\$1,470.00	48.00	97.00	\$2,910.00	\$1,440.00
666 6141	REFL PAV MRK TY I (Y)12"(SLD)(100MIL)	LF	\$7.50	379.00	\$2,842.50	285.00	664.00	\$4,980.00	\$2,137.50
666 6176	REFL PAV MRK TY II (W) 8" (DOT)	LF	\$2.00	213.00	\$426.00	78.00	291.00	\$582.00	\$156.00
666 6178	REFL PAV MRK TY II (W) 8" (SLD)	LF	\$1.50	784.00	\$1,176.00	1,265.00	2,049.00	\$3,073.50	\$1,897.50
666 6300	RE PM W/RET REQ TY I (W)4"(BRK)(100MIL)	LF	\$0.41	5,642.00	\$2,313.22	886.00	6,528.00	\$2,676.48	\$363.26
666 6345	REF PROF PAV MRK TY I(Y)4"(SLD)(100MIL)	LF	\$0.77	37,158.00	\$28,611.66	680.00	37,838.00	\$29,135.26	\$523.60
672 6009	REFL PAV MRKR TY II-A-A	EA	\$3.00	385.00	\$1,155.00	66.00	451.00	\$1,353.00	\$198.00
672 6010	REFL PAV MRKR TY II-C-R	EA	\$3.25	882.00	\$2,866.50	45.00	927.00	\$3,012.75	\$146.25
677 6001	ELIM EXT PAV MRK & MRKS (4")	LF	\$0.42	25,090.00	\$10,537.80	1,507.00	26,597.00	\$11,170.74	\$632.94
677 6003	ELIM EXT PAV MRK & MRKS (8")	LF	\$1.00	2,480.00	\$2,480.00	283.00	2,763.00	\$2,763.00	\$283.00
677 6008	ELIM EXT PAV MRK & MRKS (ARROW)	EA	\$50.00	9.00	\$450.00	19.00	28.00	\$1,400.00	\$950.00
677 6012	ELIM EXT PAV MRK & MRKS (WORD)	EA	\$60.00	9.00	\$540.00	20.00	29.00	\$1,740.00	\$1,200.00
3076 6001	D-GR HMA TY-B PG64-22	TON	\$102.00	27,039.00	\$2,757,978.00	508.00	27,547.00	\$2,809,794.00	\$51,816.00
3076 6048	D-GR HMA TY-D PG76-22	TON	\$122.00	12,550.00	\$1,531,100.00	184.90	12,734.90	\$1,553,657.80	\$22,557.80
3081 6008	TOM-C PG76-22 SAC-B	TON	\$167.00	8,499.00	\$1,419,333.00	99.20	8,598.20	\$1,435,899.40	\$16,566.40
3084 6001	BONDING COURSE	GAL	\$4.35	23,234.00	\$101,067.90	389.00	23,623.00	\$102,760.05	\$1,692.15
The "Totals" from Table B of the previous work sheet:					\$4,381,831.14			\$4,450,518.25	\$121,576.52
TOTALS					\$10,327,419.72			\$10,544,255.23	\$269,724.92

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 1

Project # 22IFB139

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
105 6077	REMOV ING STAB BASE & ASPH PAV (8")	SY	\$27.83	0.00	\$0.00	157.00	157.00	\$4,369.31	\$4,369.31
432 6001.1	RIPRAP (CONC) (4IN) & REMOVAL	CY	\$911.32	0.00	\$0.00	18.00	18.00	\$16,403.76	\$16,403.76
502 6000.1	ADDITIONAL TRAFFIC CONTROL	LS	\$54,345.68	0.00	\$0.00	1.00	1.00	\$54,345.68	\$54,345.68
529 6025.1	CONC CURB (TYIII) & REMOVAL	LF	\$26.40	0.00	\$0.00	294.00	294.00	\$7,761.60	\$7,761.60
644 6027	IN SM RD SN SUP&AM TYS80(1)SA(P)	EA	\$1,026.03	0.00	\$0.00	49.00	49.00	\$50,275.47	\$50,275.47
644 6040	IN SM RD SN SUP&AM TYS80(1)SB(P-BM)	EA	\$1,165.32	0.00	\$0.00	4.00	4.00	\$4,661.28	\$4,661.28
644 6042	IN SM RD SN SUP&AM TYS80(1)SB(T)	EA	\$1,165.32	0.00	\$0.00	4.00	4.00	\$4,661.28	\$4,661.28
658 6060	REMOVE DELIN & OBJECT MARKER ASSMS	EA	\$21.72	0.00	\$0.00	28.00	28.00	\$608.16	\$608.16
658 6084	INSTL DEL ASSM D-SW) SZ 1 (WFLX) SRF 7BI)	EA	\$140.40	0.00	\$0.00	52.00	52.00	\$7,300.80	\$7,300.80
658 6094	INSTL DEL ASSM (D-DW) SZ 1 (WFLX) SRF	EA	\$96.49	0.00	\$0.00	20.00	20.00	\$1,929.80	\$1,929.80
666 6012	REFL PAV MRK TY I (W) 4" (SLD) (100MIL)	LF	\$2.38	0.00	\$0.00	5,587.00	5,587.00	\$13,297.06	\$13,297.06
666 6072	REFL PAV MRK TY I (LNDP ARW) (100 MIL)	EA	\$447.11	0.00	\$0.00	2.00	2.00	\$894.22	\$894.22
666 6126	REFL PAV MRK TY I (Y) 4" (SLD) (100MIL)	LF	\$0.59	0.00	\$0.00	4,106.00	4,106.00	\$2,422.54	\$2,422.54
666 6224	PAVEMENT SEALER 4"	LF	\$0.64	0.00	\$0.00	11,287.00	11,287.00	\$7,223.68	\$7,223.68
666 6230	PAVEMENT SEALER 24"	LF	\$3.09	0.00	\$0.00	253.00	253.00	\$781.77	\$781.77
666 6231	PAVEMENT SEALER (ARROW)	EA	\$67.65	0.00	\$0.00	17.00	17.00	\$1,150.05	\$1,150.05
666 6232	PAVEMENT SEALER (WORD)	EA	\$73.87	0.00	\$0.00	20.00	20.00	\$1,477.40	\$1,477.40
666 6236	PAVEMENT SEALER (UTURN ARROW)	EA	\$191.83	0.00	\$0.00	6.00	6.00	\$1,150.98	\$1,150.98
666 6237	PAVEMENT SEALER (LNDP ARROW)	EA	\$86.11	0.00	\$0.00	2.00	2.00	\$172.22	\$172.22
666 6243	PAVEMENT SEALER (YLD TRR)	EA	\$38.96	0.00	\$0.00	14.00	14.00	\$545.44	\$545.44
677 6005	ELIM EXT PAV MRK & MRKS (12")	LF	\$2.62	0.00	\$0.00	399.00	399.00	\$1,045.38	\$1,045.38
677 6007	ELIM EXT PAV MRK & MRKS (24")	LF	\$5.31	0.00	\$0.00	168.00	168.00	\$892.08	\$892.08
677 6019	ELIM EXT PAV MRK & MRKS (36") (YLD TRI)	EA	\$32.79	0.00	\$0.00	34.00	34.00	\$1,114.86	\$1,114.86
677 6036	ELIM EXT PAV MRK & MRKS (UTURN ARROW)	EA	\$74.44	0.00	\$0.00	3.00	3.00	\$223.32	\$223.32
680 6003.1	ADDED TRAFFIC SIGNALS (DEDUCTED FLASHING BEACON ITEMS)	LS	\$370,293.95	0.00	\$0.00	1.00	1.00	\$370,293.95	\$370,293.95
680 6003.2	5% SUBCONTRACTOR MARK UP	LS	\$17,997.38	0.00	\$0.00	1.00	1.00	\$17,997.38	\$17,997.38
3076 6003.1	D GR HMA TY B PG64-22 (TURN AROUND WIDENINGS-SMALL QTY)	TON	\$252.57	0.00	\$0.00	255.00	255.00	\$64,405.35	\$64,405.35
3076 6048.1	D GR HMA TYD PG76-22 (TURN AROUND WIDENINGS-SMALL QTY)	TON	\$272.01	0.00	\$0.00	67.00	67.00	\$18,224.67	\$18,224.67
The "Totals" from Table B of the previous work sheet:					\$4,381,831.14			\$4,450,518.25	\$269,724.92
TOTALS					\$4,381,831.14			\$5,085,374.67	\$925,354.41

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

FM3349 at US 79 Williamson County Project No. 22IFB139

Change Order No. 1

Reason for Change

This Change Orders provides funds to compensate the contractor for installing safety improvements on US 79 until the permanent overpasses are built. By installing these traffic control measures the drivers traveling north bound on FM 3349 can no longer proceed straight or make a left turn at the US 79 intersection. The same will apply for traffic traveling south on CR 101. Drivers will need to make a right turn on US 79 followed by a U-turn at the immediate crossover.

Following is a summary of new items required for this Change Order.

ITEM	DESCRIPTION	QTY	UNIT
105 6077	REMOV ING STAB BASE & ASPH PAV (8")	157	SY
432 6001.1	RIPRAP (CONC) (4IN) & REMOVAL	18	CY
502 6001	ADDITIONAL TRAFFIC CONTROL	1	LS
529 6025.1	CONC CURB (TYIII) & REMOVAL	294	LF
644 6027	IN SM RD SN SUP&AM TYS80(1)SA(P)	49	EA
644 6040	IN SM RD SN SUP&AM TYS80(1)SB(P-BM)	4	EA
644 6042	IN SM RD SN SUP&AM TYS80(1)SB(T)	4	EA
658 6060	REMOVE DELIN & OBJECT MARKER ASSMS	28	EA
658 6084	INSTL DEL ASSM D-SW) SZ 1 (WFLX) SRF 7BI)	52	EA
658 6094	INSTL DEL ASSM (D-DW) SZ 1 (WFLX) SRF	20	EA
666 6012	REFL PAV MRK TY I (W) 4" (SLD) (100MIL)	5,587	LF
666 6072	REFL PAV MRK TY I (LNDP ARW) (100 MIL)	2.00	EA
666 6126	REFL PAV MRK TY I (Y) 4" (SLD) (100MIL)	4,106	LF
666 6224	PAVEMENT SEALER 4"	11,287	LF
666 6230	PAVEMENT SEALER 24"	253	LF
666 6231	PAVEMENT SEALER (ARROW)	17	EA
666 6232	PAVEMENT SEALER (WORD)	20	EA
666 6236	PAVEMENT SEALER (UTURN ARROW)	6	EA
666 6237	PAVEMENT SEALER (LNDP ARROW)	2	EA

666 6243	PAVEMENT SEALER (YLD TRR)	14	EA
677 6005	ELIM EXT PAV MRK & MRKS (12")	399	LF
677 6007	ELIM EXT PAV MRK & MRKS (24")	168	LF
677 6019	ELIM EXT PAV MRK & MRKS (36") (YLD TRI)	34	EA
677 6036	ELIM EXT PAV MRK & MRKS (UTURN ARROW)	3	EA
680 6003.1	ADDED TRAFFIC SIGNALS (DEDUCTED FLASHING BEACON ITEMS)	1	LS
680 6003.2	5% SUBCONTRACTOR MARK UP	1	LS
3076 6003.1	D GR HMA TY B PG64-22 (TURN AROUND WIDENINGS-SMALL QTY)	255	TON
3076 6048.1	D GR HMA TYD PG76-22 (TURN AROUND WIDENINGS-SMALL QTY)	67	TON

This Change Order results in a net increase of \$925,354.41 to the Contract amount, for an adjusted Contract total of \$82,866,392.54. The original Contract amount was \$81,941,038.13. As a result of this and all Change Orders to-date, \$925,354.41 has been added to the Contract, resulting in an 1.13% 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

Oscar Salazar-Bueno, P.E.

**FM 3349 AT US 79
CHANGE ORDER 01**

Legend:

Combined Traffic Signal Items - Deducted Flashing Beacon

Used Original Bid Price

,m	QTY	UM	Crew	DESCRIPTION	UNIT PRICE	TOTAL
TCP ITEMS						
512 6029	5,635.00	LF	JCG	PORT CTB (MOVE)(F-SHAPE)(TY 1)	\$ 4.28	\$ 24,117.80
502 6001	1	LS	JCG	ADDITIONAL TRAFFIC CONTROL- CHANGE ORDER #1	\$ 54,345.68	\$ 54,345.68
545 6003	4	EA	SUB	CRASH CUSH ATT (MOVE & RESET)	\$ 2,000.00	\$ 8,000.00
EROSION CONTROL ITEMS						
160 6003	5,837.00	SY	JCG	FURNISHING AND PLACING TOPSOIL (4")	\$ 0.59	\$ 3,443.83
164 6035	5,837.00	SY	SUB	DRILL SEEDING (PERM) (RURAL) (CLAY)	\$ 0.35	\$ 2,042.95
164 6041	1,600.00	SY	SUB	DRILL SEEDING (TEMP) (WARM)	\$ 0.30	\$ 480.00
164 6043	1,600.00	SY	SUB	DRILL SEEDING (TEMP) (COOL)	\$ 0.30	\$ 480.00
168 6001	18	MG	JCG	VEGETATIVE WATERING	\$ 30.86	\$ 555.48
169 6001	5,837.00	SY	SUB	SOIL RETENTION BLANKETS (CL 1) (TY A)	\$ 1.85	\$ 10,798.45
506 6001	30	LF	SUB	ROCK FILTER DAMS (INSTALL) (TY 1)	\$ 22.50	\$ 675.00
506 6002	30	LF	SUB	ROCK FILTER DAMS (INSTALL) (TY 2)	\$ 35.50	\$ 1,065.00
506 6038	360	LF	SUB	TEMP SEDMT CONT FENCE (INSTALL)	\$ 3.50	\$ 1,260.00
506 6039	360	LF	SUB	TEMP SEDMT CONT FENCE (REMOVE)	\$ 0.50	\$ 180.00
ROADWAY ITEMS						
105 6008	288	SY	JCG	REMOVING STAB BASE AND ASPH PAV (6")	\$ 11.54	\$ 3,323.52
105 6077	157	SY	JCG	REMOVING STAB BASE & ASPH PAV (8")	\$ 27.83	\$ 4,369.31
110 6001	693	CY	JCG	EXCAVATION (ROADWAY)	\$ 8.93	\$ 6,188.49
132 6047	330	CY	JCG	EMBANKMENT (FINAL) (ORD COMP) (TY C1)	\$ 34.12	\$ 11,259.60
247 6044	640	CY	JCG	FLBS (CMP IN PLC) (TY A GR 4) (FNAL POS)	\$ 45.78	\$ 29,299.20
260 6011	1,964.00	SY	JCG	LIME TRT (EXST MATL) (12")	\$ 0.10	\$ 196.40
260 6012	56	TON	JCG	LIME (HYD, COM OR OK) (SLURRY)	\$ 248.23	\$ 13,900.88
432 6001	18	CY	JCG	RIPRAP (CONC) (4IN) & REMOVAL	\$ 911.32	\$ 16,403.76
529 6025	294	LF	JCG	CONC CURB (TY 111) & REMOVAL	\$ 26.40	\$ 7,761.60
310 6001	472	GAL	SUB	PRIME COAT (MULTI OPTION)	\$ 5.00	\$ 2,360.00
3076 6001	508	TON	SUB	D—GR HMA TY—B PG64—22	\$ 102.00	\$ 51,816.00
3076 6048	184.9	TON	SUB	D—GR HMA TY—D PG76—22	\$ 122.00	\$ 22,557.80
3081 6008	99.2	TON	SUB	TOM—C PG 76—22 SAC—B	\$ 167.00	\$ 16,566.40
3084 6001	389	GAL	SUB	BONDING COURSE	\$ 4.35	\$ 1,692.15
NEW- 3076 6003	255	TON	SUB	D—GR HMA TY—B PG64—22 (TURN AROUND WIDENINGS)	\$ 252.57	\$ 64,405.35
NEW-3076 6048	67	TON	SUB	D—GR HMA TY—D PG76—22 (TURN AROUND WIDENINGS)	\$ 272.01	\$ 18,224.67
SIGNALIZATION ITEMS						
	1	LS		ADDED TRAFFIC SIGNALS (DEDUCTED FLASHING BEACON ITEMS)	\$ 370,293.95	\$ 370,293.95
DRAINAGE ITEMS						
464 6017	16.00	LF	JCG	RC PIPE (CL IV) (18IN)	\$ 121.87	\$ 1,949.92
SIGNING ITEMS						
644 6004	3.00	EA	SUB	IN SM RD SN SUP&AM TY10BWG(1)SA(T)	\$ 585.00	\$ 1,755.00
644 6027	49.00	EA	SUB	IN SM RD SN SUP&AM TYS80(1)SA(P)	\$ 1,026.03	\$ 50,275.47
644 6028	2.00	EA	SUB	IN SM RD SN SUP&AM TYS80(1)SA(P-BM)	\$ 775.00	\$ 1,550.00
644 6030	24.00	EA	SUB	IN SM RD SN SUP&AM TYS80(1)SA(T)	\$ 1,000.00	\$ 24,000.00
644 6040	4.00	EA	SUB	7 N SM RD SN SUP&AM TYS80 (1) SB (P—BM)	\$ 1,165.32	\$ 4,661.28
644 6042	4.00	EA	SUB	7 N SM RD SN SUP&AM TYS80 (1) SB (T)	\$ 1,165.32	\$ 4,661.28
644 6076	21.00	EA	SUB	REMOVE SM RD SN SUP&AM	\$ 50.00	\$ 1,050.00
PAVEMENT MARKING & D&O ITEMSPAVEMENT MARKING						
658 6060	28.00	EA	SUB	REMOVE DELIN & OBJECT MARKER ASSMS	\$ 21.72	\$ 608.16
658 6083	28.00	EA	SUB	INSTL DEL ASSM (D-SW) SZ1 (WFLX) SRF	\$ 75.00	\$ 2,100.00
658 6084	52.00	EA	SUB	INSTL DEL ASSM (D-SW) SZ 1 (WFLX) SRF 7BI)	\$ 140.40	\$ 7,300.80
658 6094	20.00	EA	SUB	INSTL DEL ASSM (D—DW) SZ 1 (WFLX) SRF	\$ 96.49	\$ 1,929.80
666 6006	708.00	LF	SUB	REFL PAV MRK TY I (W) 4" (DOT) (1 OOMIL)	\$ 1.50	\$ 1,062.00
666 6012	5,587.00	LF	SUB	REFL PAV MRK TY I (W) 4" (SLD) (1 OOMIL)	\$ 2.38	\$ 13,297.06
666 6048	253.00	LF	SUB	REFL PAV MRK TY I (W)24" (SLD)(100MIL)	\$ 12.00	\$ 3,036.00
666 6054	17	EA	SUB	REFL PAV MRK TY I (W)(ARROW)(100MIL)	\$ 135.00	\$ 2,295.00
666 6063	9	EA	SUB	REFL PAV MRK TY I(W)(UTURN ARW)(100MIL)	\$ 575.00	\$ 5,175.00
666 6072	2	EA	SUB	REFL PAV MRK TY I (LNDP ARW) (1 OOMIL)	\$ 447.11	\$ 894.22
666 6078	23	EA	SUB	REFL PAV MRK TY I (W) (WORD) (1 OOMIL)	\$ 155.00	\$ 3,565.00
666 6102	48	EA	SUB	REF PAV MRK TY I(W)36" (YLD TRI) (100MIL)	\$ 30.00	\$ 1,440.00
666 6126	4,106.00	LF	SUB	REFL PAV MRK TY I (Y) 4" (PLO) 11 OOMIL)	\$ 0.59	\$ 2,422.54
666 6141	285	LF	SUB	REFL PAV MRK TY I (Y)12" (SLD)(100MIL)	\$ 7.50	\$ 2,137.50
666 6176	78	LF	SUB	REFL PAV MRK TY II (W) 8" (DOT)	\$ 2.00	\$ 156.00
666 6178	1,265.00	LF	SUB	REFL PAV MRK TY II (W) 8" (SLD)	\$ 1.50	\$ 1,897.50
666 6224	11,287.00	LF	SUB	PAVEMENT SEALER 4"	\$ 0.64	\$ 7,223.68
666 6230	253	LF	SUB	PAVEMENT SEALER 24"	\$ 3.09	\$ 781.77
666 6231	17	EA	SUB	PAVEMENT SEALER (ARROW)	\$ 67.65	\$ 1,150.05
666 6232	20	EA	SUB	PAVEMENT SEALER (WORD)	\$ 73.87	\$ 1,477.40

666 6236	6	EA	SUB	PAVEMENT SEALER (UTURN ARROW)	\$ 191.83	\$ 1,150.98
666 6237	2	EA	SUB	PAVEMENT SEALER (LNDP ARROW)	\$ 86.11	\$ 172.22
666 6243	14	EA	SUB	PAVEMENT SEALER (YLD TRR)	\$ 38.96	\$ 545.44
666 6345	680	LF	SUB	REF PROF PAV MRK TY I(Y)4"(SLD) (100MIL)	\$ 0.77	\$ 523.60
666 6300	886	LF	SUB	RE PM W/RET REO TY I (W)4" (BRK)(100MIL)	\$ 0.41	\$ 363.26
672 6009	66	EA	SUB	REFL PAV MRKR TY II-A-A	\$ 3.00	\$ 198.00
672 6010	45	EA	SUB	REFL PAV MRKR TY II-C-R	\$ 3.25	\$ 146.25
677 6001	1,507.00	LF	SUB	ELIM EXT PAV MRK & MRKS (4")	\$ 0.42	\$ 632.94
677 6003	283	LF	SUB	ELIM EXT PAV MRK & MRKS (8")	\$ 1.00	\$ 283.00
677 6005	399	LF	SUB	ELIM EXT PAV MRK & MRKS (12")	\$ 2.62	\$ 1,045.38
677 6007	168	LF	SUB	ELIM EXT PAV MRK & MRKS 124")	\$ 5.31	\$ 892.08
677 6008	19	EA	SUB	ELIM EXT PAV MRK & MRKS (ARROW)	\$ 50.00	\$ 950.00
677 6012	20	EA	SUB	ELIM EXT PAV MRK & MRKS (WORD)	\$ 60.00	\$ 1,200.00
677 6019	34	EA	SUB	ELIM EXT PAV MRK & MRKS (36") (YLD TRI)	\$ 32.79	\$ 1,114.86
677 6036	3	EA	SUB	ELIM EXT PAV MRK & MRKS (UTURN ARROW)	\$ 74.44	\$ 223.32
					SUB TOTAL	\$ 907,357.03
					5% SUBCONTRACTOR MARK UP	\$ 17,997.38
					TOTAL	\$ 925,354.41

ITEMIZED TRAFFIC SIGNAL QUANTITIES

Legend

Flashing Beacon Items

NUM	ITEM	DESCRIPTION	UNIT	ATS CO BID QUANTITY	CO QUANTITY	ATS CO UNIT PRICE	ORIG CONTACT UNIT PRICE	ATS TOTAL CO COST	QTY'S FROM REVOLVING FLASHING BEACON	CO #01 Revised QTY	Revised Cost	Flashing Beacon Credit	% INCREASE	COMMENT
		SIGNALIZATION ITEMS												
1	416 6032	DRILL SHAFT (TRF SIG POLE) (36 IN)					\$ 350.00		-52	-52.00	\$ (18,200.00)	\$ (18,200.00)		
2	618 6023	CONDIT (PVC) (SCH 40) (2")	LF	250	250.00	\$ 25.00	\$ 11.00	\$ 6250.00	-90.00	160.00	\$ 4,000.00	\$ (990.00)	127%	
3	618 6029	CONDIT (PVC) (75CH 40) (3")	LF	180	180.00	\$ 27.00	\$ 15.00	\$ 4860.00		180.00	\$ 4,860.00	\$ -	80%	These are bid items that aren't in original bid
4	618 6070	CONDIT (RM) (2")	LF	80	80.00	\$ 60.00	\$ 15.00	\$ 4800.00		80.00	\$ 4,800.00	\$ -	300%	These are bid items that aren't in original bid
5	618 6074	CONDIT (RM) (3")	LF	140	140.00	\$ 65.00	\$ 18.00	\$ 9100.00		140.00	\$ 9,100.00	\$ -	261%	These are bid items that aren't in original bid
6	620 6007	ELEC CONDR (NO.8) BARE	LF				\$ 1.75		-45.00	-45.00	\$ (78.75)	\$ (78.75)		
7	620 6008	ELEC CONDR (NO.8) I INSULATED	LF	3,240.00	3,240.00	\$ 2.00	\$ 2.25	\$ 6480.00	-1892.00	1348.00	\$ 2,696.00	\$ (4,257.00)		
8	620 6009	ELEC CONDR (NO.6) BARE	LF				\$ 2.50		-50.00	-50.00	\$ (125.00)	\$ (125.00)		
9	620 6010	ELEC CONDR (NO.6) INSULATED	LF				\$ 2.50		-120.00	-120.00	\$ (300.00)	\$ (300.00)		
10	620 6011	ELEC CONDR (NO.4) BARE	LF	430	430.00	\$ 7.00	\$ 2.50	\$ 3010.00		430.00	\$ 3,010.00	\$ -	180%	These are bid items that aren't in original bid
11	620 6012	ELEC CONDR (NO.4) I INSULATED	LF	210	210.00	\$ 8.00	\$ 3.00	\$ 1680.00		210.00	\$ 1,680.00	\$ -	167%	These are bid items that aren't in original bid
12	624 6002	GROUND BOX TY A (1223 7 1) W/ APRON	EA	1	1.00	\$ 1300.00	\$ 1100.00	\$ 1300.00		1.00	\$ 1,300.00	\$ -	18%	
13	624 6010	GROUND BOX TY D (162922) W/APRON	EA	3	3.00	\$ 2100.00	\$ 1600.00	\$ 6300.00	-1.00	2.00	\$ 4,200.00	\$ (1,600.00)	31%	
14	625 6001	27 NC- COAT STL WIRE STRAND (71/4")	LF	540	540.00	\$ 3.00	\$ 4.00	\$ 1620.00		540.00	\$ 1,620.00	\$ -		These are bid items that aren't in original bid
15	625 6002	ZINC-COAT STL WIRE STRAND (3/16")	LF				\$ 2.50		-301.00	-301.00	\$ (752.50)	\$ (752.50)		
16	625 6003	ZINC COAT STL WIRE STRAND (3/8")	LF	2,658.00	2,658.00	\$ 4.00	\$ 6.00	\$ 10632.00		2,658.00	\$ 10,632.00	\$ (827.75)		
17	625 6004	ZINC COAT STL WIRE STRAND (5/16")	LF				\$ 2.75		-301.00	-301.00	\$ (827.75)	\$ (827.75)		
18	628 6165	ELC SRV TY D 120/240 070(N)S(LE)P(0)	EA	1.00	1.00	\$ 6400.00	\$ 4500.00	\$ 6400.00	-1.00	0.00	\$ -	\$ (4,500.00)	42%	
19	628 6167	ELC SRU TY D 120/240 0NO(N)S(LE)TP(0)	EA	1.00	1.00	\$ 5200.00	\$ 4500.00	\$ 5200.00		1.00	\$ 5,200.00	\$ -	16%	These are bid items that aren't in original bid
20	680 6001	INSTALL HWY TRF SIG (FLASH BEACON)	ea				\$ 3900.00		-1.00	-1.00	\$ (3,900.00)	\$ (3,900.00)		
21	680 6003	INSTALL HWY TRF SIG (SYSTEM)	EA	2.00	2.00	\$ 7500.00	\$ 8000.00	\$ 15000.00		2.00	\$ 15,000.00	\$ -		These are bid items that aren't in original bid
22	SUB1	CONTROLLER FULL-ACTUATED W/CABINET	EA	2.00	2.00	\$ 31000.00	\$ 62000.00	\$ 62000.00		2.00	\$ 62,000.00	\$ -		These are subsidiary traffic signal items
23	SUB2	TRAFFIC SIGNAL CONTROLLER FOUNDATION	EA	2.00	2.00	\$ 4100.00	\$ 8200.00	\$ 8200.00		2.00	\$ 8,200.00	\$ -		These are subsidiary traffic signal items
24	SUB3	GROUND ROD	EA	17.00	17.00	\$ 225.00	\$ 3825.00	\$ 3825.00		17.00	\$ 3,825.00	\$ -		These are subsidiary traffic signal items
25	SUB4	DETECTOR CAPO RACK	EA	2.00	2.00	\$ 250.00	\$ 500.00	\$ 500.00		2.00	\$ 500.00	\$ -		These are subsidiary traffic signal items
26	SUB5	DETECTOR UN IT (DUAL CHANNEL)	EA	24.00	24.00	\$ 350.00	\$ 8400.00	\$ 8400.00		24.00	\$ 8,400.00	\$ -		These are subsidiary traffic signal items
27	SUB6	LED ROADWAY LUMI NA I RE (120/240 EQ)	EA	4.00	4.00	\$ 2100.00	\$ 8400.00	\$ 8400.00		4.00	\$ 8,400.00	\$ -		These are subsidiary traffic signal items
28	SUB7	D3-1 G S NGN "US 79" (48"x18")	EA	4.00	4.00	\$ 457.00	\$ 1828.00	\$ 1828.00		4.00	\$ 1,828.00	\$ -		These are subsidiary traffic signal items
29	SUB8	R3-8UT "U -TURN ONLY" (30"x36")	EA	3.00	3.00	\$ 503.00	\$ 1509.00	\$ 1509.00		3.00	\$ 1,509.00	\$ -		These are subsidiary traffic signal items
30	SUB9	R3-8LR "LANE ASSIGNMENT SIGN" (36"x30")	EA	1.00	1.00	\$ 503.00	\$ 503.00	\$ 503.00		1.00	\$ 503.00	\$ -		These are subsidiary traffic signal items
31	SUB9	MANAGED HARDENED ETHERNET SWITCH	EA	1.00	1.00	\$ 3250.00	\$ 3250.00	\$ 3250.00		1.00	\$ 3,250.00	\$ -		These are subsidiary traffic signal items
32	SUB10	R10-10L "LEFT TURN SIGNAL" (30"x36")	EA	1.00	1.00	\$ 603.00	\$ 603.00	\$ 603.00		1.00	\$ 603.00	\$ -		These are subsidiary traffic signal items
33	SUB10	POWER SUPPLY (FOR ETHERNET)	EA	1.00	1.00	\$ 875.00	\$ 875.00	\$ 875.00		1.00	\$ 875.00	\$ -		These are subsidiary traffic signal items
34	SUB11	MANAGED HARDENED ETHERNET SWITCH	EA	1.00	1.00	\$ 3250.00	\$ 3250.00	\$ 3250.00		1.00	\$ 3,250.00	\$ -		These are subsidiary traffic signal items
35	SUB11	900 MHZ SPREAD SPECTRUM RADIO WITH YAGIA NTENNA AND CABLES (LOCAL COMM) COMPLETE	EA	1.00	1.00	\$ 1200.00	\$ 1200.00	\$ 1200.00		1.00	\$ 1,200.00	\$ -		These are subsidiary traffic signal items
36	SUB12	POWER SUPPLY (FOR ETHERNET)	EA	1.00	1.00	\$ 875.00	\$ 875.00	\$ 875.00		1.00	\$ 875.00	\$ -		These are subsidiary traffic signal items
37	SUB12	GPS CLOCK	EA	1.00	1.00	\$ 1700.00	\$ 1700.00	\$ 1700.00		1.00	\$ 1,700.00	\$ -		
38	SUB13	900 MHZ SPREAD SPECTRUM RADIO WITH YAGIA NTENNA AND CABLES (LOCAL COMM) COMPLETE	EA	1.00	1.00	\$ 1200.00	\$ 1200.00	\$ 1200.00		1.00	\$ 1,200.00	\$ -		These are subsidiary traffic signal items
39	SUB13	ITS COMM CABLE 7 YAG I	LF	75.00	75.00	\$ 5.00	\$ 375.00	\$ 375.00		75.00	\$ 375.00	\$ -		These are subsidiary traffic signal items
40	SUB14	GPS CLOCK	EA	1.00	1.00	\$ 1700.00	\$ 1700.00	\$ 1700.00		1.00	\$ 1,700.00	\$ -		These are subsidiary traffic signal items
41	SUB15	ITS COMM CABLE (YAG I)	LF	105.00	105.00	\$ 5.00	\$ 525.00	\$ 525.00		105.00	\$ 525.00	\$ -		These are subsidiary traffic signal items
42	682 6001	VEH SIG SEC 112") LED (GRN)	EA	13.00	13.00	\$ 465.00	\$ 350.00	\$ 6045.00		13.00	\$ 6,045.00	\$ -	33%	These are bid items that aren't in original bid
43	682 6002	VEH SIG SEC 71 2") LED GRN ARW)	EA	7.00	7.00	\$ 465.00	\$ 350.00	\$ 3255.00		7.00	\$ 3,255.00	\$ -	33%	These are bid items that aren't in original bid
44	682 6003	VEH SIG SEC 12") LED (YEL)	EA	13.00	13.00	\$ 465.00	\$ 350.00	\$ 6045.00	-12.00	1.00	\$ 465.00	\$ (4,200.00)	33%	
45	682 6004	VEH SIG SEC 12") LED (YEL ARW)	EA	7.00	7.00	\$ 465.00	\$ 350.00	\$ 3255.00		7.00	\$ 3,255.00	\$ -	33%	These are bid items that aren't in original bid
46	682 6005	VEH SIG SEC 12") LED (RED)	EA	13.00	13.00	\$ 465.00	\$ 350.00	\$ 6045.00	-4.00	9.00	\$ 4,185.00	\$ (1,400.00)	33%	
47	682 6006	VEH SIG SEC 17 2") LED (RED ARW)	EA	7.00	7.00	\$ 465.00	\$ 350.00	\$ 3255.00		7.00	\$ 3,255.00	\$ -	33%	These are bid items that aren't in original bid
48	682 6007	VEH SIG SEC 71 2") LED (GRN U- TURN ARW)	EA	5.00	5.00	\$ 465.00	\$ 350.00	\$ 2325.00		5.00	\$ 2,325.00	\$ -	33%	These are bid items that aren't in original bid
49	682 6008	VEH SIG SEC II 2") LED (YEL U- TURN ARW)	EA	5.00	5.00	\$ 465.00	\$ 350.00	\$ 2325.00		5.00	\$ 2,325.00	\$ -	33%	These are bid items that aren't in original bid
50	682 6009	VEH SIG SEC 12") LED (RED U- TURN ARW)	EA	5.00	5.00	\$ 465.00	\$ 350.00	\$ 2325.00		5.00	\$ 2,325.00	\$ -	33%	These are bid items that aren't in original bid
51	682 6060	BACKPLATE W/REFL BRDR (3 SEC)	EA	25.00	25.00	\$ 215.00	\$ 250.00	\$ 5375.00		25.00	\$ 5,375.00	\$ -		These are bid items that aren't in original bid
52	684 6031	TRF SIG CBL (TY A)(14 AWG)(5 CONDR)	LF	5,435.00	5,435.00	\$ 3.00	\$ 2.50	\$ 16305.00	-1349.00	4086.00	\$ 12,258.00	\$ (3,372.50)	20%	
53	686 6008	INS TRF SIG PL AM (SISTRITY) B LUM	ea				\$ 6900.00		-4.00	-4.00	\$ (27,600.00)	\$ (27,600.00)		
54	690 6023	INSTALL OF TIMBER POLES	EA	9.00	9.00	\$ 4315.00	\$ 2000.00	\$ 38835.00		9.00	\$ 38,835.00	\$ -	116%	These are bid items that aren't in original bid
55	6004 6031	ITS COM CBL (ETHERNET)	LF	180.00	180.00	\$ 4.00	\$ 10.00	\$ 720.00		180.00	\$ 720.00	\$ -		These are bid items that aren't in original bid
56	6010 6002	CCTV FIELD EQUIPMENT (DIGITAL)	EA	2.00	2.00	\$ 4700.00	\$ 2000.00	\$ 9400.00		2.00	\$ 9,400.00	\$ -		These are bid items that aren't in original bid
57	6058 6001	BBU SYSTEM (EXTERNAL BATT CABINET)	EA	2.00	2.00	\$ 8800.00	\$ 10000.00	\$ 17600.00		2.00	\$ 17,600.00	\$ -		These are bid items that aren't in original bid
58	6292 6001	RVDSPRESENCE DETECTION ONLY)	EA	7.00	7.00	\$ 9200.00	\$ 11000.00	\$ 64400.00		7.00	\$ 64,400.00	\$ -		These are bid items that aren't in original bid
59	6292 6002	RVDSPADVANCE DETECTION ONLY)	EA	4.00	4.00	\$ 9200.00	\$ 19000.00	\$ 36800.00		4.00	\$ 36,800.00	\$ -		These are bid items that aren't in original bid
60	SUB1	RADAR PRESENCE DETECTOR COMM CABLE	LF	1,550.00	1,550.00	\$ 4.00		\$ 6200.00		1550.00	\$ 6,200.00			These are subsidiary traffic signal items
61	SUB2	RADAR ADVANCE DETECTOR COMM CABLE	LF	1,035.00	1,035.00	\$ 4.00		\$ 4140.00		1035.00	\$ 4,140.00			These are subsidiary traffic signal items
								\$ 428,000.00			\$ 350,195.00	\$ (72,103.50)		
									Subcontract Mark up 5%		\$ 20,098.95			
									Total		\$ 370,293.95			

ITEMIZED TRAFFIC SIGNAL QUANTITIES

US 79 AT JUGHANDLE: FLASHING BEACON				
CONTRACTOR PROVIDED AND INSTALLED ITEMS				
TXDOT SPECS		DESCRIPTION	UNIT	TOTAL
ITEM NO.	DESC. CODE			
416	6032	DRILL SHAFT (TRF SIG POLE) (36 IN)	LF	52
618	6023	CONDT (PVC) (SCH 40) (2")	LF	90
620	6007	ELEC CONDR (NO.8) BARE	LF	45
620	6008	ELEC CONDR (NO.8) INSULATED	LF	1892
620	6009	ELEC CONDR (NO.6) BARE	LF	50
620	6010	ELEC CONDR (NO.6) INSULATED	LF	120
624	6010	GROUND BOX TY D (162922)W/APRON	EA	1
625	6002	ZINC-COAT STL WIRE STRAND (3/16")	LF	301
625	6004	ZINC-COAT STL WIRE STRAND (5/16")	LF	301
628	6165	ELC SRV TY D 120/240 070(NS)AL(E)SP(O)	EA	1
680	6001	INSTALL HWY TRF SIG (FLASH BEACON)	EA	1
*	*	POLE MOUNTED FLASHER CABINET	EA	1
*	*	FLASHING BEACON CONTROLLER	EA	1
*	*	250 W EQ LED LUMINAIRE	EA	4
682	6003	VEH SIG SEC (12")LED(YEL)	EA	12
682	6005	VEH SIG SEC (12")LED(RED)	EA	4
684	6031	TRF SIG CBL (TY A) (14 AWG) (5 CONDR)	LF	1349
686	6008	INS TRF SIG PL AM (S)STR(TY B)LUM	EA	4

James Construction Group, LLC

Contractor's Basis of Estimate

Date:	3/17/2023	Project:	FM3349 @ US79	County:	WILLIAMSON
CO Pricing Good For:		Control:	4400005752	Highway:	FM3349
	15 Days				
Description:	ADDITIONAL TRAFFIC CONTROL	Original Contract:	Net CO:	Revised Contract:	
Estimated Qty:	1.00 LS	Narrative:	ADDED TRAFFIC CONTROL- CHANGE ORDER #1- 1 FULL WEEK ESTIMATE WITH TRAFFIC CONTROL/SURVEY CREWS- 13 ESTIMATED LANE CLOSURES ON HWY79, CR101, FM3349, & EAST TA. SUPPORT AND OVERSIGHT FOR ALL TRAFFIC CONTROL AND AFFILIATED		
Estimated Change in Contract Sum:	\$ 54,345.68				
Estimated Change In Contract Time:	TBD				

JCG reserves the right to request equitable time and monetary adjustments for additional or unforeseen work resulting from this change order.

LABOR

	Reg Hrs	OT Hrs	UM	Reg Rate	OT Rate (x1.5)	Extended
FOREMAN	40.00	0.00	HR	\$ 52.50	\$ 78.75	\$ 2,100.00
CERTIFIED FLAGGER/OPERATOR	40.00	0.00	HR	\$ 28.00	\$ 42.00	\$ 1,120.00
CERTIFIED FLAGGER/OPERATOR	40.00	0.00	HR	\$ 28.00	\$ 42.00	\$ 1,120.00
EXCAVATOR OPERATOR	40.00	0.00	HR	\$ 30.00	\$ 45.00	\$ 1,200.00
CDL OPERATOR	40.00	0.00	HR	\$ 25.00	\$ 37.50	\$ 1,000.00
SURVEY PARTY CHIEF	40.00	0.00	HR	\$ 42.50	\$ 63.75	\$ 1,700.00
SURVEY LABORER	40.00	0.00	HR	\$ 22.00	\$ 33.00	\$ 880.00
					Subtotal	\$ 9,120.00
					25% Profit	\$ 2,280.00
					55% Burdens	\$ 5,016.00
					Total Labor	\$ 16,416.00

EQUIPMENT

	QTY	UM	Rate	Extended
FOREMEN TRUCK	50	HRS	\$ 41.74	\$ 2,087.00
TRAFFIC CONTROL TRUCK	50	HRS	\$ 28.45	\$ 1,422.50
SURVEY TRUCK	50	HRS	\$ 28.45	\$ 1,422.50
TMA RENTAL	1	MO	\$ 3,500.00	\$ 3,500.00
			Subtotal	\$ 8,432.00
			15% Profit	\$ 1,264.80
			Total Equipment	\$ 9,696.80

SUBCONTRACTORS

	QTY	UM	Price	Extended
TEXAS TRAFFIC & BARR- LANE CLOSURE	12.00	EA	\$ 2,198.00	\$ 26,376.00
POLICE OFFICERS (TO BE PAID VIA FORCE ACCOUNT ITEM)				
			Subtotal	\$ 26,376.00
			5% Profit	\$ 1,318.80
			Total Subcontract	\$ 27,694.80

MATERIAL

QTY	UM	Price	Extended
		Subtotal	\$ -
		25% Markup	\$ -
		Total Material	\$ -

TOTAL OF WORK PERFORMED \$ 53,807.60

BOND FEE (ADD 1%) \$ 538.08

TOTAL COST \$ 54,345.68

UNIT PRICE (TOTAL COST/EST. QTY) \$ 54,345.68

PLOT DRIVER: \$PLTDRV/\$\$
USER: \$USER/\$\$
FILE: \$FILES/\$\$
PENTABLE: \$PENTBL/\$\$
DATE: \$DATE/\$\$
TIME: \$TIME/\$\$
SCALE: \$SCALES/SHORT/\$\$

TCP ITEMS		UOM	DELTA QTY
512 6005	PORT CTB (FUR & INST) (F-SHAPE) (TY 1)	LF	5635
512 6053	PORT CTB (REMOVE) (F-SHAPE) (TY 1)	LF	5635
502 6001	BARRICADES, SIGNS AND TRAFFIC HANDLING	MO	6

ROADWAY ITEMS		UOM	DELTA QTY
105 6008	REMOVING STAB BASE AND ASPH PAV (6")	SY	288
105 6077	REMOVING STAB BASE & ASPH PAV (8")	SY	157
110 6001	EXCAVATION (ROADWAY)	CY	693
132 6047	EMBANKMENT (FINAL) (ORD COMP) (TY C1)	CY	330
216 6001	PROOF ROLLING	HR	16
247 6044	FL BS (CMP IN PLC) (TY A GR 4) (FNAL POS)	CY	640
260 6011	LIME TRT (EXST MATL) (12")	SY	1964
260 6043	LIME (HYD, COM OR QK) (SLURRY)	TON	56
310 6001	PRIME COAT (MULTI OPTION)	GAL	472
432 6001	RIPRAP (CONC) (4IN)	CY	18
529 6025	CONC CURB (TY III)	LF	294
3076 6001	D-GR HMA TY-B PG64-22	TON	495
3076 6003	D-GR HMA TY-B PG64-22 (EXEMPT)	TON	565
3076 6048	D-GR HMA TY-D PG76-22	TON	184.9
3076 6072	D-GR HMA TY-D PG 76-22 (EXEMPT)	TON	67
3081 6008	TOM-C PG 76-22 SAC-B	TON	99.2
3084 6001	BONDING COURSE	GAL	389

DRAINAGE ITEMS		UOM	DELTA QTY
464 6017	RC PIPE (CL IV) (18 IN)	LF	16

SIGNING ITEMS		UOM	DELTA QTY
644 6004	IN SM RD SN SUP&AM TY10BWG(1)SA(T)	EA	3
644 6027	IN SM RD SN SUP&AM TYS80(1)SA(P)	EA	49
644 6028	IN SM RD SN SUP&AM TYS80(1)SA(P-BM)	EA	2
644 6030	IN SM RD SN SUP&AM TYS80(1)SA(T)	EA	24
644 6040	IN SM RD SN SUP&AM TYS80 (1) SB (P-BM)	EA	4
644 6042	IN SM RD SN SUP&AM TYS80 (1) SB (T)	EA	4
644 6076	REMOVE SM RD SN SUP&AM	EA	21

PAVEMENT MARKING & D&OM ITEMS		UOM	DELTA QTY
658 6060	REMOVE DELIN & OBJECT MARKER ASSMS	EA	28
658 6083	INSTL DEL ASSM (D-SW) SZ1 (WFLX) SRF	EA	28
658 6084	INSTL DEL ASSM (D-SW) SZ 1 (WFLX) SRF (BI)	EA	52
658 6094	INSTL DEL ASSM (D-DW) SZ 1 (WFLX) SRF	EA	20
666 6006	REFL PAV MRK TY I (W) 4" (DOT) (100MIL)	LF	708
666 6012	REFL PAV MRK TY I (W) 4" (SLD) (100MIL)	LF	5587
666 6048	REFL PAV MRK TY I (W) 24" (SLD) (100MIL)	LF	253
666 6054	REFL PAV MRK TY I (W) (ARROW) (100MIL)	EA	17
666 6063	REFL PAV MRK TY I (W) (UTURN ARW) (100MIL)	EA	9
666 6072	REFL PAV MRK TY I (LNDP ARW) (100MIL)	EA	2
666 6078	REFL PAV MRK TY I (W) (WORD) (100MIL)	EA	23
666 6102	REF PAV MRK TY I (W) 36" (YLD TRI) (100MIL)	EA	48
666 6126	REFL PAV MRK TY I (Y) 4" (SLD) (100MIL)	LF	4106
666 6141	REFL PAV MRK TY I (Y) 12" (SLD) (100MIL)	LF	285
666 6176	REFL PAV MRK TY II (W) 8" (DOT)	LF	78
666 6178	REFL PAV MRK TY II (W) 8" (SLD)	LF	1265
666 6224	PAVEMENT SEALER 4"	LF	11287
666 6230	PAVEMENT SEALER 24"	LF	253
666 6231	PAVEMENT SEALER (ARROW)	EA	17
666 6232	PAVEMENT SEALER (WORD)	EA	20
666 6236	PAVEMENT SEALER (UTURN ARROW)	EA	6
666 6237	PAVEMENT SEALER (LNDP ARROW)	EA	2
666 6243	PAVEMENT SEALER (YLD TRI)	EA	14
666 6345	REF PROF PAV MRK TY I (Y) 4" (SLD) (100MIL)	LF	680
666 6300	RE PM W/RET REQ TY I (W) 4" (BRK) (100MIL)	LF	886
672 6009	REFL PAV MRKR TY II-A-A	EA	66
672 6010	REFL PAV MRKR TY II-C-R	EA	45
677 6001	ELIM EXT PAV MRK & MRKS (4")	LF	1507
677 6003	ELIM EXT PAV MRK & MRKS (8")	LF	283
677 6005	ELIM EXT PAV MRK & MRKS (12")	LF	399
677 6007	ELIM EXT PAV MRK & MRKS (24")	LF	168
677 6008	ELIM EXT PAV MRK & MRKS (ARROW)	EA	19
677 6012	ELIM EXT PAV MRK & MRKS (WORD)	EA	20
677 6019	ELIM EXT PAV MRK & MRKS (36") (YLD TRI)	EA	34
677 6036	ELIM EXT PAV MRK & MRKS (UTURN ARROW)	EA	3

EROSION CONTROL ITEMS		UOM	DELTA QTY
160 6003	FURNISHING AND PLACING TOPSOIL (4")	SY	5837
164 6035	DRILL SEEDING (PERM) (RURAL) (CLAY)	SY	5837
164 6041	DRILL SEEDING (TEMP) (WARM)	SY	1600
164 6043	DRILL SEEDING (TEMP) (COOL)	SY	1600
168 6001	VEGETATIVE WATERING	MG	18
169 6001	SOIL RETENTION BLANKETS (CL 1) (TY A)	SY	5837
506 6001	ROCK FILTER DAMS (INSTALL) (TY 1)	LF	30
506 6002	ROCK FILTER DAMS (INSTALL) (TY 2)	LF	30
506 6038	TEMP SEDMT CONT FENCE (INSTALL)	LF	360
506 6039	TEMP SEDMT CONT FENCE (REMOVE)	LF	360

ITEM		DESCRIPTION	UOM	DELTA QTY
500	6001	MOBILIZATION	LS	1
618	6023	CONDT (PVC) (SCH 40) (2")	LF	250
618	6029	CONDT (PVC) (SCH 40) (3")	LF	180
618	6070	CONDT (RM) (2")	LF	80
618	6074	CONDT (RM) (3")	LF	140
620	6008	ELEC CONDR (NO.8) INSULATED	LF	3240
620	6011	ELEC CONDR (NO.4) BARE	LF	430
620	6012	ELEC CONDR (NO.4) INSULATED	LF	210
624	6002	GROUND BOX TY A (122311)W/APRON	EA	1
624	6010	GROUND BOX TY D (162922)W/APRON	EA	3
625	6001	ZINC-COAT STL WIRE STRAND (1/4")	LF	540
625	6003	ZINC-COAT STL WIRE STRAND (3/8")	LF	2658
628	6165	ELC SRV TY D 120/240 070(NS)AL(E)SP(O)	EA	1
628	6167	ELC SRV TY D 120/240 070(NS)AL(E)TP(O)	EA	1
680	6003	INSTALL HWY TRF SIG (SYSTEM)	EA	2
680	SUB1	CONTROLLER FULL-ACTUATED W/CABINET	EA	2
680	SUB2	TRAFFIC SIGNAL CONTROLLER FOUNDATION	EA	2
680	SUB3	GROUND ROD	EA	17
680	SUB4	DETECTOR CARD RACK	EA	2
680	SUB5	DETECTOR UNIT (DUAL CHANNEL)	EA	24
680	SUB6	LED ROADWAY LUMINAIRE (120/240 EQ)	EA	4
680	SUB7	D3-1G SIGN "US 79" (48"x18")	EA	4
680	SUB8	R3-8UT "U-TURN ONLY" (30"x36")	EA	3
680	SUB9	R3-8LR "LANE ASSIGNMENT SIGN" (36"x30")	EA	1
680	SUB9	MANAGED HARDENED ETHERNET SWITCH	EA	1
680	SUB10	R10-10L "LEFT TURN SIGNAL" (30"x36")	EA	1
680	SUB10	POWER SUPPLY (FOR ETHERNET)	EA	1
680	SUB11	MANAGED HARDENED ETHERNET SWITCH	EA	1
680	SUB11	900 MHZ SPREAD SPECTRUM RADIO WITH YAGI ANTENNA AND CABLES (LOCAL COMM) COMPLETE	EA	1
680	SUB12	POWER SUPPLY (FOR ETHERNET)	EA	1
680	SUB12	GPS CLOCK	EA	1
680	SUB13	900 MHZ SPREAD SPECTRUM RADIO WITH YAGI ANTENNA AND CABLES (LOCAL COMM) COMPLETE	EA	1
680	SUB13	ITS COMM CABLE (YAGI)	LF	75
680	SUB14	GPS CLOCK	EA	1
680	SUB15	ITS COMM CABLE (YAGI)	LF	105
682	6001	VEH SIG SEC (12")LED(GRN)	EA	13
682	6002	VEH SIG SEC (12")LED(GRN ARW)	EA	7
682	6003	VEH SIG SEC (12")LED(YEL)	EA	13
682	6004	VEH SIG SEC (12")LED(YEL ARW)	EA	7
682	6005	VEH SIG SEC (12")LED(RED)	EA	13
682	6006	VEH SIG SEC (12")LED(RED ARW)	EA	7
682	6007	VEH SIG SEC (12")LED(GRN U-TURN ARW)	EA	5
682	6008	VEH SIG SEC (12")LED(YEL U-TURN ARW)	EA	5
682	6009	VEH SIG SEC (12")LED(RED U-TURN ARW)	EA	5
682	6060	BACKPLATE W/REFL BRDR(3 SEC)	EA	25
684	6031	TRF SIG CBL (TY A) (14 AWG) (5 CONDR)	LF	5435
690	6023	INSTALL OF TIMBER POLES	EA	9
6004	6031	ITS COM CBL (ETHERNET)	LF	180
6010	6002	CCTV FIELD EQUIPMENT (DIGITAL)	EA	2
6058	6001	BBU SYSTEM (EXTERNAL BATT CABINET)	EA	2
6292	6001	RVDS(PRESENCE DETECTION ONLY)	EA	7
6292	6002	RVDS(ADVANCE DETECTION ONLY)	EA	4
6292	SUB1	RADAR PRESENCE DETECTOR COMM CABLE	LF	1550
6292	SUB2	RADAR ADVANCE DETECTOR COMM CABLE	LF	1035

NOTES:

- FOR CONTRACTOR'S INFORMATION ONLY; SUBSIDIARY TO OTHER ITEMS.
- CONSTRUCTION EXITS TO BE PLACED AS APPROVED BY THE CONSTRUCTION REPRESENTATIVE.

1	1/10/23	Added WB U-Turn Lane		PAF
NO.	DATE	REVISION		APPROVED
		 HDR Engineering, Inc. 710 Hesters Crossing, Suite 150 Round Rock, Texas 78681 Texas Registered Engineering Firm F-754		
				
FM 3349				
SUMMARY OF QUANTITIES CHANGE ORDER #1				
SHEET 1 OF 1				
DESIGN	FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.		HIGHWAY NO.
FT	6			FM 3349
GRAPHICS	STATE	DISTRICT	COUNTY	SHEET NO.
LG	TEXAS	AUS	WILLIAMSON	
CHECK	CONTROL	SECTION	JOB	
	3486	01	008, ETC	

SHEET 35A