WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 5

Contract Award Date:	9/20/2022
Project Number:	*22IFB138*
Funding Source:	*P296*
Roadway:	*CR 366*
CSJ Number:	N/A

Contractor: **James Construction Group**

NTP Required: Yes No

Project Name: **CR 366**

Change Order Work Limits: Sta. **11+91.00** to Sta. **111+79.30**

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

Reasons: **2E, 2I** (3 Max. - In order of importance - Primary first)

Describe the work being revised:

2E. Miscellaneous difference in site conditions (unforeseeable)(Item 9). This Change Order provides the final balancing for the overruns/underruns of contract quantities on the project that are a result of addressing field conditions not accounted for in the original plans.This Change Order also adds an item for ovehead cost due to utilities causing inefficienceis towards project progression/ **2I. Additional safety needs (unforeseeable).** This Change Order also adds items to the contract to address additional safety concerns.

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

New or revised plan sheet(s) are attached and numbered: **N/A**

New Special Provisions/Specifications to the contract are attached: Yes No

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 1-31-25

By [signature]

Typed/Printed Name Joey Williams

Typed/Printed Title Division Manager

The following information must be provided

Time Ext. #: **1** Days added on this CO: **81**

Amount added by this change order: **($318,499.67)**

Original Contract Amount: **$17,694,262.46**

Total Change Orders To-Date: **-$86,092.72**

Percent Change in Original Contract: **-0.49%**

RECOMMENDED FOR EXECUTION:

[signature] 1/31/2025
Senior Construction Engineer Date

Christen Eschberger 2/4/2025
Program Manager Date

N/A
3rd Party Signature Date

RECOMMENDED FOR EXECUTION:

[signature] 2/7/2025
Department of Infrastructure
Williamson County
Date

APPROVED:

Presiding Officer of the
Williamson County Commissioners Court
Date

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: ***5*** ***Project #*** ***22IFB138***

TABLE A: Force Account Work and Materials Placed into Stock

	LABOR	HOURLY RATE			HOURLY RATE

TABLE B: Contract Items:

				ORIGINAL + PREVIOUSLY REVISED		ADD or (DEDUCT)	NEW		
ITEM	DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	ITEM COST	QUANTITY	QUANTITY	ITEM COST	OVERRUN/ UNDERRUN
104 6017	REMOVING CONC (DRIVEWAYS)	SY	$5.33	615.00	$3,277.95	34.83	649.83	$3,463.59	$185.64
104 6021	REMOVING CONC (CURB)	LF	$1.99	112.00	$222.88	13.60	125.60	$249.94	$27.06
105 6094	REMOVING STAB BASE & ASPH PAV (12"-27")	SY	$5.87	34,136.00	$200,378.32	(804.62)	33,331.38	$195,655.20	($4,723.12)
110 6001	EXCAVATION (ROADWAY)	CY	$9.04	88,383.00	$798,982.32	1,393.94	89,776.94	$811,583.54	$12,601.22
132 6005	EMBANKMENT (FINAL)(ORD COMP)(TY C)	CY	$11.10	29,339.00	$325,662.90	1,282.70	30,621.70	$339,900.87	$14,237.97
132 6047	EMBANKMENT (FINAL)(ORD COMP)(TY C1)	CY	$38.70	18,320.00	$708,984.00	1,391.94	19,711.94	$762,852.08	$53,868.08
161 WC03	COMPOST MANUF TOPSOIL (4")	SY	$1.00	28,443.00	$28,443.00	(28,443.00)	0.00	$0.00	($28,443.00)
164 WC04	BROADCAST SEED (TEMP) (COOL) (TY 4)	SY	$0.75	71,109.00	$53,331.75	(71,109.00)	0.00	$0.00	($53,331.75)
164 WC10	BROADCAST SEED (TEMP & PERM) (WARM) (TY 10)	SY	$0.80	213,326.00	$170,660.80	(6,264.00)	207,062.00	$165,649.60	($5,011.20)
168 WC01	VEGETATIVE WATERING	MG	$25.00	4,616.00	$115,400.00	(4,211.20)	404.80	$10,120.00	($105,280.00)
169 6001	SOIL RETENTION BLANKETS (CL 1)(TY A)	SY	$2.00	142,217.00	$284,434.00	(4,149.00)	138,068.00	$276,136.00	($8,298.00)
247 6044	FL BS (CMP IN PLC)(TY A GR 4)(FNAL POS)	CY	$48.52	16,655.00	$808,100.60	896.00	17,551.00	$851,574.52	$43,473.92
247 6366	FL BS (CMP IN PLC)(TY A GR 5)(FNAL POS)	CY	$52.54	6,052.00	$317,972.08	(305.12)	5,746.88	$301,941.08	($16,031.00)
260 6001	LIME (HYDRATED LIME(DRY))	TON	$25.00	1,206.00	$30,150.00	(32.69)	1,173.31	$29,332.75	($817.25)
260 6027	LIME TRT (EXST MATL)(8")	SY	$0.10	67,005.00	$6,700.50	(2,782.00)	64,223.00	$6,422.30	($278.20)
310 6001	PRIME COAT (MULTI OPTION)	GAL	$5.21	14,617.00	$76,154.57	(1,529.00)	13,088.00	$68,188.48	($7,966.09)
316 6191	AGGR (TY-D GR-4 SAC-B)	CY	$130.37	610.00	$79,525.70	31.11	641.11	$83,581.51	$4,055.81
316 6295	HFRS-2 (SPG 70-22)	GAL	$4.12	27,682.00	$114,049.84	(10,892.00)	16,790.00	$69,174.80	($44,875.04)
351 6002	FLEXIBLE PAVEMENT STRUCTURE REPAIR(6")	SY	$57.36	943.00	$54,090.48	(943.00)	0.00	$0.00	($54,090.48)
360 6003	CONC PVMT (CONT REINF - CRCP) (9")	SY	$103.82	13,937.00	$1,446,939.34	(940.17)	12,996.83	$1,349,330.89	($97,608.45)
	TOTALS				$5,623,461.03			$5,325,157.15	($298,303.88)

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: ***5*** ***Project #*** ***22IFB138***

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
420 6011	CL B CONC (FLUME)	CY	$968.97	2.00	$1,937.94	(2.00)	0.00	$0.00	($1,937.94)
432 6031	RIPRAP (STONE PROTECTION)(12 IN)	CY	$127.06	959.40	$121,901.36	492.64	1,452.04	$184,496.20	$62,594.84
432 6045	RIPRAP (MOW STRIP)(4 IN)	CY	$605.81	49.00	$29,684.69	8.00	57.00	$34,531.17	$4,846.48
464 6005	RC PIPE (CL III)(24 IN)	LF	$82.30	249.00	$20,492.70	24.00	273.00	$22,467.90	$1,975.20
464 6017	RC PIPE (CL IV)(18 IN)	LF	$85.70	308.00	$26,395.60	(30.50)	277.50	$23,781.75	($2,613.85)
464 6025	RC PIPE (CL V)(18 IN)	LF	$105.01	161.00	$16,906.61	8.00	169.00	$17,746.69	$840.08
464 6034	RC PIPE (ARCH)(CL III)(DES 5)	LF	$358.59	44.00	$15,777.96	32.00	76.00	$27,252.84	$11,474.88
464 6081	RC PIPE (ARCH)(CL V)(DES 1)	LF	$222.63	130.00	$28,941.90	16.00	146.00	$32,503.98	$3,562.08
467 6363	SET (TY II) (18 IN) (RCP) (6: 1) (P)	EA	$1,457.33	34.00	$49,549.22	(3.00)	31.00	$45,177.23	($4,371.99)
502 6001	BARRICADES, SIGNS AND TRAFFIC HANDLING	MO	$4,916.26	18.00	$88,492.68	2.00	20.00	$98,325.20	$9,832.52
506 6002	ROCK FILTER DAMS (INSTALL) (TY 2)	LF	$37.50	796.00	$29,850.00	(646.00)	150.00	$5,625.00	($24,225.00)
506 6011	ROCK FILTER DAMS (REMOVE)	LF	$20.00	796.00	$15,920.00	(646.00)	150.00	$3,000.00	($12,920.00)
506 6038	TEMP SEDMT CONT FENCE (INSTALL)	LF	$3.00	4,949.00	$14,847.00	(3,438.00)	1,511.00	$4,533.00	($10,314.00)
506 6039	TEMP SEDMT CONT FENCE (REMOVE)	LF	$0.50	4,949.00	$2,474.50	(3,438.00)	1,511.00	$755.50	($1,719.00)
506 6042	BIODEG EROSN CONT LOGS (INSTL) (18")	LF	$7.50	1,365.00	$10,237.50	(1,365.00)	0.00	$0.00	($10,237.50)
506 6043	BIODEG EROSN CONT LOGS (REMOVE)	LF	$1.00	1,365.00	$1,365.00	(1,365.00)	0.00	$0.00	($1,365.00)
508 6001	CONSTRUCTING DETOURS	SY	$74.99	1,151.00	$86,313.49	(1,151.00)	0.00	$0.00	($86,313.49)
512 6025	PORT CTB (MOVE)(SGL SLP)(TY 1)	LF	$7.59	650.00	$4,933.50	(20.00)	630.00	$4,781.70	($151.80)
530 6016	DRIVEWAYS (BASE)	SY	$30.74	1,582.00	$48,630.68	419.00	2,001.00	$61,510.74	$12,880.06
540 6001	MTL W-BEAM GD FEN (TIM POST)	LF	$35.05	637.50	$22,344.38	105.00	742.50	$26,024.63	$3,680.25
542 6001	REMOVE METAL BEAM GUARD FENCE	LF	$0.53	321.00	$170.13	105.00	426.00	$225.78	$55.65
552 6001	WIRE FENCE (TY A)	LF	$8.84	2,785.00	$24,619.40	(1,555.00)	1,230.00	$10,873.20	($13,746.20)
552 6005	GATE (TY 1)	EA	$1,040.53	1.00	$1,040.53	(1.00)	0.00	$0.00	($1,040.53)
560 6025	RELOCATE EXISTING MAILBOX	EA	$100.00	8.00	$800.00	1.00	9.00	$900.00	$100.00
618 6046	CONDT (PVC) (SCH 80) (2")	LF	$16.00	960.00	$15,360.00	(446.00)	514.00	$8,224.00	($7,136.00)
618 6053	CONDT (PVC) (SCH 80) (3")	LF	$22.00	600.00	$13,200.00	(40.00)	560.00	$12,320.00	($880.00)
620 6007	ELEC CONDR (NO.8) BARE	LF	$2.50	2,510.00	$6,275.00	(318.00)	2,192.00	$5,480.00	($795.00)
620 6008	ELEC CONDR (NO.8) INSULATED	LF	$2.75	4,960.00	$13,640.00	(1,690.00)	3,270.00	$8,992.50	($4,647.50)
620 6009	ELEC CONDR (NO.6) BARE	LF	$3.00	335.00	$1,005.00	35.00	370.00	$1,110.00	$105.00
620 6010	ELEC CONDR (NO.6) INSULATED	LF	$3.25	670.00	$2,177.50	75.00	745.00	$2,421.25	$243.75
624 6010	GROUND BOX TY D (162922)W/APRON	EA	$1,800.00	5.00	$9,000.00	3.00	8.00	$14,400.00	$5,400.00
644 6001	IN SM RD SN SUP&AM TY10BWG(1)SA(P)	EA	$576.89	47.00	$27,113.83	(2.00)	45.00	$25,960.05	($1,153.78)
The "Totals" from Table B of the previous work sheet:					$5,623,461.03			$5,325,157.15	($298,303.88)
TOTALS					$6,374,859.13			$6,008,577.46	($366,281.67)

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: *5* ***Project #*** *22IFB138*

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	$696.05	6.00	$4,176.30	(4.00)	2.00	$1,392.10	($2,784.20)
658 6013	INSTL DEL ASSM (D-SW)SZ(BRF)CTB	EA	$22.27	8.00	$178.16	(2.00)	6.00	$133.62	($44.54)
658 6015	INSTL DEL ASSM (D-SW)SZ(BRF)GF1	EA	$27.84	32.00	$890.88	6.00	38.00	$1,057.92	$167.04
662 6004	WK ZN PAV MRK NON-REMOV (W)4"(SLD)	LF	$0.31	43,541.00	$13,497.71	(18,449.00)	25,092.00	$7,778.52	($5,719.19)
662 6016	WK ZN PAV MRK NON-REMOV (W)24"(SLD)	LF	$15.00	37.00	$555.00	(23.00)	14.00	$210.00	($345.00)
662 6034	WK ZN PAV MRK NON-REMOV (Y)4"(SLD)	LF	$0.31	47,531.00	$14,734.61	(19,808.00)	27,723.00	$8,594.13	($6,140.48)
666 6006	REFL PAV MRK TY I (W)4"(DOT)(100MIL)	LF	$1.50	370.00	$555.00	(174.00)	196.00	$294.00	($261.00)
666 6036	REFL PAV MRK TY I (W)8"(SLD)(100MIL)	LF	$2.00	5,934.00	$11,868.00	957.00	6,891.00	$13,782.00	$1,914.00
666 6042	REFL PAV MRK TY I (W)12"(SLD)(100MIL)	LF	$5.35	261.00	$1,396.35	526.00	787.00	$4,210.45	$2,814.10
666 6048	REFL PAV MRK TY I (W)24"(SLD)(100MIL)	LF	$9.20	238.00	$2,189.60	44.00	282.00	$2,594.40	$404.80
666 6078	REFL PAV MRK TY I (W)(WORD)(100MIL)	EA	$120.00	19.00	$2,280.00	(7.00)	12.00	$1,440.00	($840.00)
666 6141	REFL PAV MRK TY I (Y)12"(SLD)(100MIL)	LF	$5.05	1,136.00	$5,736.80	615.00	1,751.00	$8,842.55	$3,105.75
666 6167	REFL PAV MRK TY II (W) 4" (BRK)	LF	$0.15	1,412.00	$211.80	(282.00)	1,130.00	$169.50	($42.30)
666 6170	REFL PAV MRK TY II (W) 4" (SLD)	LF	$0.14	30,443.00	$4,262.02	5,749.00	36,192.00	$5,066.88	$804.86
666 6205	REFL PAV MRK TY II (Y) 4" (BRK)	LF	$0.15	3,710.00	$556.50	(150.00)	3,560.00	$534.00	($22.50)
666 6207	REFL PAV MRK TY II (Y) 4" (SLD)	LF	$0.14	30,121.00	$4,216.94	3,176.00	33,297.00	$4,661.58	$444.64
672 6007	REFL PAV MRKR TY I-C	EA	$14.00	268.00	$3,752.00	144.00	412.00	$5,768.00	$2,016.00
672 6009	REFL PAV MRKR TY II-A-A	EA	$4.00	1,178.00	$4,712.00	190.00	1,368.00	$5,472.00	$760.00
678 6001	PAV SURF PREP FOR MRK (4")	LF	$0.01	6,200.00	$62.00	(128.00)	6,072.00	$60.72	($1.28)
678 6004	PAV SURF PREP FOR MRK (8")	LF	$0.02	1,730.00	$34.60	(68.00)	1,662.00	$33.24	($1.36)
678 6006	PAV SURF PREP FOR MRK (12")	LF	$0.05	259.00	$12.95	54.00	313.00	$15.65	$2.70
678 6008	PAV SURF PREP FOR MRK (24")	LF	$0.10	114.00	$11.40	55.00	169.00	$16.90	$5.50
678 6009	PAV SURF PREP FOR MRK (ARROW)	EA	$1.00	9.00	$9.00	1.00	10.00	$10.00	$1.00
678 6016	PAV SURV PREP FOR MRK (WORD)	EA	$1.00	6.00	$6.00	(1.00)	5.00	$5.00	($1.00)
682 6001	VEH SIG SEC (12")LED(GRN)	EA	$290.00	7.00	$2,030.00	4.00	11.00	$3,190.00	$1,160.00
682 6002	VEH SIG SEC (12")LED(GRN ARW)	EA	$290.00	5.00	$1,450.00	(2.00)	3.00	$870.00	($580.00)
682 6003	VEH SIG SEC (12")LED(YEL)	EA	$290.00	7.00	$2,030.00	4.00	11.00	$3,190.00	$1,160.00
682 6004	VEH SIG SEC (12")LED(YEL ARW)	EA	$290.00	5.00	$1,450.00	(3.00)	2.00	$580.00	($870.00)
682 6005	VEH SIG SEC (12")LED(RED)	EA	$290.00	7.00	$2,030.00	4.00	11.00	$3,190.00	$1,160.00
682 6006	VEH SIG SEC (12")LED(RED ARW)	EA	$290.00	4.00	$1,160.00	(3.00)	1.00	$290.00	($870.00)
682 6049	BACKPLATE W/ REFL BRDR(4 SEC)	EA	$145.00	2.00	$290.00	1.00	3.00	$435.00	$145.00
684 6033	TRF SIG CBL (TY A)(14 AWG)(7 CONDR)	LF	$3.00	1,336.00	$4,008.00	(48.00)	1,288.00	$3,864.00	($144.00)
The "Totals" from Table B of the previous work sheet:					$6,374,859.13			$6,008,577.46	($366,281.67)
TOTALS					$6,465,212.75			$6,096,329.62	($368,883.13)

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 5 ***Project # 22IFB138***

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
3076 6001	D-GR HMA TY-B PG64-22	TON	$103.25	7,591.00	$783,770.75	8,088.83	15,679.83	$1,618,942.45	$835,171.70
3076 6007	D-GR HMA TY-B SAC-B PG70-22	TON	$110.55	8,281.00	$915,464.55	(8,281.00)	0.00	$0.00	($915,464.55)
3076 6042	D-GR HMA TY-D SAC-B PG70-22	TON	$148.10	5,070.00	$750,867.00	2,400.10	7,470.10	$1,106,321.81	$355,454.81
3076 6050	D-GR HMA TY-D SAC-B PG76-22	TON	$148.10	2,064.00	$305,678.40	(2,064.00)	0.00	$0.00	($305,678.40)
3076 6051	D-GR HMA TY-D PG76-22 (LEVEL-UP)	TON	$153.31	3,985.00	$610,940.35	7.64	3,992.64	$612,111.64	$1,171.29
3084 6001	BONDING COURSE	GAL	$5.06	1,862.00	$9,421.72	6,238.00	8,100.00	$40,986.00	$31,564.28
5001 6002	GEOGRID BASE REINFORCEMENT (TY II)	SY	$1.53	52,030.00	$79,605.90	5,574.00	57,604.00	$88,134.12	$8,528.22
COA-609S-C	Grass Seeding	SY	$0.25	1,983.00	$495.75	(1,983.00)	0.00	$0.00	($495.75)
COA-605S-A	Soil Retention Blanket Class 1; Type A	SY	$2.00	10.00	$20.00	(10.00)	0.00	$0.00	($20.00)
0400 6006	CUT & RESTORING PAV	SY	$50.00	44.00	$2,200.00	(22.00)	22.00	$1,100.00	($1,100.00)
J108-3	4" C-900, DR-18 PVC Pipe; w/ Tracer Wire; Installed	LF	$50.00	850.00	$42,500.00	230.00	1,080.00	$54,000.00	$11,500.00
J108-23	Storm Water Pollution Prevention Plan Design and Implementation	LS	$1,000.00	1.00	$1,000.00	(1.00)	0.00	$0.00	($1,000.00)
J108-24	Traffic Control Plan Development and Implementation	LS	$7,500.00	1.00	$7,500.00	(1.00)	0.00	$0.00	($7,500.00)
999-WC01	FORCE ACCOUNT	DOL	$1.00	50,000.00	$50,000.00	(50,000.00)	0.00	$0.00	($50,000.00)
3076-WC01	FORCE ACCOUNT - ESTIMATED PLACEMENT AND PRODUCTION BONUS/PENALTY (TY B)	DOL	$1.00	95,300.00	$95,300.00	(79,632.42)	15,667.58	$15,667.58	($79,632.42)
3076-WC02	FORCE ACCOUNT - ESTIMATED PLACEMENT AND PRODUCTION BONUS/PENALTY (TY D SURFACE)	DOL	$1.00	66,700.00	$66,700.00	(56,271.65)	10,428.35	$10,428.35	($56,271.65)
585-WC01	FORCE ACCOUNT - ESTIMATED RIDE QUALITY BONUS/PENALTY	DOL	$1.00	9,400.00	$9,400.00	(22,187.00)	-12,787.00	($12,787.00)	($22,187.00)
502-6001.2	CR366 Full Closure - Barricades & Traffic Control	MO	$8,934.40	8.00	$71,475.20	4.08	12.08	$107,927.55	$36,452.35
502-6001.4	CR366 Full Closure - Additional Signs	MO	$79.54	7.00	$556.78	2.00	9.00	$715.86	$159.08
730-6002	Mowing Cycle (FULL WIDTH MOWING)	EA	$6,246.78	1.00	$6,246.78	1.00	2.00	$12,493.56	$6,246.78
666-6226	PAVEMENT SEALER (8")	LF	$0.88	1,730.00	$1,522.40	1,181.00	2,911.00	$2,561.68	$1,039.28
666-6228	PAVEMENT SEALER (12")	LF	$1.38	259.00	$357.42	54.00	313.00	$431.94	$74.52
666-6230	PAVEMENT SEALER (24")	LF	$3.63	114.00	$413.82	55.00	169.00	$613.47	$199.65
666-6300	RE PM W/RET REQ TY I (W) 4" (BRK) (100MIL)	LF	$0.98	1,412.00	$1,383.76	(442.00)	970.00	$950.60	($433.16)
666-6303	RE PM W/RET REQ TY I (W) 4" (SLD) (100MIL)	LF	$0.98	30,443.00	$29,834.14	(1,925.00)	28,518.00	$27,947.64	($1,886.50)
666-6312	RE PM W/RET REQ TY I (Y) 4" (BRK) (100MIL)	LF	$0.98	3,710.00	$3,635.80	(150.00)	3,560.00	$3,488.80	($147.00)
666-6315	RE PM W/RET REQ TY I (Y) 4" (SLD) (100MIL)	LF	$0.98	30,121.00	$29,518.58	3,335.00	33,456.00	$32,786.88	$3,268.30
999-WC03	LAW ENFORCEMENT	DOL	$1.00	0.00	$0.00	538.20	538.20	$538.20	$538.20
999-WC04	DRIVEWAY REPAIR	LS	$4,082.04	0.00	$0.00	1.00	1.00	$4,082.04	$4,082.04
677-6001	ELIMINATION OF EXISTING PAV MRKS (4")	LS	$6,524.42	0.00	$0.00	1.00	1.00	$6,524.42	$6,524.42
662-6095	WK ZN PAV MRK REMOV (Y)(4")(SLD)	LS	$2,421.12	0.00	$0.00	1.00	1.00	$2,421.12	$2,421.12
662-6063	WK ZN PAV MRK REMOV (W)(4")(SLD)	LS	$2,943.60	0.00	$0.00	1.00	1.00	$2,943.60	$2,943.60
999-WC05	WOOLERY - ADDITIONAL MOB.	LS	$1,045.00	0.00	$0.00	1.00	1.00	$1,045.00	$1,045.00
999-WC06	WOOLERY - GUARDRAIL END TREATMENT	LS	$4,583.70	0.00	$0.00	1.00	1.00	$4,583.70	$4,583.70
999-WC07	SIGNAL HEAD REMOVAL	LS	$1,383.76	0.00	$0.00	1.00	1.00	$1,383.76	$1,383.76
999-WC08	ADDITIONAL SMALL SIGN INSTALLATION	LS	$3,432.22	0.00	$0.00	1.00	1.00	$3,432.22	$3,432.22
999-WC09	AMERITEX PIPE RESTOCKING FEE	LS	$1,893.16	0.00	$0.00	1.00	1.00	$1,893.16	$1,893.16
999-WC10	UTILITY POTHOLING	LS	$4,694.30	0.00	$0.00	1.00	1.00	$4,694.30	$4,694.30
999-WC11	PAVEMENT MARKING REMOVAL	LS	$849.24	0.00	$0.00	1.00	1.00	$849.24	$849.24
999-WC12	EXTENDED OH AND INEFFECIENCIES	LS	$166,978.87	0.00	$0.00	1.00	1.00	$166,978.87	$166,978.87
The "Totals" from Table B of the previous work sheet:					$6,465,212.75			$6,096,329.62	($368,883.13)
TOTALS					$10,341,021.85			$10,022,522.18	($318,499.67)

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

CR 366 Reconstruction
Williamson County Project No. 22IFB138

Change Order No. 5

Reason for Change

This Change Order provides the final balancing for the overruns/underruns of Contract quantities on the project that are a result of addressing field conditions not accounted for in the original plans.

This Change Order also adds several items to the project to address safety concerns that were identified during construction of the project.

The final item being added to this Change Order is for overhead cost due to the untimely relocation of the utilities causing inefficiencies in the progression of the project.

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

ITEM	DESCRIPTION	QTY	UNIT
999-WC03	LAW ENFORCEMENT	538.20	DOL
999-WC04	DRIVEWAY REPAIR	1	LS
677-6001	ELIMINATION OF EXISTING PAV MRKS (4")	1	LS
662-6095	WK ZN PAV MRK REMOV (Y)(4")(SLD)	1	LS
662-6063	WK ZN PAV MRK REMOV (W)(4")(SLD)	1	LS
999-WC05	WOOLERY - ADDITIONAL MOB.	1	LS
999-WC06	WOOLERY - GUARDRAIL END TREATMENT	1	LS
999-WC07	SIGNAL HEAD REMOVAL	1	LS
999-WC08	ADDITIONAL SMALL SIGN INSTALLATION	1	LS
999-WC09	AMERITEX PIPE RESTOCKING FEE	1	LS
999-WC10	UTILITY POTHOLING	1	LS
999-WC11	PAVEMENT MARKING REMOVAL	1	LS
999-WC12	EXTENDED OH AND INEFFECIENCIES	1	LS

This Change Order results in a net decrease of $318,499.67 to the Contract amount, for an adjusted Contract total of $17,608,169.74. The original Contract amount was $17,694,262.46. As a result of this and all Change Orders to-date, $86,092.72 has been deducted from the Contract, resulting in an 0.49% net decrease in the Contract cost. Eighty-one (81) days will be added to the Contract as a result of this Change Order.

HNTB Corporation

Oscar Salazar-Bueno, P.E.

Item: 999-WC03

James Construction Group

Address: 5880 West US HWY 190
Belton,TX 76513

Project: CR 366
Contract ID 0320-04-028

Final Summary

Letter No.:
Submittal Date: April 24, 2024
Completed By: Dalimar Rosario

Law Enforcement Force Account

Category	Description		Cost
Labor Cost			
	25% Overhead	$	-
	55% Ins & Tax	$	-
Material Cost		$	-
	25% Overhead	$	-
Equipment Cost		$	-
	15% Overhead	$	-
Subcontractor Cost		$	507.50
	5% Overhead	$	25.38
	Subtotal	$	532.88
	Bond Cost (1%)	$	5.33
	Total	$	538.20

Item: 999-WC03

Subcontractor Break Down	County:WILLIAMSON Route:CR 366			
27-Feb-24				
Item Description	**Quantity**	**Unit**	**Unit Price**	**Amount**
JESUS JIMENEZ	7.25	HRS	$ 70.00	$ 507.50
				$ -
				$ -
			Total Vehicle/Labor	$ 507.50

Item: 999-WC03

ATX Public Safety
PO Box 602
Kyle, TX 78640
+1 7372418066
accounting@atxpublicsafety.com

INVOICE

BILL TO
Cheryl Carpenter
James Construction Group
5881 US-190 Frontage Rd
Suite 100
Belton, TX 76513
United States

INVOICE # 2024#002
DATE 04/23/2024
DUE DATE 06/07/2024

DATE		DESCRIPTION	QTY	RATE	AMOUNT
02/27/2024	**Traffic Control Services**	Jesus Jimenez	7.25	70.00	507.50

BALANCE DUE **$507.50**

Texas Department of Transportation

DAILY REPORT ON LAW ENFORCEMENT FORCE ACCOUNT WORK

Form 318
(Rev. 2/21)

County: Williamson Project: CR 366 CSJ: ______ Highway: Chandler Rd

Officer: Jesus Jimenez SSN (Last 4 Numbers): 2123 Badge No: 202

Department/Agency: Webb C.I.S.D License/Car No: SNM-5087

Day/Date: Monday, 2/27/2024 **Item: 999-WC03**

Start Time: 8:45 am/pm

End Time: 4:20 am/pm

Total Hours: 7.25

Check if officer time was utilized for non-pay item and exclude non-pay hours. Indicate reason in remarks below.

Non-Pay Hours: ______

Pay Hours: ______

Work Being Performed/Remarks: Traffic Control / Lane Closure

Cancellation (if applicable)
Time: ______ am/pm Name of Person Who Cancelled: ______

Reason for Cancellation: ______

☒ Law Enforcement Officer certifies that they have successfully completed the National Highway Institute online course "Safe and Effective Use of Law Enforcement Personnel in Work Zones" or other applicable course listed on TxDOT's Material Producers List. Certification of training has been provided and is valid for three years from the date of completion.

______ Law Enforcement Officer's Signature ______ TxDOT Representative's Signature

______ Contractor's or Subcontractor's Company Name ______ Contractor's or Subcontractor's Signature and Title

This form is used to monitor and report traffic control officer's time and equipment. The Contractor/Subcontractor shall obtain the officer's signature and provide TxDOT the **original** report. Contractor/Subcontractor invoice must be based on this form.

Distribution: Original to TxDOT
Copy to Contractor or Subcontractor
Copy to [illegible]

Item: 999-WC04

INVOICE

Date: 5/30/2024

Invoice #

Primoris Services Corporation
James Construction Group

Bill To:
HNTB- WILLIAMSON COUNTY

RE:
CR366
ASIF MIRZAZADA
22IFB138

Qty	UM	Description	Unit Price	Total
1.00	LS	Justin Driveway Repair	$4,082.04	**$4,082.04**
		PREPARED BY: GARY COUCH		
			Total	**$4,082.04**

Item: 999-WC04

James Construction Group

Force Account Work - Justin Driveway Repair

Date:	5/30/2024	**Project:**	CR 366	**County:**	Williamson
CO Pricing Good For:	45 days	**Control:**	22IFB138	**Highway:**	CR 366

Description: **Force Account -Pothole Repair**

Estimated Qty: 1 LS

Estimated Change in Contract Sum: $ 4,082.04

Narrative: Force Account worked performed on 5/22/2024 & 5/23/2024 to repair Justion Driveway. Please see emailfrom HNTB for refernce.

Labor	[redacted]	Reg Hrs	OT Hrs	UM	Reg Rate	OT Rate (x1.5)	Extended
FIDEL RODRIGUEZ		9	0	HR	$ 47.46	$ 71.19	$ 427.16
TORRES HERRERA ALEJANDRO		6.5	0	HR	$ 24.00	$ 36.00	$ 156.00
PEREZ MARCO		9	0	HR	$ 27.00	$ 40.50	$ 243.00
PINEDA GALLEGOS JESUS		2.5	0	HR	$ 24.00	$ 36.00	$ 60.00
RODICO GOMEZ		6.5	0	HR	$ 36.00	$ 54.00	$ 234.00

Subtotal	$ 1,120.16
55% Burdens	$ 616.09
15% Markup	$ 168.02
Total Labor	**$ 1,904.28**

Equipment	[redacted]	QTY	UM	Rate	Extended
2019 Ford F250		9	HR	$ 59.25	$ 533.25
Utility Trailer		9	HR	$ 2.88	$ 25.92
Hammer Drill		15.5	HR	$ 2.50	$ 38.75
STIHL Quickly Saw		9	HR	$ 0.35	$ 3.15
Small Genertator - Honda 1500		9	HR	$ 1.96	$ 17.64

Subtotal	$ 618.71
15% Markup	$ 92.81
Total Equipment	**$ 711.52**

Subcontractors	[redacted]	QTY	UM	Price	Extended

Subtotal	$ -
15% Markup	$ -
Total Subcontract	**$ -**

Material	[redacted]	QTY	UM	Price	Extended
Flowfill CLSM125		17.00	EA	$ 75.00	$ 1,275.00
					$ -

Subtotal	$ 1,275.00
15% Markup	$ 191.25
Total Material	**$ 1,466.25**

Miscellaneous	[redacted]	QTY	UM	Price	Extended
					$ -
					$ -

Subtotal	$ -
15% Markup	
Total Miscellaneous	**$ -**

TOTAL COST	**$ 4,082.04**

UNIT PRICE (TOTAL COST/EST. QTY) **$ 4,082.04**

Item: 999-WC04

Texas Department of Transportation
Form 316
(Rev. 02/10)
Page 1 of 2

DAILY REPORT OF FORCE ACCOUNT WORK

ON CHANGE ORDER NO. ________

730 Am - 230 3 weeks

LR366

County: WILLIAMSON   Project: C-3486-1-8-ETC   CSJ: 3486-01-008   Highway: ~~FM3349~~

Date: 5/22/24   Station: DRIVE 5 REPAIR   to Station:

STATEMENT OF EQUIPMENT AND LABOR

EQUIPMENT				LABOR					
Description	Hrs.	Rate	Amount	Classification and Name	Hours Reg.	Hours O.T.	Rate Reg.	Rate O.T.	Amount
TRILER 15FT	6.5			FIDEL FORE MAN RODRIGUEZ	6.5				
Pick up 3/4 TONS	6.5			ALAHANDRO TORRES	6.5				
SAW HAND	6.5			MARKO PEREZ	6.5				
GENERATOR HONDA 8500	6.5			R-DILO GOMEZ	6.5				
(2) HAMMER DRILL	6.5								
		Total						Total	

STATEMENT OF MATERIALS ACTUALLY PLACED THIS DATE

Description	Unit	Quantity
2 BAG SIKA PLUS 12R 61.5 LBS	2	61.5 LBS BAGS
2 BOTTLES 1 GALLON SIKA DISPERSION PART A	2	GALLONS

X Fidel Romero
Contractor

5/22/24
Inspector

by ________
Signature and Title

____
Area Engineer

Item: 999-WC04

Texas Department of Transportation
Form 316
(Rev. 02/10)
Page 1 of 2

DAILY REPORT OF FORCE ACCOUNT WORK

ON CHANGE ORDER NO. ____________

2 Pm - 4:30

Drive 2

County: WILLIAMSON Project: C-3486-1-8-ETC CSJ: 3486-01-008 Highway: FM3349

Date: 2/23/24 Station: ____________ to Station: ____________

STATEMENT OF EQUIPMENT AND LABOR

EQUIPMENT				LABOR					
Description	Hrs.	Rate	Amount	Classification and Name	Hours Reg.	Hours O.T.	Rate Reg.	Rate O.T.	Amount
GENERATOR	2.5			JESUS PENEDA	2.5				
BLOWER ELECTRIC	2.5			FIDEL RODRIGUEZ	2.5				
HAMMER DRILL	2.5			MARIO PEREZ	2.5				
TRAILER	2.5								
PU 3/4 TON TRUCK 1695									
		Total						Total	

STATEMENT OF MATERIALS ACTUALLY PLACED THIS DATE

Description	Unit	Quantity
15 BAGS SIKA	15	BAG 61.5 LB
15 BOTTLED 1 gallon	15	gal

X Fidel Rodriguez
Contractor

[signature]
Inspector

by ____________
Signature and Title

____
Area Engineer

WHITE CAP®

White Cap, L.P.
PO Box 4944
Orlando, FL 32802-4944

Item: 999-WC04

BRANCH ADDRESS
585 - WC AUSTIN TX (RT)
(512) 927-4200
8013 EXCHANGE DRIVE
AUSTIN TX 78754

INVOICI

INVOICE NUMBER
50026694333
INVOICE DATE
05/17/2024
CUSTOMER PO NUMBER
10907-F0041

TO VIEW AND PAY ONLINE GO TO:
http://whitecap.billtrust.com
ENROLLMENT TOKEN:
MTP MVT DHV

TERRITORY:

MAKE CHECKS PAYABLE TO:
White Cap, L.P.
P.O. Box 4852
ORLANDO, FL 32802-4852

SOLD TO: 149609000

JAMES CONST GROUP
5880 W HWY 190
BELTON TX 76513

SHIP TO: 10004196953

CR366 JOB 10907
12365 US-79
TAYLOR TX 76574

ORDER DATE	ORDER NO.	ORDERED BY	ACCOUNT MANAGER	TAKEN BY
05/17/2024	59415418	GARY COUCH	MANCILL, RUSSELL S	FLORES, MATTHEW
BRANCH	**ACCT JOB NO.**	**TERMS**	**SHIP VIA / ROUTING**	**CUSTOMER JOB NO.**
585	10004196953	NET 30 DAYS	2. OUR TRUCK	CR366 JOB 1090

LINE	PART NUMBER	DESCRIPTION	QTY ORD	UNIT PRICE	QTY BKO	QTY SHP	EXTENDED PRICE	TAX AMT
0	HDRDESC	** DELIVERY TAG#: 29562393 **	1	0	0	1	0.00	
1	43818930	.51 CUFT SIKATOP 122 PLUS COMPLETE KIT (BAG AND JUG) SIKA	2	75.00 KIT	0	2	150.00	12.3

LOG PO - 52024

Cheryl Carpenter, 5/20/2024 8:56:53 AM

GARY IS WAITING ON PHASE CODE TO ENTER PO

Cheryl Carpenter, 5/21/2024 [illegible] AM

The White Cap Family of Brands includes All-Tex Waterproofing Solutions, Harmac, Kenseal, Marvel Building & Masonry Supply, MASONPRO, Williams Equipment & Supply, Valley Supply Co, and Diamond Tool. Learn more at About.WhiteCap.com

Pay your invoices online by visiting: https://whitecap.billtrust.com

Sales Tax Exemption Questions or Certificates: TaxExemptCredit@whitecap.com

THESE ITEMS ARE CONTROLLED BY THE U.S. GOVERNMENT AND AUTHORIZED FOR EXPORT ONLY TO THE COUNTRY OF ULTIMATE DESTINATION FOR USE BY THE ULTIMATE CONSIGNEE OR END-USER(S) HEREIN IDENTIFIED. THEY MAY NOT BE RESOLD, TRANSFERRED OR OTHERWISE DISPOSED OF TO ANY OTHER COUNTRY OR ANY PERSON OTHER THAN THE AUTHORIZED ULTIMATE CONSIGNEE OR END-USER(S), EITHER IN THEIR ORIGINAL FORM OR AFTER BEING INCORPORATED INTO OTHER ITEMS, WITHOUT FIRST OBTAINING APPROVAL FROM THE U.S. GOVERNMENT OR AS OTHERWISE AUTHORIZED BY U.S. LAW AND REGULATIONS.

For questions regarding this invoice please call 1-866-857-0295.

NO REFUNDS OR EXCHANGES ON NON STOCK MERCHANDISE
Visit https://www.whitecap.com/terms/terms-conditions-of-sale-terms to view complete terms and conditions.

TOTAL GROSS	150.0
TOTAL TAX	12.3
TOTAL SHIPPING AND HANDLING	0.0
TOTAL INVOICE	162.3

RECEIVED BY: KYLE OLDHAM SIGNATURE COPY ON FILE

WHITE CAP

White Cap, L.P.
PO Box 4944
Orlando, FL 32802-4944

Item: 999-WC04

BRANCH ADDRESS
713 - AUSTIN
(512) 389-3344
5811 TRADE CENTER DRIVE
BUILDING 10 SUITE 100
AUSTIN TX 78744
TRAVIS

INVOICI

INVOICE NUMBER
50026786658
INVOICE DATE
05/23/2024
CUSTOMER PO NUMBER
10906-F0119

TO VIEW AND PAY ONLINE GO TO:
http://whitecap.billtrust.com
ENROLLMENT TOKEN:
MTP MVT DHV

TERRITORY:

SOLD TO: 149609000

SHIP TO: 10004004592

MAKE CHECKS PAYABLE TO:
White Cap, L.P.
P.O. Box 4852
ORLANDO, FL 32802-4852

JAMES CONST GROUP
5880 W HWY 190
BELTON TX 76513

US 79 JOB 10906
12365 US-79
TAYLOR TX 76574

ORDER DATE	ORDER NO.	ORDERED BY	ACCOUNT MANAGER	TAKEN BY
05/22/2024	59512878	GARY COUCH	MANCILL, RUSSELL S	CANTU, DEANNA
BRANCH	**ACCT JOB NO.**	**TERMS**	**SHIP VIA / ROUTING**	**CUSTOMER JOB NO.**
713	10004004592	NET 30 DAYS	2. OUR TRUCK	US 79 JOB 1090

LINE	PART NUMBER	DESCRIPTION	QTY ORD	UNIT PRICE		QTY BKO	QTY SHP	EXTENDED PRICE	TAX AMT
0	HDRDESC	** DELIVERY TAG#: 29643012 SHIPPING NOTES: REPRINT ADDED LINE 11.1 **	1	0		0	1	0.00	
1	208CC944	19-1/2"X4" GOLD STANDARD ALUMINUM CONCRETE PLACER W/O HOOK - ASSEMBLED	2	36.85	EA	0	2	73.70	6.0
2	444BR11264	MED LEATHER DRIVER GLOVES BRIGADE NO ANSI NO EN388 TEST RATINGS	48	7.00	PR	0	48	336.00	27.7
3	444BR11265	LG LEATHER DRIVER GLOVES BRIGADE NO ANSI NO EN388 TEST RATINGS	48	7.00	PR	0	48	336.00	27.7
4	22334874M	MED BLACK MAXIFLEX ULTIMATE NITRILE PALM TOUCHSCREEN GLOVES ANSI ABRASION 4 EN388 (4131)	48	6.00	EA	0	48	288.00	23.7
5	22334874L	LG BLACK MAXIFLEX ULTIMATE NITRILE PALM TOUCHSCREEN GLOVES ANSI ABRASION 4 EN388 (4131)	48	6.00	EA	0	48	288.00	23.7
6	263S5820S	GRAY ITEK SAFETY GLASSES PYRAMEX	24	3.50	EA	0	24	84.00	6.9
7	332EE280420	4"X20' E/E 2-PLY FLAT EYES WEBMASTER 1600 NYLON WEB SLING LIFT-ALL	2	150.000	EA	0	2	300.00	24.7
9	324DCS380P1	20V MAX LITHIUM ION RECIPROCATING SAW KIT (5.0 AH) PERFORM AND PROTECT DEWALT	1	307.000	EA	0	1	307.00	25.3
10	444BR12627	LHSP TRANSFER STRONG STEP SHOVEL BRIGADE	1	20.60	EA	0	1	20.60	1.7
11	43818930	.51 CUFT SIKATOP 122 PLUS COMPLETE KIT (BAG AND JUG) SIKA	15	75.00	KIT	0	15	1,125.00	0.0

For questions regarding this invoice please call 1-866-857-0295.

NO REFUNDS OR EXCHANGES ON NON STOCK MERCHANDISE
Visit https://www.whitecap.com/terms/terms-conditions-of-sale-terms to view complete terms and conditions.

TOTAL GROSS	3,158.3
TOTAL TAX	167.7
TOTAL SHIPPING AND HANDLING	0.0
TOTAL INVOICE	3,326.0

RECEIVED BY: DALIMAR SIGNATURE COPY ON FILE

EquipmentWatch

Item: 999-WC04

www.equipmentwatch.com

All prices shown in US Dollars ($)

Rental Rate Blue Book®

February 12, 2024

Miscellaneous TOW 2 1 6
Non-Tilt Deck Utility Trailers

Size Class:
All
Weight:
4500 lbs

Configuration for TOW 2 1 6

Capacity	**6.0 t**	Hitch Type	**Tow**
Number Of Axles	**2.0**	Number Of Tires	**4.0**
Power Mode	**Manual**		

Blue Book Rates

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

	Ownership Costs				Estimated Operating Costs	FHWA Rate**
	Monthly	**Weekly**	**Daily**	**Hourly**	**Hourly**	**Hourly**
Published Rates	USD $260.00	USD $73.00	USD $18.00	USD $3.00	USD $1.40	USD $2.88
Adjustments						
Region (100%)	-	-	-	-		
Model Year (2024: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	**USD $260.00**	**USD $73.00**	**USD $18.00**	**USD $3.00**	**USD $1.40**	**USD $2.88**

Non-Active Use Rates

	Hourly
Standby Rate	USD $1.03
Idling Rate	USD $1.48

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	46%	USD $119.60/mo
Overhaul (ownership)	30%	USD $78.00/mo
CFC (ownership)	11%	USD $28.60/mo
Indirect (ownership)	13%	USD $33.80/mo

Fuel cost data is not available for these rates.

Revised Date: 1st quarter 2024

These are the most accurate rates for the selected Revision Date(s). However, due to more frequent online updates, these rates may not match Rental Rate Blue Book® Print. Visit the Cost Recovery Product Guide on our Help page for more information.

The equipment represented in this report has been exclusively prepared for Lindsey Bohanan (lbohanan@prim.com)

Item: 999-WC04

EquipmentWatch.

www.equipmentwatch.com

All prices shown in US Dollars ($)

Rental Rate Blue Book®

February 12, 2024

Ford SUPER DUTY F-250 LIMITED 4X4 DIESEL
Light Duty Trucks

Size Class:
2
Weight:
N/A

Configuration for SUPER DUTY F-250 LIMITED 4X4 DIESEL

Power Mode	**Diesel**	Wheelbase	**160 Inches**
Model Trim	**Limited**	Gross Vehicle Weight Rating	**10000 Pounds**

Blue Book Rates

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

	Ownership Costs				Estimated Operating Costs	FHWA Rate**
	Monthly	**Weekly**	**Daily**	**Hourly**	**Hourly**	**Hourly**
Published Rates	USD $5,455.00	USD $1,530.00	USD $385.00	USD $58.00	USD $29.27	USD $60.26
Adjustments						
Region (Texas: 98.1%)	(USD $103.64)	(USD $29.07)	(USD $7.32)	(USD $1.10)		
Model Year (2022: 98.59%)	(USD $75.34)	(USD $21.13)	(USD $5.32)	(USD $0.80)		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	**USD $5,276.01**	**USD $1,479.80**	**USD $372.37**	**USD $56.10**	**USD $29.27**	**USD $59.25**

Non-Active Use Rates

	Hourly
Standby Rate	USD $14.99
Idling Rate	USD $44.01

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	23%	USD $1,254.65/mo
Overhaul (ownership)	44%	USD $2,400.20/mo
CFC (ownership)	16%	USD $872.80/mo
Indirect (ownership)	17%	USD $927.35/mo
Fuel (operating) @ USD 4.15	47.93%	USD $14.03/hr

Revised Date: 1st quarter 2024

These are the most accurate rates for the selected Revision Date(s). However, due to more frequent online updates, these rates may not match Rental Rate Blue Book® Print. Visit the Cost Recovery Product Guide on our Help page for more information.

The equipment represented in this report has been exclusively prepared for Lindsey Bohanan (lbohanan@prim.com)

EquipmentWatch

Item: 999-WC04

www.equipmentwatch.com

All prices shown in US dollars ($)

Rental Rate Blue Book®

May 30, 2024

Miscellaneous GAS 1,500 W
Small Generator Sets

Size Class:
To 5,000 W
Weight:
N/A

Configuration for GAS 1,500 W

Horsepower	**3.5**	Power Mode	**Gasoline**
Prime Output	**1500.0 W**		

Blue Book Rates

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

	Ownership Costs				Estimated Operating Costs	FHWA Rate**
	Monthly	**Weekly**	**Daily**	**Hourly**	**Hourly**	**Hourly**
Published Rates	USD $49.00	USD $14.00	USD $4.00	USD $0.60	USD $1.69	USD $1.97
Adjustments						
Region (Texas: 98.5%)	(USD $0.74)	(USD $0.21)	(USD $0.06)	(USD $0.01)		
Model Year (2024: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	**USD $48.26**	**USD $13.79**	**USD $3.94**	**USD $0.59**	**USD $1.69**	**USD $1.96**

Non-Active Use Rates

	Hourly
Standby Rate	USD $0.14
Idling Rate	USD $1.31

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	44%	USD $21.56/mo
Overhaul (ownership)	29%	USD $14.21/mo
CFC (ownership)	12%	USD $5.88/mo
Indirect (ownership)	15%	USD $7.35/mo
Fuel (operating) @ USD 3.45	61.54%	USD $1.04/hr

Revised Date: 2nd quarter 2024

These are the most accurate rates for the selected Revision Date(s). However, due to more frequent online updates, these rates may not match Rental Rate Blue Book® Print. Visit the Cost Recovery Product Guide on our Help page for more information.

The equipment represented in this report has been exclusively prepared for Lindsey Bohanan (lbohanan@prim.com)

EquipmentWatch. **Item: 999-WC04**

www.equipmentwatch.com

All prices shown in US dollars ($)

Rental Rate Blue Book®

May 30, 2024

Miscellaneous P2-1/2
Hammer Drills

Size Class:
All
Weight:
35 lbs

Configuration for P2-1/2

Amps	**13.0**	Bit Capacity	**1/4' - 2-1/2'**
Bpm	**1600.0**	Power Mode	**Electric**
Type	**Percussion**		

Blue Book Rates

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

	Ownership Costs				Estimated Operating Costs	FHWA Rate**
	Monthly	**Weekly**	**Daily**	**Hourly**	**Hourly**	**Hourly**
Published Rates	USD $140.00	USD $39.00	USD $10.00	USD $2.00	USD $0.69	USD $1.49
Adjustments						
Region (Texas: 97.8%)	(USD $3.08)	(USD $0.86)	(USD $0.22)	(USD $0.04)		
Model Year (2024: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	**USD $136.92**	**USD $38.14**	**USD $9.78**	**USD $1.96**	**USD $0.69**	**USD $1.47**

Non-Active Use Rates

	Hourly
Standby Rate	USD $0.39
Idling Rate	USD $0.78

Rate Element Allocation

Element	**Percentage**	**Value**
Depreciation (ownership)	16%	USD $22.40/mo
Overhaul (ownership)	71%	USD $99.40/mo
CFC (ownership)	6%	USD $8.40/mo
Indirect (ownership)	7%	USD $9.80/mo

Fuel cost data is not available for these rates.

Revised Date: 2nd quarter 2024

These are the most accurate rates for the selected Revision Date(s). However, due to more frequent online updates, these rates may not match Rental Rate Blue Book® Print. Visit the Cost Recovery Product Guide on our Help page for more information.

The equipment represented in this report has been exclusively prepared for Lindsey Bohanan (lbohanan@prim.com)

EquipmentWatch **Item: 999-WC04**

www.equipmentwatch.com

All prices shown in US dollars ($)

Rental Rate Blue Book®

May 30, 2024

Miscellaneous 10.25D
Electric Circular Hand Saws

Size Class:
All
Weight:
19 lbs

Configuration for 10.25D

Amps	**12.0**	Depth Of Cut	**3-3/4'**
Power Mode	**Electric**		

Blue Book Rates

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

	Ownership Costs				Estimated Operating Costs	FHWA Rate**
	Monthly	**Weekly**	**Daily**	**Hourly**	**Hourly**	**Hourly**
Published Rates	USD $49.00	USD $14.00	USD $4.00	USD $0.60	USD $0.08	USD $0.36
Adjustments						
Region (Texas: 97.5%)	(USD $1.23)	(USD $0.35)	(USD $0.10)	(USD $0.01)		
Model Year (2024: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	**USD $47.78**	**USD $13.65**	**USD $3.90**	**USD $0.58**	**USD $0.08**	**USD $0.35**

Non-Active Use Rates

	Hourly
Standby Rate	USD $0.14
Idling Rate	USD $0.27

Rate Element Allocation

Element	**Percentage**	**Value**
Depreciation (ownership)	14%	USD $6.86/mo
Overhaul (ownership)	71%	USD $34.79/mo
CFC (ownership)	7%	USD $3.43/mo
Indirect (ownership)	8%	USD $3.92/mo

Fuel cost data is not available for these rates.

Revised Date: 2nd quarter 2024

These are the most accurate rates for the selected Revision Date(s). However, due to more frequent online updates, these rates may not match Rental Rate Blue Book® Print. Visit the Cost Recovery Product Guide on our Help page for more information.

The equipment represented in this report has been exclusively prepared for Lindsey Bohanan (lbohanan@prim.com)

INVOICE

CO#4 DIJ ADDED BID ITEMS

Date: 6/19/2024

Invoice #

Primoris Services Corporation
James Construction Group

Bill To:
HNTB- WILLIAMSON COUNTY

RE:
CR366
ASIF MIRZAZADA
22IFB138

Qty	UM	Description	Unit Price	Total
5,447.00	LF	(677-6001) - Elimination of Existing Pav Mrks (4")	$1.20	**$6,524.42**
2,456.00	LF	(662-6095) - WK ZN PAV MRK REMOV (Y)4"(SLD)	$0.99	**$2,421.12**
2,986.00	LF	(662-6063) - WK ZN PAV MRK REMOV (W)4"(SLD)	$0.99	**$2,943.60**
		PREPARED BY: GARY COUCH		
			Total	**$11,889.14**

To:	James Construction Group LLC 350 Highland Dr, Suite 200 Lewisville, TX 75067	Application No:	2
		Invoice No:	2253-2
		Invoice Date:	6/20/2024
		Terms:	Net 30
		Due Date:	7/20/2024
From:	D.I.J. Construction, Inc. P.O. Box 1609 2332 County Road 252 Bertram, TX 78605 (512) 355-2766	Period To:	6/20/2024
		Project No:	2253
		Contract Date:	8/31/2022

For:

Contract Sum	76,460.28
Completed to Date	13,222.03
Retainage	1,322.21
Total Earned less Retainage	11,899.82
Previous Billings	1,805.27
Current Payment Due	10,094.55
Sales Tax	0.00
Total Due	10,094.55

Item No.	Description	Scheduled Quantity		Unit Price	Scheduled Total	Completed Units	Completed Total	Quantity this estimate	Due This Estimate
112	WK ZN PAV MRK NON-REMOV (W)4"(SLD)	43,541	LF	0.31	13,497.71	0	0.00	0	0.00
113	WK ZN PAV MRK NON-REMOV (W)24"(SLD)	37	LF	15.00	555.00	0	0.00	0	0.00
114	WK ZN PAV MRK NON-REMOV (Y)4"(SLD)	47,531	LF	0.31	14,734.61	5,606	1,737.86	0	0.00
115	REFL PAV MRK TY I (W)4"(DOT)(100MIL)	370	LF	1.50	555.00	0	0.00	0	0.00
116	REFL PAV MRK TY I (W)8"(SLD)(100MIL)	5,934	LF	2.00	11,868.00	0	0.00	0	0.00
117	REFL PAV MRK TY I (W)12"(SLD)(100MIL)	261	LF	5.35	1,396.35	0	0.00	0	0.00
118	REFL PAV MRK TY I (W)24"(SLD)(100MIL)	238	LF	9.20	2,189.60	0	0.00	0	0.00
119	REFL PAV MRK TY I (W)(ARROW)(100MIL)	53	EA	100.00	5,300.00	0	0.00	0	0.00
120	REFL PAV MRK TY I(W)(LNDP ARW)(100MIL)	2	EA	250.00	500.00	0	0.00	0	0.00
121	REFL PAV MRK TY I (W)(WORD)(100MIL)	19	EA	120.00	2,280.00	0	0.00	0	0.00
122	REFL PAV MRK TY I (Y)12"(SLD)(100MIL)	1,136	LF	5.05	5,736.80	0	0.00	0	0.00
123	REFL PAV MRK TY II (W) 4" (BRK)	1,412	LF	0.15	211.80	0	0.00	0	0.00
124	REFL PAV MRK TY II (W) 4" (SLD)	30,443	LF	0.14	4,262.02	0	0.00	0	0.00
125	REFL PAV MRK TY II (Y) 4" (BRK)	3,710	LF	0.15	556.50	0	0.00	0	0.00
126	REFL PAV MRK TY II (Y) 4" (SLD)	30,121	LF	0.14	4,216.94	0	0.00	0	0.00
127	REFL PAV MRKR TY I-C	268	EA	14.00	3,752.00	0	0.00	0	0.00
128	REFL PAV MRKR TY II-A-A	1,178	EA	4.00	4,712.00	67	268.00	0	0.00
129	PAV SURF PREP FOR MRK (4")	6,200	LF	0.01	62.00	0	0.00	0	0.00
130	PAV SURF PREP FOR MRK (8")	1,730	LF	0.02	34.60	0	0.00	0	0.00
131	PAV SURF PREP FOR MRK (12")	259	LF	0.05	12.95	0	0.00	0	0.00
132	PAV SURF PREP FOR MRK (24")	114	LF	0.10	11.40	0	0.00	0	0.00
133	PAV SURF PREP FOR MRK (ARROW)	9	EA	1.00	9.00	0	0.00	0	0.00
134	PAV SURV PREP FOR MRK (WORD)	6	EA	1.00	6.00	0	0.00	0	0.00
CO1	WK ZN PAV MRK REMOV (Y)4"(SLD)	0	LF	0.93	0.00	2,456	2,284.08	2,456	2,284.08

Item No.	Description	Scheduled Quantity	Unit Price	Scheduled Total	Completed Units	Completed Total	Quantity this estimate	Due This Estimate
CO2	WK ZN PAV MRK REMOV (W)4"(SLD)	0 LF	0.93	0.00	2,986	2,776.98	2,986	2,776.98
CO3	ELIMINATE EXIST PAV MRK 4"	0 LF	1.13	0.00	5,447	6,155.11	5,447	6,155.11

				76,460.28		**13,222.03**		**11,216.17**

INVOICE

Date: 8/19/2024

Invoice #

PSC
Primoris Services Corporation
James Construction Group

Bill To:
HNTB- WILLIAMSON COUNTY

RE:
CR366
ASIF MIRZAZADA
22IFB138

Item 999-WC05 1.00	EA	WOOLERY - ADDITIONAL - MOBILIZATION - GUARDRAIL END TREATMENT	$1,045.00	**$1,045.00**
Item 999-WC06 1.00	EA	WOOLERY - ADDITIONAL - GUARDRAIL END TREATMENT	$4,583.70	**$4,583.70**
				$5,628.70

~~Item 999 WC01~~

WOOLERY CUSTOM FENCE CO.
P.O. BOX 986
ELGIN, TX 78621

PROPOSAL

DATE	PROPOSAL #
8/8/2024	15253

NAME / ADDRESS
James Construction Group, LLC 5880 US-190 Frontage Rd Suite 100 Belton, Texas 76513 p. (254) 939-8610 e. est.txh@prim.com

P.O.# or W.O.#	ATTN:	PROJECT
	Estimating	Williamson County CR 366

DESCRIPTION	QTY	TOTAL
CHANGE ORDER #1 - RFI #38		
--		
~~[illegible]~~	~~[illegible]~~	~~[illegible]~~
ADD: GUARDRAIL END TREATMENT -- (EA)	1	4,167.00
ADD: MOBILIZATION -- (EA)	1	950.00
Proposal Based on (1) Mobilization		
Each additional mobilization = $950.00		

** DUE TO MATERIAL VOLATILITY, WOOLERY CUSTOM FENCE MAY NOT BE ABLE TO HOLD PRICES AFTER 14 DAYS FROM PROPOSAL DATE. CALL FOR REVISED PRICING IF SENDING CONTRACT AFTER THE 14 DAYS. **

[ROCK CLAUSE]
Rock Drilling is not included. If we hit rock additional charges of $25.00 per hole will apply and are not included in the proposal.

[EXCLUSIONS]
Survey, Grounding, Signs, Paint, Stain, Grubbing, Clearing, Removal, Sleeves, SonoTubes, Coring, & Mow Strips by Other.

[NOTE]
WCF will not be responsible for other underground utilities not marked by TX 811 ONE CALL.

[PROPOSAL NOTE]
This is a proposal only. It is not a contract with Woolery Custom Fence Co. until it has been signed by the Customer, returned to Woolery Custom Fence Co., and signed by a representative of Woolery Custom Fence Co.

** Minority Certification #'s**
WBE & DBE Code -- WOO7143440
Texas HUB VID # - 1742794088100

TOTAL: ~~$8,795.15~~

SIGNATURE: ______________________________

Phone #	Fax #	E-mail	Web Site
512-281-2186	512-233-5396	bids@wooleryfence.com	www.wooleryfence.com

Item 999-WC07

INVOICE

CO#007 - ATS CR 366 REMOVE SIGNAL HEAD

Date: 10/17/2024

Invoice #

Primoris Services Corporation
James Construction Group

Bill To:
HNTB- WILLIAMSON COUNTY

RE:
CR366
ASIF MIRZAZADA
22IFB138

Qty	UM	Description	Unit Price	Total
1.00	**LS**	**ATS CR 366 REMOVE SIGNAL HEAD**	**$208.00**	**$1,383.76**
		PREPARED BY: GARY COUCH		
			Total	**$1,383.76**

Item 999-WC07

AUSTIN TRAFFIC SIGNAL CONSTRUCTION COMPANY, INC.

P.O. Box 130
Round Rock, Texas 78680

Ph. (512) 255-9951
Fax (512) 255-0146

October 17, 2024

CHANGE ORDER PROPOSAL

HIGHWAY: **CR 366**
COUNTY: **WILLIAMSON**
ACKNOWLEDGE ADDENDUM 1 & 2

Item No.	Desc. Code	Bid Item Description	Unit of Measure	Approx. Quantities	Unit Bid Price	Amount
9000	682	REMOVE NEAR SIDE HEAD - PLE MOUNTED	EA	1	$1,300.00	$1,300.00
		SIGNAL HEAD REMOVAL	EA	1	$500.00	$500.00
		TRAFFIC CONTROL	LS	1	$800.00	$800.00
		Total Bid Amount				**$1,300.00**

Edward Schroeder 512-255-9951 ext 114

Item 999-WC08-WC08

INVOICE

Added Roadway Signs & Missing Relocate sign

Date: 9/6/2024

Invoice #

Primoris Services Corporation
James Construction Group

Bill To:
HNTB- WILLIAMSON COUNTY

RE:
CR366
ASIF MIRZAZADA
22IFB138

1.00	EA	SIGN 1 (PLAN SHEET 278) MISSING RELOCAED SIGN)	$ 248.09	**$248.09**
1.00	ES	IN SM RD SN SUP&AM TY10BWG(1)SA(P-BM) - STOP SIGN AND BLADES @ PIOVT RD.	$ 1,347.37	**$1,347.37**
1.00	EA	IN SM RD SN SUP&AM TY10BWG(1)SA(T) (SIGNAL SIGH AHEAD)	$ 1,346.81	**$1,346.81**
1.00	EA	MATERIAL SALE 36"X36" SIGN PANELS	$ 123.07	**$123.07**
1.00	EA	IN SM RD SN SUP&AM (INST SIGN ONLY) - FIRE STATION NEW FACING DIRECTION	$ 366.87	**$366.87**
			Total	**$3,432.22**

CHANGE ORDER PROPOSAL

ROADWAY SPECIALTIES, INC.

P.O. Box 90309, Austin, Texas 78709

Member AGC/ACEA **Certified DBE/HUB**

Contact: **Jim Brummer**

Phone: **512-280-666**

Email: **Estimating@roadwayspecialties.com**

County:	WILLIAMSON	Highway:	CR 366
Control #:	0320-04-028	Bid Date:	09/11/2024
Project #:	22IFB138	Days:	
Length (MI):	2.751 MI	RSI Job #:	6019
Work:	ROAD CONST AND WI	Proposal #:	230405CO-5
Engineer:	GLENN G. GREGORY	Orig. Letting Date:	08/31/22
Engineer PH #:			

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0644 6002	IN SM RD SN SUP&AM TY10BWG(1)SA(P-BM)	1.00	EA	1,161.53	1,161.53

GRAND TOTAL **$1,161.53**

NOTES:

*All notes and exclusions from the contract apply.
*Above unit pricing is valid for 30 days.

Approval Signature:________________________________

Item 999-WC0808

CHANGE ORDER PROPOSAL

ROADWAY SPECIALTIES, INC.

P.O. Box 90309, Austin, Texas 78709

Member AGC/ACEA **Certified DBE/HUB**

Contact: **Jim Brummer**

Phone: **512-280-666**

Email: **Estimating@roadwayspecialties.com**

County: WILLIAMSON
Control #: 0320-04-028
Project #: 22IFB138
Length (MI): 2.751 MI
Work: ROAD CONST AND WI
Engineer: GLENN G. GREGORY
Engineer PH #:

Highway: CR 366
Bid Date: 07/10/2024
Days:
RSI Job #:
Proposal #: 230405CO-1R
Orig. Letting Date: 08/31/22

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0644 6001	IN SM RD SN SUP&AM TY10BWG(1)SA(P)	-3.00	EA	720.46	-2,161.38
0644 6004	IN SM RD SN SUP&AM TY10BWG(1)SA(T)	3.00	EA	1,161.04	3,483.12
0644 60011	MATERIAL SALE 36" X 36" SIGN PANELS	1.00	EA	318.29	318.29

GRAND TOTAL **$1,640.03**

NOTES:

*All notes and exclusions from the contract apply.
*Above unit pricing is valid for 30 days.

Approval Signature:_______________________________

CHANGE ORDER PROPOSAL

ROADWAY SPECIALTIES, INC.

P.O. Box 90309, Austin, Texas 78709

Member AGC/ACEA **Certified DBE/HUB**

Contact: **Jim Brummer**

Phone: **512-280-666**

Email: **Estimating@roadwayspecialties.com**

County:	WILLIAMSON	Highway:	CR 366
Control #:	0320-04-028	Bid Date:	08/22/2024
Project #:	22IFB138	Days:	
Length (MI):	2.751 MI	RSI Job #:	
Work:	ROAD CONST AND WI	Proposal #:	230405CO-3
Engineer:	GLENN G. GREGORY	Orig. Letting Date:	08/31/22
Engineer PH #:			

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0644 6067	IN SM RD SN SUP&AM (INST SIGN ONLY)	3.00	EA	213.87	641.61

GRAND TOTAL **$641.61**

NOTES:

*All notes and exclusions from the contract apply.
*Above unit pricing is valid for 30 days.

Approval Signature:________________________________

CHANGE ORDER PROPOSAL

ROADWAY SPECIALTIES, INC.

P.O. Box 90309, Austin, Texas 78709

Member AGC/ACEA **Certified DBE/HUB**

Contact: **Jim Brummer**

Phone: **512-280-666**

Email: **Estimating@roadwayspecialties.com**

County:	WILLIAMSON	Highway:	CR 366
Control #:	0320-04-028	Bid Date:	09/23/2024
Project #:	22IFB138	Days:	
Length (MI):	2.751 MI	RSI Job #:	6019
Work:	ROAD CONST AND WI	Proposal #:	230405CO-6
Engineer:	GLENN G. GREGORY	Orig. Letting Date:	08/31/22
Engineer PH #:			

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0644 6067	IN SM RD SN SUP&AM (INST SIGN ONLY)	1.00	EA	316.27	316.27

GRAND TOTAL **$316.27**

NOTES:

*All notes and exclusions from the contract apply.
*Above unit pricing is valid for 30 days.

Approval Signature:________________________________

Item 999-WC09

INVOICE

Ameritex Pipe & Proucts - Restocking Fee & Freight

Date: 9/6/2024

Invoice #

Primoris Services Corporation

James Construction Group

Bill To:
HNTB- WILLIAMSON COUNTY

RE:
CR366
ASIF MIRZAZADA
22IFB138

1.00	LS	Ameritex Pipe & Proucts - Restocking Fee & Freight	$1,893.16	**$1,893.16**
			Total	**$1,893.16**

Item 999-WC09

James Construction Group

Force Account Work - Justin Driveway Repair

Date:	9/6/2024	**Project:**	CR 366	**County:**	Williamson
CO Pricing Good For:	45 days	**Control:**	22IFB138	**Highway:**	CR 366

Description: **Force Account -Pothole Repair**

Estimated Qty: 1 LS

Estimated Change in Contract Sum: $ 1,893.16

Narrative: Force Account is for the restocking fee for the RCP pipe that was prushure for Driveway 29 and Driveway 1 which was removed for the plans.

Labor		Reg Hrs	OT Hrs	UM	Reg Rate	OT Rate (x1.5)	Extended
	[redacted]		0	HR		$ -	$ -
			0	HR		$ -	$ -
			0	HR		$ -	$ -
			0	HR		$ -	$ -
			0	HR		$ -	$ -
						Subtotal	$ -
						55% Burdens	$ -
						15% Markup	$ -
						Total Labor	**$ -**

Equipment		QTY	UM	Rate	Extended
	[redacted]				$ -
					$ -
					$ -
					$ -
					$ -
				Subtotal	$ -
				15% Markup	$ -
				Total Equipment	**$ -**

Subcontractors		QTY	UM	Price	Extended
Ameritex Pipe & Proucts - Restocking Fee & Freight	[redacted]	1.00	LS	$ 1,646.23	$ 1,646.23
				Subtotal	$ 1,646.23
				15% Markup	$ 246.93
				Total Subcontract	**$ 1,893.16**

Material		QTY	UM		Extended
	[redacted]				$ -
					$ -
				Subtotal	$ -
				15% Markup	$ -
				Total Material	**$ -**

Miscellaneous		QTY	UM	Price	Extended
	[redacted]				$ -
					$ -
				Subtotal	$ -
				15% Markup	
				Total Miscellaneous	**$ -**

TOTAL COST	**$ 1,893.16**

UNIT PRICE (TOTAL COST/EST. QTY) $ 1,893.16

Item 999-WC09

AmeriTex Pipe & Products LLC

AmeriTex Pipe & Products LLC
4001 E U.S. Hwy 90
Seguin, TX 78155
Phone: (830) 372-2300
Fax: (830) 372-2303

CREDIT MEMO 279292

Invoice Date: 8/29/2024

Office

Seguin Pipe & Box

Sold to: JAMES CONSTRUC
James Construction Group
5880 W US Hwy 190
Belton, TX 76513

Job Number: 23-17873
Ship to: Williamson CR 366
Williamson CR 366
Taylor, Texas

Original Invoice

SHIP DATE	SHIP VIA	F.O.B.	TERMS	PAGE
8/29/2024			NET 30	1
CUSTOMER PO#	**LOAD**	**SALES REP**	**EXEMPT #**	**REFERENCE**
10907-02	0	2009	exempt	279292

RMA 2703 - OVER ORDERED
BOL 201863 168723 249942
INV 202961 169573 250414

Qty	Item	Description	Weight	Unit Price	TX	Extension
	Structure:					
1	02	Restocking Fee	0	$646.23	☐	$646.23
1	01	Freight	0	$1,000.00	☐	$1,000.00
				Structure Total		$1,646.23
	Structure:	**RCP**				
-56	83T24	24" x 8' CL3 T&G RCP	-15,534	$41.60	☐	($2,329.60)
-4	745T24	24" x 4' CL5 T&G RCP @ CL4 PRICE	-1,125	$52.65	☐	($210.60)
				Structure Total		($2,540.20)
	Structure:	**RCP1**				
-40	85T18	18" x 8' CL5 T&G RCP	-7,093	$44.20	☐	($1,768.00)
				Structure Total		($1,768.00)
		Total Weight	-23,753			

Taxable	$0.00
Non-Taxable	($2,661.97)
Sub Total	($2,661.97)
Tax	$0.00
Invoice Total	($2,661.97)
Less Deposit	$0.00
Invoice Balance	($2,661.97)

Payment Remittance:
AmeriTex Pipe & Products, LLC
PO Box 845155
Dallas, TX 75284-5155

PLEASE DIRECT ALL INVOICE/CREDIT-MEMO/STATEMENT INQUIRIES/REQUESTS TO ar@ameritexpipe.com

Item 999-WC10

INVOICE

Date: 9/18/2024

Invoice #

Primoris Services Corporation
James Construction Group

Bill To:
HNTB- WILLIAMSON COUNTY

RE:
CR366
ASIF MIRZAZADA
22IFB138

Qty	UM	Description	Unit Price	Total
1.00	LS	AT&T Com Line Pothole 7.22.2024	$4,694.30	**$4,694.30**
		PREPARED BY: JOSH HAZLEWOOD		
			Total	**$4,694.30**

Item 999-WC10

James Construction Group

Force Account Work - Driveway Widening

Date: 7/22/20024
CO Pricing Good For: 45 days

Project: CR 366
Control: 22IFB138

County: Williamson
Highway: CR 366

Description: **AT&T Fiber Line - Pot Hole**
Estimated Qty: 1 LS
Estimated Change in Contract Sum: $ 4,694.30

Narrative: Force account work performed along old existing Carlos G. Parker to Pot Hole AT&T Com Line Utility on 7/22/2024. AT&T Com Line needing located and depth identified in order to excavate ditch lines.

Labor	[redacted]	Reg Hrs	OT Hrs	UM	Reg Rate	OT Rate (x1.5)	Extended
			0	HR			$ -
			0	HR			$ -
				HR		$ -	$ -
				HR		$ -	$ -
				HR		$ -	$ -
						Subtotal	$ -
						55% Burdens	$ -
						15% Markup	$ -
						Total Labor	**$ -**

Equipment	[redacted]	QTY	UM	Rate	Extended
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
				Subtotal	$ -
				15% Markup	$ -
				Total Equipment	**$ -**

Subcontractors	[redacted]	QTY	UM	Price	Extended
Badger (Pothole Fiber Line) 7/22/2024		1.00	LS	$ 4,082.00	$ 4,082.00
				Subtotal	$ 4,082.00
				15% Markup	$ 612.30
				Total Subcontract	**$ 4,694.30**

Material	[redacted]	QTY	UM	Price	Extended
					$ -
					$ -
					$ -
				Subtotal	$ -
				15% Markup	$ -
				Total Material	**$ -**

Miscellaneous	[redacted]	QTY	UM	Price	Extended
					$ -
					$ -
				Subtotal	$ -
				15% Markup	
				Total Miscellaneous	**$ -**

TOTAL COST	**$ 4,694.30**

UNIT PRICE (TOTAL COST/EST. QTY) **$ 4,694.30**

BADGER

Item 999-WC10

Invoice Number	2723155
Invoice Date	07-25-2024
Payment Terms	30 Net
Amount Due	**$ 4,082.00**

BILL TO

JAMES CONSTRUCTION GROUP LLC
5880 W HWY 190, SUITE 100
Belton, TX 76513

REMIT TO

Badger Daylighting Corp
PO Box 95000
LB# 1627
Philadelphia, PA 19195-0001
Bank Routing #: 026013673
Account #: 03248177952

Customer Number	PO/Work Order	AFE/Job	Badger Sales Area
8881167	Job 10908-F0142	Job 10908-F0142	40029

Service Date	Ticket #	Unit #	Item Description	Qty	Unit of Measure	Unit Price	Amount
07-22-2024	TKT-072124-1258161	2258	Disposition	1	Each	200.00	200.00
07-22-2024	TKT-072124-1258161	2258	Badger Hydrovac With Operator	8	Hour	290.33	2,322.64
07-22-2024	TKT-072124-1258161	2258	Supply Water	1	Each	116.60	116.60
07-22-2024	TKT-072124-1258161	2258	Fluctuating Fuel Recovery	1	Each	320.48	320.48
07-22-2024	TKT-072124-1258161	2258	Consumable Materials	1	Each	29.15	29.15
07-22-2024	TKT-072124-1258161	2258	Support Truck	1	Day	291.50	291.50
07-22-2024	TKT-072124-1258161	2258	Badger Hydrovac With Operator Overtime	2.5	Hour	320.65	801.63
						Total Due(USD)	4,082.00

For your convenience, Badger accepts payment in multiple forms including check, ACH, EFT, and certain credit cards. To the extent permitted by applicable law, payments made by credit card are subject to a surcharge equal to 3% of the transaction amount (or the highest percentage permitted by applicable law, if less than 3%). Please see attached tickets for additional detail. Please direct all invoicing inquiries to accountsreceivable@badgerinc.com or (877) 322-3437 and remittances to remittance@badgerinc.com

Item 999-WC10

BADGER DAYLIGHTING™

Badger Contact Info: 108 NXNE Drive
Hutto, TX 78634

JAMES CONSTRUCTION GROUP LLC
5880 W HWY 190, SUITE 100
Belton, TX, 76513

Ticket Number: TKT-072124-1258161
Ticket Date: 07-22-2024
Job Number: SR0000539102
Paper Ticket #:

Title: JAMES CONSTRUCTION GROUP LLC Culvert Cleanout 10907 - 06-17-2024 10:19 AM
PO/WO #:
Site Location: 2450 Old County Road Taylor, TX, 76574-4915
AFE/JOB #: Job 10908-F0142
Phone: 254 3461102

Requesters Name:
Cost Centre/GL:
Major/Minor:
Rig/Well Pad #:
Job Name:
User/Approver ID:
Other Order #:

This is not an invoice
Total subject to change based on taxes, fees and other charges.

Item	Item Description	Unit #	Quantity	Rate	UOM	Amount
Badger Hydrovac With Operator	Port To Port	2258	8	$290.33	HR	$2322.64
Badger Hydrovac With Operator Overtime	If Port to Port Time Exceeds 8 Hours Per Day	2258	2.5	$320.65	HR	$801.63
Consumable Materials	Per Operator/Per Day	2258	1	$29.15	EA	$29.15
Supply Water	Provided Onsite By Customer After First Load (With Water Truck)	2258	1	$116.60	EA	$116.60
Support Truck	Required For Additional Operator/Remote Hose	2258	1	$291.50	DAY	$291.50
Disposition	Provided Onsite By Customer (200.00 Per Load If Not Provided)	2258	1	$200.00	EA	$200.00
Fluctuating Fuel Recovery		2258			EA	$320.48

Notes:

Ticket Total: $4082.00

Approved By:

Item 999-WC11

INVOICE

CO#4 DIJ ADDED BID ITEMS

Date: 10/10/2024

Invoice #

Primoris Services Corporation
James Construction Group

Bill To:
HNTB- WILLIAMSON COUNTY

RE:
CR366
ASIF MIRZAZADA
22IFB138

Qty	UM	Description	Unit Price	Total
709.00	LF	(677-6001) - Elimination of Existing Pav Mrks (4")	$1.20	**$849.24**
		PREPARED BY: GARY COUCH		
			Total	**$849.24**

To: James Construction Group LLC
350 Highland Dr, Suite 200
Lewisville, TX 75067

Item 999-WC11

Application No:	2
Invoice No:	2253-2
Invoice Date:	6/20/2024
Terms:	Net 30
Due Date:	7/20/2024
Period To:	6/20/2024
Project No:	2253
Contract Date:	8/31/2022

From: D.I.J. Construction, Inc.
P.O. Box 1609
2332 County Road 252
Bertram, TX 78605
(512) 355-2766

For:

Contract Sum	76,460.28
Completed to Date	13,222.03
Retainage	1,322.21
Total Earned less Retainage	11,899.82
Previous Billings	1,805.27
Current Payment Due	10,094.55
Sales Tax	0.00
Total Due	10,094.55

Item 999-WC11

Item No.	Description	Scheduled Quantity		Unit Price	Scheduled Total	Completed Units	Completed Total	Quantity this estimate	Due This Estimate
112	WK ZN PAV MRK NON-REMOV (W)4"(SLD)	43,541	LF	0.31	13,497.71	0	0.00	0	0.00
113	WK ZN PAV MRK NON-REMOV (W)24"(SLD)	37	LF	15.00	555.00	0	0.00	0	0.00
114	WK ZN PAV MRK NON-REMOV (Y)4"(SLD)	47,531	LF	0.31	14,734.61	5,606	1,737.86	0	0.00
115	REFL PAV MRK TY I (W)4"(DOT)(100MIL)	370	LF	1.50	555.00	0	0.00	0	0.00
116	REFL PAV MRK TY I (W)8"(SLD)(100MIL)	5,934	LF	2.00	11,868.00	0	0.00	0	0.00
117	REFL PAV MRK TY I (W)12"(SLD)(100MIL)	261	LF	5.35	1,396.35	0	0.00	0	0.00
118	REFL PAV MRK TY I (W)24"(SLD)(100MIL)	238	LF	9.20	2,189.60	0	0.00	0	0.00
119	REFL PAV MRK TY I (W)(ARROW)(100MIL)	53	EA	100.00	5,300.00	0	0.00	0	0.00
120	REFL PAV MRK TY I(W)(LNDP ARW)(100MIL)	2	EA	250.00	500.00	0	0.00	0	0.00
121	REFL PAV MRK TY I (W)(WORD)(100MIL)	19	EA	120.00	2,280.00	0	0.00	0	0.00
122	REFL PAV MRK TY I (Y)12"(SLD)(100MIL)	1,136	LF	5.05	5,736.80	0	0.00	0	0.00
123	REFL PAV MRK TY II (W) 4" (BRK)	1,412	LF	0.15	211.80	0	0.00	0	0.00
124	REFL PAV MRK TY II (W) 4" (SLD)	30,443	LF	0.14	4,262.02	0	0.00	0	0.00
125	REFL PAV MRK TY II (Y) 4" (BRK)	3,710	LF	0.15	556.50	0	0.00	0	0.00
126	REFL PAV MRK TY II (Y) 4" (SLD)	30,121	LF	0.14	4,216.94	0	0.00	0	0.00
127	REFL PAV MRKR TY I-C	268	EA	14.00	3,752.00	0	0.00	0	0.00
128	REFL PAV MRKR TY II-A-A	1,178	EA	4.00	4,712.00	67	268.00	0	0.00
129	PAV SURF PREP FOR MRK (4")	6,200	LF	0.01	62.00	0	0.00	0	0.00
130	PAV SURF PREP FOR MRK (8")	1,730	LF	0.02	34.60	0	0.00	0	0.00
131	PAV SURF PREP FOR MRK (12")	259	LF	0.05	12.95	0	0.00	0	0.00
132	PAV SURF PREP FOR MRK (24")	114	LF	0.10	11.40	0	0.00	0	0.00
133	PAV SURF PREP FOR MRK (ARROW)	9	EA	1.00	9.00	0	0.00	0	0.00
134	PAV SURV PREP FOR MRK (WORD)	6	EA	1.00	6.00	0	0.00	0	0.00
CO1	WK ZN PAV MRK REMOV (Y)4"(SLD)	0	LF	0.93	0.00	2,456	2,284.08	2,456	2,284.08

Item No.	Description	Scheduled Quantity	Unit Price	Scheduled Total	Completed Units	Completed Total	Quantity this estimate	Due This Estimate
CO2	WK ZN PAV MRK REMOV (W)4"(SLD)	0 LF	0.93	0.00	2,986	2,776.98	2,986	2,776.98
CO3	ELIMINATE EXIST PAV MRK 4"	0 LF	1.13	0.00	5,447	6,155.11	5,447	6,155.11
				76,460.28		**13,222.03**		**11,216.17**

From:	Oscar Salazar-Bueno
To:	Garett Sartin
Cc:	Steven Shull; 61272_CR366(ChandlertoCarlosGParker); Eddie R. Church
Subject:	FW: CR366_Submittal #161_Time Impact Analysis_22IFB138-CR366 - Oncor Utility Delay
Date:	Wednesday, January 22, 2025 2:19:20 PM
Attachments:	image006.jpg image007.png image008.png image009.png image010.png image011.png

FYI.

Oscar

From: Kyle Oldham <koldham@prim.com>
Sent: Wednesday, January 22, 2025 12:17 PM
To: Oscar Salazar-Bueno <osalazarbueno@HNTB.com>; Asif Mirzazada <amirzazada@hntb.com>
Cc: 61272_CR366(ChandlertoCarlosGParker) <61272_CR366?ChandlertoCarlosGParker?@HNTB.com>; Brian Chaffe <bchaffe@prim.com>; Gary Couch <gcouch@prim.com>; Dalimar Rosario <drosario@prim.com>; Kayla Williams <kwilliams@prim.com>; Joey Williams <JoeyWilliams@prim.com>; Christen Eschberger <ceschberger@HNTB.com>
Subject: RE: CR366_Submittal #161_Time Impact Analysis_22IFB138-CR366 - Oncor Utility Delay

Oscar-
JCG agrees with your markups. Thanks.

Kyle Oldham
Project Manager
12365 US 79 S.
Taylor, TX 76574
O: (254) 939-8610
C: (512) 966-3922
www.prim.com

PSC_Email_2016

"No business objective is so important that it will be pursued at the sacrifice of safety."

From: Oscar Salazar-Bueno <osalazarbueno@HNTB.com>
Sent: Tuesday, January 21, 2025 4:12 PM
To: Kyle Oldham <koldham@prim.com>; Asif Mirzazada <amirzazada@hntb.com>
Cc: 61272_CR366(ChandlertoCarlosGParker) <61272_CR366?ChandlertoCarlosGParker?@HNTB.com>; Brian Chaffe <bchaffe@prim.com>; Gary Couch <gcouch@prim.com>; Dalimar Rosario <drosario@prim.com>; Kayla Williams <kwilliams@prim.com>; Joey Williams <JoeyWilliams@prim.com>; Christen Eschberger <ceschberger@HNTB.com>
Subject: RE: CR366_Submittal #161_Time Impact Analysis_22IFB138-CR366 - Oncor Utility Delay

Kyle,

See marked up letter, I will seek approval for the inefficiency request up to the amount of $10,307.15. This figure plus the agreed upon TIA/Extended OH compensation of $156,671.72, matches JCG's original request of $166,978.87. Upon the approval of the Commissioner office, we will create an item in the balancing change order to include this compensation.

Please let me know if you have any questions.

Thanks,

Oscar Salazar-Bueno, PE
Sr. Resident Engineer
Williamson County Road Bond Program
Tel (512) 527-6734 **Mobile** (737) 237-3581 **Email** osalazarbueno@hntb.com

HNTB CORPORATION
101 E. Old Settlers Blvd., Ste. 225 | Round Rock, TX 78664 | hntb.com

From: Kyle Oldham <koldham@prim.com>
Sent: Tuesday, January 21, 2025 3:35 PM
To: Oscar Salazar-Bueno <osalazarbueno@HNTB.com>; Asif Mirzazada <amirzazada@hntb.com>

Cc: 61272_CR366(ChandlertoCarlosGParker) <61272_CR366?ChandlertoCarlosGParker?@HNTB.com>; Brian Chaffe <bchaffe@prim.com>; Gary Couch <gcouch@prim.com>; Dalimar Rosario <drosario@prim.com>; Kayla Williams <kwilliams@prim.com>; Joey Williams <JoeyWilliams@prim.com>
Subject: RE: CR366_Submittal #161_Time Impact Analysis_22IFB138-CR366 - Oncor Utility Delay

Oscar-
Please see the attached letter and MM Analysis. Upon approval, this will conclude JCG's recovery claim on the CR366 Project.

Feel free to reach out if you need additional information.

Thanks.

Kyle Oldham
Project Manager
12365 US 79 S.
Taylor, TX 76574
O: (254) 939-8610
C: (512) 966-3922
www.prim.com

PSC_Email_2016

"No business objective is so important that it will be pursued at the sacrifice of safety."

From: Kyle Oldham
Sent: Thursday, January 16, 2025 2:29 PM
To: Oscar Salazar-Bueno <osalazarbueno@HNTB.com>; Asif Mirzazada <amirzazada@hntb.com>
Cc: 61272_CR366(ChandlertoCarlosGParker) <61272_CR366?ChandlertoCarlosGParker?@HNTB.com>; Brian Chaffe <bchaffe@prim.com>
Subject: RE: CR366_Submittal #161_Time Impact Analysis_22IFB138-CR366 - Oncor Utility Delay

Oscar-
We are in agreement with the TIA and $156,671.72. As discussed in our in person meeting at

your office to get to the $167K total amount we would submit an inefficiency claim to make up the difference. Brian and I will be submitting that shortly now that we have agreed on the TIA.

Thanks!

From: Oscar Salazar-Bueno <osalazarbueno@HNTB.com>
Sent: Thursday, January 16, 2025 1:35 PM
To: Asif Mirzazada <amirzazada@hntb.com>; Kyle Oldham <koldham@prim.com>
Cc: 61272_CR366(ChandlertoCarlosGParker) <61272_CR366?ChandlertoCarlosGParker?@HNTB.com>
Subject: RE: CR366_Submittal #161_Time Impact Analysis_22IFB138-CR366 - Oncor Utility Delay

Kyle,

Please confirm JCG's agreement to the extended OH of $156,671.72. After confirmation, I will talk to Commissioner Boles to get his approval to include this compensation on the Balancing Change Order.

Thanks,

Oscar Salazar-Bueno, PE
Sr. Resident Engineer
Williamson County Road Bond Program
Tel (512) 527-6734 **Mobile** (737) 237-3581 **Email** osalazarbueno@hntb.com

HNTB CORPORATION
101 E. Old Settlers Blvd., Ste. 225 | Round Rock, TX 78664 | hntb.com

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From: Asif Mirzazada <amirzazada@hntb.com>
Sent: Thursday, January 16, 2025 1:28 PM
To: Kyle Oldham <koldham@prim.com>

Cc: 61272_CR366(ChandlertoCarlosGParker) <61272_CR366?ChandlertoCarlosGParker?@HNTB.com>; Oscar Salazar-Bueno <osalazarbueno@HNTB.com>
Subject: CR366_Submittal #161_Time Impact Analysis_22IFB138-CR366 - Oncor Utility Delay

Kyle,
Attached, you will find the review document for Submittal 161.3, the TIA for CR 366 project. The TIA submission justifies a 76-day compensable delay with a total recoverable cost of $156,671.72.

Please let me know if you have any questions.

Thank you,

Asif Mirzazada,
Sr. Field Engineer
Williamson County Road Bond Program
Mobile (512) 987-9179
Email amirzazada@hntb.com

HNTB CORPORATION
101 E. Old Settlers Blvd., Ste. 225 | Round Rock, TX 78664 | hntb.com

This e-mail and any files transmitted with it are confidential and are intended solely for the use of the individual or entity to whom they are addressed. If you are NOT the intended recipient and receive this communication, please delete this message and any attachments. Thank you.

Note!: This email originated from outside our organization. Be cautious when opening Links and Attachments that you were not expecting.

5880 West US Hwy 190
Belton, 76513
Job Phone: (254) 939-8610
Job Fax: (254) 939-8611

1-21-2025

JCG Letter# 10907-004

OSCAR SALAZAR-BUENO
HNTB CORPORATION
101 E. Old Settlers Blvd, Suite 100
Round Rock, TX 78664

WILLIAMSON COUNTY – CR366
Job #: 10907
Control#: 22IFB138
RE: Request for Cost Recovery Inefficiencies

Dear Mr. Salazar-Bueno:

James Construction Group (JCG) is requesting a change order to address unexpected costs incurred due to inefficiencies for work performed around existing utilities. As a result, JCG financed a tremendous amount of cost to build the roadway at JCG's expense, causing significant financial impact to JCG. Due to significant utility conflicts; this project was not given an opportunity to meet the contractual bid productions because of the significant number of inefficiencies introduced by the owners into this project throughout its duration.

JCG has used an industry standard method of calculating Inefficiencies called the Measured Mile Method. The methodology of the measured mile analysis is displayed in the below screen shot from TxDOT's publication.

Inefficiencies. Inefficiencies are impacts which cause losses in production rates. Inefficiencies are also called losses of productivity or underutilization of resources.

Before efficiency impacts can be discussed, it is important to define efficiency. The classic definition of efficiency is the ratio of input to output. Another definition of efficiency that we typically use in highway construction is the amount of work produced divided by the amount of time (sometimes listed as man-hours) required to produce the output.

Work output is commonly measured in units of work performed (cubic yards of excavation, feet of storm sewer line, etc.). Work input is commonly measured in units of resource utilization (man-hours of labor or equipment hours required) or periods of time (day, week, month). This results in efficiencies in work units per time unit (CY/man-hour, Ft/Day, etc.). The following figure is one example of inefficiency.

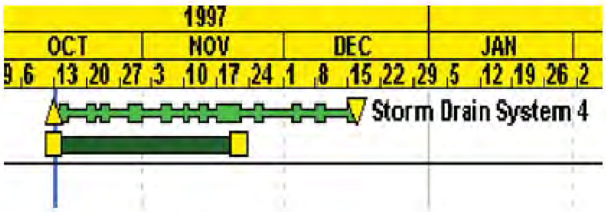

Figure 3. Example of Inefficiency

In the example, the Contractor planned to construct the storm sewer line in one continuous operation (shown by the bar with square end points). Because of some unidentified conflict, storm drain work spanned two months. The actual work in this example is shown by the bar with the triangular end points. The bar is expanded when work actually occurred. The bar is necked down where no work was underway.

Each small period of time the Contractor worked included start-up and take-down time. Therefore, more labor and equipment time was needed to perform the work than planned. The related impacts did not necessarily delay the project's completion, but the Contractor may be due additional compensation because the work cost more to construct than they could have reasonably anticipated.

There are several ways to calculate losses of efficiency. Each of these methods requires assumptions that must be validated before the approach is used as the basis for additional compensation.

- **Compare Actual Efficiency to Planned Efficiency.** This method assumes the Contractor's original plan and budget were realistic and achievable. In this case, one must also assume the Contractor assigned the crews and equipment on which the bid was based to the project.

- **Compare Actual Efficiency to Theoretical Efficiency.** This method compares the actual efficiency to the efficiency an expert states could have been expected. This method assumes the conditions used by the expert to calculate the theoretical efficiency rates are identical to the conditions encountered on the project, except for the impact. One must assume the Contractor's crews and equipment could operate at theoretical efficiency without the impact.

- **Compare Actual Efficiency to Actual Efficiency on Comparable Project.** This method assumes the conditions on the other project are identical to the conditions encountered on the project, except for the impact. One must assume the Contractor's crews and equipment could operate at the same efficiency on both projects without the impact.

- **Compare Actual Efficiency in Impacted Area to Actual Efficiency in Non-impacted Area (recommended approach).** This method is commonly referred to as the "measured mile" analysis. This method assumes the conditions on the impacted portion or time frame of the project are identical to the non-impacted portion or time frame, except for the impact.

Of these four methods, the measured mile analysis is recommended for use when data permits. Often within a project, the data for a measured mile analysis does not exist.

A measured mile analysis using the main lanes is not a reasonable approach if ramp construction is impacted as the work is not identical. In such a case, one of the other methods is recommended.

When calculating efficiencies, it is important to measure the actual and baseline efficiency using the same units. It is also important to note that inefficiencies may cause project delays resulting in additional costs beyond the inefficiency.

5880 West US Hwy 190
Belton, 76513
Job Phone: (254) 939-8610
Job Fax: (254) 939-8611

JCG, in calculating our damages due to inefficiencies, used the 4th scenario. JCG compared Actual Efficiency in Impacted Areas to Actual Efficiency in Non-impacted Areas.

The calculations of the Measured Mile Method can be seen in the screen shot below.

Inefficiencies. Use this information as a guide for calculating inefficiency damages assuming the project is not delayed by the inefficiencies. If the project has been delayed, calculate delay damages separately.

Inefficiencies primarily cause increases in the direct costs of labor, equipment and subcontractors. Materials are typically not affected by inefficiencies.

Use the following procedure to calculate efficiency damages:

Calculating Efficiency Damages

Step	Action
1	➨ Identify the specific activity or activities that were affected. ➨ Identify the resources (crews, equipment and subcontracts) that were affected.
2	➨ Determine what data is available for analysis. • The best units to calculate efficiency losses are units of work (feet of storm sewer pipe, cubic yards of excavation, etc.) divided by man-hour of labor (or equipment hour) used. • If this data is not available, units of work divided by time period (days, weeks or months) will provide a rough estimate of efficiency loss. ➨ Avoid measuring efficiency by dividing the value of work performed by the cost of the work.
3	➨ Locate an equivalent area or time period that was not affected by TxDOT impacts. ➨ Calculate the non-impacted productivity to be used as a baseline.
4	➨ Calculate the productivity of the impacted area or time period using the same units of measure as the baseline. ➨ Calculate the percentage loss of productivity using the following formula: Loss of Efficiency (%) = $\frac{\text{(Impacted Productivity - Baseline Productivity) * 100\%}}{\text{Baseline Productivity}}$
5	Calculate the total cost of resources affected by the inefficiency.
6	Multiply total resource cost by loss of efficiency percentage to arrive at total.
7	Eliminate force account markups and payment for profit as only labor burden is compensable as a damage.

The Procedure for JCG calculation of inefficiencies is broken down to the following Steps:

1) Data Collection
    a. Quantities
    b. Man hours
    c. Labor cost
    d. Equipment cost
    e. Total Cost Unit Rate

2) Identifying similar in kind efficient and inefficient work with locations and time frames
3) Comparison of efficient vs inefficient work
4) Calculating the results of inefficient work due to impacts beyond our Control

5) Summary

Procedure

1) Data Collection
   a. Quantities
      i. JCG utilized the monthly pay estimates for the duration of the project to build a monthly quantity database in excel.

   b. Man Hours
      i. JCG used general payroll ledgers and timesheets to calculate the actual man-hours that JCG spent each month by pay item. There are tabs in the attached excel sheets detailing the manhours logged for each activity. These manhours were filtered by month and item to provide the actual manhours spent to earn the quantities for each month.

   c. Labor cost
      i. JCG used general payroll ledgers to calculate the actual payroll cost for direct labor by dividing the total cost for labor on an item by the total man-hours spent on the same item. This cost varies per bid item due to the different crews that work on different pay items. This unit cost for labor was used of the entire lifespan of the project in this measured mile analysis. In doing so, JCG avoids including escalation in the Measured Mile analysis.

   d. Equipment Cost
      i. JCG used internal equipment logs to find the total hours by equipment type for each impacted bid item. These hours were then multiplied by the equipment watch operating rate to calculate the operating cost. JCG summed up all the calculated equipment cost per bid item then divided the total equipment cost by the total man hours used for that bid item resulting in an equipment unit rate per man hour.

   e. Total Cost per Man Hour
      i. The unit rate for labor was added to the unit rate of equipment per manhour to calculate the total cost per man hour.

2) Identifying Efficient and Inefficient work with locations and time frames
   a. JCG determined the production by month for every pay item as it was performed on the project. JCG divided the total quantity for each pay item by the total direct manhours charged to perform that quantity. The production rates for efficient timeframes and locations are highlighted in the Measured Mile Spreadsheet. In situations where it appears payment was delayed or early, an average of several months was used to calculate production rates to accurately portray the experienced production rates. Each Pay item has a short narrative explaining the location and period of the efficient work and the inefficient work performed as well as marked up plan sheets and aerials showing the impacted locations pre and post

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impact. JCG only analyzed original contract items, excluding change order and force account pay items assuming the true cost of the work was negotiated in the change order. JCG has excluded rework or repair labor and equipment cost from all calculations for inefficiencies. In doing so, JCG excluded its own inefficiencies from this analysis.

3) Comparison of Efficient vs. Inefficient work
   a. As identified in the previous step, JCG used the efficient work rates to establish our capability to perform the work without and disruption. The inefficient rates of production were compared to the efficient rates of production to calculate the production inefficiency.
   b. A summary calculation for our inefficiency calculation is provided on each excel sheet. This analysis followed the most desirable recommendation provided in the TxDOT Tips Sheet for calculating inefficiencies.

JCG also used the loss of efficiency (%) method explained in TxDOT's tip sheets as a secondary method to calculate the total cost of inefficiency:

Both methods for calculating the total cost of inefficiency are calculated and shown on each tab in the excel spreadsheet for every pay item JCG is requesting inefficiency cost recovery. Each item in the summary below has a Calculation tab and a Labor and Equipment Ledger tab. JCG will be willing and able to explain and or defend its position upon request.

I will seek approval from management

Summary:

JCG is requesting the total amount summarized below for cost recovery for Flex Base Item 247-6044 work, due to Inefficiencies while performing around utility disruptions and conflicts.

Cont Item	Description	Damage
2476044	FL BS (C.I.P.)(TY-A GR 4)(FINAL)	$ 18,903.83

As stated JCG is only seeking the valued submitted in the original request. See Breakdown below:

$166,978.87	Original Request
$156,671.72	TIA FINAL OH Agreed Upon
$ 10,307.15	Balance
81.00	Days Charged over contract
76.00	TIA Days Accepted
5.00	LD Days at Risk
$ 1,285.00	$/Day LD's
~~$ 6,425.00~~	LD $ at $ Risk

Remove - no LD's assessed

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$ 16,732.15	Sub Total of Requested Balance and LD's Remaining after TIA
$ 18,903.83	InEFF Calculated
$ 2,171.68	Partnering Deduct
$ 16,732.15	Partnering InEFF Requested

In Summary JCG is submitting Six Teen Thousand Seven Hundred Thirty-Two and Fifteen Cents to offset the remaining balance of cost recovery and damage risk for JCG.

Respectfully yours,
James Construction Group

Brian Chaffe
Operations Manager

CC: Kyle Oldham; Joey Williams; Asif Mirzazada

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Change Order Worksheet

Contract Name CR 366 Solicitation # 22IFB138

Date awarded 9/28/2022

Awarded Contract Amount $17,694,262.46

		Percentage Change	
Change order #1	$11,562.50	0.07%	
Change order #2	$82,015.80	0.46%	
Change order #3	$71,050.63	0.40%	
Change order #4	$67,778.02	0.38%	
Change order #5	-$318,499.67	-1.80%	
Total changes to date	($86,092.72)	-0.49%	(Running totals here)
Adjusted contract amount	$17,608,169.74		