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January 5<sup>th</sup>, 2023

Bridell Miers, P.E.  
 Engineering Project Manager  
 Collin County | Engineering  
 4690 Community Ave., Suite 200  
 McKinney, TX 75071

Subject: Outer Loop Access Road Dallas Parkway to East of SH 289 – Change Order No. 4  
 Collin County Contract No. 2019-109

Dear Bridell,

Jacobs recommends the following Change Order No. 4 for final modifications to the Outer Loop Access Road Dallas Parkway to East of SH 289 project. This change order is intended to be the final change order for the contract.

1. Final Quantities Based on As-Built Conditions

**Overrun**

LINE NO.	ITEM CODE	ITEM DESCRIPTION	CONTRACT QUANTITY THRU CO#4	FINAL ADJUSTMENT	FINAL QUANTITY	UNIT	UNIT BID PRICE	SUBTOTAL BID COST	Overrun/Underrun
3	104 (6021)	REMOVING CONC (CURB)	1929.00	88.00	2017.00	LF	\$10.00	\$880.00	104.562%
21	341 (6008)	D-GR HMA TY-B PG64-22	10569.00	1299.75	11868.75	TON	\$69.00	\$89,682.75	112.298%
36	422 (6002)	REINF CON SLAB (HPC)	63225.70	0.60	63226.30	SF	\$18.00	\$10.80	100.001%
41	432 (6001)	RIPRAP (CONC) (4")	449.00	17.48	466.48	CY	\$385.00	\$6,729.80	103.893%
43	432 (6031)	RIPRAP (STONE PROTECTION) (12")	770.00	214.87	984.87	CY	\$105.00	\$22,561.35	127.905%
44	432 (6033)	RIPRAP (STONE PROTECTION) (18")	124.00	20.50	144.50	CY	\$185.00	\$3,792.50	116.532%
73	496(6002)	REMOV STR (INLET)	4.00	1.00	5.00	EA	\$750.00	\$750.00	125.000%
86	506(6038)	TEMP SEDMT CONT FENCE (INSTALL)	11851.00	822.00	12673.00	LF	\$1.60	\$1,315.20	106.936%
87	506(6039)	TEMP SEDMT CONT FENCE (REMOVE)	11851.00	822.00	12673.00	LF	\$0.05	\$41.10	106.936%
91	512(6009)	PORT CTB (FUR & INST)(LOW PROF) (TY1)	640.00	60.00	700.00	LF	\$20.00	\$1,200.00	109.375%
92	512(6010)	PORT CTB (FUR & INST) (LOW PROF)(TY2)	60.00	60.00	120.00	LF	\$20.00	\$1,200.00	200.000%
93	512(6033)	PORT CTB (MOVE)(LOW PROF)(TY1)	330.00	1070.00	1400.00	LF	\$10.00	\$10,700.00	424.242%
94	512(6034)	PORT CTB (MOVE)(LOW PROF)(TY2)	40.00	20.00	60.00	LF	\$10.00	\$200.00	150.000%
95	512(6057)	PORT CTB (REMOVE) (LOW PROF)(TY1)	640.00	60.00	700.00	LF	\$5.00	\$300.00	109.375%
113	618(6030)	CONDT (PVC)(SCH 40)(3")(BORE)	260.00	40.00	300.00	LF	\$36.00	\$1,440.00	115.385%
126	658(6014)	INSTL DEL ASSM (D-SW)SZ (BRF)CTB (B1)	77.00	21.00	98.00	EA	\$15.00	\$315.00	127.273%
127	658(6015)	INSTL DEL ASSM (D-SW)SZ (BRF) GF1	46.00	7.00	53.00	EA	\$10.00	\$70.00	115.217%
139	666(6224)	PAVEMENT SEALER 4"	56428.00	1004.00	57432.00	LF	\$0.15	\$150.60	101.779%
146	666(6303)	RE PM W/RET REQ TY I (W)4" (SLD) (100MIL)	26020.00	4884.00	30904.00	LF	\$0.45	\$2,197.80	118.770%
154	677(6007)	ELIM EXT PAV MRK & MRKS (24")	54.00	40.00	94.00	LF	\$4.00	\$160.00	174.074%

**Total Overrun = \$143,696.90**

**Underrun**

LINE NO.	ITEM CODE	ITEM DESCRIPTION	CONTRACT QUANTITY THRU CO#4	FINAL ADJUSTMENT	FINAL QUANTITY	UNIT	UNIT BID PRICE	SUBTOTAL BID COST	Overrun/Underrun
12	164 (6041)	DRILL SEEDING (TEMP) (WARM)	117375.00	-117375.00	0.00	SY	\$0.08	(\$9,390.00)	0.00%
14	164 (6035)	DRILL SEEDING (PERM) (RURAL) (CLAY)	234750.00	-71962.00	162788.00	SY	\$0.10	(\$7,196.20)	69.35%
15	168 (6001)	VEGETATIVE WATERING	55299.00	-55299.00	0.00	MG	\$0.10	(\$5,529.90)	0.00%
19	310 (6027)	PRIME COAT JMC-30 OR AE-P)	10792.00	-3102.53	7689.47	GAL	\$3.00	(\$9,307.59)	71.25%
20	340 (6122)	D-GR HMA (SQ) TY-D PG70-22	195.00	-195.00	0.00	TON	\$125.00	(\$24,375.00)	0.00%
42	432 (6002)	RIPRAP (CONC) (5")	65.00	-46.10	18.90	CY	\$385.00	(\$17,748.50)	29.08%
46	432 (6045)	RIPRAP (MOW STRIP) (4")	224.00	-122.65	101.35	CY	\$385.00	(\$47,220.25)	45.25%
71	480(6001)	CLEAN EXIST CULVERTS	3.00	-2.00	1.00	EA	\$3,500.00	(\$7,000.00)	33.33%
72	481(6013)	PIPE (PVC)(SCH 40)(6")	340.00	-340.00	0.00	LF	\$30.00	(\$10,200.00)	0.00%
81	506(6002)	ROCK FILTER DAMS (INSTALL TY 2)	945.00	-790.00	155.00	LF	\$25.00	(\$19,750.00)	16.40%
82	506(6003)	ROCK FILTER DAMS (INSTALL TY 3)	30.00	-30.00	0.00	LF	\$67.00	(\$2,010.00)	0.00%
83	506(6011)	ROCK FILTER DAMS (REMOVE)	975.00	-920.00	55.00	LF	\$1.00	(\$920.00)	5.64%
84	506(6020)	CONSTRUCTION EXITS (INSTALL TY 1)	234.00	-234.00	0.00	SY	\$35.00	(\$8,190.00)	0.00%
85	506(6024)	CONSTRUCTION EXITS (REMOVE)	234.00	-234.00	0.00	SY	\$1.00	(\$234.00)	0.00%
88	506(6041)	BIODEG EROSN CONT LOGS (INSTALL) (12")	3100.00	-2637.00	463.00	LF	\$2.95	(\$7,779.15)	14.94%
89	506(6043)	BIODEG EROSN CONT LOGS (REMOVE) (12")	3100.00	-2637.00	463.00	LF	\$0.05	(\$131.85)	14.94%
90	508(6001)	CONSTRUCTING DETOURS	6803.00	-1347.00	5456.00	SY	\$15.00	(\$20,205.00)	80.20%
101	530(6006)	DRIVEWAYS (SURF TREAT)	729.00	-729.00	0.00	SY	\$13.00	(\$9,477.00)	0.00%
120	644(6001)	IN SM RD SN SUP&AM TY 1OBWG(1) SA (P)	84.00	-8.00	76.00	EA	\$425.00	(\$3,400.00)	90.48%
124	644(6064)	IN BRIDGE MNT CLEARANCE SGN ASSM (TYN)	2.00	-2.00	0.00	EA	\$2,000.00	(\$4,000.00)	0.00%
128	658(6048)	INSTL OM ASSM (OM-22)(FLX)GND	12.00	-12.00	0.00	EA	\$45.00	(\$540.00)	0.00%
129	662(6063)	WK ZN PAV MRK REMOV (W) 4' (SLD)	14675.00	-14525.00	150.00	LF	\$1.05	(\$15,251.25)	1.02%
130	662(6095)	WK ZN PAV MRK REMOV (Y) 4" (SLD)	8668.00	-4080.00	4588.00	LF	\$1.15	(\$4,692.00)	52.93%
131	666(6030)	REFL PAV MRK TY I (W) 8" (DOT) (100MIL)	1565.00	-1409.00	156.00	LF	\$2.00	(\$2,818.00)	9.97%
132	666(6036)	REFL PAV MRK TY I (W) 8" (SLD) (100MIL)	4323.00	-2669.00	1654.00	LF	\$1.50	(\$4,003.50)	38.26%
133	666(6042)	REFL PAV MRK TY I (W) 12" (SLD) (100MIL)	809.00	-271.00	538.00	LF	\$3.50	(\$948.50)	66.50%
134	666(6048)	REFL PAV MRK TY I (W) 24" (SLD) (100MIL)	515.00	-234.00	281.00	LF	\$6.00	(\$1,404.00)	54.56%
135	666(6054)	REFL PAV MRK TY I (W) (ARROW) (100MIL)	28.00	-14.00	14.00	EA	\$115.00	(\$1,610.00)	50.00%
136	666(6078)	REFL PAV MRK TY I (W) (WORD)(100MIL)	27.00	-13.00	14.00	EA	\$130.00	(\$1,690.00)	51.85%
137	666(6102)	REF PAV MRK TY I (W) 36" (YLD TR) (100MIL)	18.00	-3.00	15.00	EA	\$30.00	(\$90.00)	83.33%
138	666(6141)	REFL PAV MRK TY I (Y) 12" (SLD)(100MIL)	1327.00	-280.00	1047.00	LF	\$3.50	(\$980.00)	78.90%
140	666(6226)	PAVEMENT SEALER 8"	5888.00	-4159.00	1729.00	lf	\$0.35	(\$1,455.65)	29.36%
141	666(6228)	PAVEMENT SEALER 12"	2136.00	-551.00	1585.00	LF	\$0.70	(\$385.70)	74.20%
142	666(6230)	PAVEMENT SEALER 24"	515.00	-234.00	281.00	LF	\$1.25	(\$292.50)	54.56%
143	666(6231)	PAVEMENT SEALER (ARROW)	28.00	-14.00	14.00	EA	\$50.00	(\$700.00)	50.00%
144	666(6232)	PAVEMENT SEALER (WORD)	27.00	-13.00	14.00	EA	\$50.00	(\$650.00)	51.85%
145	666(6243)	PAVEMENT SEALER (YLD TRI)	18.00	-3.00	15.00	EA	\$8.00	(\$24.00)	83.33%
147	666(6315)	RE PM W/RET REQ TY I (Y4" (SLD) (100MIL)	30408.00	-3880.00	26528.00	LF	\$0.45	(\$1,746.00)	87.24%
148	672(6007)	REFL PAV MRKR TY 1-C	176.00	-26.00	150.00	EA	\$4.00	(\$104.00)	85.23%
149	672(6009)	REFL PAV MRKR TY II-A-A	474.00	-117.00	357.00	EA	\$4.00	(\$468.00)	75.32%
150	672(6010)	REFL PAV MRKR TY II-C-R	51.00	-51.00	0.00	EA	\$4.00	(\$204.00)	0.00%
151	677(6001)	ELIM EXT PAV MRK & MRKS (4")	1004.00	-1004.00	0.00	LF	\$0.75	(\$753.00)	0.00%
152	677(6003)	ELIM EXT PAV MRK & MRKS (8")	506.00	-446.00	60.00	LF	\$1.25	(\$557.50)	11.86%
153	677(6005)	ELIM EXT PAV MRK & MRKS (12")	1528.00	-1488.00	40.00	LF	\$2.00	(\$2,976.00)	2.62%
168	684(6031)	TRF SIG CBL (TY A) (14 AWG) (5 CONDR)	1244.00	-1010.00	234.00	LF	\$2.00	(\$2,020.00)	18.81%
177	856(1001)	MOISTURE TREATED SUBGRADE	8141.00	-1077.16	7063.84	CY	\$6.00	(\$6,462.96)	86.77%
184	CC502(1001)	RAILROAD FLAGGING	100.00	-37.00	63.00	DAY	\$1,600.00	(\$59,200.00)	63.00%

**Total Underrun = (\$326,091.00)**

The net increase (decrease) to the Outer Loop Access Road Dallas Parkway to East of SH 289 project cost by this change order is **(\$182,394.10)**.

Should you have any questions or require any additional information, please contact me.

Yours sincerely,



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