

April 3, 2025

Mrs. Bridell Miers, PE Collin County Engineering Department 4690 Community Ave, Suite 200 McKinney, Texas 75071

Project Name:

CCOL-3C

Project Number: IFB No. 2023-303

Subject:

Change Order #003

Dear Mrs. Miers:

BGE, Inc. recommends the following Change Order #03 modifications for the Collin County Outer Loop Project CCOL-3C.

ltem#	Seq	Description	иом	Unit Price	Original Quantity	Revised Quantity	CO Quantity	CO Amount
0422.SPLC01	03-01	Bridge Deck Grooving	SF	\$0.42	E	111,202.00	111,202.00	\$46,704.84
0422-6003	03-02	REINF CONC SLAB (HPC)	SF	\$22.00	153,887.00	154,442.00	555.00	\$12,210.00
0422-6003R	03-03	REINF CONC SLAB (HPC) Rebar Adjustment	SF	\$1.57) Bal	555.00	555.00	\$871.35
0422-6016	03-04	APPROACH SLAB (HPC) (PQA) Plan Quantity Adjustment	CY	\$600.00	145.00	163.00	18.00	\$10,800.00
0464-9020	03-05	CULVERT L-2 (RFI 22)	LS	\$13,974.00	4	1.00	1.00	\$13,974.00
6120-6001	03-06	DEAD END ROADWAY BARRICADE (CR 282)	LF	\$185.00	25.00	50.00	25.00	\$4,625.00
9002-09	03-07	CEM STABIL BKFL (Revised Unit Price)per Item 4.1 Table 1 (PQA)	CY	\$200.00	358.20	471.20	113.00	\$22,600.00
0105-6030	03-20	REMOVING STAB BASE & ASPH PAV (8"-14")	SY	\$8.50	16,865.00	14,884.00	(1,981.00)	\$(16,838.50)
0105-New	03-21	DEMO SHLDR AT FM543	SY	\$14.25	878	1,832.00	1,832.00	\$26,106.00
0110-New	03-22	GRADING SHOULDERS AT FM543	LS	\$91,732.00	*	1.00	1.00	\$91,732.00
0132-6002- 002	03-23	EMBANKMENT (FINAL) (DENS CONT)(TY A)	CY	\$26.00	680.00	2	(680.00)	\$(17,680.00)
0247-6230	03-24	FL BS (CMP IN PLACE)(TY A GR 1-2)(8")	SY	\$38.69	30,532.00	31,514.00	982.00	\$37,993.58

Item#	Seq	Description	иом	Unit Price	Original Quantity	Revised Quantity	CO Quantity	CO Amount
0260-6002	03-30	Lime (Hydrated Lime Slurry)	Ton	\$500.00	3,330.00	3,308.00	(22.00)	\$(11,000.00)
0310-6027	03-31	PRIME COAT (MC-30) OR AE-P	GAL	\$5.50	2,443.00	2,254.00	(189.00)	\$(1,039.50)
0314-6021- 001	03-32	EMULS ASPH (PRIME)(MS-2 OR SS-1)	GAL	\$6.60	2,101.00	1,702.00	(399.00)	\$(2,633.40)
0316-6024- 002	03-33	ASPH (CRS-2P)	GAL	\$10.50	2,626.00	2,128.00	(498.00)	\$(5,229.00)
0316-6419- 002	03-34	ASPH (AC-15P AC-20-5TR OR AC-20XP)	GAL	\$11.00	5,988.00	4,852.00	(1,136.00)	\$(12,496.00)
0316-6434- 002	03-35	AGGR (TY-PB GR-4 OR TY-PL GR-4 (SAC-B)	СУ	\$900.00	88.00	71.00	(17.00)	\$(15,300.00)
0316-6440- 002	03-36	AGGR (TY-B GR-3 OR TY-L GR-3)(SAC-B)	СУ	\$850.00	100.00	81.00	(19.00)	\$(16,150.00)
0354-6002	03-37	PLAN & TEXT ASPH CONC PAV (2")	SY	\$6.99	7,971	2,975.00	2,975.00	\$20,795.25
0360-6004	03-38	CONC PCMT CONT REINF CRCP (10")	SY	\$79.00	154,726.00	153,698.00	(1,028.00)	\$(81,212.00)
0360-New	03-39	CRCP ADDL COST	LS	\$17,779.00	*	1.00	1.00	\$17,779.00
0465-6016- New	03-40	DELETE G-6 3X5 INLET TOP (BOTH)	EA	\$2,590.00	t	(1.00)	(1.00)	\$(2,590.00)
0465-New	03-41	INLET ADJUSTMENTS G2-G7 (6 EA)	LS	\$22,478.00	2	1.00	1.00	\$22,478.00
0465-New	03-42	G2a 3X5 CURB INLET PCO (NONE)	EA	\$16,670.00	ē	1.00	1.00	\$16,670.00
0465-New	03-43	G3a 3X5 CURB INLET PCO (BOTH)	EA	\$17,460.00		1.00	1.00	\$17,460.00
0465-New	03-44	ADD G-6 3X5 INLET TOP (RIGHT)	EA	\$2,382.00		1.00	1.00	\$ 2,382.00
0496-New	03-45	MILL AT FM543	DY	\$19,568.00	15	2.00	2.00	\$39,136.00
0502-New	03-46	FLAGGING FOR FM543 OPS	DY	\$1,526.70		20.00	20.00	\$30,534.00
0529-6005	03-47	CONC CURB (MONO) (TY II)	LF	\$2.00	84,229.00	83,984.00	(245.00)	\$(490.00)
0529-6008	03-48	CONC CURB & GUTTER (TY II)	LF	\$56.00	105.00	139.00	34.00	\$1,904.00
0644-6001	03-49	IN SM RD SN SUP&AM TY10BWG(1)SA(P)	EA	\$529.00	79.00	85.00	6.00	\$3,174.00
0658-6100	03-50	INSTL OM ASSM (OM-2Z) (WFLX) GND(BI)	EA	\$58.40	43.00	45.00	2.00	\$116.80
0666- 6030.007	03-51	REFL PAV MRK TY I (W)8" (DOT) (100MIL)	LF	\$3.23	550.00	580.00	30.00	\$96.90
0666- 6036.007	03-52	REFL PAV MRK TY I (W)8" (SLD) (100MIL)	LF	\$1.54	9,675.00	9,540.00	(135.00)	\$(207.90)
0666- 6147.007	03-53	REFL PAV MRK TY I (Y)24" (SLD) (100MIL)	LF	\$9.00	2,105.00	2,360.00	255.00	\$2,295.00

ltem#	Seq	Description	иом	Unit Price	Original Quantity	Revised Quantity	CO Quantity	CO Amount
0666- 6225.007	03-54	PAVEMENT SEALER 6"	LF	\$0.27	172,300.00	174,845.00	2,545.00	\$687.15
0666- 6226.007	03-55	PAVEMENT SEALER 8"	LF	\$0.56	10,225.00	10,120.00	(105.00)	\$(58.80)
0666- 6230.007	03-56	PAVEMENT SEALER 24"	LF	\$2.00	2,550.00	2,825.00	275.00	\$550.00
0672-6007	03-57	REFL PAV MRKR TY I-C	EA	\$5.66	489.00	484.00	(5.00)	\$(28.30)
0672-6009	03-58	REFL PAV MRKR TY II-A-A	EA	\$5.66	1,925.00	2,048.00	123.00	\$696.18
0678-6002	03-59	PAV SURF PREP FOR MRK (6")	LF	\$0.22	172,300.00	174,845.00	2,545.00	\$559.90
0678-6004	03-60	PAV SURF PREP FOR MRK (8")	LF	\$0.40	10,225.00	10,120.00	(105.00)	\$(42.00)
0678-6008	03-61	PAV SURF PREP FOR MRK (24")	LF	\$1.62	2,550.00	2,825.00	275.00	\$445.50
0678-6033	03-62	PAV SURF PREP FOR MRK (RPM)	LF	\$1.45	2,430.00	2,548.00	118.00	\$171.10
3076-6015	03-63	D-GR HMA TY-C PG64-22	TON	\$162.50	53.00	794.00	741.00	\$120,412.50
3077-6001	03-66	SP MIXESSP-BP G64-22	TON	\$121.00	38,750.00	39,357.00	607.00	\$73,447.00
3077-6075	03-68	TACK COAT	GAL	\$7.00	21,020.00	21,160.00	140.00	\$980.00
6439-6008	03-69	HPPM-RIB W/RET REQ TY(W)6"(SLD)100MIL	LF	\$1.00	103,250.00	104,020.00	770.00	\$770.00
6439-6016	03-70	HPPM-RIB W/RET REQ TY(Y)6"(SLD)100MIL	LF	\$1.00	62,160.00	63,935.00	1,775.00	\$1,775.00
0314-6021- 001	03-80	EMULS ASPH (PRIME)(MS-2 OR SS-1)	GAL	\$6.60	2,101.00	399.00	(1,702.00)	\$(11,233.20)
0316-6024- 002	03-81	ASPH (CRS-2P)	GAL	\$10.50	2,626.00	498.00	(2,128.00)	\$(22,344.00)
0316-6419- 002	03-82	ASPH (AC-15P AC-20-5TR OR AC-20XP)	GAL	\$11.00	5,988.00	1,136.00	(4,852.00)	\$(53,372.00)
0316-6434- 002	03-83	AGGR (TY-PB GR-4 OR TY-PL GR-4 (SAC-B)	СУ	\$900.00	88.00	17.00	(71.00)	\$(63,900.00)
0316-6440- 002	03-84	AGGR (TY-B GR-3 OR TY-L GR- 3)(SAC-B)	CY	\$850.00	100.00	19.00	(81.00)	\$(68,850.00)
3076-6015	03-85	D-GR HMA TY-C PG64-22	TON	\$162.50	98.00	1,013.00	915.00	\$148,687.50
								\$388,924.95

CO#003 Net Increase to Contract: \$388,924.95

<u>03-01 - Bridge Deck Grooving -</u> This item addresses a future safety issue if Speed Limit is raised to 50MPH. Item added for deck

- grooving the East Fork & Honey Creek Bridge slabs & Approach slabs.
- <u>03-02 REINF CONC SLAB (HPC)</u> This is a plan quantity adjustment for actual work performed on East Fork Bridge, Spans 15-17.
- <u>03-03 REINF CONC SLAB (HPC) Rebar Adjustment</u> Based on the East Fork 15-17 Slab Quantity adjustment, the revised Rebar quantity had to be adjusted per the Dallas TxDOT Slab Standard.
- <u>03-04 APPROACH SLAB (HPC) (PQA) Plan Quantity</u> <u>adjustment</u> – All four Approach Slab sleeper slabs were not included in the original quantities.
- <u>03-05 CULVERT L-2 (RFI 22)</u> This Culvert was added to drain a ditch near WBFR/CR 205 intersection.
- <u>03-06 DEAD END ROADWAY BARRICADE (CR 282)</u> This barricade will be added to block a dangerous height clearance issue at East Fork Bridge, Span 1.
- <u>03-07 CEM STABIL BKFL (Revised Unit Price) per Item 4.1</u>
 <u>Table 1 (PQA)</u> This is a Plans Quantity adjustment for Actual work performed on installing Cement Stabilized Backfill under the four Bridge Approach Slabs
- <u>03-20 REMOVING STAB BASE & ASPH PAV (8"-14")</u> This reduction in quantity is due to the modifications at FM543.
- <u>03-21 DEMO SHLDR AT FM543</u> Per the FM 543 Modifications, this item is for removing the Asphalt Shoulders prior to the Widening operation.
- <u>03-22 GRADING SHOULDERS AT FM543 Per the FM 543 Modifications, this item is for grading the shoulders area prior to widening.</u>
- <u>03-23 EMBANKMENT (FINAL) (DENS CONT)(TY A) Per the FM 543 Modifications, this item is a reduction in scope for the FM 543 Area.</u>
- <u>03-24 FL BS (CMP IN PLACE)(TY A GR 1-2)(8") Per the FM 543 Modifications, this item are for placing flex base under WBFR east and west of FM 543 because the grade was raised.</u>
- <u>03-30 LIME (Hydrated Lime Slurry) Per the FM 543</u> Modifications, this item is a credit for lime not used in construction of FM 543.
- <u>03-31 PRIME COAT (MC-30) OR AE-P</u> Per the FM 543 /WBFR design modification, this item was not needed.
- <u>03-32 EMULS ASPH (PRIME)(MS-2 OR SS-1)</u> Per the FM 543 /WBFR design modification, this item was eliminated.
- <u>03-33 ASPH (CRS-2P)</u> Per the FM 543 /WBFR design
- <u>03-33 ASPH (CRS-2P)</u> Per the FM 543 /WBFR design modification, this item was eliminated.
- <u>03-34 ASPH (AC-15P AC-20-5TR OR AC-20XP)</u> Per the FM 543 /WBFR design modification, this item was eliminated.

- <u>03-35 AGGR (TY-PB GR-4 OR TY-PL GR-4 (SAC-B)</u> Per the FM 543 /WBFR design modification, this item was eliminated.
- <u>03-36 AGGR (TY-B GR-3 OR TY-L GR-3)(SAC-B) -</u> This is an adjustment made to substitute 2" of Type C Hotmix for chip seal on several county road tie-in areas.
- <u>03-37 PLAN & TEXT ASPH CONC PAV (2")</u> This is for milling the intersection at WBFR/ FM543 to create a smooth Transition through the FM543/WBFR intersection.
- **03-38 CONC PCMT CONT REINF CRCP (10")** This is a reduction in cost for concrete pavement that was eliminated at the intersection of WBFR /FM 543.
- <u>03-39 CRCP ADDL COST</u> This is a price increase to compensate the contractor for inefficiencies in paving the WBFR areas held back prior to redesign of FM 543 intersection.
- <u>03-40 DELETE G-6 3X5 INLET TOP (BOTH)</u> This is a reduction because this inlet extension was not needed per the new design.
- <u>03-41 INLET ADJUSTMENTS G2-G7 (6 EA)</u> These inlet adjustments were needed per the FM543/WBFR redesign.
- <u>03-42 G2a 3X5 CURB INLET PCO (NONE)</u> This inlet was added for the FM543/WBFR intersection.
- <u>03-43 G3a 3X5 CURB INLET PCO (BOTH)</u> This inlet was added for the FM543/WBFR intersection.
- <u>03-44 ADD G-6 3X5 INLET TOP (RIGHT)</u> This inlet was added for the FM543/WBFR intersection.
- <u>03-45 MILL AT FM543</u> This is a daily charge for the milling machine operation to regrade the FM543/WBFR Intersection.
- <u>03-46 FLAGGING FOR FM543 OPS</u> Flagging operation for widening operation during the day 8:30-4:00. Daily, the FM543 roadway will be open to two-way traffic after work has been completed.
- <u>03-47 CONC CURB (MONO) (TY II)</u> Delete mono curb at FM543/WBFR Intersection
- <u>03-48 CONC CURB & GUTTER (TY II)</u> Added Curb & Gutter at FM543/WBFR Intersection
- <u>03-49 IN SM RD SN SUP&AM TY10BWG(1)SA(P)</u> Additional signage needed for Left Turn operation at FM543/WBFR Intersection
- <u>03-50 INSTL OM ASSM (OM-2Z) (WFLX) GND(BI)</u> –

Adjustments needed for Left Turn Operation.

- <u>03-51 REFL PAV MRK TY I (W)8" (DOT) (100MIL) -</u>
- Adjustments needed for Left Turn Operation.
- 03-52 REFL PAV MRK TY I (W)8" (SLD) (100MIL) -

Adjustments needed for Left Turn Operation.

03-53 - REFL PAV MRK TY I (Y)24" (SLD) (100MIL) -

Adjustments needed for Left Turn Operation.

- <u>03-54 PAVEMENT SEALER 6" Adjustments needed for Left Turn Operation.</u>
- <u>03-55 PAVEMENT SEALER 8" Adjustments needed for Left Turn Operation.</u>
- <u>03-56 PAVEMENT SEALER 24" Adjustments needed for Left Turn Operation.</u>
- <u>03-57 REFL PAV MRKR TY I-C -</u> Adjustments needed for Left Turn Operation.
- <u>03-58 REFL PAV MRKR TY II-A-A -</u> Adjustments needed for Left Turn Operation.
- <u>03-59 PAV SURF PREP FOR MRK (6") Adjustments needed</u> for Left Turn Operation.
- <u>03-60 PAV SURF PREP FOR MRK (8") Adjustments needed</u> for Left Turn Operation.
- <u>03-61 PAV SURF PREP FOR MRK (24") Adjustments needed</u> for Left Turn Operation.
- <u>03-62 PAV SURF PREP FOR MRK (RPM) Adjustments needed</u> for Left Turn Operation.
- <u>03-63 D-GR HMA TY-C PG64-22 Increase in quantity is for Type B Hotmix for FM543/WBFR widening & Tie-in operation</u>
- <u>03-66 SP MIXESSP-BP G64-22</u> Increase in quantity is for Type B Hotmix for FM543/WBFR widening & Tie-in operation.
- <u>03-68 TACK COAT Increase in quantity is for tack coat for FM543/WBFR widening & Tie-in operation</u>
- <u>03-69 HPPM-RIB W/RET REQ TY(W)6"(SLD)100MIL -</u> Adjustments needed for Left Turn Operation.
- <u>03-70 HPPM-RIB W/RET REQ TY(Y)6"(SLD)100MIL -</u> Adjustments needed for Left Turn Operation.
- <u>03-80 EMULS ASPH (PRIME)(MS-2 OR SS-1) This is</u> reduction in quantity to substitute 2" of Type C Hotmix for chip seal on several county road tie-in areas.
- <u>03-81 ASPH (CRS-2P) This</u> is an adjustment made to substitute 2" of Type C Hotmix for chip seal on several county road tie-in areas.
- <u>03-82 ASPH (AC-15P AC-20-5TR OR AC-20XP) This is an adjustment made to substitute 2" of Type C Hotmix for chip seal on several county road tie-in areas.</u>
- <u>03-83 AGGR (TY-PB GR-4 OR TY-PL GR-4 (SAC-B) This</u> is an adjustment made to substitute 2" of Type C Hotmix for chip seal on several county road tie-in areas.
- <u>03-84 AGGR (TY-B GR-3 OR TY-L GR-3)(SAC-B) This</u> is an adjustment made to substitute 2" of Type C Hotmix for chip seal on several county road tie-in areas.
- <u>03-85 D-GR HMA TY-C PG64-22 -</u> This is an adjustment made to substitute 2" of Type C Hotmix for chip seal on several county road tie-in areas.

Plan Sheets to be inserted into Contract:

Index of Sheets	2, 3,V2_1, V2_2, V3-2					
Typical Sections-Existing Typicals	9					
Typical Sections-Proposed Typicals	14,15,19					
Estimate & Quantities	29,30					
Summary Sheets-Roadway	32,33					
Summary Sheets-Miscellaneous	34					
Summary Sheets-Drainage	36					
Summary Sheets-Traffic Items	38,39					
Summary of Small Signs	47					
Traffic Control Plan General Notes & Narrative	48					
Traffic Control Plan Ph1 WBFR at FM 543	55					
Traffic Control Plan Ph 1B Stage 1 WBFR at FM 543	70					
Traffic Control Plan Ph 1B Stage 2 WBFR at FM 543	73A					
Traffic Control Plan Ph 1B Stage 3 WBFR at FM 543	73B					
Detour Plan FM 543	92					
Removal Plan WBFR STA 4477+00-4488+00	152					
WBFR Plan & Profile STA 4466+00-STA 4477+00	193					
WBFR Plan & Profile STA 4477+00-STA 4488+00	194					
FM 543 Plan & Profile	223					
Intersection Grading WBFR/FM 543	234					
Drainage Inlet Area Map STA 4466+00-STA 4477+00	288					
Drainage Inlet Area Map STA 4477+00-STA 4488+00	289					
Drainage Plan STA 4466+00-STA 4488+00	359					
Drainage Profile Line G1& G2	385					
Drainage Profile Line G3	386					
Drainage Ditch Tables	404					
Runoff Computations	407					
Inlet Computations	411					
Link Computations	416,417					
Signing & Pavement Markings STA 4466+00-STA 4488+00	629					
Signing & Pavement Markings FM 543	644					
Edge Line Rumble Strips on Undivided or Two Lane Hwys RS(2)-23 665A						
Centerline Rumble Strips on Two Lane Two-Way Hwys RS(4)-23	665B					

Mrs. Bridell Miers, PE April 3, 2025 Page 8

The net Increase to this contract for CCOL-3 C Change Order #003 is \$388,924.95.

If you have any questions, please give me a call.

Sincerely, PE
Parker Scott Hutchins, PE

BGE Project Manager