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December 18, 2017

Mr. Clarence T. Daugherty, P.E.
County Engineer
Collin County
4690 Community Ave., Suite 200
McKinney, TX 75071

RE: Frontier Parkway Engineering Services Agreement
Collin County Contract No. 2016-229
Collin County Purchase Order No. 199212
Amendment No. 3

Dear Mr. Daugherty:

As you requested, we are pleased to submit Amendment No. 3 to our Engineering Services Agreement with Collin County dated Sept. 27, 2016 (Collin County Purchase Order No. 199212) for the design of Frontier Parkway, from the Dallas North Tollway (DNT) to S.H. 289 (Collin County Contract No. 2016-229).

This Amendment No. 3 makes the following changes to the original agreement:

1. The Geotechnical Explorations and Engineering phase services are now know to be more effort than originally envisioned. This Amendment No. 3 revises the Geotechnical Engineering budget to reflect the additional scope and effort.
2. The environmental phase services are now expected to be less effort and possibly more streamlined than originally envisioned. This is due in part to the assistance provided by the North Central Texas Council of Governments in the through the Section 214 Federal Water Resources Development Act of 2000 (WRDA).

Refer to Exhibit C – Engineering Services Fee Schedule:

The fee schedule shown in Exhibit C is hereby modified to increase the fee for Part B.3 – Geotechnical Investigations and Report by \$36,499, or a maximum not to exceed amount of \$77,199; and to reduce the fee for Part B.5 – NCTCOG Environmental Form by \$5,000, or a maximum not to exceed amount of \$22,000; and to reduce the fee for Part B.6 – 404 Permit Application (Nationwide Permit 14) by \$31,499, or a maximum not to exceed amount of \$47,751. The net effect of these changes does not change the overall contract amount approved.

The Exhibit C fee schedule is hereby revised as follows:

**Exhibit “C”
 Engineering Service Fee Schedule – Amendment No. 3**

Service Phase			Contract Amounts (\$)				
			Original Contract Court Order 2016-649-09-12	Amendment No. 1 Court Order 2017-337-05-15	Amendment No. 2	Amount This Amendment No. 3	Revised Contract
A. Basic Services Parts I -III (Lump Sum)	Part I. A.	Schematic Design	\$150,000				\$150,000
	Part I.B.	Final Design	\$1,162,000				\$1,162,000
	Part II	Bidding Phase	\$9,000				\$9,000
	Part III.	Construction Administration	\$180,000				\$180,000
		Subtotal - Basic Services (Part A.)	\$1,501,000	\$0	\$0	\$0	\$1,501,000
B. Additional Services (Hourly)	1	Field Surveys (Design, Property and Construction Support):	\$39,840				\$39,840
	2	R-O-W Map, Plats and Field Notes Descriptions (16 each):	\$29,600				\$29,600
	3	Geotechnical Investigation and Report:	\$40,700			\$36,499	\$77,199
	4	Flood Study:	\$24,800				\$24,800
	5	NCTCOG Environmental Form:	\$27,200			(\$5,000)	\$22,200
	6	404 Permit Application (Nationwide Permit 14):	\$79,250			(\$31,499)	\$47,751
	7	Permits (TxDOT, BNSF) and Utility Relocation Coordination:	\$28,000		(\$15,000)		\$13,000
	8	Asbestos Evaluation (4 Buildings):	\$11,000				\$11,000
	9	Eight (8) Meetings with Celina, Prosper & PISD	\$8,400		\$15,000		\$23,400
	10	Attend Twenty(20) Additional Progress Meetings:	\$21,000				\$21,000
	11	Additional Printing of Construction Plans and Specifications:	\$4,000				\$4,000
	Amend. 1 12	Revised Schematic Layouts, Drainage Evaluations, Cost Estimates and Coordination Meetings	\$0	\$20,000			\$20,000
		Subtotal Additional Services (Part B):	\$313,790	\$20,000	\$0	\$0	\$333,790
C. Optional Services (Hourly)	1	Traffic Signal Warrant Study	\$5,500				\$5,500
	2	Street Lighting Design	\$46,000				\$46,000
	3	Full Irrigation Design Plans and Specifications	\$50,000				\$50,000
	3a	Irrigation and Lighting Conduit Sleeves Only	\$5,000				\$5,000
	4	Sidewalks and Barrier Free Ramps (TDLR \$2,085 fee Included)	\$42,000				\$42,000
	5	On-site Observation of Construction Activity	TBD				TBD
	Subtotal Optional Services (Part C)	\$148,500	\$0	\$0	\$0	\$148,500	
Project Grand Total:			\$1,963,290	\$20,000	\$0	\$0	\$1,983,290

If this Amendment No. 3 to our original agreement dated September 27, 2016 meets with your approval, please have one set executed for Collin County and returned to our office. We look forward to our continued work on this project with you and your staff.

Sincerely,

Gary C. Hendricks, P.E., R.P.L.S.

APPROVED BY COLLIN COUNTY, TEXAS

By:

Date: