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March 28, 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 Purchase Order No. 199212
Amendment No. 1

Dear Mr. Daugherty:

As you requested, we are pleased to submit Amendment No. 1 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

This Amendment No. 1 makes the following changes to the original agreement:

Refer to Exhibit A – Scope of Services, Part B. Additional Services:

Add the following scope:

12.

- a. Preparation of alternate schematic layouts at the BNSF RR overpass, including alternate service road layouts, and options for connections to the Prosper Independent School District's (PISD) proposed sports complex, meeting with Collin County engineering staff, City of Prosper and PISD to discuss and evaluate various the options, preparation of revised opinion of probable construction cost for the various options explored..
- b. Evaluation of offsite drainage channel on the south side of Frontier Parkway, west of the PISD sports complex and preparing options for design including channelization, underground system, and the "do nothing option". Evaluation includes preliminary hydraulic capacity evolution of the existing channel and revisions to the proposed roadway grades as required; meetings with Collin County staff to discuss options evaluated and; preparation of opinion of probable construction cost for each option explored.
- c. Evaluation of the existing drainage channel downstream of the DNT, including the existing culverts under Frontier Parkway just west of the DNT; prepare conceptual recommendations for drainage improvements for both open channel and underground storm sewer options; prepare opinion of probable construction cost for each option considered. Meetings with Collin County staff to discuss options, probable solutions and opinions of cost.

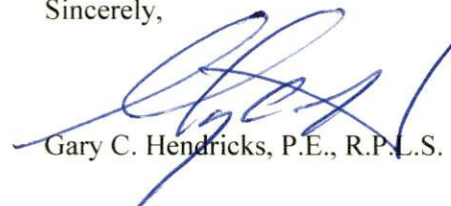
Refer to Exhibit C – Engineering Services Fee Schedule:

The fee schedule shown in Exhibit C is hereby modified to add Part B.- Additional Services Item 12 as follows:

Service Phase			Contract Amounts (\$)		
			Original Contract	Amendment No. 1	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	\$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		\$40,700
	4	Flood Study:	\$24,800		\$24,800
	5	NCTCOG Environmental Form:	\$27,200		\$27,200
	6	404 Permit Application (Nationwide Permit 14):	\$79,250		\$79,250
	7	Permits (TxDOT, BNSF) and Utility Relocation Coordination:	\$28,000		\$28,000
	8	Asbestos Evaluation (4 Buildings):	\$11,000		\$11,000
	9	Eight (8) Meetings with Celina, Prosper, PISD & Property Owners	\$8,400		\$8,400
	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	\$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	\$148,500
Project Grand Total:			\$1,963,290	\$20,000	\$1,983,290

If this Amendment No. 1 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 THE COLLIN COUNTY, TX

By: _____

Date: _____