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March 10, 2023

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. 16 – 3rd Added Left Turn Storage Bay (for City of Celina)

Dear Mr. Daugherty:

As requested by the City of Celina, we are pleased to submit Amendment No. 16 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. 16 makes the following changes to the scope and fee in the original agreement, as amended through Amendment No. 15:

NEW SCOPE ITEM D.11: One (1) Added Left Turn Storage Bays – (Celina) (\$12,000 - Lump Sum):

During the construction phase of Frontier Parkway Paving and Drainage Improvements, the City of Celina has requested a new left turn storage bay (the 3rd Left Turn Bay) to be added to the project as shown on **Exhibit A** to this amendment. This Amendment No. 16 provides for the additional scope of services:

1. Design effort required to modify the plans for the two added left turn storage bays.
2. Revised Pavement Marking Plans.
3. Estimate the new quantities for the required plan changes.
4. Prepare the construction contract change order.
5. Additional Construction Administration effort.

Specifically Excluded Scope of Work

The scope of engineering design and construction administration work in this Amendment No. 16 specifically excludes coordination or evaluation of franchise utility conflicts, connecting driveway layout, parking lot design, right turn lane layouts and design, storm sewer revisions, or any other design effort on the Sage Retail Addition development site and outside the right-of-way of Frontier Parkway.

PROJECT SCHEDULE

Based on Collin County’s Full Notice to Proceed with Construction, this project is now scheduled to be complete on or before May 4, 2023.

CHANGE IN FEE

The fee schedule is hereby modified by the amounts shown under the column heading “Amendment No. 16” on **Exhibit “C”– Engineering Services Fee Schedule -Amendment No. 16.**

Total additional compensation for this Engineering Services Amendment No. 16 shall be Twelve Thousand Dollars and No Cents (\$12,000.00) Lump Sum, unless the scope of services is expanded or otherwise modified by Collin County.

If this Amendment No. 16 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,

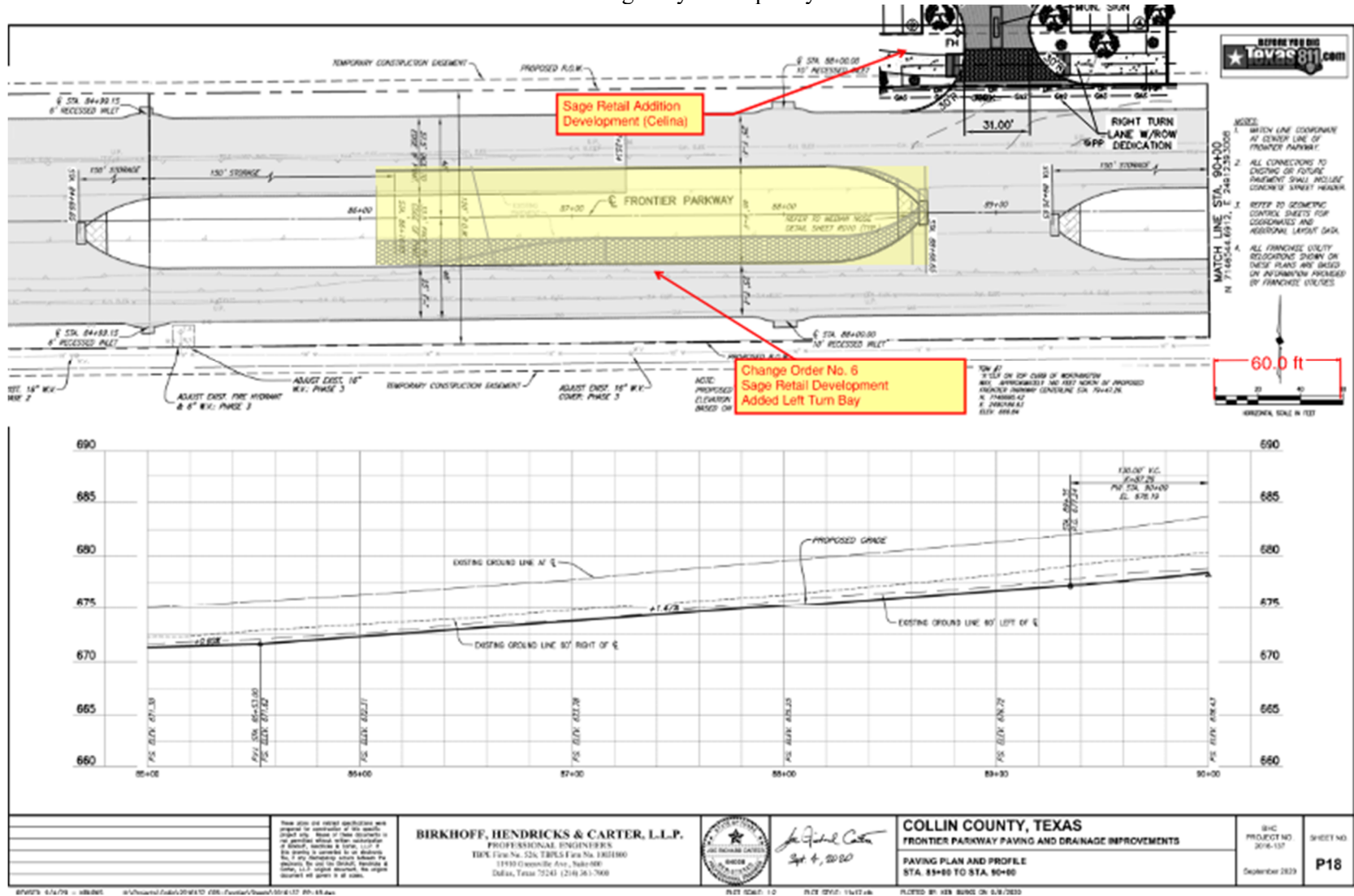
Gary C. Hendricks, P.E., R.P.L.S.

APPROVED BY COLLIN COUNTY, TEXAS

By:

Date:

EXHIBIT A
 Sage Retail Addition Development (Frontier Median Nose Sta. 88+66.65)
 New Left Turn Storage Bay Concept Layout



**Exhibit “C”
 Engineering Service Fee Schedule – Amendment No. 16**

Engineering Service Agreement Phase			Contract Amounts (\$)		
			Contract Amount Through Amendment No. 15	This Amendment No. 16	Revised Contract Amount, this Amendment No. 16
A. Basic Services Parts I -III (Lump Sum)	Part I. A.	Schematic Design	\$165,000		\$165,000
	Part I.B.	Final Design	\$1,279,340		\$1,279,340
	Part I.C.	Full Bridge Width Design with Alternate Bid for 4-lane Bridge	\$120,700		\$120,700
	Part I.D.	PISD Detention Pond Design	\$25,992		\$25,992
	Part I.E.	Prairie Crossing Road Design Phase	\$97,360		\$97,360
	Part I.E.a.	Prairie Crossing Road Bid Phase	\$0		\$0
	Part I.E.b.	Prairie Crossing Road Construction Phase	\$0		\$0
	Part I.F.	Traffic Signal Design at DNT and Preston Road	\$30,000		\$30,000
	Part I.G.	Temporary and Permanent Traffic Signal Design at Worthington and Victory Way	\$40,000		\$40,000
	Part II	Bidding Phase	\$31,750		\$31,750
	Part III.	Construction Administration	\$281,750		\$281,750
	Subtotal - Basic Services (Part A)			\$2,071,892	\$0
B. Additional Services (Hourly)	1	Field Surveys (Design, Property and Construction Support):	\$63,040		\$63,040
	2	R-O-W Map, Plats and Field Notes Descriptions (16 each):	\$79,247		\$79,247
	3	Geotechnical Investigation and Report:	\$80,326		\$80,326
	4	Flood Study:	\$28,120		\$28,120
	5	NCTCOG Environmental Form:	\$27,700		\$27,700
	6	404 Permit Application (Nationwide Permit 14):	\$38,751		\$38,751
	7	Permits (TxDOT, BNSF) and Utility Relocation Coordination:	\$89,500		\$89,500
	8	Asbestos Evaluation (4 Buildings):	\$2,215		\$2,215
	9	Project Stakeholder Design Meetings	\$50,176		\$50,176
	10	Attend Twenty(20) Additional Progress Meetings:	\$21,000		\$21,000
	11	Additional Printing of Construction Plans and Specifications:	\$5,000		\$5,000
	12	Revised Schematic Layouts, Drainage Evaluations, Cost Estimates and Coordination Meetings	\$20,870		\$20,870
	13a.	Doe Branch Tributary C Hydraulic Evaluations and Report	\$30,859		\$30,859
	13b.	Revised Flood Study for Detention Pond Design	\$8,636		\$8,636
	14	PISD Detention Pond Replat	\$15,000		\$15,000
15	Level A Sub-Surface Utility Locates	\$4,100		\$4,100	
Subtotal Additional Services (Part B)			\$564,540	\$0	\$564,540

Exhibit “C” (Continued)
Engineering Service Fee Schedule – Amendment No. 16

Engineering Service Agreement Phase			Contract Amounts (\$)		
			Contract Amount Through Amendment No. 15	This Amendment No. 16	Revised Contract Amount, this Amendment No. 16
C. Optional Services (Hourly)	1	Traffic Signal Warrant Study	\$0		\$0
	2	Street Lighting Design	\$16,000		\$16,000
	3	Full Irrigation Design Plans and Specifications	\$0		\$0
	3a	Irrigation and Lighting Conduit Sleeves Only	\$5,000		\$5,000
	4	Sidewalks and Barrier Free Ramps (TDLR \$2,085 fee Included)	\$23,500		\$23,500
	5	On-site Observation of Construction Activity	\$0		\$0
	6a	Project Visualization - Final Design Only	\$28,750		\$28,750
	6b	Project Visualization - Construction Phases	\$14,100		\$14,100
	Subtotal Optional Services (Part C)			\$87,350	\$0

D. New Developer Initiated Driveways, Median Openings and Left Turn Lanes (LUMP SUM)	1	(Reserved for Mosey Tract - Celina)	\$0		\$0
	2	Light Farms Laurel and Bartlett Phase I (Celina)	\$8,625		\$8,625
	3	Frontier Crossing (Celina)	\$5,750		\$5,750
	4	Reserved for Prose Frontier 51 -Bg-Gbt Celina 15LP (Celina)	\$0		\$0
	5	The Grove (Celina)	\$13,725		\$13,725
	6	(Reserved for Metten Tract - Proseper)	\$0		\$0
	7	(Reserved for Frisco Tollway Partners - Prosper)	\$0		\$0
	8	Victory at Frontier (Prosper)	\$4,600		\$4,600
	9	7-Eleven (Prosper)	\$5,750		\$5,750
	10	All Storage Driveway Shift (47-foot east) (Celina)	\$14,750		\$14,750
	11	Two (2) Added Left Turn Storage Bays (Celina)	\$12,000		\$12,000
	12	One (1) Added Left Turn Storage Bay (Celina)	\$0	\$12,000	\$12,000
	Subtotal - New Driveways, Median Openings and Left Turn Bays (Part D)			\$65,200	\$12,000
Engineering Services Agreement Grand Total:			\$2,788,982	\$12,000	\$2,800,982