



## Contract Amendment Six (6)

Office of the Purchasing Agent  
Collin County Administration Building  
2300 Bloomdale Rd, Ste 3160  
McKinney, TX 75071  
972-548-4165

Vendor:	Birkhoff, Hendricks & Carter L.L.P.	Effective Date	April 1, 2019
	Attn: Gary Hendricks, PE	Contract No.	2016-229
	11910 Greenville Ave., Ste 600	Contract	Frontier Parkway Improvements
	Dallas, TX 75243		

Awarded by Court Order No.:		2016-649-09-12
Amendment 1	Court Order No.:	2017-337-05-15
Amendment 2	Court Order No.:	FYI
Amendment 3	Court Order No.:	FYI
Amendment 4	Court Order No.:	2018-492-06-18
Amendment 5	Court Order No.:	2018-796-09-24
Amendment 6	Court Order No.:	FYI

YOU ARE DIRECTED TO MAKE THE FOLLOWING AMENDMENT TO THIS CONTRACT

Amendment No. 6 makes changes to the scope and fee in the original agreement. At the direction of the County, the Amendment changes are summarized as follows:

1. Eliminate the design, bid and separate construction phase services for the Prairie Crossing Road element of the project.
2. Replace the Prairie Crossing Road design services with the integrated Temporary North Service Road as shown on the attached Concept Layout.
3. Revise the plat and field note descriptions for all parcels affected by the change outlined above. This includes, but is not limited to Parcel 2B, Parcel 2C, Parcel 3, Parcel 4, Parcel 5, Parcel 7 and Parcel 8.
4. Revise and re-publish the Right-of-way Strip Map to reflect the changes in the land rights parcels caused by the North Service Road alignment change.
5. Additional field surveys required for topographic surveys and pulling up and re-setting corner monuments set for right-of-way on the above described parcels.
6. Due to the revised North Service Road segment of the project, additional archaeological field surveys on 3.5 acres and updated filing with the Texas Historic Commission required for the NCTCOG Environmental Form.
7. Reduce the number of buildings evaluated for asbestos from 4 to 1 each.
8. Defines the limits of proposed sidewalks to be included in this project.
9. Adds Level A Subsurface Utility Locates (Level A SUE) for the Atmos Gas Transmission, Cos-Serv gas main and the Grayson-Collin Electric conduit crossings of Frontier Parkway.

Original Contract:	\$ 1,963,290.00
Amendment No. 1	\$ 20,000.00
Amendment No. 2	\$ -
Amendment No. 3	\$ -
Amendment No. 4	\$ 440,190.00
Amendment No. 5	\$ 20,202.00
Amendment No. 6	\$ -
New Contract Total:	\$ 2,443,682.00

Except as provided herein, all terms and conditions of the contract remain in full force and effect and may only be modified in writing signed by both parties.

ACCEPTED BY:

Birkhoff, Hendricks & Carter L.L.P.  
Attn: Gary Hendricks, PE

ACCEPTED AND AUTHORIZED BY  
AUTHORITY OF COLLIN COUNTY  
COMMISSIONERS' COURT

Collin County Administration Building

11910 Greenville Ave., Ste 600  
Dallas, TX 75243

SIGNATURE

GARY C. HENDRICKS, P.E., R.P.L.S.  
PRINT NAME

TITLE:

DATE:

ALTERNATE MANAGING PARTNER  
03/20/2019

2300 Bloomdale Rd, Ste 3160  
McKinney, Texas 75071

Michalyn Rains, CPPD, CPPB  
Purchasing Agent

DATE:

3/21/19

**BIRKHOFF, HENDRICKS & CARTER, L.L.P.**  
**PROFESSIONAL ENGINEERS**

11910 Greenville Ave., Suite 600

Dallas, Texas 75243

Phone (214) 361-7900

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JOHN W. BIRKHOFF, P.E.  
GARY C. HENDRICKS, P.E.  
JOE R. CARTER, P.E.  
MATT HICKEY, P.E.  
ANDREW MATA, JR., P.E.  
JOSEPH T. GRAJEWSKI, III, P.E.  
DEREK B. CHANEY, P.E.  
CRAIG M. KERKHOFF, P.E.

February 21, 2019

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. 6

Dear Mr. Daugherty:

As you requested, we are pleased to submit Amendment No. 6 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. 6 makes changes to the scope and fee in the original agreement. At the direction of the County, the Amendment changes are summarized as follows:

1. Eliminate the design, bid and separate construction phase services for the Prairie Crossing Road element of the project.
2. Replace the Prairie Crossing Road design services with the integrated Temporary North Service Road as shown on the attached Concept Layout.
3. Revise the plat and field note descriptions for all parcels affected by the change outlined above. This includes, but is not limited to Parcel 2B, Parcel 2C, Parcel 3, Parcel 4, Parcel 5, Parcel 7 and Parcel 8.
4. Revise and re-publish the Right-of-way Strip Map to reflect the changes in the land rights parcels caused by the North Service Road alignment change.
5. Additional field surveys required for topographic surveys and pulling up and re-setting corner monuments set for right-of-way on the above described parcels.
6. Due to the revised North Service Road segment of the project, additional archaeological field surveys on 3.5 acres and updated filing with the Texas Historic Commission required for the NCTCOG Environmental Form.
7. Reduce the number of buildings evaluated for asbestos from 4 to 1 each.
8. Defines the limits of proposed sidewalks to be included in this project.
9. Adds Level A Subsurface Utility Locates (Level A SUE) for the Atmos Gas Transmission, Cos-Serv gas main and the Grayson-Collin Electric conduit crossings of Frontier Parkway.

## **Scope Changes – Amendment No. 6**

### **A. LUMP SUM SCOPE ITEMS: (Base Portion 4A)**

#### **Part I – Design Services**

##### **Part 1.B. (Final Design)**

The final design effort now includes the design of the Temporary North Access Road and a portion of Light Farms Road A as shown on **Exhibit No. 1** attached hereto.

The following Scope Items added under Amendment No. 5 are hereby eliminated from this project.

##### **~~Part I.E. (Prairie Crossing Design Phase):~~**

~~Includes design phase for Prairie Crossing Road to be bid as a separate project in advance of the Frontier Parkway Improvements project and to coordinate with the Frontier Parkway Improvements project related to phasing and drainage revisions resulting from the separate bid package.~~

**NOTE:** Item Part I.E. above was 80% complete when directed by the County to stop work on this scope element and has been billed accordingly.

##### **~~Part I.E.a. (New Task Item – Prairie Crossing Bid Phase):~~**

~~Includes bid phase services for Prairie Crossing Road to be bid as a separate project in advance of the Frontier Parkway Improvements project and to coordinate with the Frontier Parkway Improvements project related to quantities and specifications from the separate bid package.~~

##### **~~Part I.E.b. (New Task Item – Prairie Crossing Construction Phase):~~**

~~Includes construction phase services for Prairie Crossing Road bid as a separate project in advance of the Frontier Parkway Improvements project and separate assistance with submittal reviews, pay requests, change orders and other construction phase services in the current agreement.~~

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### **B. ADDITIONAL SERVICES SCOPE ITEMS:**

#### **Part B.1.–Field Surveys:**

Additional scope to survey for revised temporary north service road design; and setting new right of way corner monuments for revised right-of-way requirements.

#### **Part B.2.- Plat and Field Note Descriptions:**

Revise the plat and field note descriptions for all parcels affected by the change outlined above. This includes, but is not limited to Parcel 2B, Parcel 2C, Parcel 3, Parcel 4, Parcel 5, Parcel 7 and Parcel 8. Revise the project Right of Way Strip Map to reflect the changes outlined above.

#### **Part B.5. – NCTCOG Environmental Form:**

Revise the project limits to encompass approximately 3.5 acres of additional/revised area due to the North Service Road re-alignment.

**Part B.8. – Asbestos Evaluations:** Revise the number of buildings evaluated from 4 to 1 each.

**Part B.15. – Level A SUE:** Field excavate and locate the top of pipe on both the north and south sides of Frontier Parkway for the following utilities known to cross under existing Frontier Parkway:

1. Atmos 20-inch Gas Transmission Main.
2. Co-Serv Gas Main (size unknown)
3. Grayson-Collin Electric 4-inch conduit.

All field locates will be performed by our sub-consultant, Axis Construction LP of Ft. Worth, Texas utilizing hand excavation with a vacuum truck to locate the lines.

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#### **C. OPTIONAL SERVICES SCOPE ITEMS:**

**Part C.4.–Sidewalks and ramps:** Revise the scope limit as shown on the Exhibit No. 1 – Sidewalk scope limit exhibit.

#### **PROJECT SCHEDULE**

Due to delays caused by the re-configuration of Prairie Crossing and the eventual direction to re-design this element of the project, this Amendment 6 revises the Project Schedule as shown on **Exhibit B** attached hereto.

#### **CHANGE IN FEE**

The fee schedule is hereby modified by the amounts shown under the column heading “Amendment No. 6” on the “**Exhibit C** – Fee Schedule” that follows.

**Exhibit “C”**  
**Engineering Service Fee Schedule – Amendment No. 6**

Engineering Service Agreement Phase			Contract Amounts (\$)		
			Contract Amount Through Amendment No. 5	Amendment No. 6	Revised Contract Amount, this Amendment
<b>A. Basic Services Parts I-III (Lump Sum)</b>	Part I. A.	Schematic Design	\$165,000		\$165,000
	Part I.B.	Final Design	\$1,166,000	\$44,340	\$1,210,340
	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	\$121,700	(\$24,340)	\$97,360
	Part I.E.a.	Prairie Crossing Road Bid Phase	\$5,000	(\$5,000)	\$0
	Part I.E.b.	Prairie Crossing Road Construction Phase	\$15,000	(\$15,000)	\$0
	Part II	Bidding Phase	\$21,250		\$21,250
	Part III.	Construction Administration	\$206,750		\$206,750
		<b>Subtotal - Basic Services (Part A.)</b>	<b>\$1,847,392</b>	<b>\$0</b>	<b>\$1,847,392</b>
<b>B. Additional Services (Hourly)</b>	1	Field Surveys (Design, Property and Construction Support):	\$50,840	\$10,000	\$60,840
	2	R-O-W Map, Plats and Field Notes Descriptions (16 each):	\$47,400	\$20,000	\$67,400
	3	Geotechnical Investigation and Report:	\$82,199		\$82,199
	4	Flood Study:	\$24,800		\$24,800
	5	NCTCOG Environmental Form:	\$24,200	\$3,500	\$27,700
	6	404 Permit Application (Nationwide Permit 14):	\$47,751		\$47,751
	7	Permits (TxDOT, BNSF) and Utility Relocation Coordination:	\$13,000		\$13,000
	8	Asbestos Evaluation (4 Buildings):	\$11,000	(\$5,000)	\$6,000
	9	Project Stakeholder Design Meetings	\$36,600		\$36,600
	10	Attend Twenty(20) Additional Progress Meetings:	\$21,000		\$21,000
	11	Additional Printing of Construction Plans and Specifications:	\$4,000		\$4,000
	12	Revised Schematic Layouts, Drainage Evaluations, Cost Estimates and Coordination Meetings	\$20,000		\$20,000
	13a.	Doe Branch Tributary C Hydraulic Evaluations and Report	\$32,000		\$32,000
	13b.	Revised Flood Study for Detention Pond Design	\$18,000		\$18,000
	14	PISD Detention Pond Replat	\$15,000		\$15,000
	15	Level A Sub-Surface Utility Locates	\$0	\$4,500	\$4,500
		<b>Subtotal Additional Services (Part B):</b>	<b>\$447,790</b>	<b>\$33,000</b>	<b>\$480,790</b>
<b>C. Optional Services (Hourly)</b>	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	(\$14,500)	\$35,500
	3a	Irrigation and Lighting Conduit Sleeves Only	\$5,000		\$5,000
	4	Sidewalks and Barrier Free Ramps (TDLR \$2,085 fee Included)	\$42,000	(\$18,500)	\$23,500
	5	On-site Observation of Construction Activity	TBD		TBD
		<b>Subtotal Optional Services (Part C)</b>	<b>\$148,500</b>	<b>(\$33,000)</b>	<b>\$115,500</b>
<b>Engineering Services Agreement Grand Total:</b>			<b>\$2,443,682</b>	<b>\$0</b>	<b>\$2,443,682</b>

Mr. Clarence Daugherty, P.E.  
Frontier Parkway Engineering Services Agreement – Amendment No. 6  
February 21, 2019  
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If this Amendment No. 6 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 1 - North Service Road Concept Layout and Sidewalk Limits

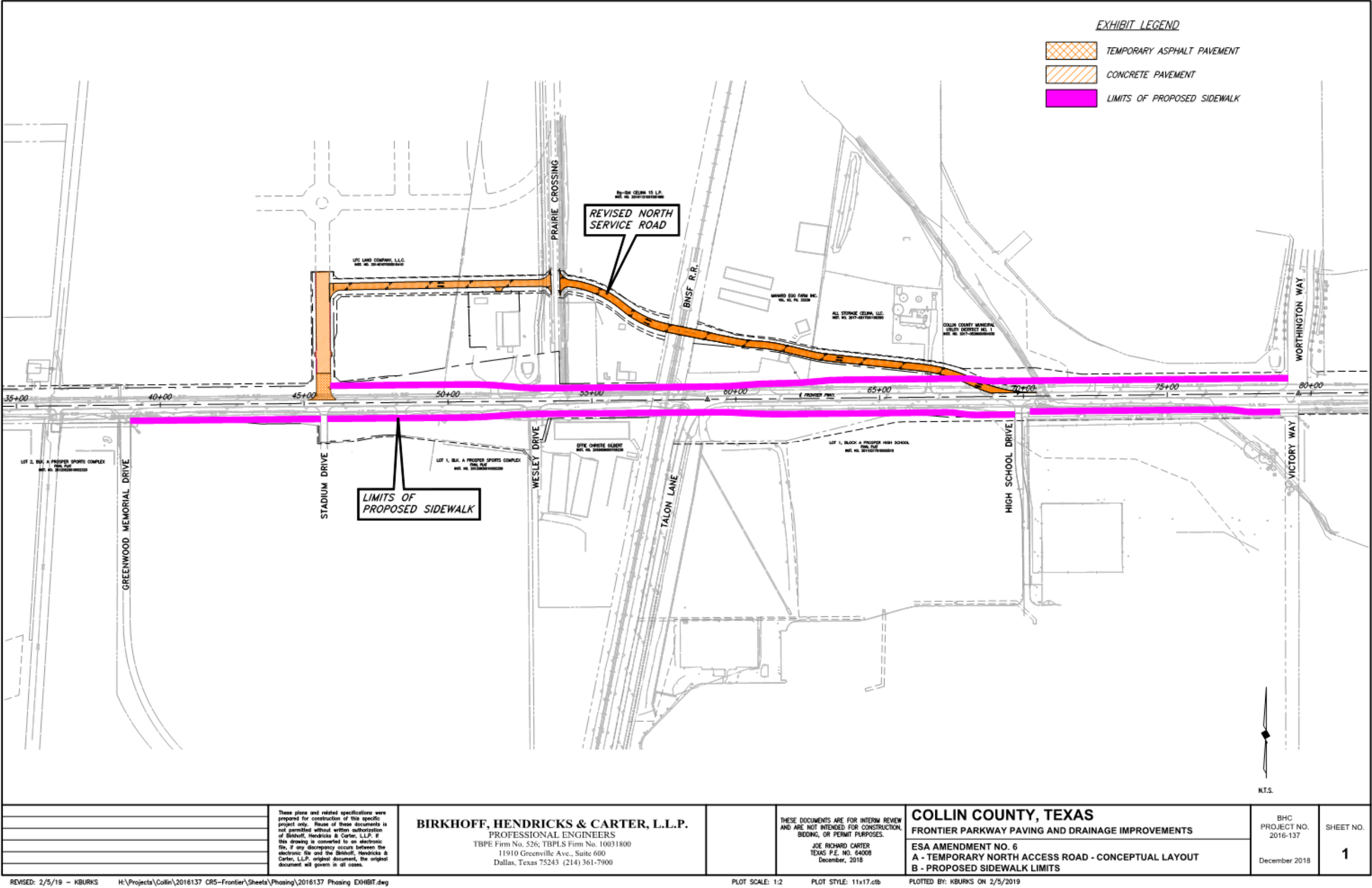
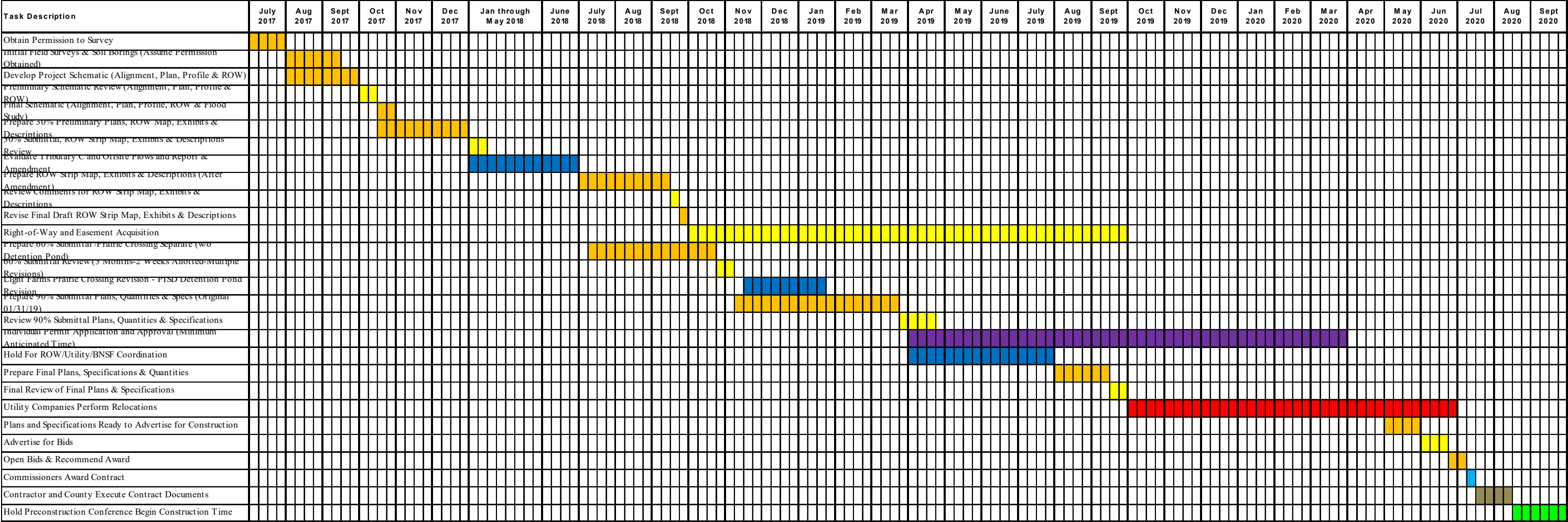




Exhibit B – Revised Project Schedule

EXHIBIT "B"  
**PROJECTED COMPLETION SCHEDULE**  
County Road 5/Frontier Parkway Paving & Drainage Improvements  
(from the Dallas North Tollway Extension to State Highway 289) INCLUDING AN OVERPASS AT THE BNSF RAILROAD  
Month begins on date Notice To Proceed is received



**Potential Schedule Delaying Factors (Outside Consultant Control)**  
Time to obtain permission to survey is shown as 1 month. Delays in obtaining permission to enter for survey purposes will extend the schedule accordingly.  
Interim reviews are shown for a duration of 2 weeks and longer review time will extend the schedule accordingly.  
Time to obtain right-of-way and easements is shown as 12 months. Aditional time required to obtain land rights will extend the schedule accordingly.  
Utility Company Relocations could take more than 8 months shown & usually will not begin until all right-of-way and easements have been acquired.

BHC Scheduled Event:

County Scheduled Event:

USACE Event:

Commissioner's Court Event:

Utility Companies Scheduled Event:

Contractor & County Scheduled Event:

Contractor Scheduled Event:

It should take approximately 24 months to complete construction of this project.