

STATE OF TEXAS §
 §
COUNTY OF FORT BEND §

**THIRD AMENDMENT TO AGREEMENT FOR
PLAN, SPECIFICATION, AND ESTIMATE DESIGN SERVICES**

THIS THIRD AMENDMENT, is made and entered into by and between Fort Bend County (hereinafter “County”), a body corporate and politic under the laws of the State of Texas, and Gannett Fleming, Inc., (hereinafter “Contractor”), a company authorized to conduct business in the State of Texas.

WHEREAS, the parties executed and accepted that certain Agreement for Plan, Specification, and Estimate Services on December 18, 2018 pursuant to SOQ 14-025, which was subsequently amended on or about July 6, 2021 and September 26, 2023, (hereinafter collectively referred to as the “Agreement”); and

WHEREAS, the parties desire to amend the Agreement to allow Contractor to provide additional Services under the Agreement and for an increase in the maximum compensation under the Agreement.

NOW, THEREFORE, the parties do mutually agree as follows:

1. County shall pay Contractor an additional amount not to exceed one hundred ninety-five thousand seven hundred twenty-nine dollars and 78/100 (\$195,729.78) to perform the additional Services, as described in Contractor’s Supplemental Scope and Fee Proposal attached hereto as Exhibit “A-3” and incorporated herein for all purposes.
2. The Maximum Compensation payable to Contractor for all Services rendered is hereby increased to an amount not to exceed five million seven hundred ninety-three thousand three hundred eighty-seven dollars and 00/100 (\$5,793,387.00), authorized as follows:
 - \$ 4,868,888.00 under the Agreement;
 - \$ 491,503.00 under the First Amendment;
 - \$ 237,266.22 under the Second Amendment; and
 - \$ 195,729.78 under this Third Amendment.
3. In no case shall the amount paid by County for all Services under the Agreement and this Amendment exceed the Maximum Compensation without an agreement executed by the parties.

4. BY ACCEPTANCE OF AGREEMENT, CONTRACTOR ACKNOWLEDGES THAT THE COUNTY IS OPPOSED TO HUMAN TRAFFICKING AND THAT NO COUNTY FUNDS WILL BE USED IN SUPPORT OF SERVICES OR ACTIVITIES THAT VIOLATE HUMAN TRAFFICKING LAWS.

Except as provided herein, all terms and conditions of the Agreement shall remain unchanged.

IN WITNESS WHEREOF, the parties hereto have signed or have caused their respective names to be signed to multiple counterparts to be effective on the date signed by the final party.

FORT BEND COUNTY

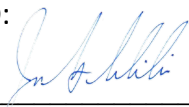
KP George, County Judge

Date

ATTEST:

Laura Richard, County Clerk

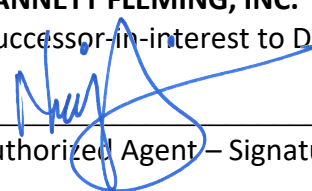
APPROVED:



J. Stacy Slawinski, P.E., County Engineer

GANNETT FLEMING, INC.

(successor-in-interest to DE Corp.)



Authorized Agent – Signature

Nick Bokaie, P.E.
Authorized Agent – Printed Name

Vice President

Title

February 12, 2025

Date

AUDITOR'S CERTIFICATE

I hereby certify that funds are available in the amount of \$ _____
to accomplish and pay the obligation of Fort Bend County under this contract.

Robert Ed Sturdivant, County Auditor

I:\AGREEMENTS\2025 Agreements\Engineering\Gannett Fleming, Inc. (21-Eng-500052-a2-A2)\Third Amendment to Agreement for Plan, Specification, & Estimate Design Services -- Gannett Fleming, Inc..docx (DRP 01.23.25)

EXHIBIT A-3



3100 West Alabama
Houston, TX 77098
P 713.520.9570

gannettfleming.com

November 12, 2024

Mr. Stacy Slawinski, P.E.
Fort Bend County Engineer
301 Jackson Street, 4th Floor
Richmond, Texas 77469

SUBJECT: **FM 521 from SH 6 to FM 2234 CSJ 0111-03-059**
Supplemental No. 3 Scope and Fee Proposal for Design Services

Dear Mr. Slawinski:

Gannett Fleming (GF) is pleased to submit for your approval the supplemental scope and fee proposal for the FM 521 expansion project from SH 6 to FM 2234 in Fort Bend County.

This supplemental proposal covers additional effort to address design modifications as directed by Fort Bend County and TxDOT. The primary design changes, as further described in Attachment B Additional Scope of Services, are as follows:

- 1) Revisions to UPRR Exhibit A Packages, including additional Design Reports as supporting documentation.
- 2) City of Pearland Coordination and Design Changes associated with Broadway Overpass
- 3) Republic Services / Blue Ridge Landfill Coordination and Design Changes associated with Broadway Overpass
- 4) Review and Design Modifications for side street tie-ins at West/East Sycamore, Ladona Street/Renfro-Burford Road, and Post Road.

Attached you will find our Supplemental Fee Proposal (Attachment A) and Additional Scope of Services (Attachment B) for the Project. We ask for your approval and execution of this contract as supported by the attached documents.

GF appreciates the opportunity to provide you with our services. If I can be of any assistance or answer any additional questions, please feel free to contact me at (713) 527-6420 or at NBokaie@gfnet.com. We look forward to working with you on this important Fort Bend County project.

Very truly yours,

Nick Bokaie, P.E.
Vice President, Houston Roadway
Gannett Fleming

Attachments

ATTACHMENT A-3
SUPPLEMENTAL NO. 3

FM 521 from FM 2234 to SH 6

November 2024

WORK ELEMENT	Design Consultant	Engineering Fees
Design Services		
Roadway Design	GF	\$ 34,559.62
Drainage Design	GF	\$ 10,571.90
Miscellaneous Roadway & TCP	GF	\$ 28,037.18
Traffic and Signing & Pavement Marking	InfraTech	\$ 7,956.96
Utility Coordination	GF	\$ 24,699.10
Management	GF	\$ 49,521.02
Extras		
Geotechnical Analysis	Associated Testing Laboratories	\$ 40,384.00
Total Management & Engineering Fees		\$ 195,729.78

ATTACHMENT A-3
FEE SCHEDULE (DEC)
METHOD OF PAYMENT: LUMP SUM

PRIME PROVIDER NAME: DEC

TASK DESCRIPTION	PROJECT MANAGER	SENIOR ENGINEER	PROJECT ENGINEER	DESIGN ENGINEER	SENIOR ENGINEER TECH	CADD OPERATOR	CLERICAL	TOTAL LABOR HRS. & COSTS	NO OF DWGS	LABOR HRS PER SHEET
ROUTE & DESIGN STUDIES (FC110)										
DATA COLLECTION								0		
FIELD RECONNAISSANCE								0		
REVIEW & CONFIRM DESIGN CRITERIA								0		
DESIGN CONCEPT CONFERENCE (FORM & MTG)								0		
PRELIMINARY COST ESTIMATES								0		
ROW REQUIREMENTS								0		
TRAFFIC DATA COLLECTION (REVIEW DATA PROVIDED BY OTHERS)								0		
PRELIMINARY CONSTRUCTION SEQUENCE								0		
								0		
HOURS SUB-TOTALS	0	0	0	0	0	0	0	0		
CONTRACT RATE PER HOUR	\$247.30	\$200.93	\$170.02	\$154.56	\$123.65	\$108.19	\$92.74			
TOTAL LABOR COSTS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
SUBTOTAL (FC110)								\$0.00		

TASK DESCRIPTION	PROJECT MANAGER	SENIOR ENGINEER	PROJECT ENGINEER	DESIGN ENGINEER	SENIOR ENGINEER TECH	CADD OPERATOR	CLERICAL	TOTAL LABOR HRS. & COSTS	NO OF DWGS	LABOR HRS PER SHEET
ENVIRONMENTAL STUDIES & PUBLIC INVOLVEMENT (FC120)										
INFORMAL MEETINGS WITH PUBLIC, OTHER AGENCIES, STAKEHOLDERS (5 Meetings)								0		
REVIEW OF ENVIRONMENTAL STUDY								0		
EPIC SHEETS								0		
USACE PERMIT EXHIBITS & CALCULATIONS								0		
HOURS SUB-TOTALS	0	0	0	0	0	0	0	0		
CONTRACT RATE PER HOUR	\$247.30	\$200.93	\$170.02	\$154.56	\$123.65	\$108.19	\$92.74			
TOTAL LABOR COSTS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
SUBTOTAL (FC120)								\$0.00		

TASK DESCRIPTION	PROJECT MANAGER	SENIOR ENGINEER	PROJECT ENGINEER	DESIGN ENGINEER	SENIOR ENGINEER TECH	CADD OPERATOR	CLERICAL	TOTAL LABOR HRS. & COSTS	NO OF DWGS	LABOR HRS PER SHEET
RIGHT OF WAY DATA (FC130)										
								0		
COORDINATION OF UTILITY ENGINEERING ACTIVITIES	4	4	8		8			24		
UTILITY COORDINATION MEETINGS (City of Pearland)	8	2	8				4	22		
CITY OF PEARLAND EXHIBIT	4	2	4		16			26	1	26.0
PROPOSED UTILITY PLAN & PROFILE (City of Pearland)	4	2	4	8	40			58	2	29.0
REVIEW UTILITY AGREEMENTS, JOINT USE AGREEMENTS, LONOS	8	4	8					20		
HOURS SUB-TOTALS	28	14	32	8	64	0	4	150		
CONTRACT RATE PER HOUR	\$247.30	\$200.93	\$170.02	\$154.56	\$123.65	\$108.19	\$92.74			
TOTAL LABOR COSTS	\$6,924.40	\$2,813.02	\$5,440.64	\$1,236.48	\$7,913.60	\$0.00	\$370.96	\$24,699.10		
SUBTOTAL (FC130)								\$24,699.10		

TASK DESCRIPTION	PROJECT MANAGER	SENIOR ENGINEER	PROJECT ENGINEER	DESIGN ENGINEER	SENIOR ENGINEER TECH	CADD OPERATOR	CLERICAL	TOTAL LABOR HRS. & COSTS	NO OF DWGS	LABOR HRS PER SHEET
PROJECT MANAGEMENT (FC145)										
COORDINATION W/ SUBCONSULTANTS	16		30				8	54		
COORDINATION WITH COUNTY, CITY, AND TXDOT	60		80				16	156		
COORDINATION WITH COUNTY'S CONSULTANTS	16		30				8	54		
PROJECT SCHEDULE AND BUDGET ESTIMATE UPDATES								0		
PREPARE INVOICES W/ PROGRESS REPORTS								0		
HOURS SUB-TOTALS	92	0	140	0	0	0	32	264		
CONTRACT RATE PER HOUR	\$247.30	\$200.93	\$170.02	\$154.56	\$123.65	\$108.19	\$92.74			
TOTAL LABOR COSTS	\$22,751.23	\$0.00	\$23,802.24	\$0.00	\$0.00	\$0.00	\$2,967.55	\$49,521.02		
SUBTOTAL (FC145)								\$49,521.02		

TASK DESCRIPTION	PROJECT MANAGER	SENIOR ENGINEER	PROJECT ENGINEER	DESIGN ENGINEER	SENIOR ENGINEER TECH	CADD OPERATOR	CLERICAL	TOTAL LABOR HRS. & COSTS	NO OF DWGS	LABOR HRS PER SHEET
SURVEYING (FC150)										
VERIFY SURVEY CONTROL								0		
REVIEW TOPO AND DTM PROVIDED BY OTHERS								0		
COORDINATE SURVEYS								0		
UTILITY DESIGNATION (QUALITY LEVEL B)								0		
UTILITY LOCATE (TEST HOLES) (QUALITY LEVEL A)								0		
HOURS SUB-TOTALS	0	0	0	0	0	0	0	0		
CONTRACT RATE PER HOUR	\$247.30	\$200.93	\$170.02	\$154.56	\$123.65	\$108.19	\$92.74			
TOTAL LABOR COSTS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
SUBTOTAL (FC150)								\$0.00		
TASK DESCRIPTION	PROJECT MANAGER	SENIOR ENGINEER	PROJECT ENGINEER	DESIGN ENGINEER	SENIOR ENGINEER TECH	CADD OPERATOR	CLERICAL	TOTAL LABOR HRS. & COSTS	NO OF DWGS	LABOR HRS PER SHEET
ROADWAY DESIGN CONTROLS (FC160)										
HORIZONTAL ALIGNMENT DATA SHEETS								0		
EXISTING TYPICAL SECTIONS								0		
PROPOSED TYPICAL SECTIONS								0		
ROADWAY PLAN AND PROFILE (SCALE: H 1"=100' V 1"=10')								0		
CROSS STREET ROADWAY PLAN AND PROFILE (SCALE: H 1"=100' V 1"=10')	4	12	16	40		100		172	8	21.5
INTERSECTION LAYOUTS								0		
DRIVEWAY DETAIL AND SUMMARY								0		
REMOVAL PLANS (SCALE 1"=100') (Double Banked)								0		
EARTHWORK CROSS SECTIONS AND CORRIDOR MODEL	4	4	8	24		20		60	6	10.0
MISCELLANEOUS ROADWAY DETAILS								0		
ROADWAY STANDARDS								0		
SUMMARY OF ROADWAY QUANTITY SHEETS		2	2	8		4		16	2	8.0
SUMMARY OF REMOVAL QUANTITY SHEETS								0		
SUMMARY OF EARTHWORK QUANTITY SHEETS								0		
DETERMINATION OF DESIGN EXCEPTIONS/WAIVERS								0		
HOURS SUB-TOTALS	8	18	26	72	0	124	0	248		
CONTRACT RATE PER HOUR	\$247.30	\$200.93	\$170.02	\$154.56	\$123.65	\$108.19	\$92.74			
TOTAL LABOR COSTS	\$1,978.37	\$3,616.70	\$4,420.42	\$11,128.32	\$0.00	\$13,415.81	\$0.00	\$34,559.62		
SUBTOTAL (FC160)								\$34,559.62		

TASK DESCRIPTION	PROJECT MANAGER	SENIOR ENGINEER	PROJECT ENGINEER	DESIGN ENGINEER	SENIOR ENGINEER TECH	CADD OPERATOR	CLERICAL	TOTAL LABOR HRS. & COSTS	NO OF DWGS	LABOR HRS PER SHEET
DRAINAGE (FC161)										
REVIEW DRAINAGE IMPACT STUDY								0		
OVERALL DRAINAGE AREA MAP								0		
DRAINAGE AREA MAPS								0		
DRAINAGE PLAN & PROFILE (SCALE: H 1"=100' V 1"=10')	4	4	8	20		40		76	8	9.5
DRAINAGE HYDRAULIC COMPUTATIONS (GEOPAK DRAINAGE)								0		
DRAINAGE CROSS CULVERT LAYOUT								0		
BRIDGE HYDRAULIC DATA SHEETS								0		
BRIDGE CLASS CULVERT HYDRAULIC DATA SHEETS								0		
DRAINAGE LATERAL PROFILES								0		
BCS SHEET (12 CULVERTS)								0		
MISCELLANEOUS DRAINAGE DETAILS								0		
DETENTION POND LAYOUTS (POND N)								0		
DETENTION POND DETAILS								0		
DRAINAGE STANDARDS								0		
SUMMARY OF DRAINAGE QUANTITY SHEETS								0		
SW3P PLAN								0		
SW3P LAYOUTS (SCALE 1"=100')								0	2	0.0
SW3P STANDARDS								0		
SUMMARY OF SW3P QUANTITY SHEETS								0		
HOURS SUB-TOTALS	4	4	8	20	0	40	0	76		
CONTRACT RATE PER HOUR	\$247.30	\$200.93	\$170.02	\$154.56	\$123.65	\$108.19	\$92.74			
TOTAL LABOR COSTS	\$989.18	\$803.71	\$1,360.13	\$3,091.20	\$0.00	\$4,327.68	\$0.00	\$10,571.90		
SUBTOTAL (FC161)								\$10,571.90		

TASK DESCRIPTION	PROJECT MANAGER	SENIOR ENGINEER	PROJECT ENGINEER	DESIGN ENGINEER	SENIOR ENGINEER TECH	CADD OPERATOR	CLERICAL	TOTAL LABOR HRS. & COSTS	NO OF DWGS	LABOR HRS PER SHEET
MISCELLANEOUS (ROADWAY) (FC163)										
TITLE SHEET								0		
INDEX OF SHEETS								0		
PROJECT LAYOUTS (SCALE 1"=100') (Double Banked)								0		
SOIL BORING LAYOUTS (SCALE 1"=400') (Double Banked)								0		
SOIL BORING LOGS								0		
HORIZONTAL AND VERTICAL SURVEY CONTROL INDEX								0		
HORIZONTAL AND VERTICAL SURVEY CONTROL SHEETS								0		
TRAFFIC CONTROL PLAN NARRATIVE								0		
ADVANCE WARNING SIGNS								0		
OVERALL CONSTRUCTION PHASING LAYOUT								0		
TRAFFIC CONTROL TYPICAL SECTIONS								0		
TRAFFIC CONTROL PLANS								0		
TRAFFIC CONTROL STANDARDS								0		
SUMMARY OF TRAFFIC CONTROL QUANTITY SHEETS								0		
TRAFFIC CONTROL WORKSHOP								0		

SAFETY REVIEW TEAM MEETING								0		
RETAINING WALL LAYOUTS								0		
RETAINING WALL STANDARDS								0		
SUMMARY OF RETAINING WALL QUANTITY SHEETS								0		
RAILROAD EXHIBIT A PACKAGES								0		
RR SCOPE OF WORK SHEETS	2	8	8	16		24		58	13	4.5
EXHIBIT A PACKAGE - EVERGREEN DRAINAGE CROSSING (Update)	2	2	4	8		8		24	5	4.8
DESIGN SUMMARY REPORT FOR 6'X3' RCB AT BROADWAY	4	12	8	40		16		80		
								0		
PERMIT REVIEW FOR NEW DEVELOPMENT - Shadow Grove Lane	4	4	8					16		
HOURS SUB-TOTALS	12	26	28	64	0	48	0	178		
CONTRACT RATE PER HOUR	\$247.30	\$200.93	\$170.02	\$154.56	\$123.65	\$108.19	\$92.74			
TOTAL LABOR COSTS	\$2,967.55	\$5,224.13	\$4,760.45	\$9,891.84	\$0.00	\$5,193.22	\$0.00	\$28,037.18		
SUBTOTAL (FC163)								\$28,037.18		

TASK DESCRIPTION	PROJECT MANAGER	SENIOR ENGINEER	PROJECT ENGINEER	DESIGN ENGINEER	SENIOR ENGINEER TECH	CADD OPERATOR	CLERICAL	TOTAL LABOR HRS. & COSTS	NO OF DWGS	LABOR HRS PER SHEET
BRIDGE DESIGN (FC170)										
CLEAR CREEK NORTH BRIDGE LAYOUT								0		
TYPICAL SECTIONS								0		
BRIDGE QUANTITIES								0		
ABUTMENT PLANS & CAP ELEVATION DETAILS								0		
CONCRETE SLAB BEAM SPAN								0		
CLEAR CREEK SOUTH BRIDGE LAYOUT								0		
TYPICAL SECTIONS								0		
BRIDGE QUANTITIES								0		
ABUTMENT PLANS								0		
FRAMING PLAN								0		
PRESTRESSED CONCRETE GIRDER UNIT								0		
FBC DITCH A BRIDGE LAYOUT								0		
TYPICAL SECTIONS								0		
BRIDGE QUANTITIES								0		
ABUTMENT PLANS & CAP ELEVATION DETAILS								0		
CONCRETE SLAB BEAM SPAN								0		
AMERICAN CANAL BRIDGE LAYOUT								0		
TYPICAL SECTIONS								0		
BRIDGE QUANTITIES								0		
ABUTMENT PLANS & CAP ELEVATION DETAILS								0		
CONCRETE SLAB BEAM SPAN								0		
MUSTANG BAYOU BRIDGE LAYOUT								0		
TYPICAL SECTIONS								0		
BRIDGE QUANTITIES								0		
ABUTMENT PLANS & CAP ELEVATION DETAILS								0		
CONCRETE SLAB BEAM SPAN								0		

HOURS SUB-TOTALS	0	0	0	0	0	0	0	0		
CONTRACT RATE PER HOUR	\$247.30	\$200.93	\$170.02	\$154.56	\$123.65	\$108.19	\$92.74			
TOTAL LABOR COSTS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
SUBTOTAL (FC170) (DEC)								\$0.00		

DESCRIPTION							TOTAL MH BY FC	TOTAL COSTS BY FC
SUMMARY								
ROUTE & DESIGN STUDIES (FC110)							0	\$0.00
ENVIRONMENTAL STUDIES & PUBLIC INVOLVEMENT (FC120)							0	\$0.00
RIGHT OF WAY DATA (FC130)							150	\$24,699.10
PROJECT MANAGEMENT (FC145)							264	\$49,521.02
SURVEYING (FC150)							0	\$0.00
ROADWAY DESIGN CONTROLS (FC160)							248	\$34,559.62
DRAINAGE (FC161)							76	\$10,571.90
MISCELLANEOUS (ROADWAY) (FC163)							178	\$28,037.18
BRIDGE DESIGN (FC170)							0	\$0.00
CONSTRUCTION PHASE SERVICES (FC 309) - T&M							0	\$0.00
SUBTOTAL LABOR EXPENSES							916	\$147,388.82
OTHER DIRECT EXPENSES	QUANTITY	RATE	UNIT					
Mileage (# of miles) (0.550)	0	\$0.550	MI					\$0.00
Courier Services	0	\$30.00	EACH					\$0.00
Photocopies 8.5x11	0	\$0.10	EACH					\$0.00
Photocopies 11x17	0	\$0.25	EACH					\$0.00
Plot (Color on Bond)	0	\$3.50	SF					\$0.00
TAS Compliance Review	0	\$2,150.00	EACH					\$0.00
SUBTOTAL DIRECT EXPENSES								\$0.00

SUMMARY	
TOTAL COSTS FOR PRIME ONLY(includes multiplier)	\$147,388.82
NON-SALARY (OTHER DIRECT EXPENSES)	\$0.00
SUBCONTRACTS (includes labor costs and direct expenses)	\$0.00
GRAND TOTAL	\$147,388.82

ATTACHMENT A
FEE SCHEDULE (infraTECH)- SW4
METHOD OF PAYMENT: LUMP SUM

PRIME PROVIDER NAME: Dannenbaum

CONTRACT NUMBER:

PROJECT NAME: FM 521 Widening from Shadow Creek to SH 6

PROJECT LIMITS: Sta. 161+50 - 442+00 (FM 521)

TASK DESCRIPTION	SENIOR PROJECT MANAGER	PROJECT ENGINEER	DESIGN ENGINEER	EIT	TOTAL LABOR HRS. & COSTS	NO OF DWGS	LABOR HRS PER SHEET
SIGNING & PAVEMENT MARKING (FC162)							
BROADWAY ST							
SIGNING & PAVEMENT MARKING LAYOUT REVISIONS	2		8	32	42	8	5
					0		
HOURS SUB-TOTALS	2	0	8	32	42	8	
CONTRACT RATE PER HOUR	\$193.60	\$150.04	\$123.42	\$82.28			
TOTAL LABOR COSTS	\$387.20	\$0.00	\$987.36	\$2,632.96	\$4,007.52		
SUBTOTAL (FC 162)					\$4,007.52		

TASK DESCRIPTION	SENIOR PROJECT MANAGER	PROJECT ENGINEER	DESIGN ENGINEER	EIT	TOTAL LABOR HRS. & COSTS	NO OF DWGS	LABOR HRS PER SHEET
TRAFFIC SIGNALS (FC162) (ADDITIONAL)							
TRAFFIC SIGNAL WARRANTS							
H. BROADWAY AT REPUBLIC SERVICES	4	8		24	36		#DIV/0!
HOURS SUB-TOTALS	4	8	0	24	36	0	
CONTRACT RATE PER HOUR	\$193.60	\$150.04	\$123.42	\$82.28			
TOTAL LABOR COSTS	\$774.40	\$1,200.32	\$0.00	\$1,974.72	\$3,949.44		
SUBTOTAL (FC 162)					\$3,949.44		

SUMMARY	
TOTAL COSTS FOR PRIME ONLY(includes multiplier)	\$7,956.96
NON-SALARY (OTHER DIRECT EXPENSES)	\$0.00
SUBCONTRACTS (includes labor costs and direct expenses)	\$0.00
GRAND TOTAL	\$7,956.96

Geotechnical Investigation Proposal
G19-116 FM521 Railroad

Fort Bend County, Texas
ATL Proposal No. GP2024-0916
September 23, 2024



ITEMIZED GEOECHANICAL FEE ESTIMATE
G19-116 FM521 Railroad

D. ANALYSES & REPORT PREPARATION				
		Unit	Unit Rate	Amount
Senior Engineer (P.E.)	120	hrs.	\$218.00	\$26,160.00
Project Manager (P.E.)	40	hrs.	\$176.00	\$7,040.00
Graduate Engineer	16	hrs.	\$122.00	\$1,952.00
2019 Report Review	8	hrs.	\$218.00	\$1,744.00
Railroad Guidelines & Standards Review	16	hrs.	\$218.00	\$3,488.00
Meetings	0	each	\$1,000.00	\$0.00
Finite Element Analysis Software License				\$0.00
SUBTOTAL				\$40,384.00
TOTAL ESTIMATED FEE OF PROPOSED SCOPE				

**ATTACHMENT B-3
SUPPLEMENTAL NO. 3
ADDITIONAL SCOPE OF SERVICES**

FM 521 Widening and Reconstruction

County: Fort Bend

Highway: FM 521

Limits: SH 6 to FM 2234 (Sta 161+51 to 442+00)

1. UPRR Exhibit A Packages

Based on direction from TxDOT District and RR Division in Austin, new UPRR documents were prepared, and previously submitted documents were revised to accommodate new standards and requirements. Additional Scope items associated with this change include the following:

- Updated RR Scope of Work Sheets were required due to an updated form issued by TxDOT.
- A new proposed steel drainage pipe crossing UPRR at Evergreen required new plans and a separate Exhibit A Package.
- UPRR required the following reports for the proposed 6'x3' RCB crossing the RR tracks at Broadway, a drainage crossing that was added during design to accommodate drainage from Fort Bend County's Lake Olympia Parkway project:
 - 1) Design Summary Report with Calculations, Installation Method, Track and Ground Monitoring Plan, and Coupler System for box culvert joints.
 - 2) Geotechnical Report and Quantitative Surface Settlement Analysis to verify installation feasibility.

2. City of Pearland Coordination and Design Changes

Gannett Fleming (GF) coordinated with the City of Pearland, TxDOT, and Fort Bend County to finalize an agreement between the City and TxDOT. Additional Scope items associated with this task include:

- Coordination with TxDOT and City to facilitate transfer of Parcel 115 ROW to TxDOT.
- Preparation of Exhibits to define TxDOT's maintenance limits and impacts to the City's facilities from construction of the Broadway Overpass (street lighting, irrigation, utilities, etc.).

- Revisions to proposed North and South Access Road (Broadway Street) Traffic Signals to remove City requirements, including Gridsmart Vehicle Detection System and black powder coating.
- Review of new proposed traffic signal at Shadow Grove Lane, including changes to Broadway Street Plan & Profile sheets and Signing and Pavement Marking Plans.
- Preparation of Utility Relocation Plan & Profile sheets and Standard Utility Agreement to provide water and sanitary sewer access to the remaining property south of the South Access Road. TxDOT will add the relocation work to their contract via a change order.

3. Republic Services / Blue Ridge Landfill

Gannett Fleming (GF) coordinated with the Republic Services, TxDOT, and Fort Bend County to finalize acquisition of the property for the FM 521 and Lake Olympia Parkway projects. Additional Scope items associated with this task include:

- Monthly meetings to discuss the project and resolve questions and concerns from Republic Services.
- Revision of the Broadway Street Plan & Profile sheets to accommodate the following requests from Republic Services:
 - 1) Add a right-turn lane to their property.
 - 2) Re-align the proposed driveway tie-in.
 - 3) Reconfigure the proposed median opening.
- Review of request from Republic Services to add new traffic signal at driveway to landfill, including signal warrant analysis and technical memo documenting the results.

4. Side Street Modifications

Per direction from Fort Bend County, GF will review the updated design information and revise the FM 521 plans at the following side street tie-ins:

- West and East Sycamore Street
- Ladona Street / Renfro-Burford Road
- Post Road