

STATE OF TEXAS §
 §
COUNTY OF FORT BEND §

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

THIS SECOND 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 Dannenbaum Engineering Corporation, (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, (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, for an increase in the maximum compensation and to extend the time for completion of services.

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

1. County shall pay Contractor an additional amount not to exceed two hundred thirty-seven thousand two hundred sixty-six dollars and 22/100 (\$237,266.22) to perform the additional Services, as described in Contractor’s Supplemental Scope and Fee Proposal attached hereto as Exhibit “A-2” 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 five hundred ninety-seven thousand six hundred fifty-seven dollars and 22/100 (\$5,597,657.22), authorized as follows:
 - \$ 4,868,888.00 under the Agreement; and
 - \$ 491,503.00 under the First Amendment; and
 - \$ 237,266.22 under this Second 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. Time for performance of the Services under this Agreement, as amended, shall begin with receipt of the Notice to Proceed from County and shall be extended

to end no later than 11:59 pm on December 31, 2026. Contractor shall complete the tasks described in the Scope of Services and in Exhibit "A-2" attached hereto, within this time or within such additional time as may be extended by County.

- 5. 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

DANNENBAUM ENGINEERING CORPORATION

KP George, County Judge



Authorized Agent – Signature

Date

Nick Bokaie, PE

Authorized Agent – Printed Name

ATTEST:

Chief Operating Officer
Title

Laura Richard, County Clerk

September 5, 2023

Date

APPROVED: 

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

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\2023 Agreements\Engineering\Dannenbaum Engineering (21-Eng-500052-A2)\Amend 2 - PS&E Design Svcs.FM 521.DEC.docx (LSL .8/31/2023)

EXHIBIT A-2



DE Corp.
3100 West Alabama, Houston, TX 77098
P.O. BOX 22292 Houston, TX 77227
(713) 520-9570

May 19, 2023

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. 2 Scope and Fee Proposal for Design Services

Dear Mr. Slawinski:

DE Corp. (DEC) is pleased to submit for your approval a supplemental scope and fee proposal for the Plan, Specification, and Estimate (PS&E) Design Services for the FM 521 expansion project from SH 6 to FM 2234 in Fort Bend County.

This supplemental proposal covers additional effort and plan revisions to address design modifications as directed by TxDOT in the final design stages through letting in April 2023. The primary design changes, as further described in Attachment B Scope of Services Modifications, are as follows:

- 1) UPRR Exhibit A Packages
- 2) Management Plan
- 3) East Sycamore widening
- 4) Evergreen modifications
- 5) ROW Mapping
- 6) Participation in VE Study

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

DEC 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 Nick.Bokaie@decorp.com. We look forward to working with you on this important Fort Bend County project.

Very truly yours,

Nick Bokaie, P.E.
Principal, Houston Transportation Division
DEC

Attachments

ATTACHMENT A
SUPPLEMENTAL NO. 2

FM 521 from FM 2234 to SH 6

MAY 2023

WORK ELEMENT	Design Consultant	Engineering Fees
Final PS&E Engineering		
Roadway Design	DEC	\$ 29,783.72
Drainage Design	DEC	\$ 14,466.82
Miscellaneous Roadway & TCP	DEC	\$ 119,505.79
Management	DEC	\$ 47,109.89
Extras		
ROW Parcel Mapping	LJA	\$ 26,400.00
Total Management & Engineering Fees		\$ 237,266.22

**ATTACHMENT B
SUPPLEMENTAL NO. 2
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, UPRR documents were revised to accommodate new standards and requirements. Additional Scope items associated with this change include the following:

- RR Scope of Work Sheets were divided into thirteen (13) separate sheets and updated with new TxDOT standard.
- Preemption forms were updated based on new requirements.
- Exhibit A document was subdivided from a single package to seven (7) separate packages.

2. Management Plan

DEC prepared a Management Plan (MP) to identify unresolved items prior to project letting and explain how construction activities could be phased around uncleared items such as UPRR Agreements, Utility Relocations, and Right of Way Acquisition. Preparation of the MP included updates to the Certifications, TCP, and Time Determination Schedule with multiple iterations and reviews by Houston District and Austin.

3. East Sycamore Widening

Per direction from Fort Bend County, the FM 521 plans were revised to accommodate the widening of Sycamore underway by Fort Bend County's consultant Isani. Changes included Roadway Geometry, Roadway Plan & Profile, Drainage Plan & Profile, Traffic Control Plans, Signing & Pavement Marking, and SW3P.

4. Evergreen Modifications

Per direction from Fort Bend County, the FM 521 plans were revised to accommodate the widening of Evergreen underway by Fort Bend County's consultant AIG. Changes included Roadway Geometry, Roadway Plan & Profile, Drainage Plan & Profile, Traffic Control Plans, Signing & Pavement Marking, and SW3P.

5. ROW Mapping Update (FC 130) (by LJA)

Following completion of ROW Mapping, Parcels Plats, and Property Descriptions, additional mapping was required for new property at East Sycamore and Broadway.

ROW Mapping modifications included:

- Update ROW Map of the Project certifying to a Cat. 1B, Cond. II ROW Survey to be delivered in PDF format.
- Update Parcel Surveys (Cat. 1A; Cond. II) - Prepare metes and bounds descriptions in accordance with TxDOT guidelines for property acquisition and add parcels to the ROW maps.

6. VE Study

DEC prepared exhibits, documents, cost estimates and other requested information for VE Study required by TxDOT. DEC participated in the Meetings, answered questions, and met with TxDOT and their consultant to complete the Study.

**ATTACHMENT A
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)										
ROW DELINEATION (REVIEW & VERIFY SURVEY MAPPING PROVIDED BY OTHERS)								0		
COORDINATION OF UTILITY ENGINEERING ACTIVITIES								0		
HOUSTON DISTRICT UTILITY COOPERATIVE PROCESS (ATTEND 30, 60, 90% MTGS)								0		
UTILITY COMPANY COORDINATION MTGS (10 ENTITIES & 20 MTGS)								0		
REVIEW UTILITY'S PROPOSED ADJUSTMENTS (10 ENTITIES)								0		
PROPOSED UTILITY PLAN & PROFILE								0		
REVIEW UTILITY AGREEMENTS, JOINT USE AGREEMENTS, LONOS								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 (FC130)								\$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
PROJECT MANAGEMENT (FC145)										
COORDINATION W/ SUBCONSULTANTS	16		40				12	68		
COORDINATION WITH COUNTY AND TXDOT	40		60				20	120		
COORDINATION WITH COUNTY'S CONSULTANTS	40		20					60		
PROGRESS MEETINGS (12 ESTIMATED)								0		
PROJECT SCHEDULE AND BUDGET ESTIMATE UPDATES								0		
PREPARE INVOICES W/ PROGRESS REPORTS								0		
HOURS SUB-TOTALS	96	0	120	0	0	0	32	248		
CONTRACT RATE PER HOUR	\$247.30	\$200.93	\$170.02	\$154.56	\$123.65	\$108.19	\$92.74			
TOTAL LABOR COSTS	\$23,740.42	\$0.00	\$20,401.92	\$0.00	\$0.00	\$0.00	\$2,967.55	\$47,109.89		
SUBTOTAL (FC145)								\$47,109.89		

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	8		8					16		
UTILITY DESIGNATION (QUALITY LEVEL B)								0		
UTILITY LOCATE (TEST HOLES) (QUALITY LEVEL A)								0		
HOURS SUB-TOTALS	8	0	8	0	0	0	0	16		
CONTRACT RATE PER HOUR	\$247.30	\$200.93	\$170.02	\$154.56	\$123.65	\$108.19	\$92.74			
TOTAL LABOR COSTS	\$1,978.37	\$0.00	\$1,360.13	\$0.00	\$0.00	\$0.00	\$0.00	\$3,338.50		
SUBTOTAL (FC150)								\$3,338.50		

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			1	2		4		7	1	7.0
EXISTING TYPICAL SECTIONS								0		
PROPOSED TYPICAL SECTIONS								0		
ROADWAY PLAN AND PROFILE (SCALE: H 1"=100' V 1"=10')		4	4	8		8		24	2	12.0
CROSS STREET ROADWAY PLAN AND PROFILE (SCALE: H 1"=100' V 1"=10')		2	8	16		24		50	3	16.7
INTERSECTION LAYOUTS								0		
DRIVEWAY DETAIL AND SUMMARY			4	4		4		12	2	6.0
REMOVAL PLANS (SCALE 1"=100') (Double Banked)			4	4		8		16	2	8.0
EARTHWORK CROSS SECTIONS AND CORRIDOR MODEL		4	8	40		8		60	6	10.0
MISCELLANEOUS ROADWAY DETAILS								0		
ROADWAY STANDARDS								0		
SUMMARY OF ROADWAY QUANTITY SHEETS		1	1	2		4		8	2	4.0
SUMMARY OF REMOVAL QUANTITY SHEETS		1	1	2		2		6	1	6.0
SUMMARY OF EARTHWORK QUANTITY SHEETS								0		
DETERMINATION OF DESIGN EXCEPTIONS/WAIVERS								0		
HOURS SUB-TOTALS	0	12	31	78	0	62	0	183	19	
CONTRACT RATE PER HOUR	\$247.30	\$200.93	\$170.02	\$154.56	\$123.65	\$108.19	\$92.74			
TOTAL LABOR COSTS	\$0.00	\$2,411.14	\$5,270.50	\$12,055.68	\$0.00	\$6,707.90	\$0.00	\$26,445.22		
SUBTOTAL (FC160)								\$26,445.22		

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		2	4	4		8		18	2	9.0
DRAINAGE PLAN & PROFILE (SCALE: H 1"=100' V 1"=10')		2	4	12		16		34	4	8.5
DRAINAGE HYDRAULIC COMPUTATIONS (GEOPAK DRAINAGE)		2	4	12		12		30	8	3.8
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')		2	4	4		12		22	2	11.0
SW3P STANDARDS								0		
SUMMARY OF SW3P QUANTITY SHEETS								0		
HOURS SUB-TOTALS	0	8	16	32	0	48	0	104	2	
CONTRACT RATE PER HOUR	\$247.30	\$200.93	\$170.02	\$154.56	\$123.65	\$108.19	\$92.74			
TOTAL LABOR COSTS	\$0.00	\$1,607.42	\$2,720.26	\$4,945.92	\$0.00	\$5,193.22	\$0.00	\$14,466.82		
SUBTOTAL (FC161)								\$14,466.82		

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		2	8	20		20		50	17	2.9
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	10	10	24		24		70	13	5.4
EXHIBIT A PACKAGE 1 - AT-GRADE TIE-INS	2	4	16	20		30		72	58	1.2
EXHIBIT A PACKAGE 2 - BROADWAY OVERPASS	2	6	16	20		24		68	43	1.6
EXHIBIT A PACKAGE 3 - EVERGREEN CROSSING	2	4	8	12		24		50	27	1.9
EXHIBIT A PACKAGE 4 - WEST DALLAS CROSSING	2	4	8	12		24		50	28	1.8
EXHIBIT A PACKAGE 5 - WEST SYCAMORE CROSSING	2	4	8	12		24		50	28	1.8
EXHIBIT A PACKAGE 6 - WEST DAVIS CROSSING	2	4	8	12		16		42	24	1.8
EXHIBIT A PACKAGE 7 - EVERGREEN DRAINAGE CROSSING	2	4	6	8		16		36	18	2.0
COMPUTE & TABULATE QUANTITIES (30, 60, 90 & FINAL)								0		
CONSTRUCTION COST ESTIMATE & DCIS INPUT (30, 60, 90 & FINAL)								0		
GENERAL NOTES, SPECIFICATIONS AND PROVISIONS								0		
ESTIMATE & QUANTITY SUMMARY SHEETS								0		
CONSTRUCTION TIME DETERMINATION (PRIMAVERA)								0		
MANAGEMENT PLAN	40	40	80					160		
VE STUDY	20	16	40			20		96		
QC REVIEWS (30, 60, 90 & FINAL)								0		
CONSTRUCTABILITY REVIEWS (60 & 90)								0		
PERMIT REVIEW FOR NEW DEVELOPMENT (MAX OF 2)								0		
HOURS SUB-TOTALS	76	98	208	140	0	222	0	744	256	
CONTRACT RATE PER HOUR	\$247.30	\$200.93	\$170.02	\$154.56	\$123.65	\$108.19	\$92.74			
TOTAL LABOR COSTS	\$18,794.50	\$19,690.94	\$35,363.33	\$21,638.40	\$0.00	\$24,018.62	\$0.00	\$119,505.79		
SUBTOTAL (FC163)								\$119,505.79		

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	1	0.0
TYPICAL SECTIONS								0	1	0.0
BRIDGE QUANTITIES								0	1	0.0
ABUTMENT PLANS & CAP ELEVATION DETAILS								0	5	0.0
CONCRETE SLAB BEAM SPAN								0	3	0.0
CLEAR CREEK SOUTH BRIDGE LAYOUT								0	1	0.0
TYPICAL SECTIONS								0	1	0.0
BRIDGE QUANTITIES								0	1	0.0
ABUTMENT PLANS								0	6	0.0
FRAMING PLAN								0	1	0.0
PRESTRESSED CONCRETE GIRDER UNIT								0	2	0.0
FBC DITCH A BRIDGE LAYOUT								0	1	0.0
TYPICAL SECTIONS								0	1	0.0
BRIDGE QUANTITIES								0	1	0.0

ABUTMENT PLANS & CAP ELEVATION DETAILS									0	5	0.0
CONCRETE SLAB BEAM SPAN									0	3	0.0
AMERICAN CANAL BRIDGE LAYOUT									0	1	0.0
TYPICAL SECTIONS									0	1	0.0
BRIDGE QUANTITIES									0	1	0.0
ABUTMENT PLANS & CAP ELEVATION DETAILS									0	5	0.0
CONCRETE SLAB BEAM SPAN									0	3	0.0
MUSTANG BAYOU BRIDGE LAYOUT									0	1	0.0
TYPICAL SECTIONS									0	1	0.0
BRIDGE QUANTITIES									0	1	0.0
ABUTMENT PLANS & CAP ELEVATION DETAILS									0	5	0.0
CONCRETE SLAB BEAM SPAN									0	3	0.0
HOURS SUB-TOTALS	0	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)								0	\$0.00	
PROJECT MANAGEMENT (FC145)								248	\$47,109.89	
SURVEYING (FC150)								16	\$3,338.50	
ROADWAY DESIGN CONTROLS (FC160)								183	\$26,445.22	
DRAINAGE (FC161)								104	\$14,466.82	
MISCELLANEOUS (ROADWAY) (FC163)								744	\$119,505.79	
BRIDGE DESIGN (FC170)								0	\$0.00	
CONSTRUCTION PHASE SERVICES (FC 309) - T&M								0	\$0.00	
SUBTOTAL LABOR EXPENSES								1,295	\$210,866.22	
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)	\$210,866.22
NON-SALARY (OTHER DIRECT EXPENSES)	\$0.00
SUBCONTRACTS (includes labor costs and direct expenses)	\$0.00
GRAND TOTAL	\$210,866.22

**ATTACHMENT A
FEE SCHEDULE (LJA ENGINEERING)
METHOD OF PAYMENT: LUMP SUM AND TIME & MATERIALS**

SUB PROVIDER NAME: LJA
 CONTRACT NUMBER:
 PROJECT NAME: FM 521 PS&E
 PROJECT LIMITS: FM521

TASK DESCRIPTION	PRINCIPAL RPLS	SR. PROJECT MANAGER RPLS	PROJECT MANAGER RPLS	SR. PROJECT SURVEYOR	PROJECT SURVEYOR	SURVEY TECHNICIAN	SURVEY DRAFTMAN	ABTRACTOR	CLERICAL	TWO-MAN CREW	THREE-MAN CREW	TOTAL LABOR HRS. & COSTS
RIGHT-OF-WAY (ROW) DATA (FC 130)												
1. RIGHT OF WAY MAP FOR EAST SYCAMORE ST	4	8	12	8	8	8	8	4	8	4		72
HOURS SUB-TOTALS	4	8	12	8	8	8	8	4	8	4	0	72
CONTRACT RATE PER HOUR	\$200.00	\$185.00	\$160.00	\$140.00	\$125.00	\$110.00	\$90.00	\$80.00	\$60.00	\$145.00	\$175.00	
TOTAL LABOR COSTS	\$800.00	\$1,480.00	\$1,920.00	\$1,120.00	\$1,000.00	\$880.00	\$720.00	\$320.00	\$480.00	\$580.00	\$0.00	\$9,300.00
SUBTOTAL (FC 160)												\$9,300.00

SUMMARY	
TOTAL COSTS FOR PRIME ONLY (includes multiplier)	\$9,300.00
GRAND TOTAL	\$9,300.00

**ATTACHMENT A
FEE SCHEDULE (LJA ENGINEERING)
METHOD OF PAYMENT: LUMP SUM AND TIME & MATERIALS**

SUB PROVIDER NAME: LJA
CONTRACT NUMBER:
PROJECT NAME: FM 521 PS&E
PROJECT LIMITS: FM521

TASK DESCRIPTION	PRINCIPAL RPLS	SR. PROJECT MANAGER RPLS	PROJECT MANAGER RPLS	SR. PROJECT SURVEYOR	PROJECT SURVEYOR	SURVEY TECHNICIAN	SURVEY DRAFTMAN	ABTRACTOR	CLERICAL	TWO-MAN CREW	THREE-MAN CREW	TOTAL LABOR HRS. & COSTS
RIGHT-OF-WAY (ROW) DATA (FC 130)												
1. RIGHT OF WAY MAP FOR BROADWAY (FM 518)	8	16	16	12	16	16	16	8	12	12		132
HOURS SUB-TOTALS	8	16	16	12	16	16	16	8	12	12	0	132
CONTRACT RATE PER HOUR	\$200.00	\$185.00	\$160.00	\$140.00	\$125.00	\$110.00	\$90.00	\$80.00	\$60.00	\$145.00	\$175.00	
TOTAL LABOR COSTS	\$1,600.00	\$2,960.00	\$2,560.00	\$1,680.00	\$2,000.00	\$1,760.00	\$1,440.00	\$640.00	\$720.00	\$1,740.00	\$0.00	\$17,100.00
SUBTOTAL (FC 160)												\$17,100.00

SUMMARY	
TOTAL COSTS FOR PRIME ONLY(includes multiplier)	\$17,100.00
GRAND TOTAL	\$17,100.00