

**DANNENBAUM ENGINEERING CORPORATION**

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Fort Bend County  
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Invoice Date: February 16, 2022  
Invoice Period: 1/1/2022 Through 1/31/2022  
Invoice Number: 479701/35/II

For Professional Services:

In connection with PS&E for FM 521 Expansion Project from FM 2234 to SH 6  
**P.O. Number 174087**

DESCRIPTION OF WORK TASK	TOTAL CONTRACT AMOUNTS	PERCENT COMPLETE TO DATE	AMOUNTS EARNED TO DATE	PREVIOUSLY INVOICED AMOUNTS	CURRENT INVOICE AMOUNTS
<b>Final PS&amp;E Engineering</b>					
Roadway Design (Dannenbaum)	\$ 674,252.92	93.35%	\$ 629,432.37	\$ 610,254.55	\$ 19,177.82
Drainage Design (Dannenbaum)	\$ 554,638.24	93.01%	\$ 515,877.46	\$ 499,238.31	\$ 16,639.15
Traffic - Signing & Pavement Marking (Infratech)	\$ 140,587.58	90.21%	\$ 126,818.40	\$ 125,529.40	\$ 1,289.00
Traffic - Signals (Infratech)	\$ 388,822.80	88.00%	\$ 342,180.27	\$ 338,395.27	\$ 3,785.00
Traffic - Illumination (Infratech)	\$ 31,109.10	91.00%	\$ 28,310.26	\$ 28,310.26	\$ -
Misc. Roadway & TCP (Dannenbaum)	\$ 608,966.44	94.45%	\$ 575,160.56	\$ 563,886.95	\$ 11,273.61
Structural Design - Broadway Bridge (LJA)	\$ 282,225.00	87.61%	\$ 247,260.43	\$ 246,772.33	\$ 488.10
Structural Design - Misc. Structures (Dannenbaum)	\$ 180,726.74	94.03%	\$ 169,933.03	\$ 162,703.96	\$ 7,229.07
Management (Dannenbaum)	\$ 249,026.77	95.02%	\$ 236,614.45	\$ 231,633.91	\$ 4,980.54
Management (LJA)	\$ 83,960.00	69.40%	\$ 58,264.33	\$ 56,554.38	\$ 1,709.95
Management (Infratech)	\$ 40,307.52	88.07%	\$ 35,499.73	\$ 34,847.38	\$ 652.35
<b>Extras</b>					
Survey (LJA)	\$ 236,424.99	77.31%	\$ 182,771.03	\$ 182,771.03	\$ -
ROW Parcel Mapping (LJA)	\$ 320,875.00	88.37%	\$ 283,562.19	\$ 283,562.19	\$ -
Geotechnical (Associated Testing Laboratories)	\$ 284,997.00	97.48%	\$ 277,827.00	\$ 277,827.00	\$ -
Drainage Impact Study (LJA)	\$ 468,300.00	68.97%	\$ 323,004.72	\$ 322,675.92	\$ 328.80
Utility Coordination (Dannenbaum)	\$ 252,087.39	87.95%	\$ 221,720.81	\$ 214,158.19	\$ 7,562.62
SUE (LJA)	\$ 261,122.00	76.09%	\$ 198,699.00	\$ 198,699.00	\$ -
Project Initiation & Planning (Dannenbaum)	\$ 30,000.00	100.00%	\$ 30,000.00	\$ 30,000.00	\$ -
Items as Authorized by County	\$ 40,000.00	100.67%	\$ 40,267.25	\$ 40,267.25	\$ -
Direct Expenses (Dannenbaum)	\$ 26,725.00	41.45%	\$ 11,077.72	\$ 10,543.22	\$ 534.50
Direct Expenses (LJA)	\$ 25,400.00	8.41%	\$ 2,135.62	\$ 2,135.62	\$ -
Direct Expenses (Infratech)	\$ 686.75	89.69%	\$ 615.92	\$ 615.92	\$ -
<b>Bid/Construction Phase Services</b>					
Post Design Services (Dannenbaum)	\$ 71,674.64	0.00%	\$ -	\$ -	\$ -
Post Design Services (LJA)	\$ 72,540.00	0.00%	\$ -	\$ -	\$ -
Post Design Services (Infratech)	\$ 34,935.12	0.00%	\$ -	\$ -	\$ -
<b>Total Management &amp; Engineering Fees</b>	\$ 5,360,391.00	84.64%	\$ 4,537,032.55	\$ 4,461,382.04	\$ 75,650.51

**TOTAL AMOUNT DUE THIS INVOICE: \$75,650.51**

479701/MJK/II

**Progress Report No. 35**  
**From January 01, 2022 to January 31, 2022**  
**Report Date: February 15, 2022**

**Project: FM 521 Expansion Project, Precinct 1**  
**FM 2234 to SH 6**

**Activities this Billing Period:**

**Project Management (DEC)**

- Held weekly progress conference calls with Project Design Team.
- Coordinated and managed PS&E design efforts.
- Coordinated with Fort Bend County Engineering and TxDOT Project Manager.
- ROW Acquisition: Coordinated with PAS and TxDOT and responded to questions from property owners during ROW acquisition.
- Coordinated with County's consultants Binkley Barfield (BBI), Isani, and AIG Tech for the proposed expansion of Sycamore and Evergreen.
- Coordinated with County's consultants RPS and Terra for the Lake Olympia Parkway project, including potential ROW dedication from Blue Ridge / Republic Services west of FM 521.

**PS&E Design (DEC)**

- Continued design roadway plan & profile, drainage plan & profile, cross sections, Corridor Model (3D), and TCP sheets. Addressed TxDOT comments received in November and prepared plans for 90% submittal.
- Continued 90% QC process to review plans and verify that previous TxDOT comments were addressed.
- Updated East Sycamore design to align with West Sycamore.
- Reviewed latest design for Evergreen from AIG and began design revisions.
- Continued updating the Exhibit A based on comments from TxDOT and UPRR's consultant Benesch.

**Survey (LJA)**

- None.

**Drainage Study (LJA)**

- Drainage Study – Coordinated PS&E design changes with DEC, including Pond N and trunk line changes.

### **Traffic Design (infraTECH)**

- Addressed TxDOT comments and provided updated signal layouts to DEC for inclusion in Exhibit A.
- Provided updated Preemption forms based on comments from UPRR's consultant Benesch.
- Updated temporary signal layouts based on TCP changes.

### **Activities Next Month:**

#### **Project Management (DEC)**

- Attend Meetings with TxDOT and Fort Bend County.
- Continue weekly conference calls with Project Design Team.
- Continue coordination with sub consultants.
- Continue coordination with RPS, Terra, Isani, and AIG Tech.

#### **PS&E Design (DEC)**

- Finalize plans for 90% submittal to TxDOT.
- Continue development of UPRR Exhibit A based on 90% plans. Revise plans based on TxDOT and UPRR comments.
- Continue coordination with utility companies prior to 90% Utility Coordination Meeting.

#### **Survey (LJA)**

- Respond to any questions or clarifications from the County during property acquisition.
- Prepare additional parcel for proposed ROW at East Sycamore.
- Coordinate Parcel 111 with proposed ROW for Lake Olympia Parkway project.

#### **Drainage Study (LJA)**

- Coordinate any drainage changes with PS&E design.
- Prepare Drainage Study update to capture changes from previously approved Drainage Study.

### **Traffic Design (infraTECH)**

- Continue development of Signing & Pavement Marking plans.
- Continued development of Traffic Signals Layouts.
- Continue Illumination and CTMS plans.
- Continue preparation of plans to be included with Exhibit A.

**Approvals and Planned Deliverables next Month:**

- Submit updated Exhibit A to TxDOT as comments are addressed
- 90% PS&E submittal to TxDOT planned for February, following QC review



Michael J. Kaspar, P.E.  
DEC