

# DANNENBAUM ENGINEERING CORPORATION

3100 WEST ALABAMA HOUSTON, TEXAS 77098 P.O. BOX 22292 HOUSTON, TEXAS 77227 (713) 520-9570

PO 174087  
DMS  
REC 60644

## AGENDA

Stacy Slawinski, P.E.  
Fort Bend County  
301 Jackson Street  
Richmond, Texas 77469-3108

Invoice Date: December 8, 2021  
Invoice Period: 11/1/2021 Through 11/30/2021  
Invoice Number: 479701/33/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	88.61%	\$ 597,469.34	\$ 584,684.13	\$ 12,785.21
Drainage Design (Dannenbaum)	\$ 554,638.24	88.01%	\$ 488,145.55	\$ 477,052.79	\$ 11,092.76
Traffic - Signing & Pavement Marking (Infratech)	\$ 140,587.58	89.29%	\$ 125,529.40	\$ 107,009.40	\$ 18,520.00
Traffic - Signals (Infratech)	\$ 388,822.80	87.03%	\$ 338,395.27	\$ 294,337.02	\$ 44,058.25
Traffic - Illumination (Infratech)	\$ 31,109.10	91.00%	\$ 28,310.26	\$ 22,321.26	\$ 5,989.00
Misc. Roadway & TCP (Dannenbaum)	\$ 608,966.44	90.75%	\$ 552,613.34	\$ 530,066.13	\$ 22,547.21
Structural Design - Broadway Bridge (LJA)	\$ 282,225.00	87.44%	\$ 246,772.33	\$ 230,799.20	\$ 15,973.13
Structural Design - Misc. Structures (Dannenbaum)	\$ 180,726.74	86.03%	\$ 155,474.89	\$ 141,016.75	\$ 14,458.14
Management (Dannenbaum)	\$ 249,026.77	90.02%	\$ 224,163.11	\$ 217,937.44	\$ 6,225.67
Management (LJA)	\$ 83,960.00	67.36%	\$ 56,554.38	\$ 56,291.38	\$ 263.00
Management (Infratech)	\$ 40,307.52	86.45%	\$ 34,847.38	\$ 33,589.05	\$ 1,258.33
<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	68.90%	\$ 322,675.92	\$ 321,050.72	\$ 1,625.20
Utility Coordination (Dannenbaum)	\$ 252,087.39	81.95%	\$ 206,595.57	\$ 191,470.33	\$ 15,125.24
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	37.45%	\$ 10,008.72	\$ 9,634.57	\$ 374.15
Direct Expenses (LJA)	\$ 25,400.00	8.41%	\$ 2,135.62	\$ 2,135.62	\$ -
Direct Expenses (Infratech)	\$ 686.75	89.69%	\$ 615.92	\$ 580.42	\$ 35.50
<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	82.15%	\$ 4,403,433.47	\$ 4,233,102.68	\$ 170,330.79

<b>TOTAL AMOUNT DUE THIS INVOICE:</b>	<b>\$170,330.79</b>
---------------------------------------	---------------------

479701/MJK/II

**Progress Report No. 33**  
**From November 01, 2021 to November 30, 2021**  
**Report Date: December 08, 2021**

**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)**

- Received additional comments from TxDOT Division (Austin) on 11/16. Reviewed comments, provided responses, and addressed plans accordingly.
- Held meetings with TxDOT on 11/17 and 11/18 to discuss and resolve comments related to TCP and Drainage design. Updated responses following meetings and continued addressing comments.
- Continued roadway plan & profile, drainage plan & profile, cross sections, Corridor Model (3D), and TCP sheets.
- Submitted Exhibit A to TxDOT on 11/15. Met with TxDOT on 11/17 to review Exhibit A. Began addressing comments following meeting with TxDOT.

**Survey (LJA)**

- Provided survey information as requested by DEC, including culvert flow lines.

**Drainage Study (LJA)**

- Drainage Study – Coordinated PS&E design changes with DEC, including Pond N.
- Attended meeting with TxDOT and DEC on 11/18 to discuss and resolve 60% comments.

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

- Provided updated signal layouts to DEC for inclusion in Exhibit A.
- Continued work on new signals at Evergreen and West Davis.
- Addressed TxDOT's 60% review comments and continued preparation of 90% plans.
- 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)**

- Continue addressing TxDOT review comments from 60% PS&E.
- Continue development of UPRR Exhibit A based on 60% plans. Update package for submittal to TxDOT based on comments received from TxDOT.
- 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.

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

- Coordinate any drainage changes with PS&E design.

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

- Continue development of Signing & Pavement Marking plans.
- Continued development of Traffic Signals Layouts.
- Continue Illumination and CTMS plans.

**Approvals and Planned Deliverables next Month:**

- Submit updated Exhibit A to TxDOT in December
- 90% PS&E submittal to TxDOT planned for December



Michael J. Kaspar, P.E.  
DEC