

# DANNENBAUM ENGINEERING CORPORATION

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

PO 174087  
DMS  
REC 651595

## AGENDA

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

Invoice Date:  
Invoice Period:  
Invoice Number:

December 19, 2022  
11/1/2022 Through 11/30/2022  
479701/45/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	REMAINING CONTRACT AMOUNTS	CURRENT INVOICE AMOUNTS
<b>Final PS&amp;E Engineering</b>						
Roadway Design (Dannenbaum)	\$ 699,252.92	99.64%	\$ 696,752.95	\$ 690,712.12	\$ 2,499.97	\$ 6,040.83
Drainage Design (Dannenbaum)	\$ 579,638.24	99.57%	\$ 577,138.19	\$ 573,695.19	\$ 2,500.05	\$ 3,443.00
Traffic - Signing & Pavement Marking (Infratech)	\$ 140,587.58	95.63%	\$ 134,438.48	\$ 134,438.48	\$ 6,149.10	\$ -
Traffic - Signals (Infratech)	\$ 388,822.80	94.01%	\$ 365,529.31	\$ 365,529.31	\$ 23,293.49	\$ -
Traffic - Illumination (Infratech)	\$ 31,109.10	95.05%	\$ 29,570.10	\$ 29,570.10	\$ 1,539.00	\$ -
Misc. Roadway & TCP (Dannenbaum)	\$ 643,966.44	99.61%	\$ 641,466.42	\$ 631,989.91	\$ 2,500.02	\$ 9,476.51
Structural Design - Broadway Bridge (LJA)	\$ 282,225.00	93.12%	\$ 262,812.32	\$ 262,812.32	\$ 19,412.68	\$ -
Structural Design - Misc. Structures (Dannenbaum)	\$ 190,726.74	100.00%	\$ 190,726.74	\$ 190,726.74	\$ -	\$ -
Management (Dannenbaum)	\$ 294,026.77	98.30%	\$ 289,026.83	\$ 282,575.00	\$ 4,999.94	\$ 6,451.83
Management (LJA)	\$ 83,960.00	77.02%	\$ 64,667.61	\$ 64,667.61	\$ 19,292.39	\$ -
Management (Infratech)	\$ 40,307.52	92.81%	\$ 37,408.98	\$ 37,408.98	\$ 2,898.54	\$ -
<b>Extras</b>						
Survey (LJA)	\$ 236,424.99	77.31%	\$ 182,771.03	\$ 182,771.03	\$ 53,653.96	\$ -
ROW Parcel Mapping (LJA)	\$ 320,875.00	88.37%	\$ 283,562.19	\$ 283,562.19	\$ 37,312.81	\$ -
Geotechnical (Associated Testing Laboratories)	\$ 284,997.00	97.48%	\$ 277,827.00	\$ 277,827.00	\$ 7,170.00	\$ -
Drainage Impact Study (LJA)	\$ 458,300.00	74.91%	\$ 343,325.96	\$ 343,325.96	\$ 114,974.04	\$ -
Utility Coordination (Dannenbaum)	\$ 272,087.39	100.00%	\$ 272,087.39	\$ 271,641.59	\$ -	\$ 445.80
SUE (LJA)	\$ 200,122.00	99.29%	\$ 198,699.00	\$ 198,699.00	\$ 1,423.00	\$ -
Project Initiation & Planning (Dannenbaum)	\$ 30,000.00	100.00%	\$ 30,000.00	\$ 30,000.00	\$ -	\$ -
Items as Authorized by County	\$ 40,000.00	100.00%	\$ 40,000.00	\$ 40,000.00	\$ -	\$ -
Direct Expenses (Dannenbaum)	\$ 19,725.00	84.45%	\$ 16,656.91	\$ 16,656.91	\$ 3,068.09	\$ -
Direct Expenses (LJA)	\$ 5,400.00	39.55%	\$ 2,135.62	\$ 2,135.62	\$ 3,264.38	\$ -
Direct Expenses (Infratech)	\$ 686.75	89.69%	\$ 615.92	\$ 615.92	\$ 70.83	\$ -
<b>Bid/Construction Phase Services</b>						
Post Design Services (Dannenbaum)	\$ 41,674.64	0.00%	\$ -	\$ -	\$ 41,674.64	\$ -
Post Design Services (LJA)	\$ 40,540.00	0.00%	\$ -	\$ -	\$ 40,540.00	\$ -
Post Design Services (Infratech)	\$ 34,935.12	0.00%	\$ -	\$ -	\$ 34,935.12	\$ -
<b>Total Management &amp; Engineering Fees</b>	\$ 5,360,391.00	92.11%	\$ 4,937,218.95	\$ 4,911,360.98	\$ 423,172.05	\$ 25,857.97

**TOTAL AMOUNT DUE THIS INVOICE:**

**\$25,857.97**

479701/MJK/II

OK. AIA.

**Progress Report No. 45**  
**From November 01, 2022 to November 30, 2022**  
**Report Date: December 15, 2022**

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

**Activities this Billing Period:**

**Project Management (DEC)**

- Continued weekly progress conference calls with Project Design Team.
- Coordinated and managed PS&E design efforts.
- Coordinated with TxDOT Project Manager to complete documents for 95% submittal.
- ROW Acquisition: Coordinated with PAS and TxDOT for updates. Responded to questions from the County related to Parcel 101.
- 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.

**PS&E Design (DEC)**

- TxDOT continued preparation of the Railroad Agreement based on the latest Exhibit A.
- Addressed final TxDOT review comments received in October.
- Compiled additional TxDOT comments and finalized comment response matrix for further resolution with TxDOT. Submitted comment response matrix with 95% plans.
- Completed QC review on 95% plans, focusing on quantities and cost estimates.
- Finalized plans and submitted 95% plan set to TxDOT.
- Updated Cost Estimate, TxDOT Forms, Time Determination Schedule, Certifications, and Management Plan for inclusion with 95% submittal. Submitted all documents to TxDOT and updated TxDOT CONNECT.

**Survey (LJA)**

- LJA continued additional ROW mapping at Sycamore and Broadway.

**Drainage Study (LJA)**

- Drainage Study Addendum –LJA continued making the necessary revisions and coordinated the updates with DEC. DEC submitted the updated Drainage Addendum to TxDOT on 12/02.

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

- Completed 95% plans and submitted to DEC.
- Updated Broadway signals based on request from the City to utilize decorative poles.

### **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.
- Obtain updates on ROW acquisition schedule and update Certification accordingly.

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

- Update plans to address TxDOT questions and comments.
- Update Cost Estimate, Time Determination Schedule, Management Plan, Certifications, and all TxDOT Forms to address TxDOT comments.
- Coordinate with utility companies for updates and update TxDOT Certification accordingly.

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

- Prepare additional parcel mapping documents for proposed ROW at East Sycamore.
- Prepare additional parcel mapping documents for Broadway Overpass and Access Roads.

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

- Respond to any comments from TxDOT on the Drainage Study Addendum.

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

- Address any TxDOT review comments on the 95% Plans.

### **Approvals and Planned Deliverables next Month:**

- Submit Signed/Sealed 100% PS&E Package to TxDOT in January.



Michael J. Kaspar, P.E.  
DEC