

# DANNENBAUM ENGINEERING CORPORATION

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**AGENDA**

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

**PO 174087**  
**DMS**  
**REC 579794**

Invoice Date: May 25, 2021  
Invoice Period: 4/1/2021 Through 4/30/2021  
Invoice Number: 479701/26/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)	\$ 597,188.92	88.70%	\$ 529,725.35	\$ 507,237.49	\$ 22,487.86
Drainage Design (Dannenbaum)	\$ 496,261.24	88.00%	\$ 436,709.86	\$ 416,859.41	\$ 19,850.45
Traffic - Signing & Pavement Marking (Infratech)	\$ 125,958.58	60.80%	\$ 76,587.90	\$ 76,587.90	\$ -
Traffic - Signals (Infratech)	\$ 256,812.30	86.89%	\$ 223,145.12	\$ 215,294.87	\$ 7,850.25
Traffic - Illumination (Infratech)	\$ 91,926.66	20.57%	\$ 18,909.26	\$ 18,909.26	\$ -
Misc. Roadway & TCP (Dannenbaum)	\$ 518,672.44	88.14%	\$ 457,132.20	\$ 438,196.75	\$ 18,935.45
Structural Design - Broadway Bridge (LJA)	\$ 282,225.00	78.51%	\$ 221,584.83	\$ 221,584.83	\$ -
Structural Design - Misc. Structures (Dannenbaum)	\$ 119,876.74	74.00%	\$ 88,708.78	\$ 83,913.71	\$ 4,795.07
Management (Dannenbaum)	\$ 226,646.77	89.97%	\$ 203,916.25	\$ 199,383.31	\$ 4,532.94
Management (LJA)	\$ 83,960.00	52.20%	\$ 43,826.36	\$ 43,315.53	\$ 510.83
Management (Infratech)	\$ 33,415.36	97.28%	\$ 32,506.55	\$ 32,247.59	\$ 258.96
<b>Extras</b>					
Survey (LJA)	\$ 230,114.99	70.45%	\$ 162,112.35	\$ 162,112.35	\$ -
ROW Parcel Mapping (LJA)	\$ 313,925.00	63.52%	\$ 199,409.29	\$ 199,409.29	\$ -
Geotechnical (Associated Testing Laboratories)	\$ 284,997.00	97.48%	\$ 277,827.00	\$ 277,827.00	\$ -
Drainage Impact Study (LJA)	\$ 457,220.00	67.38%	\$ 308,056.52	\$ 295,233.32	\$ 12,823.20
Utility Coordination (Dannenbaum)	\$ 225,379.39	68.00%	\$ 153,258.00	\$ 148,750.41	\$ 4,507.59
SUE (LJA)	\$ 214,405.00	92.67%	\$ 198,699.00	\$ 197,630.00	\$ 1,069.00
Project Initiation & Planning (Dannenbaum)	\$ 30,000.00	100.00%	\$ 30,000.00	\$ 30,000.00	\$ -
Items as Authorized by County	\$ 40,000.00	87.50%	\$ 35,000.00	\$ 35,000.00	\$ -
Direct Expenses (Dannenbaum)	\$ 26,725.00	30.05%	\$ 8,030.07	\$ 8,030.07	\$ -
Direct Expenses (LJA)	\$ 24,750.00	8.14%	\$ 2,014.69	\$ 2,014.69	\$ -
Direct Expenses (Infratech)	\$ 612.00	82.18%	\$ 502.92	\$ 502.92	\$ -
<b>Bid/Construction Phase Services</b>					
Post Design Services (Dannenbaum)	\$ 80,340.29	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>	<b>\$ 4,868,887.80</b>	<b>76.15%</b>	<b>\$ 3,707,662.30</b>	<b>\$ 3,610,040.70</b>	<b>\$ 97,621.60</b>

<b>TOTAL AMOUNT DUE THIS INVOICE:</b>	<b>\$97,621.60</b>
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479701/MJK/II

**Progress Report No. 26**  
**From April 01, 2021 to April 30, 2021**  
**Report Date: May 15, 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 drainage and 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, including Parcels 100, 101, and 110.
- Coordinated with TxDOT to address comments on Scour Report (LJA).

**PS&E Design (DEC)**

- Continued plan revisions to assess impacts associated with direction provided by TxDOT to implement Sidepath in lieu of on-street bike lanes. Changes include typical sections, roadway plan & profile, drainage plan & profile, cross sections, and TCP sheets.
- Continued Utility Plan & Profile sheets, Utility Contacts, and Utility Conflict Analysis.
- Continued coordinating with individual utility companies following the joint meeting Utility Coordination Meeting, particularly the City of Pearland with regards to their existing and proposed water lines.
- Began updating FM 521 Bridges.
- Revised Design Summary Report documents and resubmitted to TxDOT on 04/02.
- Reviewed and revised Detention Pond N per comments.

**Survey (LJA)**

- Began review of Parcel 110 changes to address Detention Pond N comments.

**Drainage Study (LJA)**

- Scour Report – Received comments back from TxDOT on 04/19. Addressed comments with plan to resubmit final Report back to TxDOT in May.
- Drainage Study – Coordinated PS&E design changed with DEC.

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

- Continued development of Signing & Pavement Marking plans.
- Continued development of Traffic Signals Layouts.
- Continued Illumination and CTMS plans.
- Per TxDOT direction received on 02/12, new signals will be designed and installed at Evergreen and West Davis.
- Sent preliminary signal layouts to TxDOT to schedule UPRR Diagnostic Inspection.

### **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.
- Schedule Diagnostic Inspection meeting for Evergreen and West Davis with UPRR and TxDOT.
- Attend Sycamore PER at Fort Bend County and coordinate design activities.

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

- Continue updating Typical Section, Roadway Plans, Drainage Plans, TCP, Bridges, and Cross Sections.
- Continue development of UPRR Exhibit A. Resubmit to TxDOT and arrange conference call with Sam Walden to review package.
- Continue utility conflict analysis. Coordinate with utility companies to provide any requested information. Meet one-on-one with utility companies as needed to progress conflict analysis.

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

- Continue work on Parcel 110 to address proposed ROW changes.
- Update Parcel 107 based on change of ownership from September 2020.

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

- Coordinate any drainage changes with PS&E design.
- Verify that changes to Pond N are acceptable.
- Address TxDOT's final comments on the Scour Report and submit final report.

**Traffic Design (infraTECH)**

- Continue development of Signing & Pavement Marking plans.
- Continued development of Traffic Signals Layouts.
- Continue Illumination and CTMS plans.
- Continue work on new signals at Evergreen and West Davis.

**Approvals and Planned Deliverables next Month:**

- Scour Report (Final) in May
- 60% PS&E to TxDOT in June
- 60% Utility Coordination meeting in late June / early July



Michael J. Kaspar, P.E.  
Dannenbaum Engineering Corporation