

DANNENBAUM ENGINEERING CORPORATION

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

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

Invoice Date: August 23, 2021
Invoice Period: 7/1/2021 Through 7/31/2021
Invoice Number: 479701/29/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
Final PS&E Engineering					
Roadway Design (Dannenbaum)	\$ 597,188.92	93.41%	\$ 557,835.18	\$ 552,213.21	\$ 5,621.97
Drainage Design (Dannenbaum)	\$ 496,261.24	93.00%	\$ 461,522.92	\$ 456,560.31	\$ 4,962.61
Traffic - Signing & Pavement Marking (Infratech)	\$ 125,958.58	71.56%	\$ 90,140.40	\$ 90,140.40	\$ -
Traffic - Signals (Infratech)	\$ 256,812.30	96.97%	\$ 249,020.12	\$ 249,020.12	\$ -
Traffic - Illumination (Infratech)	\$ 91,926.66	20.57%	\$ 18,909.26	\$ 18,909.26	\$ -
Misc. Roadway & TCP (Dannenbaum)	\$ 518,672.44	93.61%	\$ 485,535.38	\$ 480,801.52	\$ 4,733.86
Structural Design - Broadway Bridge (LJA)	\$ 282,225.00	78.60%	\$ 221,824.45	\$ 221,824.45	\$ -
Structural Design - Misc. Structures (Dannenbaum)	\$ 119,876.74	81.00%	\$ 97,100.15	\$ 95,901.38	\$ 1,198.77
Management (Dannenbaum)	\$ 226,646.77	92.97%	\$ 210,715.66	\$ 208,449.19	\$ 2,266.47
Management (LJA)	\$ 83,960.00	56.57%	\$ 47,496.55	\$ 45,933.50	\$ 1,563.05
Management (Infratech)	\$ 33,415.36	98.13%	\$ 32,791.55	\$ 32,791.55	\$ -
Extras					
Survey (LJA)	\$ 230,114.99	70.47%	\$ 162,170.58	\$ 162,170.58	\$ -
ROW Parcel Mapping (LJA)	\$ 313,925.00	67.39%	\$ 211,556.10	\$ 199,409.29	\$ 12,146.81
Geotechnical (Associated Testing Laboratories)	\$ 284,997.00	97.48%	\$ 277,827.00	\$ 277,827.00	\$ -
Drainage Impact Study (LJA)	\$ 457,220.00	69.85%	\$ 319,371.52	\$ 318,319.22	\$ 1,052.30
Utility Coordination (Dannenbaum)	\$ 225,379.39	75.00%	\$ 169,034.56	\$ 166,780.77	\$ 2,253.79
SUE (LJA)	\$ 214,405.00	92.67%	\$ 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	87.50%	\$ 35,000.00	\$ 35,000.00	\$ -
Direct Expenses (Dannenbaum)	\$ 26,725.00	34.05%	\$ 9,099.07	\$ 8,831.82	\$ 267.25
Direct Expenses (LJA)	\$ 24,750.00	8.63%	\$ 2,135.62	\$ 2,111.12	\$ 24.50
Direct Expenses (Infratech)	\$ 612.00	87.90%	\$ 537.92	\$ 537.92	\$ -
Bid/Construction Phase Services					
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%	\$ -	\$ -	\$ -
Total Management & Engineering Fees	\$ 4,868,887.80	79.86%	\$ 3,888,322.99	\$ 3,852,231.61	\$ 36,091.38

TOTAL AMOUNT DUE THIS INVOICE: \$36,091.38

479701/MJK/II

Progress Report No. 29
From July 01, 2021 to July 31, 2021
Report Date: August 20, 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:
 - Parcel 107 was updated due to change in ownership per deed filed in September 2020
 - Parcel 110 was updated as requested by property owner
- Coordinated with County's consultants Isani and AIG Tech for the proposed expansion of Sycamore and Evergreen.

PS&E Design (DEC)

- Continued plan revisions 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 the City of Pearland with regards to their existing and proposed water lines at Broadway.
- Submitted Bridge Layout packages to TxDOT on 07/19.
- Continued review and revision of 60% PS&E. 60% plans to be submitted to TxDOT upon approval of Bridge Layout packages.

Survey (LJA)

- Completed revisions to Parcel 107 and Parcel 110 mapping and metes and bounds descriptions. Submitted updated documents to the County on 07/26.

Drainage Study (LJA)

- Scour Report – Approved by TxDOT on 06/23.
- Drainage Study – Coordinated PS&E design changes with DEC, including Pond N.

Traffic Design (infraTECH)

- Sent preliminary signal layouts to TxDOT in May to schedule UPRR Diagnostic Inspection. Will attend UPRR site visit to review Evergreen and West Davis intersections.

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.
- Attend Diagnostic Inspection meeting for Evergreen & West Davis with UPRR and TxDOT.

PS&E Design (Dannenbaum)

- Submit 60% plans to TxDOT.
- Continue development of UPRR Exhibit A based on 60% plans. Prepare package for submittal 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.
- Coordinate with TxDOT to schedule 60% 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.
- Continue work on new signals at Evergreen and West Davis.

Approvals and Planned Deliverables next Month:

- 60% PS&E to TxDOT in August
- UPRR Diagnostic Inspection (site visit) in August (pending TxDOT's schedule)
- Exhibit A to TxDOT in September
- 60% Utility Coordination Meeting in September



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