

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: March 22, 2021
Invoice Period: 2/1/2021 Through 2/28/2021
Invoice Number: 479701/24/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	81.17%	\$ 484,749.63	\$ 473,505.70	\$ 11,243.93
Drainage Design (Dannenbaum)	\$ 496,261.24	80.00%	\$ 397,008.96	\$ 387,083.74	\$ 9,925.22
Traffic - Signing & Pavement Marking (Infratech)	\$ 125,958.58	60.80%	\$ 76,587.90	\$ 76,587.90	\$ -
Traffic - Signals (Infratech)	\$ 256,812.30	83.83%	\$ 215,294.87	\$ 211,044.02	\$ 4,250.85
Traffic - Illumination (Infratech)	\$ 91,926.66	20.57%	\$ 18,909.26	\$ 18,909.26	\$ -
Misc. Roadway & TCP (Dannenbaum)	\$ 518,672.44	81.75%	\$ 423,995.16	\$ 414,527.43	\$ 9,467.73
Structural Design - Broadway Bridge (LJA)	\$ 282,225.00	78.32%	\$ 221,046.52	\$ 221,046.52	\$ -
Structural Design - Misc. Structures (Dannenbaum)	\$ 119,876.74	68.00%	\$ 81,516.18	\$ 79,118.65	\$ 2,397.53
Management (Dannenbaum)	\$ 226,646.77	84.97%	\$ 192,583.91	\$ 183,518.04	\$ 9,065.87
Management (LJA)	\$ 83,960.00	49.01%	\$ 41,144.60	\$ 39,356.76	\$ 1,787.84
Management (Infratech)	\$ 33,415.36	96.51%	\$ 32,247.59	\$ 30,962.07	\$ 1,285.52
Extras					
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	62.89%	\$ 287,563.40	\$ 279,668.70	\$ 7,894.70
Utility Coordination (Dannenbaum)	\$ 225,379.39	65.00%	\$ 146,496.62	\$ 141,989.03	\$ 4,507.59
SUE (LJA)	\$ 214,405.00	92.18%	\$ 197,630.00	\$ 197,630.00	\$ -
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	27.05%	\$ 7,228.32	\$ 6,426.57	\$ 801.75
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	\$ -
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	72.52%	\$ 3,530,869.17	\$ 3,468,240.64	\$ 62,628.53

TOTAL AMOUNT DUE THIS INVOICE: \$62,628.53

Progress Report No. 24
From February 01, 2021 to February 28, 2021
Report Date: March 15, 2021

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

Activities this Billing Period:

Project Management (Dannenbaum)

- 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 Exhibit A and Scour Report (LJA).
- Continued discussion with TxDOT regarding City of Pearland's comment on the typical section related to a preferred side path in lieu of the on-street bicycle lanes.
- Began revisions to Typical Sections and Design Plans to incorporate Sidepath per TxDOT Direction received in January. Assessed impacts and changes associated with this new direction.
- Discussed the City of Pearland interlocal agreement with TxDOT. TxDOT indicated that they would undertake maintenance of the Broadway overpass, Access Roads, detention ponds, and associated elements. The City should continue operation and maintenance of the signals. TxDOT will issue a letter to the City of Pearland outlining these responsibilities.

PS&E Design (Dannenbaum)

- Continued development of UPRR Exhibit A for submittal to TxDOT.
- 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 plan revisions to assess impacts associated with direction provided by TxDOT on 01/29/2021 (Sidepath in lieu of on-street bike lanes).

Survey (LJA)

- The Final ROW Mapping was approved by Houston District on 08/12. They were sent to the ROW Section and Division in Austin.
- Updated SUE sheets based on coordination with Dannenbaum.

Drainage Study (LJA)

- Scour Report – resubmitted the final Scour Report back to TxDOT on 02/23, with minor comments received back from TxDOT in early March.
- Drainage Study – Reviewed updated tables in conformance with UPRR requirements.

Traffic Design (infraTECH)

- Continued development of Signing & Pavement Marking plans.
- Continued development of Traffic Signals Layouts.
- Continued Illumination and CTMS plans.
- Submitted the final signed & sealed Signal Warrant Analysis Report to TxDOT on 02/24.
- Per TxDOT direction received on 02/12, new signals will be designed and installed at Evergreen and West Davis.

Activities Next Month:

Project Management (Dannenbaum)

- Attend Meetings with TxDOT and Fort Bend County.
- Continue weekly conference calls with Project Design Team.
- Continue coordination with sub consultants.

PS&E Design (Dannenbaum)

- Update Typical Sections based on TxDOT direction to implement Sidepath in lieu of on-street bike lanes. Submit updated DSR.
- Continue updating Alignment, Roadway Plan, 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.
- Coordinate with City of Pearland to final Interlocal Agreement.
- Review and revise the Detention Pond N Layout per comments.

Survey (LJA)

- No work planned.

Drainage Study (LJA)

- Coordinate any drainage changes with PS&E design.

- Coordinate potential changes to Pond N.
- Address TxDOT's final comments on the Scour Report and submit final report.
- Review and finalize Pond N Layout.

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:

- Scour Report (Final)



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