

DANNENBAUM ENGINEERING CORPORATION

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

AGENDA

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

Invoice Date: November 17, 2020
Invoice Period: 10/1/2020 Through 10/31/2020
Invoice Number: 479701/20/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)	\$ 597,188.93	76.41%	\$ 456,289.87	\$ 456,289.87	\$ -
Drainage Design (Dannenbaum)	\$ 496,261.25	75.00%	\$ 372,195.91	\$ 372,195.91	\$ -
Traffic - Signing & Pavement Marking (Infratech)	\$ 125,958.58	60.80%	\$ 76,587.90	\$ 76,587.90	\$ -
Traffic - Signals (Infratech)	\$ 256,812.30	74.61%	\$ 191,597.42	\$ 191,597.42	\$ -
Traffic - Illumination (Infratech)	\$ 91,926.66	20.57%	\$ 18,909.26	\$ 18,909.26	\$ -
Misc. Roadway & TCP (Dannenbaum)	\$ 518,672.45	77.10%	\$ 399,885.05	\$ 399,885.05	\$ -
Structural Design - Broadway Bridge (LJA)	\$ 282,225.00	77.67%	\$ 219,203.27	\$ 219,083.46	\$ 119.81
Structural Design - Misc. Structures (Dannenbaum)	\$ 119,876.74	66.00%	\$ 79,118.65	\$ 79,118.65	\$ -
Management (Dannenbaum)	\$ 226,646.78	74.97%	\$ 169,919.22	\$ 167,652.75	\$ 2,266.47
Management (LJA)	\$ 83,960.00	41.02%	\$ 34,443.48	\$ 34,060.36	\$ 383.12
Management (Infratech)	\$ 33,415.36	83.67%	\$ 27,958.07	\$ 27,958.07	\$ -
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	56.55%	\$ 258,555.50	\$ 255,769.90	\$ 2,785.60
Utility Coordination (Dannenbaum)	\$ 225,379.39	52.00%	\$ 117,197.29	\$ 112,689.70	\$ 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	50.00%	\$ 20,000.00	\$ 20,000.00	\$ -
Direct Expenses (Dannenbaum)	\$ 26,725.00	16.05%	\$ 4,288.57	\$ 4,021.32	\$ 267.25
Direct Expenses (LJA)	\$ 24,750.00	7.76%	\$ 1,921.59	\$ 897.12	\$ 1,024.47
Direct Expenses (Infratech)	\$ 612.00	76.88%	\$ 470.52	\$ 470.52	\$ -
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	\$ 4,868,887.84	68.10%	\$ 3,315,520.21	\$ 3,304,165.90	\$ 11,354.31

TOTAL AMOUNT DUE THIS INVOICE: \$11,354.31

Progress Report No. 20
From October 01, 2020 to October 31, 2020
Report Date: November 15, 2020

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 to assess ROW acquisition schedule.
- Coordinated with TxDOT to address new comments on the Scour Report (LJA) and Traffic Signal Warrant Studies (Infratech)
- Received comments on the typical section from the City of Pearland. Discussed comments with TxDOT and Fort Bend County.

PS&E Design (Dannenbaum)

- 60% PS&E PDF sent to TxDOT on 08/10 following approval of the Drainage Study. Coordinated with TxDOT PM to resolve comments from Austin.
- Continued development of UPRR Exhibit A for submittal to TxDOT. Received comments from Sam Walden on 10/22.
- Continued Utility Plan & Profile sheets, Utility Contacts, and Utility Conflict Analysis.
- Prepared for initial Utility Coordination Meeting with TxDOT. Sent Conflict List and Utility Contacts to TxDOT PM. Utility Meeting held on 11/12.

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.

Drainage Study (LJA)

- Received approval from TxDOT on 08/06. Printed hard copy and submitted to Houston District Office on 09/30.
- Received additional comments from TxDOT on the Scour Report. Held conference call with TxDOT on 10/28 to review and discuss comments. TxDOT has new requirements and sheets that need to be included in the Scour Report.

Traffic Design (infraTECH)

- Continued development of Signing & Pavement Marking plans.
- Continued development of Traffic Signals Layouts.
- Continued Illumination and CTMS plans.
- Received comments from TxDOT on the Signal Warrant Studies. Responded to comments on 10/28.
- Initiated additional Warrant 9 Traffic Studies as requested by UPRR. Additional intersections to be analyzed are 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)

- Coordinate with TxDOT to review 60% plans.
- Continue development of UPRR Exhibit A. Address comments from TxDOT and resubmit.
- Continue roadway design, including 3D Corridor Model and design Cross Sections.
- Continue drainage design, focusing on ditch design and Pond layouts.
- Review storm sewer trunk line along Broadway.
- Continue developing quantities, cost estimate, standards and specifications.
- Continue utility conflict analysis. Coordinate with utility companies following the 11/12 meeting.

Survey (LJA)

- No work planned.

Drainage Study (LJA)

- Coordinate any drainage changes with PS&E design.
- Address TxDOT's comments on the Scour Report and resubmit to TxDOT.

Traffic Design (infraTECH)

- Continue development of Signing & Pavement Marking plans.
- Continued development of Traffic Signals Layouts.
- Continue Illumination and CTMS plans.
- Complete Signal Warrant Studies for additional intersections Evergreen and West Davis and resubmit to TxDOT.

Approvals and Planned Deliverables next Month:

- Coordinate review of 60% PS&E by TxDOT.
- Resubmit UPRR Exhibit A to TxDOT.
- Hold Utility Coordination meeting with TxDOT.



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