

DANNENBAUM ENGINEERING CORPORATION

AGENDA

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

PO 174087
DMS
REC 546756

Invoice Date: August 19, 2020
Invoice Period: 7/1/2020 Through 7/31/2020
Invoice Number: 479701/17/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	75.46%	\$ 450,667.90	\$ 433,802.00	\$ 16,865.90
Drainage Design (Dannenbaum)	\$ 496,261.25	74.00%	\$ 367,233.30	\$ 352,345.46	\$ 14,887.84
Traffic - Signing & Pavement Marking (Infratech)	\$ 125,958.58	60.80%	\$ 76,587.90	\$ 76,587.90	\$ -
Traffic - Signals (Infratech)	\$ 256,812.30	72.72%	\$ 186,757.17	\$ 186,757.17	\$ -
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	\$ 394,698.33	\$ 5,186.72
Structural Design - Broadway Bridge (LJA)	\$ 282,225.00	77.58%	\$ 218,963.64	\$ 218,963.64	\$ -
Structural Design - Misc. Structures (Dannenbaum)	\$ 119,876.74	66.00%	\$ 79,118.65	\$ 79,118.65	\$ -
Management (Dannenbaum)	\$ 226,646.78	71.97%	\$ 163,119.81	\$ 158,586.87	\$ 4,532.94
Management (LJA)	\$ 83,960.00	37.68%	\$ 31,633.99	\$ 28,248.85	\$ 3,385.14
Management (Infratech)	\$ 33,415.36	77.85%	\$ 26,013.76	\$ 26,013.76	\$ -
Extras					
Survey (LJA)	\$ 230,114.99	67.67%	\$ 155,725.25	\$ 155,653.05	\$ 72.20
ROW Parcel Mapping (LJA)	\$ 313,925.00	60.57%	\$ 190,154.44	\$ 173,736.78	\$ 16,417.66
Geotechnical (Associated Testing Laboratories)	\$ 284,997.00	97.48%	\$ 277,827.00	\$ 277,827.00	\$ -
Drainage Impact Study (LJA)	\$ 457,220.00	55.43%	\$ 253,426.10	\$ 248,409.70	\$ 5,016.40
Utility Coordination (Dannenbaum)	\$ 225,379.39	45.00%	\$ 101,420.73	\$ 90,151.76	\$ 11,268.97
SUE (LJA)	\$ 214,405.00	92.18%	\$ 197,630.00	\$ 191,805.00	\$ 5,825.00
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	\$ 10,000.00	\$ 10,000.00
Direct Expenses (Dannenbaum)	\$ 26,725.00	10.05%	\$ 2,685.07	\$ 947.94	\$ 1,737.13
Direct Expenses (LJA)	\$ 24,750.00	3.52%	\$ 871.15	\$ 642.30	\$ 228.85
Direct Expenses (Infratech)	\$ 612.00	72.71%	\$ 445.00	\$ 445.00	\$ -
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	66.73%	\$ 3,249,075.17	\$ 3,153,650.42	\$ 95,424.75

TOTAL AMOUNT DUE THIS INVOICE:	\$95,424.75
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479701/MJK/II

Progress Report No. 17
From July 01, 2020 to July 31, 2020
Report Date: August 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 surveying, geotechnical, drainage, and PS&E design efforts.
- Coordinated with Fort Bend County Engineering and TxDOT Project Manager.
- ROW Acquisition: Per correspondence with Houston District, the County can proceed with final title & appraisals. Coordinated with PAS to complete appraisals in preparations for offers.
- Updated Schedule with the intent of moving letting forward into 2021.

PS&E Design (Dannenbaum)

- 60% PS&E PDF sent to TxDOT on 08/10 following approval of the Drainage Study.
- Continued Traffic Control Plans, Construction Staging, Detour Plans, and TCP Narrative.
- Continued Drainage Design, including coordination with LJA to ensure compliance with Drainage Study, Drainage Area Maps, Drainage Plan & Profile Sheets, Laterals, and Hydraulic Computations.
- Continued development of quantities and cost estimate.
- Continued development of UPRR Exhibit A for submittal to TxDOT. Addressed initial comments from TxDOT as well as comments received from 02/27 site meeting with UPRR.
- Continued Utility Plan & Profile sheets, Utility Contacts, and Utility Conflict Analysis. Prepared for initial Utility Coordination Meeting with TxDOT.

Survey (LJA)

- Continued addressing comments from TxDOT on the Initial ROW Mapping submittal.
- Submitted the Final ROW Mapping package to TxDOT on 07/03.
- The Final ROW Mapping was approved by Houston District on 08/12. They were sent to the ROW Section and Division in Austin.
- Continued working on test hole data sheets, which will be submitted to Dannenbaum in August.

Drainage Study (LJA)

- Coordinated with Dannenbaum during PS&E design.
- Completed addressing comments received from TxDOT on 06/09.
- Submitted final Drainage Study to TxDOT on 07/08.
- Received approval from TxDOT on 08/06.

Traffic Design (infraTECH)

- Continued development of Signing & Pavement Marking plans.
- Continued development of Traffic Signals Layouts.
- Continued Illumination and CTMS plans.

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 arrange review of 60% plans.
- Continue development of UPRR Exhibit A. Address comments from TxDOT and resubmit.
- Continue Traffic Control Plan and Construction Staging.
- Continue roadway design, including intersections, side streets, driveways, existing UPRR crossings, 3D Corridor Model and design Cross Sections.
- Continue drainage design, focusing on ditch design.
- Continue developing quantities, cost estimate, standards and specifications.
- Continue utility conflict analysis. Arrange Utility Coordination Meeting with TxDOT.

Survey (LJA)

- Complete Test Hole Data Sheets and submit to Dannenbaum.

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.

Approvals and Planned Deliverables next Month:

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



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