

DANNENBAUM ENGINEERING CORPORATION

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Stacy Slawinski, P.E.
Fort Bend County
301 Jackson Street
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Invoice Date: February 11, 2021
Invoice Period: 1/1/2021 Through 1/31/2021
Invoice Number: 479701/23/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	79.29%	\$ 473,505.70	\$ 467,708.77	\$ 5,796.93
Drainage Design (Dannenbaum)	\$ 496,261.24	78.00%	\$ 387,083.74	\$ 382,121.13	\$ 4,962.61
Traffic - Signing & Pavement Marking (Infratech)	\$ 125,958.58	60.80%	\$ 76,587.90	\$ 76,587.90	\$ -
Traffic - Signals (Infratech)	\$ 256,812.30	82.18%	\$ 211,044.02	\$ 209,192.02	\$ 1,852.00
Traffic - Illumination (Infratech)	\$ 91,926.66	20.57%	\$ 18,909.26	\$ 18,909.26	\$ -
Misc. Roadway & TCP (Dannenbaum)	\$ 518,672.44	79.92%	\$ 414,527.43	\$ 409,683.37	\$ 4,844.06
Structural Design - Broadway Bridge (LJA)	\$ 282,225.00	78.32%	\$ 221,046.52	\$ 219,442.89	\$ 1,603.63
Structural Design - Misc. Structures (Dannenbaum)	\$ 119,876.74	66.00%	\$ 79,118.65	\$ 79,118.65	\$ -
Management (Dannenbaum)	\$ 226,646.77	80.97%	\$ 183,518.04	\$ 178,985.10	\$ 4,532.94
Management (LJA)	\$ 83,960.00	46.88%	\$ 39,356.76	\$ 36,228.06	\$ 3,128.70
Management (Infratech)	\$ 33,415.36	92.66%	\$ 30,962.07	\$ 29,433.57	\$ 1,528.50
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	61.17%	\$ 279,668.70	\$ 276,581.10	\$ 3,087.60
Utility Coordination (Dannenbaum)	\$ 225,379.39	63.00%	\$ 141,989.03	\$ 132,973.85	\$ 9,015.18
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	\$ 30,000.00	\$ 5,000.00
Direct Expenses (Dannenbaum)	\$ 26,725.00	24.05%	\$ 6,426.57	\$ 5,624.82	\$ 801.75
Direct Expenses (LJA)	\$ 24,750.00	8.14%	\$ 2,014.69	\$ 1,921.59	\$ 93.10
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	71.23%	\$ 3,468,240.64	\$ 3,421,993.64	\$ 46,247.00

TOTAL AMOUNT DUE THIS INVOICE: \$46,247.00

479701/MJK/II

Progress Report No. 23
From January 01, 2021 to January 31, 2021
Report Date: February 11, 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.
- 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.
- Received direction from TxDOT to revise Typical Section to incorporate Sidepath on 01/29/2021. Began to assess impacts and changes associated with this new direction.

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.
- Reviewed plans 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 – Received comments from TxDOT on 01/26. Began comment responses and revisions. Will resubmit the final Scour Report in February.
- 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.
- Updated Signal Warrant Study submitted to TxDOT on 11/19. No further comments from TxDOT at this time.
- Completed additional Warrant 9 Traffic Studies as requested by UPRR. Additional intersections analyzed were Evergreen and West Davis. Included new Warrant 9 Traffic Studies with updated Signal Warrant Study submitted to TxDOT on 11/19. TxDOT has not yet indicated if new signals will be located 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.
- Review impacts to plans and reports caused by TxDOT direction to change typical section.

PS&E Design (Dannenbaum)

- Update Typical Sections based on TxDOT direction to implement Sidepath in lieu of on-street bike lanes.
- Begin 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 initiate Interlocal Agreement.

Survey (LJA)

- No work planned.

Drainage Study (LJA)

- Coordinate any drainage changes with PS&E design.
- Address TxDOT's final comments on the Scour 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:

- Resubmit UPRR Exhibit A to TxDOT.



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