

DANNENBAUM ENGINEERING CORPORATION

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Fort Bend County
301 Jackson Street
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Invoice Date: March 22, 2022
Invoice Period: 2/1/22 Through 2/28/22
Invoice Number: 513601/33/II

For Professional Services:

In connection with Grand Parkway (SH 99) Southbound Frontage Road - Segment 2 (SOQ 14-025)
P.O. Number 167061
2017 Mobility Bond Project #17304

DESCRIPTION OF WORK TASK	TOTAL CONTRACT AMOUNTS	PERCENT COMPLETE TO DATE	AMOUNTS EARNED TO DATE	PREVIOUSLY INVOICED AMOUNTS	CURRENT INVOICE AMOUNTS
Advanced Planning / Preliminary Engineering					
Schematic Design (Dannenbaum)	\$ 155,487.41	100.00%	\$ 155,487.41	\$ 155,487.41	\$ -
Environmental / NEPA (SWCA)	\$ 167,000.00	96.46%	\$ 161,084.58	\$ 160,595.59	\$ 488.99
Traffic Studies (TEDSI)	\$ 13,016.64	0.00%	\$ -	\$ -	\$ -
Drainage Impact Report (Sirrus)	\$ 78,720.00	90.00%	\$ 70,848.00	\$ 65,772.00	\$ 5,076.00
Management (Dannenbaum)	\$ 168,284.94	100.00%	\$ 168,284.94	\$ 168,284.94	\$ -
Final PS&E Engineering					
Roadway Design (Dannenbaum)	\$ 117,898.37	85.00%	\$ 100,213.63	\$ 82,528.87	\$ 17,684.76
Drainage Design (Sirrus)	\$ 87,715.00	84.35%	\$ 73,989.00	\$ 53,244.00	\$ 20,745.00
SW3P (Dannenbaum)	\$ 24,018.62	85.00%	\$ 20,415.82	\$ 12,009.30	\$ 8,406.52
Traffic - Signals (TEDSI)	\$ 13,328.99	0.00%	\$ -	\$ -	\$ -
Traffic - Signing & Pavement Marking (Dannenbaum)	\$ 43,524.10	85.00%	\$ 36,995.51	\$ 30,466.89	\$ 6,528.62
Misc. & TCP (Dannenbaum)	\$ 149,212.22	85.00%	\$ 126,830.37	\$ 104,448.54	\$ 22,381.83
Management (Dannenbaum)	\$ 214,838.40	85.00%	\$ 182,612.63	\$ 150,386.87	\$ 32,225.76
Extras					
Survey (Weisser)	\$ 67,835.00	88.89%	\$ 60,297.36	\$ 52,597.36	\$ 7,700.00
ROW Parcel Mapping (Weisser)	\$ 39,625.00	66.32%	\$ 26,278.88	\$ 26,278.88	\$ -
Geotechnical (Aviles)	\$ 119,319.11	94.41%	\$ 112,648.07	\$ 112,648.07	\$ -
Utility Coordination (Dannenbaum)	\$ 61,808.64	74.33%	\$ 45,945.27	\$ 22,993.11	\$ 22,952.16
Direct Expenses (Dannenbaum)	\$ 15,025.00	18.97%	\$ 2,850.18	\$ 2,699.93	\$ 150.25
Bid/Construction Phase Services					
Post Design Services (Dannenbaum)	\$ 36,306.36	0.00%	\$ -	\$ -	\$ -
Total Management & Engineering Fees	\$ 1,572,963.80	85.49%	\$ 1,344,781.65	\$ 1,200,441.76	\$ 144,339.89

TOTAL AMOUNT DUE THIS INVOICE: \$144,339.89

513601/MJK/II

ED

Progress Report No. 33
From February 01, 2022 to February 28, 2022
Report Date: March 15, 2022

2017 Mobility Bond Program SOQ 14-025

Project: SH99 Grand Parkway Southbound Frontage Road Segment 2
FM 1093 to Fry Road

Activities this Billing Period:

Project Management (DEC)

- Participated in conference calls with TEDSI, SWCA, SIRRUS, Aviles, RPS, and SPI to coordinate project activities.
- Continued design and plan production toward 90% PS&E submitted to TxDOT on 02/11 and 95% PS&E submitted to TxDOT on 03/03.

Environmental Studies (SWCA)

- Participated in conference calls with TxDOT.
- Coordinated with TxDOT to update and close Technical Reports on ECOS.
- **Receive NEPA clearance on 03/01.**

Survey (Weisser)

- Discussed status of ROW mapping and prepared to proceed with preparation for TxDOT submittal, pending direction from County.

Geotechnical (Aviles)

- None.

PS&E Design (DEC)

- Addressed TxDOT and RPS comments on the 60% and 90% PS&E design.
- Received and reviewed updated design files from RPS.
- Continued development of Typical Sections, Frontage Road and Ramp Plan & Profile, and OpenRoads Corridor Model.
- Continued development of removal plans, TCP, Retaining Wall plans, sound wall plans, Signing and Pavement Marking Layouts, SW3P, Soil Boring Layouts and Boring Logs.

Drainage PS&E Design (Sirus)

- Continued Overall Drainage Area Map, Drainage Area Maps, and Drainage Plan & Profile sheets based on design from Sirrus Draft Drainage Study.

Activities Next Month:

Project Management (DEC)

- Hold progress conference calls with Design Team as needed to provide updates.
- Address any comments from TxDOT on the 90% and 95% PS&E design.
- Continue development of PS&E design toward 100% submittal to TxDOT.

Environmental Studies (SWCA)

- Pending direction from the County and/or TxDOT, coordinate Noise Workshops.

Survey (Weisser)

- Update ROW mapping and parcel plats, pending direction from Fort Bend County.

Geotechnical (Aviles)

- Address any comments on the draft geotechnical report.
- Review the 90% plans and confirm compliance with geotechnical recommendations.

PS&E Design (DEC)

- Continue work on Typical Sections, Roadway Plan & Profile, and OpenRoads Corridor Model.
- Continue TCP, Removal, and Signing and Pavement Marking Plans.
- Continue work on Retaining Wall and Sound Wall design.
- Continue structural design of exit ramp bridge.

Drainage PS&E Design (Sirrus)

- Review drainage study provided by TxDOT's consultant RPS when it is provided.
- Continue development of Drainage plans.

Approvals and Planned Deliverables next Month:

- 95% PS&E was submitted to TxDOT on 03/03
- **Project achieved NEPA clearance on 03/01.**



Michael J. Kaspar, P.E.