

**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: September 16, 2021  
Invoice Period: 8/1/21 Through 8/31/21  
Invoice Number: 513601/27/II  
**Revised 10/20/2021**

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
<b>Advanced Planning / Preliminary Engineering</b>					
Schematic Design (Dannenbaum)	\$ 155,487.41	100.00%	\$ 155,487.41	\$ 155,487.41	\$ -
Environmental / NEPA (SWCA)	\$ 167,000.00	94.10%	\$ 157,147.40	\$ 154,930.32	\$ 2,217.08
Traffic Studies (TEDSI)	\$ 13,016.64	0.00%	\$ -	\$ -	\$ -
Drainage Impact Report (Sirus)	\$ 78,720.00	81.74%	\$ 64,347.00	\$ 64,347.00	\$ -
Management (Dannenbaum)	\$ 168,284.94	100.00%	\$ 168,284.94	\$ 168,232.35	\$ 52.59
<b>Final PS&amp;E Engineering</b>					
Roadway Design (Dannenbaum)	\$ 117,898.37	20.00%	\$ 23,579.67	\$ 5,894.91	\$ 17,684.76
Drainage Design (Sirus)	\$ 87,715.00	0.00%	\$ -	\$ -	\$ -
SW3P (Dannenbaum)	\$ 24,018.62	5.00%	\$ 1,200.93	\$ -	\$ 1,200.93
Traffic - Signals (TEDSI)	\$ 13,328.99	0.00%	\$ -	\$ -	\$ -
Traffic - Signing & Pavement Marking (Dannenbaum)	\$ 43,524.10	15.00%	\$ 6,528.62	\$ -	\$ 6,528.62
Misc. & TCP (Dannenbaum)	\$ 149,212.22	15.00%	\$ 22,381.83	\$ 5,968.49	\$ 16,413.34
Management (Dannenbaum)	\$ 214,838.40	10.00%	\$ 21,483.83	\$ 4,296.76	\$ 17,187.07
<b>Extras</b>					
Survey (Weisser)	\$ 67,835.00	77.54%	\$ 52,597.36	\$ 52,597.36	\$ -
ROW Parcel Mapping (Weisser)	\$ 39,625.00	66.32%	\$ 26,278.88	\$ 26,278.88	\$ -
Geotechnical (Aviles)	\$ 63,121.46	75.98%	\$ 47,961.79	\$ 47,961.79	\$ -
Utility Coordination (Dannenbaum)	\$ 91,808.64	8.04%	\$ 7,385.65	\$ 6,008.52	\$ 1,377.13
Direct Expenses (Dannenbaum)	\$ 15,025.00	11.97%	\$ 1,798.43	\$ 1,648.18	\$ 150.25
<b>Bid/Construction Phase Services</b>					
Post Design Services (Dannenbaum)	\$ 62,504.01	0.00%	\$ -	\$ -	\$ -
<b>Total Management &amp; Engineering Fees</b>	<b>\$ 1,572,963.80</b>	<b>48.09%</b>	<b>\$ 756,463.74</b>	<b>\$ 693,651.97</b>	<b>\$ 62,811.77</b>

**TOTAL AMOUNT DUE THIS INVOICE: \$62,811.77**

513601/MJK/II

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**Progress Report No. 27**  
**From August 01, 2021 to August 31, 2021**  
**Report Date: September 15, 2021**

**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, RPS, and SPI to coordinate project activities.
- Continued preparation of 30% PS&E for September submittal to TxDOT.
- Reviewed environmental status based on questions from TxDOT and their consultant.

**Environmental Studies (SWCA)**

- Participated in conference calls with TxDOT.
- Coordinated with TxDOT to obtain approval of Technical Reports.
- Updated and entered project information into ECOS, including final schematic and AFA.

**Survey (Weisser)**

- None

**Drainage Study (Sirus)**

- None

**PS&E Design (DEC)**

- Received and reviewed updated design files from RPS.
- Continued work on Typical Sections, Frontage Road and Ramp Plan & Profile, and OpenRoads Corridor Model.
- Updated Roadway design to eliminate Shared Use Lanes (14' wide) and implement 10' shared use path adjacent to right-of-way.
- Created Removal plans.
- Created TCP Narrative, Advanced Warning Signs, TCP Layouts, TCP plans, and Detour Routes.
- Created Signing and Pavement Marking Layouts.

- Created Soil Boring Layouts and Boring Logs.
- Created Bridge Layouts for Exit Ramp.

### **Drainage PS&E Design (Sirus)**

- Created 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.
- Coordinate with TxDOT and their design consultant RPS to submit 30% PS&E design.

#### **Environmental Studies (SWCA)**

- Continue coordination with TxDOT to address remaining environmental issues.
- Continue to answer any questions from TxDOT.
- Expect to receive environmental approval in September, pending final review from Austin.

#### **Survey (Weisser)**

- None

#### **Geotechnical (Aviles)**

- Coordinate with DEC to plan additional borings for exit ramp structure.

#### **Drainage Study (Sirus)**

- Review drainage study provided by TxDOT's consultant RPS when it is provided.

#### **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.
- Begin work on Retaining Wall design.
- Continue structural design of exit ramp bridge.

**Drainage PS&E Design (Sirus)**

- Continue Drainage design, pending submittal of TxDOT's drainage study.

**Approvals and Planned Deliverables next Month:**

- TxDOT approval of CE.
- 30% PS&E submittal date to TxDOT is currently scheduled for 09/10.



Michael J. Kaspar, P.E.