

**DANNENBAUM ENGINEERING CORPORATION**

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

PO # 167061  
oms  
REC 47207%

Richard Stolleis, P.E.  
Fort Bend County  
301 Jackson Street  
Richmond, Texas 77469-3108

Invoice Date: November 21, 2018  
Invoice Period: 10/01/18 Through 10/31/18  
Invoice Number: 513601/03/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
<b>Advanced Planning / Preliminary Engineering</b>					
Schematic Design (Dannenbaum)	\$ 155,487.36	29.14%	\$ 45,313.90	\$ 31,879.55	\$ 13,434.35
Environmental / NEPA (SWCA)	\$ 147,000.00	11.97%	\$ 17,590.62	\$ 3,679.27	\$ 13,911.35
Traffic Studies (TEDSI)	\$ 13,016.64	0.00%	\$ -	\$ -	\$ -
Drainage Impact Report (Sirus)	\$ 78,720.00	81.74%	\$ 64,347.00	\$ 56,475.00	\$ 7,872.00
Management (Dannenbaum)	\$ 168,284.94	15.00%	\$ 25,242.75	\$ 16,828.50	\$ 8,414.25
<b>Final PS&amp;E Engineering</b>					
Roadway Design (Dannenbaum)	\$ 117,898.37	0.00%	\$ -	\$ -	\$ -
Drainage Design (Sirus)	\$ 87,715.00	0.00%	\$ -	\$ -	\$ -
SW3P (Dannenbaum)	\$ 24,018.62	0.00%	\$ -	\$ -	\$ -
Traffic - Signals (TEDSI)	\$ 33,328.99	0.00%	\$ -	\$ -	\$ -
Traffic - Signing & Pavement Marking (Dannenbaum)	\$ 43,524.10	0.00%	\$ -	\$ -	\$ -
Misc. & TCP (Dannenbaum)	\$ 149,212.22	0.00%	\$ -	\$ -	\$ -
Management (Dannenbaum)	\$ 214,838.40	0.00%	\$ -	\$ -	\$ -
<b>Extras</b>					
Survey (Weisser)	\$ 92,460.00	44.78%	\$ 41,404.60	\$ 41,404.60	\$ -
ROW Parcel Mapping (Weisser)	\$ 15,000.00	13.33%	\$ 2,000.00	\$ 2,000.00	\$ -
Geotechnical (Aviles)	\$ 63,121.46	75.98%	\$ 47,961.79	\$ 22,281.88	\$ 25,679.91
Utility Coordination (Dannenbaum)	\$ 91,808.64	1.00%	\$ 918.09	\$ -	\$ 918.09
Direct Expenses (Dannenbaum)	\$ 15,025.00	0.18%	\$ 26.71	\$ -	\$ 26.71
<b>Bid/Construction Phase Services</b>					
Post Design Services (Dannenbaum)	\$ 62,504.06	0.00%	\$ -	\$ -	\$ -
<b>Total Management &amp; Engineering Fees</b>	\$ 1,572,963.80	15.56%	\$ 244,805.46	\$ 174,548.80	\$ 70,256.66

**TOTAL AMOUNT DUE THIS INVOICE: \$70,256.66**

513601/MJK/II

OK, JSS  
12/3/18

**Progress Report No. 03**  
**From October 01, 2018 to October 31, 2018**  
**Report Date: November 14, 2018**

**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:**

**Schematic Design (Dannenbaum):**

- Held bi-weekly progress conference calls with Segment 1 project lead TEDSI.
- Met with Fort Bend County on 10/10 to review schematic design, including alternative alignments based on BGE and A&F designs.
- Continued development of preliminary roadway schematic.
- Coordinated with TxDOT's consultants Walter P. Moore and Entech to obtain latest PDFs and design files of TxDOT's mainlane widening schematic.
- Coordinated and managed surveying, geotechnical, and drainage design efforts.
- Met with TxDOT on 11/08 to present schematics and discuss environmental processes and overall project schedule.

**Survey (Weisser)**

- Collected additional topography features and boreholes and updated CAD file.
- Updated utility CAD file.
- Updated existing ROW for HEB Driveway and added to the CAD file.

**Geotechnical (Aviles)**

- Completed laboratory testing.
- Completed Engineering Analysis and Recommendations for Draft Report.
- Prepared Draft Geotechnical Report.
- Monitored piezometers.

**Drainage Study (Sirus)**

- Provided detention pond sizes and drainage information for specific outfalls.
- Completed draft Drainage Study report and submitted to Dannenbaum for review.
- Setup Existing Condition WinStorm runs.

**Activities Next Month:**

**Schematic Design (Dannenbaum):**

- Continue Schematic Design Development.
- Coordinate with TxDOT to advance design, including environmental technical reports, Frontage Road Request, and changes to Control of Access.
- Continue coordination with sub consultants.
- Send Schematic to Utility Companies.

**Survey (Weisser)**

- Complete topography survey and update CAD file.
- Complete utility survey and update CAD file.
- Continue preparation of Right of Way Maps.

**Geotechnical (Aviles)**

- Address any comments on the draft Geotechnical Report.

**Drainage Study (Sirus)**

- Coordinate with Dannenbaum as schematic is developed.
- Address Drainage Study report comments from Dannenbaum.

**Approvals and Planned Deliverables next Month:**

- Submit updated schematic to Fort Bend County and TxDOT for review.
- Submit preliminary drainage report to Fort Bend County and TxDOT for review.



Michael J. Kaspar, P.E.

**Svatek, Donna**

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**From:** Elise Dillow <edillow@spi-eng.com>  
**Sent:** Thursday, November 29, 2018 5:23 PM  
**To:** ENGINvoices  
**Cc:** Mark Dessens  
**Subject:** SH99 Grand Parkway Frontage Road Segment 2 - Invoice #3  
**Attachments:** FBC SH99 Frontage Road-Invoice 3 October 2018.pdf

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good Afternoon,

Attached is Dannenbaum's invoice for Grand Parkway Frontage Road Segment 2. I have reviewed the invoice and approve it for processing. Please let me know if you have any questions.

Thank you,

**Elise Dillow | E.I.T.**  
p 281.920.0487 | f 281.920.9924



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