

PO # 167061  
 OMS  
 Rec 481436

**DANNENBAUM ENGINEERING CORPORATION**

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

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

Invoice Date: February 12, 2019  
 Invoice Period: 12/01/18 Through 01/31/19  
 Invoice Number: 513601/05/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	45.33%	\$ 70,476.27	\$ 64,185.68	\$ 6,290.59
Environmental / NEPA (SWCA)	\$ 147,000.00	30.84%	\$ 45,340.56	\$ 30,670.89	\$ 14,669.67
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	20.00%	\$ 33,656.99	\$ 29,449.87	\$ 4,207.12
<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	\$ 47,961.79	\$ -
Utility Coordination (Dannenbaum)	\$ 91,808.64	5.00%	\$ 4,590.43	\$ 2,754.26	\$ 1,836.17
Direct Expenses (Dannenbaum)	\$ 15,025.00	0.34%	\$ 51.24	\$ 51.24	\$ -
<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	19.70%	\$ 309,828.88	\$ 282,825.33	\$ 27,003.55

**TOTAL AMOUNT DUE THIS INVOICE: \$27,003.55**

513601/MJK/II

OK, JSS  
 02/18/19

**Progress Report No. 05**  
**From December 01, 2018 to January 31, 2019**  
**Report Date: February 11, 2019**

**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.
- 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.
- Provided updated schematic, cost estimates, and ROW information to County for submittal to HGAC for TIP update.
- Addressed Fort Bend County comments and revised schematic accordingly.
- Coordinated and managed environmental, surveying, geotechnical, and drainage design efforts.

**Survey (Weisser)**

- Collected additional topography features as requested by drainage design engineer and updated CAD file.
- Updated utility CAD file.
- Prepared to begin ROW Mapping upon approval of schematic.

**Environmental Studies (SWCA)**

- Updated scoping tool with design information, ROW area, ramp reversal, lane closures, access changes, potential detention pond locations.
- Coordinated with TxDOT regarding schedule and submittals.
- Submitted reports to TxDOT, including Scope Development Tool, Air Quality, Biological Evaluation, Hazardous Materials Site Assessment, Tier 1 Site Assessment, Wetland Delineation, and Water Resources.
- Coordinated with TxDOT to obtain latest noise model for main lane widening.

**Activities Next Month:**

**Schematic Design (Dannenbaum):**

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

**Survey (Weisser)**

- Update survey with information requested by SIRRUS.
- Begin ROW Mapping upon approval of schematic design.

**Geotechnical (Aviles)**

- Address any comments on the draft Geotechnical Report.

**Drainage Study (SIRRUS)**

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

**Environmental Studies (SWCA)**

- Continue updating TxDOT Scope Development Tool and Project Scoping Form.
- Address comments from TxDOT on reports submitted in January.
- Continue Air and Noise analysis.

**Approvals and Planned Deliverables next Month:**

- Submit updated schematic to TxDOT for review.
- Submit preliminary drainage report to Fort Bend County and TxDOT for review.
- Submit preliminary Geotechnical 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:** Friday, February 15, 2019 11:12 AM  
**To:** ENGInvoices  
**Cc:** Mark Dessens  
**Subject:** SH99 Grand Parkway Frontage Road Segment 2 - Invoice #5  
**Attachments:** FBC SH99 Frontage Road-Invoice 5 January 2019.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 Morning,

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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