

April 07, 2022  
Project No: 2018-2042-01  
Invoice No: 202455

Stacy Slawinski, P.E.  
Fort Bend County Engineering Department  
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Total Contract Amount: \$1,205,161.66  
Previous Amount Billed: \$1,023,567.25  
Amount Billed to Date: \$1,082,943.57  
Contract Amount Remaining: \$122,218.09

Project 2018-2042-01 Ft. Bend Grand Parkway Frontage Road  
Grand Parkway (SH 99 Frontage Road) - Segment 1 - Project Number 17303  
2017 Mobility Bond Program  
Purchase Order No. 167060  
Fort Bend County - Precinct 3

**Professional Services from March 01, 2022 to March 31, 2022**

Phase 100 Advance Planning/Preliminary Engineering

Task	Fee	Percent Complete	Earned	Previous Fee Billing	Current Fee Billing
Schematic Design	124,601.59	100.00	124,601.59	124,601.59	0.00
Traffic Studies	9,032.14	100.00	9,032.14	9,032.14	0.00
Drainage Impact (Sirrus)	60,371.25	100.00	60,371.25	60,371.25	0.00
Management	<u>96,863.24</u>	100.00	<u>96,863.24</u>	<u>96,863.24</u>	<u>0.00</u>
Total Fee	290,868.22		290,868.22	290,868.22	0.00

**Total this Phase 0.00**

Phase 200 Management & Final PS&E Engineering

Task	Fee	Percent Complete	Earned	Previous Fee Billing	Current Fee Billing
Roadway Design	159,386.24	92.00	146,635.34	143,447.62	3,187.72
Drainage Design (Sirrus)	53,321.25	80.00	42,657.00	37,324.88	5,332.12
SW3P	43,447.45	80.00	34,757.96	32,585.59	2,172.37
Traffic Signals	34,057.22	90.00	30,651.50	30,651.50	0.00
Traffic Signing and Pavement Markings	74,536.60	90.00	67,082.94	67,082.94	0.00
Miscellaneous and TCP	219,604.76	90.00	197,644.28	191,056.14	6,588.14
Management	<u>95,120.22</u>	90.00	<u>85,608.20</u>	<u>82,754.59</u>	<u>2,853.61</u>
Total Fee	679,473.74		605,037.22	584,903.26	20,133.96

**Total this Phase                    \$20,133.96**

Phase                    300                    Extras

Task	Fee	Percent Complete	Earned	Previous Fee Billing	Current Fee Billing
Survey (Weisser)	64,570.00	93.92	60,644.14	60,644.14	0.00
ROW Parcel Mapping-17 Parcels (Weisser)	25,500.00	100.00	25,500.00	25,500.00	0.00
Geotechnical (Geotech)	54,956.50	100.00	54,956.50	54,956.50	0.00
Direct Expenses	<u>7,047.50</u>	95.00	<u>6,695.13</u>	<u>6,695.13</u>	<u>0.00</u>
Total Fee	152,074.00		147,795.77	147,795.77	0.00

**Total this Phase                    0.00**

Phase                    400                    Bid/Construction Phase Services

Task	Fee	Percent Complete	Earned	Previous Fee Billing	Current Fee Billing
Post Design Services	<u>39,631.70</u>	0.00	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
Total Fee	39,631.70		0.00	0.00	0.00


**Total this Phase                    0.00**

Phase                    500                    Supplemental Geotechnical Services

Task	Fee	Percent Complete	Earned	Previous Fee Billing	Current Fee Billing
Supplemental Geotechnical Services	<u>43,114.00</u>	91.02	<u>39,242.36</u>	0.00	<u>39,242.36</u>
Total Fee	43,114.00		39,242.36	0.00	39,242.36

**Total this Phase                    \$39,242.36**

**Total this Invoice                    \$59,376.32**

Authorized By:   
 Jules M. Morris, Jr., P.E.

Date: 4/07/2022



**TEDSI**  
TBPE F-1640

**TEDSI INFRASTRUCTURE GROUP**

*Consulting Engineers*

738 Highway 6 South ♦ Suite 430 ♦ Houston, Texas 77079

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## Invoice Progress Report No. 20

Project: **Grand Parkway (SH 99) Frontage Road – Westheimer Pkwy to Cinco Ranch Blvd**

Invoice Period: **March 1, 2022 – March 31, 2022**

### Progress During This Billing Period:

#### TEDSI:

- Continued coordinating with Amer Qureshi as the new TxDOT Project Manager.
- Still waiting on the mainlane Drainage Report in order for us to complete the frontage road drainage plans. Met on February 21st with RPS, Civiltech, SPI to discuss drainage. Civiltech provided a conceptual layout which had multiple box culverts for underground detention. Our drainage sub SIRRUS provided conceptual layouts for the locations of the underground storage boxes, but requested additional detail from Civiltech to ensure it works with the overall drainage model. Met again March 29<sup>th</sup> for further clarification of junction boxes and weir structures. Civiltech said would have by April 8.
- Completed working on all sheets for Title Sheet, Existing Typical Sections, Proposed Typical Sections, Roadway Plan & Profiles, Retaining Wall Plan & Profiles, TCP narrative and conceptual phasing layouts, traffic sheets including signal modification, signing and pavement marking for 90% submittal.
- Coordinated with RPS and SPI on utility relocations of water line, fiber optic line, and one CenterPoint power pole.
- Requested EPIC sheets from TxDOT Environmental on 11/17/2021. To date we've not received those from TxDOT.
- Updated preliminary cost estimate with accurate quantities.
- General coordination with subconsultants, design team leaders, project management, invoice and progress reporting.

#### Geotech:

- Geotech sub provided three additional borings and is updating the Geotech Report for retaining wall stability analysis as required by TxDOT.

#### SIRRUS:

- Continued developing PS&E Drainage Plans, but do not have mainlane Drainage Report from RPS. Meeting with RPS and Civiltech on 2/21/2021 provided a preliminary layout of box culvert detention. Worked on preliminary layouts. Met again on March 29<sup>th</sup> and still waiting on clarification from Civiltech on method of junction box and weir structures.

Weisser:

- Received ROW mapping comments from Houston District ROW section on 11/19/2021 in hard copy red line format. Received the ROW CSJ 3510-04-062 on 11/22/2021. Weisser made corrections and resubmitted on 12/15/2021. ROW Maps under review at TxDOT.