



TSC Engineering
 "A TRW Engineers, Inc. Company"

PO 124088
 Rec 3506182
 12/22/14

ayp

Mr. Richard Stolleis, P.E.
 County Engineer
 Fort Bend County
 301 Jackson Road
 Richmond, Texas 77469
 Attn: Mr. Stacy Slawinski, P.E.

Date: **December 20, 2016**
 Invoice No.: **779-002-09**
 TSC Project No.: **779-002**

Re: Agreement for Engineering Services

Description: Crossover Road - From FM 1463 to Prop. Spring Green Blvd.
 Fort Bend County, Texas

Purchase Order No.: PO # 124088
 Vendor Number: 21773

This Invoice covers work performed th 11/1/2016 to 12/1/2016

	Authorized Amount	Authorized Amount Remaining	Percent Complete to Date	Total Invoice to Date	Previously Invoiced	Amount Due This Invoice
Basic Service:						
A. Study Phase (TSC)	\$ 149,811.00	0.00	100.00%	\$ 149,811.00	\$ 149,811.00	\$ -
B. Design Phase (TSC)	\$ 149,811.00	69,811.00	53.40%	\$ 80,000.00	\$ 55,000.00	\$ 25,000.00
C. Topo Survey (Huit-Zollars)	\$ 29,300.00	2,930.00	90.00%	\$ 26,370.00	\$ 26,370.00	\$ -
D. Geotechnical (Aviles)	\$ 19,954.50	0.00	100.00%	\$ 19,954.50	\$ 19,954.50	\$ -
E. Traffic Signal (Progressive)	\$ 25,800.00	25,800.00	0.00%	\$ -	\$ -	\$ -
F. TXDOT Coordination & Approvall (TSC)	\$ 7,500.00	5,000.00	33.33%	\$ 2,500.00	\$ 2,500.00	\$ -
SUB-TOTAL	\$ 382,176.50	103,541.00	72.91%	\$ 278,635.50	\$ 253,635.50	\$ 25,000.00
G. Construction Phase Admininstration (TSC)	\$ 30,050.00	30,050.00	0.00%	\$ -	\$ -	\$ -
TOTAL	\$ 412,226.50	\$ 133,591.00	67.59%	\$ 278,635.50	\$ 253,635.50	\$ 25,000.00

OK, JSS
 12/22/16

I certify that the services represented by this bill are true and correct and have been rendered in accordance with the terms of this contract.

By: David S. Kernany
 David S. Kernany, P.E.
 Partner

1710 S. Dairy Ashford, Suite 200 Houston Texas 77077
 Office: 713-784-7777

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FORT BEND MOBILITY PROGRAM

PROJECT STATUS REPORT

Date: 12/20/2016

PROJECT: Crossover Road, From FM 1463 to Spring Green Blvd.

PROJECT PHASE: Study Phase/ Design phase

CONTRACT OR PROJECT NO. Mobility project No. 13307

ACTIVITIES ACHIEVED:

- 1- Continue working on design drawings SWPPP and Demo Plans
- 2- Continue working on the Cover sheet, Notes, Overall layouts, Plan & Profiles, TCP, Pavement Marking and Signage and details
- 3- Continue Coordination with Progressive for signalization design

PLANNED ACTIVITIES FOR NEXT PERIOD:

- 1- Continue working on design drawings; SWPPP and Demo Plans
- 2- Continue working on the Cover sheet, Notes, Overall layouts, Plan & Profiles, TCP, Pavement Marking and Signage and details

OUTSTANDING ITEMS, NEEDS OR CONCERNS:

SCHEDULE UPDATE:

TRW Engineers dba TSC Engineering

2016			2017												2018			
AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB

Act ID	Description	Work Days	Start Date	Finish Date
ENG - Crossover Road Engineering				
O1000	Crossover Road Engineering	224 *	06OCT16	18AUG17
DES - Design Phase				
D0500	Design Phase	191 *	06OCT16	03JUL17
D1000	Design Kick-Off Meeting	1	06OCT16	06OCT16
D1060	1st Submittal Design	60	07OCT16	30DEC16
D1070	Traffic Control Review Meeting	1	04NOV16	04NOV16
D1090	Consultant QA/QC	5	03JAN17	09JAN17
D2000	1st Design Submittal	1	10JAN17	10JAN17
D2050	Review by County	21	11JAN17	08FEB17
D2070	Incorporate Fort Bend Comment	40	09FEB17	05APR17
D2090	Consultant QA/QC	5	06APR17	12APR17
D2100	2nd Design Submittal	1	13APR17	13APR17
D2150	Review by County	14	14APR17	03MAY17
D2200	Incorporate Fort Bend Comment	15	04MAY17	24MAY17
D2220	Consultant QA/QC	5	25MAY17	31MAY17
D2250	Final Submittal	14	01JUN17	20JUN17
D2300	Request for Bid	1	21JUN17	21JUN17
D2350	Utility Approvals	5	22JUN17	28JUN17
D2400	Fort Bend County Approval	3	29JUN17	03JUL17
D2450	Commissioner Court Approval	1	13JUL17	13JUL17
CON - Bid & Contract Phase				
C0500	Bid and Contract Phase	24 *	18JUL17	18AUG17
C1000	Bid Advertisement	14	18JUL17	04AUG17
C1500	Bid Opening	1	10AUG17	10AUG17
C2000	Bid Review	5	11AUG17	17AUG17
C2500	Recommendation	1	18AUG17	18AUG17

Crossover Road Engineering

Design Phase

Design Kick-Off Meeting

1st Submittal Design

Traffic Control Review Meeting

Consultant QA/QC

1st Design Submittal

Review by County

Incorporate Fort Bend Comment

Consultant QA/QC

2nd Design Submittal

Review by County

Incorporate Fort Bend Comment

Consultant QA/QC

Final Submittal

Request for Bid

Utility Approvals

Fort Bend County Approval

Commissioner Court Approval

Bid and Contract Phase

Bid Advertisement

Bid Opening

Bid Review

Recommendation

Start date	06OCT16
Finish date	18AUG17
Data date	06OCT16
Run date	02OCT16
Page number	1A
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Crossover Road
Precinct 3
Fort Bend County, Texas
Design Schedule

Calculate: Total
Display: Quantity
Interval: Week
Total cumulative curve

Peterson, Jillian

From: Elise Dillow <edillow@spi-eng.com>
Sent: Tuesday, December 20, 2016 3:45 PM
To: Peterson, Jillian
Cc: Hieu Nguyen
Subject: Crossover Invoice
Attachments: 779-002-09 Cross Over.pdf

Jillian,

Attached is TSC's invoice for Crossover. I have reviewed the invoice and everything looks good. Please let me know if you have any questions.

Thank you,

Elise Dillow, EIT
Schaumburg & Polk, Inc.
(281) 920-0487 office