

PO# 124088
 rec. 390356

BH



TSC Engineering

"A TRW Engineers, Inc. Company"

Date: **January 20, 2017**
 Invoice No.: **779-002-10**
 TSC Project No.: **779-002**

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

Re: Agreement for Engineering Services

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

Purchase Order No.: P0 # 124088
 Vendor Number: 21773

This Invoice covers work performed th 12/1/2016 to 12/30/2016

	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	59,811.00	60.08%	\$ 90,000.00	\$ 80,000.00	\$ 10,000.00
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	10,320.00	60.00%	\$ 15,480.00	\$ -	\$ 15,480.00
F. TXDOT Coordination & Approvall (TSC)	\$ 7,500.00	3,500.00	53.33%	\$ 4,000.00	\$ 2,500.00	\$ 1,500.00
G. Additional Services	\$ 17,844.00	0.00	100.00%	\$ 17,844.00	\$ -	\$ 17,844.00
SUB-TOTAL	\$ 400,020.50	76,561.00	80.86%	\$ 323,459.50	\$ 278,635.50	\$ 44,824.00
G. Construction Phase Administration (TSC)	\$ 30,050.00	30,050.00	0.00%	\$ -	\$ -	\$ -
TOTAL	\$ 430,070.50	\$ 106,611.00	75.21%	\$ 323,459.50	\$ 278,635.50	\$ 44,824.00

44,824.00
 OK JSS
 1/27/17

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. Kermany
 David S. Kermany, P.E.
 Partner

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

FORT BEND MOBILITY PROGRAM

PROJECT STATUS REPORT

Date: 1/20/2017

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- Submitted 60% construction plans for review
- 2- Will 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:

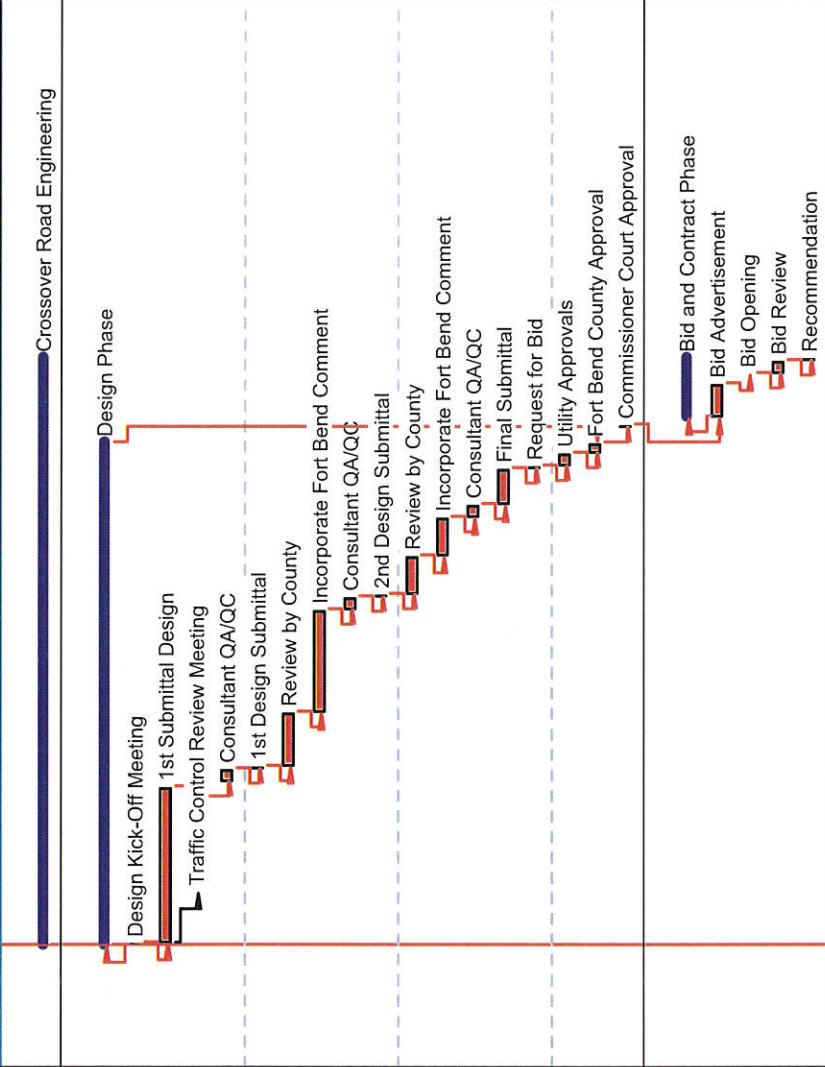
- 1- Continue working on design drawings; SWPPP and Demo Plans to achieve 90% submittal
- 2- Continue working on the Cover sheet, Notes, Overall layouts, Plan & Profiles, TCP, Pavement Marking and Signage and details
- 3- Will address the 60% comments

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	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

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

Crossover Road
 Precinct 3
 Fort Bend County, Texas
 Design Schedule

Start date	06OCT16
Finish date	18AUG17
Data date	06OCT16
Run date	02OCT16
Page number	1A
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Peterson, Jillian

From: Elise Dillow <edillow@spi-eng.com>
Sent: Thursday, January 26, 2017 9:16 AM
To: Peterson, Jillian
Subject: Crossover Invoice 10
Attachments: 779-002-10 Cross Over.pdf

Jillian,

Attached is TSC's invoice 10 for Crossover Rd. 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