



**AGUIRRE & FIELDS<sub>LP</sub>**  
**ENGINEERS AND PLANNERS**

PO 138400  
Rec 368312  
8/2/16

gfp

## Invoice

June 30, 2016

Fort Bend County Engineering Department  
301 Jackson Street  
Richmond, TX 77469

Attention: Mr. Richard W. Stolleis, P.E.

Invoice No.: 6030  
AFLP Project No.: 12607.2  
Project Name: Greenbusch Road Improvements (Project No. 13312)  
PO Number 138400  
Service Dates: June 1, 2016 through June 30, 2016

## Invoice Summary

Task Description	Contract Amount	Percent Complete	Amount Complete	Previously Invoiced	Current Amount
Preliminary Design	\$121,397.00	29.81%	\$36,188.45	\$10,925.73	\$25,262.72
Final Design	\$342,874.00	0.00%	\$0.00	\$0.00	\$0.00
Bid & Construction	\$30,000.00	0.00%	\$0.00	\$0.00	\$0.00
Survey	\$119,775.00	80.00%	\$95,820.00	\$0.00	\$95,820.00
ROW Maps	\$50,905.00	0.00%	\$0.00	\$0.00	\$0.00
Geotech	\$19,800.00	0.00%	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$684,751.00</b>	<b>19.28%</b>	<b>\$132,008.45</b>	<b>\$10,925.73</b>	<b>\$121,082.72</b>

## Total Amount Due

**\$121,082.72**

OK, JFS  
08/02/16

## Progress Report:

With draft survey information, AFLP developed a preliminary road configuration with horizontal and vertical alignments including existing and proposed typical cross sections, studied in preliminary stage TCP and ROW needs. Discussed with FBC Drainage District the utilization of existing creek (72" discharge). Reviewed survey advance with comment to surveyor. Coordinated with geotech field work and drilling schedule.



## **FORT BEND MOBILITY PROGRAM**

### **PROJECT STATUS REPORT**

**PROJECT:** Greenbusch Road Paving and Drainage Improvements

From Gaston Rd to Westheimer Pkwy

**CONSULTANT:** AGUIRRE & FIEDLS LP

**PROJECT PHASE:** Preliminary Design

**CONTRACT OR PROJECT NO.** P.O. Number 138400

**DATE:** June 30, 2016

With draft survey information, AFLP developed a preliminary road configuration with horizontal and vertical alignments including existing and proposed typical cross sections, studied in preliminary stage TCP and ROW needs. Discussed with FBC Drainage District the utilization of existing creek (72" discharge). Reviewed survey advance with comment to surveyor. Coordinated with geotechnical study, field work and drilling schedule.

#### **ACTIVITIES ACHIEVED:**

06/01/16	Preliminary horizontal alignment based on survey and GIS info
06/03/16	Preliminary vertical alignment base on LiDAR and survey info
06/06/16	Review drainage conditions with design team.
06/07/16	Ft Bend County: Greenbusch project coordination call
06/08/16	Geotech drilling coordination
06/09/16	Review roadway and drainage configuration
06/13/16	Preliminary roadway layout w/out ROW info
06/15/16	FBC Drainage District coordination
06/16/16	Ft Bend County: Greenbusch project coordination call
06/20/16	Record drawings and as-built review
06/22/16	Preliminary TCP analysis and layout
06/27/16	Draft survey files received, existing ground modeling
06/28/16	Preliminary ROW info and Utility coordination
06/29/16	Adjust horizontal and vertical alignments with topo info
06/30/16	Ft Bend County: Greenbusch project coordination call
	Adjust existing and proposed cross sections

6/30/2016



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**PLANNED ACTIVITIES FOR NEXT PERIOD:**

Finish Field and office ROW map

Identification of ROW property lines and required ROW recommendations

Preliminary drainage study and estimate configuration and size of storm sewer.

Preliminary roadway layout and bridge limits

**OUTSTANDING ITEMS, NEEDS OR CONCERNS:**

Horizontal and Vertical Roadway design

Bridge Layout

ROW needs identification

FBC Drainage District coordination.

**SCHEDULE UPDATE:**



# Project Name: Greenbusch Road Paving & Drainage Improvements "EXHIBIT D" - PROJECT SCHEDULE



Project Limits: Gaston to Westheimer Parkway  
Thu 5/26/16

ID	Task Name	Duration	Start	Finish
1	Greenbusch	216 days	Fri 4/1/16	Fri 1/27/17
2	Preliminary Design	101 days	Fri 4/1/16	Fri 8/19/16
3	NTP	0 days	Fri 4/1/16	Fri 4/1/16
4	Topographic Survey	60 days	Thu 4/7/16	Wed 6/29/16
5	Survey Control Map - Draft	15 days	Thu 6/30/16	Wed 7/20/16
6	Geotechnical Report - Draft	40 days	Thu 5/26/16	Wed 7/20/16
7	Drainage Report - Draft	60 days	Mon 5/2/16	Fri 7/22/16
8	30% Plans (P&Ps/Typ Sec)	10 wks	Thu 5/19/16	Wed 7/27/16
9	Utility Conflict Table	10 days	Thu 7/21/16	Wed 8/3/16
10	Cost Estimate	10 days	Thu 7/21/16	Wed 8/3/16
11	Report	10 days	Thu 7/21/16	Wed 8/3/16
12	PER Submittal	0 days	Fri 8/5/16	Fri 8/5/16
13	FBC Review	2 wks	Mon 8/8/16	Fri 8/19/16
14	Final Design	115 days	Fri 8/19/16	Fri 1/27/17
15	NTP	0 days	Fri 8/19/16	Fri 8/19/16
16	70% Plans	40 days	Mon 8/22/16	Fri 10/14/16
17	70% Specs	10 days	Mon 10/10/16	Fri 10/21/16
18	70% Cost Estimate	10 days	Mon 10/10/16	Fri 10/21/16
19	Survey Control Map - Final	2 wks	Mon 10/10/16	Fri 10/21/16
20	ROW Maps	5 wks	Mon 9/19/16	Fri 10/21/16
21	Geotechnical Report - Final	3 wks	Mon 8/22/16	Fri 9/9/16
22	Drainage Report - Final	5 wks	Mon 9/19/16	Fri 10/21/16
23	70% Submittal	0 days	Fri 10/21/16	Fri 10/21/16
24	FBC Review	2 wks	Mon 10/24/16	Fri 11/4/16
25	95% Plans	30 days	Mon 11/7/16	Fri 12/16/16
26	95% Specs	10 days	Mon 12/12/16	Fri 12/23/16
27	95% Cost Estimate	10 days	Mon 12/12/16	Fri 12/23/16
28	95% Submittal	0 days	Fri 12/23/16	Fri 12/23/16
29	FBC Review	2 wks	Mon 12/26/16	Fri 1/6/17
30	Address Comments	2 wks	Mon 1/9/17	Fri 1/20/17
31	Submit Bid Documents	0 days	Fri 1/27/17	Fri 1/27/17

NTP ♦ 4/1

PER Submittal ♦ 8/5

NTP ♦ 8/19

70% Submittal ♦ 10/21

95% Submittal ♦ 12/23

Submit Bid Documents ♦ 1/27

**Peterson, Jillian**

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**From:** Elise Dillow <edillow@spi-eng.com>  
**Sent:** Tuesday, July 26, 2016 2:48 PM  
**To:** Peterson, Jillian  
**Cc:** Hieu Nguyen  
**Subject:** Aguirre & Fields June Invoice  
**Attachments:** Invoice 6030 12607 2 2016-06-30 FBC.pdf

Jillian,

Attached is the Aguirre & Fields June invoice for Greenbusch Road. I have looked the invoice over 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