

April 7, 2011

Mr. D. Jesse Hegemier, P.E.  
County Engineer  
Fort Bend County  
1124 Blume Road  
Rosenberg, Texas 77471

Re: Invoice No. 4 for Brand Lane (FBC Project No. 718)  
Invoice No. 4 for Brand Lane (FBC Project No. 769)  
Partial Payment for Work Authorization Nos. 1 and 2

Dear Mr. Hegemier:

We have reviewed the enclosed invoice by SES Horizon Consulting Engineers, Inc., and recommend payment in the amount of \$17,764.50 as submitted. The contract amounts shown for SES Horizon were both authorized in Work Authorization Nos. 1 and 2. The percentages of completion for which the services have been invoiced appear to be consistent with the actual amount of work completed. SES Horizon has also prepared a progress report, which is attached to the invoice for your review.

Please call me if you have any questions.

Sincerely,



Peter A. Ring, P.E.  
Project Manager

PAR/bl  
Enclosure



# **INVOICE NO. FBC2011-1003 718**

APRIL 6, 2011

## **INVOICE TO:**

D. JESSE HEGEMIER, P.E.  
COUNTY ENGINEER  
FORT BEND COUNTY  
1124-52 BLUME ROAD  
ROSENBERG, TEXAS 77471

## **REFERENCE PROJECT:**

FORT BEND COUNTY  
BRAND LANE  
FBC PROJECT NUMBER 718  
LIMITS: LUDWIG TO US 90A  
PURCHASE ORDER NUMBER 30923

**SERVICE PERIOD: JANUARY 14, 2011 TO APRIL 6, 2011**

## **DESCRIPTION: PRELIMINARY ENGINEERING**

SCOPE OF WORK	CONTRACT MAXIMUM FEE TOTAL	AMOUNT AUTHORIZED TO DATE	PERCENT COMPLETE TO DATE	AMOUNT INVOICED TO DATE	AMOUNT PREVIOUSLY INVOICED	AMOUNT PAID TO DATE	AMOUNT DUE THIS INVOICE
SES - PRELIMINARY AND FINAL ENGINEERING SERVICES	\$271,258.00	\$61,583.60	95.00%	\$58,504.42	\$49,266.88	\$49,266.88	\$9,237.54
SES - NO ADVERSE HYDRAULIC IMPACT ASSESSMENT TO STAFFORD RUN	\$12,720.76	\$12,720.76	100.00%	\$12,720.76	\$12,720.76	\$12,720.76	\$0.00
SUBPROVIDERS							
KLOTZ - RIGHT TURN LANE ANALYSIS	\$2,272.40	\$2,272.40	100.00%	\$2,272.40	\$2,272.40	\$2,272.40	\$0.00
CENTURY ENGINEERING - SURVEY	\$49,129.60	\$49,129.60	64.62%	\$31,746.00	\$31,746.00	\$31,746.00	\$0.00
AUSTIN/REED - GEOTECHNICAL INVESTIGATION	\$15,340.00	\$15,340.00	90.00%	\$13,806.00	\$13,806.00	\$13,806.00	\$0.00
SUBTOTAL	\$350,720.76	\$141,046.36		\$119,049.58	\$109,812.04	\$109,812.04	\$9,237.54
SUBTOTAL AMOUNT DUE THESE INVOICE							\$9,237.54
TOTAL AMOUNT DUE THESE INVOICE							\$9,237.54

I CERTIFY THIS INVOICE TO BE TRUE AND CORRECT:

*E. E. Salazar, Jr., P.E.*

EPIFANIO E. SALAZAR, JR., P.E.  
PRINCIPAL



# **INVOICE NO. FBC2011-1003 769**

APRIL 6, 2011

## **INVOICE TO:**

D. JESSE HEGEMIER, P.E.  
COUNTY ENGINEER  
FORT BEND COUNTY  
1124-52 BLUME ROAD  
ROSENBERG, TEXAS 77471

## **REFERENCE PROJECT:**

FORT BEND COUNTY  
BRAND LANE  
FBC PROJECT NUMBER 769  
LIMITS: LUDWIG TO US 90A  
PURCHASE ORDER NUMBER 30923

**SERVICE PERIOD: JANUARY 14, 2011 TO APRIL 6, 2011**

## **DESCRIPTION: PRELIMINARY ENGINEERING**

SCOPE OF WORK	CONTRACT MAXIMUM FEE TOTAL	AMOUNT AUTHORIZED TO DATE	PERCENT COMPLETE TO DATE	AMOUNT INVOICED TO DATE	AMOUNT PREVIOUSLY INVOICED	AMOUNT PAID TO DATE	AMOUNT DUE THIS INVOICE
SES - PRELIMINARY AND FINAL ENGINEERING SERVICES	\$250,392.00	\$56,846.40	95.00%	\$54,004.08	\$45,477.12	\$45,477.12	\$8,526.96
SES - NO ADVERSE HYDRAULIC IMPACT ASSESSMENT TO STAFFORD RUN	\$11,742.24	\$11,742.24	100.00%	\$11,742.24	\$11,742.24	\$11,742.24	\$0.00
SUBPROVIDERS							
KLOTZ - RIGHT TURN LANE ANALYSIS	\$2,097.60	\$2,097.60	100.00%	\$2,097.60	\$2,097.60	\$2,097.60	\$0.00
CENTURY ENGINEERING - SURVEY	\$45,350.40	\$45,350.40	64.62%	\$29,304.00	\$29,304.00	\$29,304.00	\$0.00
AUSTIN/REED - GEOTECHNICAL INVESTIGATION	\$14,160.00	\$14,160.00	90.00%	\$12,744.00	\$12,744.00	\$12,744.00	\$0.00
SUBTOTAL	\$323,742.24	\$130,196.64		\$109,891.92	\$101,364.96	\$101,364.96	\$8,526.96
SUBTOTAL AMOUNT DUE THESE INVOICE							\$8,526.96
TOTAL AMOUNT DUE THESE INVOICE							\$8,526.96

I CERTIFY THIS INVOICE TO BE TRUE AND CORRECT:

*E. E. Salazar, Jr., P.E.*

EPIFANIO E. SALAZAR, JR., P.E.  
PRINCIPAL



## **PROGRESS MEETING NUMBER 4 PROJECT STATUS**

### Reference Project:

**Fort Bend County**

**2007 Fort Bend County Mobility Program**

**Brand Lane, Avenue E To US90A**

**Fort Bend County Project No. 718/769**

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### Project Status From January 14, 2011 To April 6, 2011 :

The "Draft" Preliminary Engineering Report (PER) was submitted to Schaumburg & Polk, Inc. (SPI) on March 14, 2011. SPI and SES Horizon Consulting Engineers, Inc. (SES) met on March 31, 2011 @ SPI's offices to discuss SPI's PER comments to date. SES also presented additional final design issues related to this project for SPI's reference and use.

1. Project Site Visitation and Photographs (95% complete)
2. Utility Coordination (95% complete)
3. Drainage Area Map Development (95% complete)
4. Survey – (95% complete)
5. Geotech Report (90% complete)
6. Right Turn Lane Study (100% complete)
7. FBC Drainage District Coordination for Basic Services Criteria (95% complete)
8. Meeting with City of Stafford to coordinate project. Meeting will be held on April 7, 2011.
9. Meeting with FBCWCID#2 to coordinate project. Meeting will be held on April 7, 2011.
10. Meetings with City of Sugar Land to coordinate project with Dulles Avenue project
11. Dulles Avenue project status – coordination of drainage area maps (95% complete)
12. Sizing and location of proposed storm sewers (3 year and 100 year events) – cascading of flow in street is unlikely to convey 100 year event (95% complete)
13. Proposed plan layout of pavement edges – three and four lanes (95% complete)
14. TCP strategy (95% complete)

### Planned Activities For Next 30 Days:

15. Submit Final PER by April 30, 2011
16. Meet with City of Stafford and FBCWCID#2 on April 7, 2011.

### Action Items from FBC Next 30 Days:

17. Rule out any environmental issues related to the project
18. Finalize all PER comments



**PROGRESS MEETING  
PROJECT AGENDA AND STATUS**

Reference Project:

**Fort Bend County  
2007 Fort Bend County Mobility Program  
Brand Lane, Avenue E To US90A  
Fort Bend County Project No. 718/769**

**Meeting Date: March 31, 2011**

**Meeting Time: 2:00 PM**

**Location: SPI Offices**

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**PER Items to Discuss:**

1. Dulles Avenue Drainage
2. Dulles Avenue Schedule
3. Proposed Brand Lane Outfalls
4. Existing Water And Sanitary Sewer Lines
5. Lane Transitions on South End and North End (3 Lanes South ?, 2 Lanes North ?)
6. Sidewalks
7. Site Visibility Triangles
8. Back Of Curb /Right Of Way Drainage Swales (Type B-B Mod., Type A, Type E Inlets)
9. 2.0' Minimum Cover on RCB
10. Existing Fence Issues/Conflicts
11. Ludwig West End Tie-In @ 27.0'
12. Pipeline Crossing
13. Retaining Wall @ Existing RCB Extension With MBGF
14. Outstanding Environmental Issues

**Action Items from FBC Next 30 Days:**

15. Meet with City Of Stafford
16. Meet with FBCWCID#2