

ARCHITECTURE
ENGINEERING
INTERIORS
PLANNING

PO#153660 BH

rec 428204 11/21/17

FORT BEND COUNTY

PGAL

MISCELLANEOUS DESIGN SERVICES

INVOICE No.3

SERVICES FOR SEPTEMBER 1, 2017 TO SEPTEMBER 30, 2017

ALEXANDRIA
ATLANTA
AUSTIN
BOCA RATON
CHICAGO
DALLAS
HOBOKEN
HOUSTON
LAS VEGAS
LOS ANGELES

TASK	CONTRACT AMOUNT	% COMPL.	TOTAL AMOUNT	PREVIOUSLY INVOICED	TOTAL THIS INVOICE
FC 102 (110) (FEASIBILITY STUDIES)	\$ 150,538.00	9.0%	\$ 13,548.42	\$ 13,548.42	\$ -
FC 120 (120) (ENVIRONMENTAL STUDIES AND PUBLIC INVOLVEMENT)	\$ 12,570.00	0.0%	\$ -	\$ -	\$ -
FC 130 (130) (RIGHT-OF-WAY DATA)	\$ 28,240.00	15.0%	\$ 4,236.00	\$ -	\$ 4,236.00
FC 145 (145) (MANAGING CONTRACTED/DONATED PE)	\$ 150,359.32	15.0%	\$ 22,553.90	\$ 15,035.93	\$ 7,517.97
FC 160 (150) (DESIGN SURVEYS)	\$ 137,321.60	74.4%	\$ 102,206.12	\$ 52,182.21	\$ 50,023.91
FC 160 (160) (ROADWAY DESIGN CONTROLS)	\$ 236,390.00	16.0%	\$ 37,822.40	\$ 23,639.00	\$ 14,183.40
FC 160 (161) (DRAINAGE)	\$ 254,989.76	5.0%	\$ 12,749.49	\$ 5,099.80	\$ 7,649.69
FC 160 (162) (SIGNING, PAVEMENT MARKINGS & SIGNALS)	\$ 551,287.13	2.4%	\$ 13,164.00	\$ -	\$ 13,164.00
FC 160 (163) (MISCELLANEOUS)	\$ 275,944.01	5.0%	\$ 13,797.20	\$ 5,518.88	\$ 8,278.32
FC 160 (165) (TRAFFIC MANAGEMENT SYSTEMS)	\$ 57,930.47	0.0%	\$ -	\$ -	\$ -
FC 160 (170) (BRIDGE DESIGN)	\$ 30,280.00	0.0%	\$ -	\$ -	\$ -
TOTAL ✓	\$ 1,885,850.29		\$ 220,077.53 ✓	\$ 115,024.24 ✓	\$ 105,053.29 ✓

TOTAL THIS INVOICE

\$ 105,053.29

OK JAS
11/21/17

PO# 153660 BH



November 14, 2017

Mr. Stacy Slawinski, PE
Fort Bend County Engineering Department
301 Jackson Street, 4th floor
Richmond, Texas 77469

Attention: Bassem Talje, Program Manager

Ref: US 90A @ SH 99; Purchase Order No. 153660
Invoice No.3

Dear Bassem:

Attached please find our Invoice No. 3 for your review and processing. The invoice, in the amount of \$105,053.29, covers the period from September 1, 2017 to September 30, 2017.

Please let me know if you have any questions or comments.

Sincerely,

A handwritten signature in blue ink, appearing to read "Costas", with a stylized flourish extending to the right.

Costas Georghiou, PE
Project Principal

November 14, 2017

Mr. Stacy Slawinski, PE
Fort Bend County Engineering Department
301 Jackson Street, 4th floor
Richmond, Texas 77469

Attention: Bassem Talje, Program Manager

**Ref: US 90A @ SH 99; Purchase Order No. 153660
Invoice No.3**

Dear Bassem:

The following is our status report for the US 90a @ SH 99 project for the period of September 1, 2017 to September 30, 2017:

Work completed during reporting period

- Completed geometric design of main lanes and frontage roads.
- Completed topographic surveys.
- Working on main lane and frontage road profiles.
- Working on plan and profiles sheets, intersection layouts and typical sections.
- Preparing bridge layout alternatives.
- Continuing work on drainage.

Work planned for coming month

- Complete main lane and frontage road profiles.
- Continue development of roadway plan and profile sheets and intersection layouts.
- Continue work on drainage study.
- Initiate traffic control phasing.
- Complete proposed typical sections.
- Initiate cross section design for main lanes and frontage roads.



Issues to be resolved

- None, at this time.

Sincerely,

A handwritten signature in blue ink, appearing to read "Costas", with a stylized flourish extending to the right.

Costas Georghiou. P.E.
Principal

TEJAS SURVEYING, INC
12621 W Airport Blvd, #100
Sugar Land, Tx 77478

Firm No. 10031300

Bill to:

Pierce Goodwin Alexander & Linville, Inc.
 3131 Briarpark
 Suite 200
 Houston, TX 77042


 Attn: Costas Georghiou


INVOICE

Date	Invoice #
9/25/2017	1004824

P. O. No.	Terms	Project
	45	61-1701

Quantity	Description	Rate	Amount
	US90A at SH99; CSJ 0027-08-137 Limits: 2200 ft west of SH99 to 2800 ft east of SH99 Fort Bend County, Texas Topographic Surveys - Function Code (150)		
90%	Task i: DTM Void Areas Non-Taxable	\$19,410.00	\$17,469.00
90%	Task ii: Coordinate Utility Marking Non-Taxable	\$4,100.00	\$3,690.00
90%	Task iii: Located utilities/2d features in ROW Non-Taxable	\$12,825.00	\$11,542.50
70%	Task iii: Prepare Planimetric and DTM Files Non-Taxable	\$14,930.00	\$10,451.00
90%	Task iv: Profile existing drainage facilities Non-Taxable	\$2,010.00	\$1,809.00
90%	Task iv: Profile existing storm sewer facilities Non-Taxable	\$7,480.00	\$6,732.00
20%	Task xii: Prepare survey control data sheets Non-Taxable	\$6,816.00	\$1,363.20
20%	Task xii: Prepare survey control index and control shee Non-Taxable	\$7,880.00	\$1,576.00
20%	Task xii: Prepare survey control report Non-Taxable	\$1,778.00	\$355.60
	Direct Expenses		
493	Mileage Non-Taxable	\$0.54	\$266.22
	Third Billing Billing thru 9-25-2017		

Vendor:	Project No.	PH	GL	Amount	PD Date	Ph % Pd	Paid \$	Check Date / #
Control: 0345	100320.00	00	6000	55254.52				
Approval: 								

Sales Tax	8.25%
Thank you for your attention to this matter. 	Total \$55,254.52

Ph: 281 240-9099

Fax: 281 240-2791

Email: rsm@mrsurveyor.com

3.1 Design Surveys Task	Budget	7/25/2107	8/25/2017	9/25/2017	10/25/2017	% to Date	Billed to Date Remaining
Obtain Right of Entry	\$1,053.00	90%				90%	\$947.70 \$105.30
i.) DTM Void Areas in ROW	\$19,410.00			90%		90%	\$17,469.00 \$1,941.00
ii.) Coordinate utility marking	\$4,100.00			90%		90%	\$3,690.00 \$410.00
iii.) Locate utilities/2d features in ROW	\$12,825.00			90%		90%	\$11,542.50 \$1,282.50
iii.) Survey intersections	\$6,125.00		100%			100%	\$6,125.00 \$0.00
iii.) Survey 2d features in RR ROW	\$6,490.00					0%	\$0.00 \$6,490.00
iii.) Prepare planimetric and DTM files	\$14,930.00		20%		70%	90%	\$13,437.00 \$1,493.00
iv.) Detail SH 99 Bridge Structure	\$6,730.00					0%	\$0.00 \$6,730.00
iv.) Profile existing drainage facilities	\$2,010.00					90%	\$1,809.00 \$201.00
iv.) Profile existing storm sewer facilities	\$7,480.00				90%	90%	\$6,732.00 \$748.00
vii.) Prepare Horizontal and Vertical Control	\$18,050.00	90%				90%	\$16,245.00 \$1,805.00
ix.) Locate existing right-of-way	\$5,415.00	90%				90%	\$4,873.50 \$541.50
ix) Review right-of-way maps	\$4,225.00	90%				90%	\$3,802.50 \$422.50
x.) Locate boreholes	\$2,650.00					0%	\$0.00 \$2,650.00
xii.) Prepare survey control data sheets	\$6,816.00	70%			20%	90%	\$6,134.40 \$681.60
xii.) Prepare survey control index and control sheets	\$7,880.00	70%			20%	90%	\$7,092.00 \$788.00
xii.) Prepare survey control report	\$1,778.00	70%			20%	90%	\$1,600.20 \$177.80
Mileage (Estimate 1540 miles)	\$831.60	\$273.24	\$166.86	\$266.22		85%	\$706.32 \$125.28
Railroad Flagger	\$1,936.00					0%	\$0.00 \$1,936.00
SubTotal	\$130,734.60	\$37,673.74	\$9,277.86	\$55,254.52		78%	\$102,206.12 \$28,528.48
Parcel Plats	\$3,100.00					0%	\$0.00 \$3,100.00
Area Runs for Parcels	\$660.00					0%	\$0.00 \$660.00
Stake proposed right-of-way line	\$1,500.00					0%	\$0.00 \$1,500.00
Parcel Descriptions	\$1,327.00					0%	\$0.00 \$1,327.00
Total	\$137,321.60	\$37,673.74	\$9,277.86	\$55,254.52		74%	\$102,206.12 \$35,115.48

TEJAS SURVEYING, INC.

*Firm No. 10031300
12621 W Airport Blvd., Suite 100
Sugar Land, TX 77478*

**US 90A at SH 99
Progress Report
September 26, 2017**

Pierce Goodwin Alexander & Linville, Inc.
3131 Briarpark
Suite 200
Houston, TX 77042

Re: US90A (CSJ 0027-08-137)
Cunningham Creek Blvd to Gateway Blvd
Fort Bend County, Texas


Attn: Costas Georghiou, P.E.

Notice to proceed was given on June 6, 2017. Right-of-entry letters were mailed to adjacent landowners, and research for survey control, right-of-way maps and construction plans were promptly initiated and completed. Recon for existing control and right-of-way monumentation followed, and as soon as practical, horizontal and vertical controls were established on the project and analytical comparisons were made with various published datums and several different means of observing positions. After extended discussion, the adjustment for the NAVD '88 vertical project datum was determined to be the 2001 adjustment. Immediately following the determination, the 2d planimetric features and 3d topographic features within the limits of the project were progressively mapped, including the photo indexing of all signage and the mapping of the initial response to the requests for utility marking and interim deliverables were released. The field work for the SH 99 bridge structure and rail road right-of-way mapping were given the lowest priority.

An updated alignment was received from TxDOT and has been incorporated. Research of existing utility maps has been completed, and an extrapolation of that information added to the 2d mapping. Plans have been obtained for the existing pumping station and those improvements and flowlines have been mapped as well. Measure downs and details for all culverts, manholes, inlets and drainage structures have been completed and the flowlines added to the maps. A comparison of observed flowlines to design grades has been made as a quality control measures. It is anticipated that the 2d and 3d mapping deliverables and control sheets will be complete at the end of this month.

If necessary, updated DGN files with the bridge structures, rail road right-of-way details, and additional utility markings will follow. A project walk though is scheduled for next week to check the signage and striping, which may have been altered more recently due to the highway construction on the east end.

Sincerely,



Randy S. McClendon, RPLS
President



September 29, 2017

PGAL
Mr. Costas Georghiou
Principal
3131 Briarpark, Ste 200
Houston, Texas 77042

In Account With

HNTB CORPORATION

Correspondence Address:
1301 Fannin Street, Suite 1800
Houston, Texas 77002

Remittance Address:
P.O. Box 802741
Kansas City, MO 64180-2741

Invoice No. 01-65117-DS-001

Contract No.: US90A

Professional services in connection with the US 90A at Grand Parkway (US 99) Interchange

LUMP SUM FEE: \$ 425,388.98

For the period: 3/23/2017 through 9/15/2017

3.09% Complete x \$ 425,388.98 \$ 13,164.00

Total Amount Earned To Date \$ 13,164.00
Less Previously Invoiced \$ -

AMOUNT DUE THIS INVOICE \$ 13,164.00

I certify this invoice to be true and correct.

Martin Cristofaro - Project Manager, September 29, 2017

Vendor:	Project No.	PH	GL	Amount	PD Date	Ph % Pd	Paid \$	Check Date / #
897	13003270.00	00	5000	13164-				
Control: 151154								
Approval: 62								

September 27, 2017

Reconstruction of US 90A, (CSJ 0027-08-137), from approximately 2,200 feet west, (Cunningham Creek Blvd.), of SH 99 to approximately 2,800 feet east, (Gateway Blvd.), of SH 99 in Fort Bend County.

From June 1, 2017 through September 15, 2017

Work Completed This Period:

Sub-Consultant Agreement executed June 1, 2017

Prepare Preliminary HNTB Project Schedule based on Prime schedule dated 6/28/17

Begin Conceptual TCP based on preliminary schematics

Site visits conducted in July and August in preparation of receiving project data (topo, schematics, other)

Work to be done next 30 days:

HNTB stopped work due to project data (topo, final schematics) not being complete

Prepare and attend Prime Kickoff Meeting – (Meeting held September 22, 2017).

Harris, Britten

From: Bassem Talje <Bassem.Talje@rpsgroup.com>
Sent: Friday, November 17, 2017 3:03 PM
To: Harris, Britten
Cc: Don Durgin
Subject: US 90A at SH 99, Invoice no. 3
Attachments: Invoice no. 3.pdf

Britten,

We have reviewed the attached invoices and recommend approval. Please process for payment.

Bassem Talje
Project Manager
RPS | Infrastructure
1160 N Dairy Ashford, Suite 500,
Houston, Texas 77079
USA
T +1 281 589 7257
F +1 281 589 7309
M +1 832 921 3272
E Bassem.Talje@rpsgroup.com
W www.rpsgroup.com/usa

Formerly Klotz Associates

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