

PO # 169600  
 OMS REC 477481

ARCHITECTURE  
 ENGINEERING  
 INTERIORS  
 PLANNING



FORT BEND COUNTY

OWENS ROAD SEGMENT 2

INVOICE No.1  
 SERVICES FOR NOTICE TO PROCEED TO DECEMBER 31, 2018

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

TASK	CONTRACT AMOUNT	% COMPL.	TOTAL AMOUNT	PREVIOUSLY INVOICED	TOTAL THIS INVOICE
PRELIMINARY ENGINEERING	\$ 61,128.00	40.0%	\$ 24,451.20	\$ -	\$ 24,451.20
FINAL DESIGN	\$ 124,108.00	0.0%	\$ -	\$ -	\$ -
TOPOGRAPHIC SURVEYS	\$ 28,050.00	90.0%	\$ 25,245.00	\$ -	\$ 25,245.00
ROW MAPS	\$ 31,700.00	0.0%	\$ -	\$ -	\$ -
TRAFFIC ENGINEERING	\$ 8,238.00	0.0%	\$ -	\$ -	\$ -
SIGNAL DESIGN	\$ 34,417.50	0.0%	\$ -	\$ -	\$ -
GEOTECHNICAL INVESTIGATIONS	\$ 22,274.50	58.5%	\$ 13,023.00	\$ -	\$ 13,023.00
CONSTRUCTION PHASE SERVICES	\$ 25,000.00	0.0%	\$ -	\$ -	\$ -
<b>TOTAL</b>	<b>\$ 334,916.00</b>		<b>\$ 62,719.20</b>	<b>\$ -</b>	<b>\$ 62,719.20</b>

TOTAL THIS INVOICE

\$ 62,719.20  
 OK, JSS  
 01/18/19



December 31, 2018

Mr. Richard Stolleis, PE  
County Engineer  
Fort Bend County Engineering Department  
301 Jackson Street, 4<sup>th</sup> floor  
Richmond, Texas 77469

**Attention:** Stacy Slawinski, PE

**Ref:** Owens Road Segment 2; Invoice No.1

Dear Stacy:

The following is our status report for the Owens Road Segment 2 project for the period of Notice to Proceed to December 31, 2018:

Work completed during reporting period

- Completed topographic surveys.
- Completed Geotechnical Investigations.
- Secured and evaluated as-built plans.
- Initiated utility coordination.
- Initiated coordination with TxDOT.
- Developed preliminary layout, typical sections and detention pond layout.
- Developed overall drainage area map.
- Met with County to review progress and developed alternative layout based on comments.

Work planned for coming month

- Complete alignment once it is evaluated and approved by County.
- Develop proposed roadway profile and initiate storm sewer design.
- Develop plans and exhibits for preliminary engineering report.
- Initiate preparation of preliminary engineering report.



Issues to be resolved

- Waiting on county review and acceptance of revised roadway layout.

Sincerely,

A handwritten signature in blue ink, appearing to read "Georghiou".

Costas Georghiou. P.E.  
Principal

**TEJAS SURVEYING, INC**  
**1810 First Oaks St., Suite 220**  
**Richmond, TX 77406-1666**

Firm No. 10031300

<b>Bill to:</b>
Pierce Goodwin Alexander & Linville, Inc. 3131 Briarpark Suite 200 Houston, TX 77042
Attn: Costas Georghiou

**INVOICE**

Date	Invoice #
11/30/2018	1005111

P. O. No.	Terms	Project
	45	61-1803

Quantity	Description	Rate	Amount
	<b>Fort Bend County Mobility Fund Project 2017 4-07 Owens Road: FM 1464 to Sugar Land City Limits Fort Bend County, Texas</b>		
	First Invoice		
90%	Topographic Route Survey Non-Taxable	\$22,350.00	\$20,115.00
90%	Detention Pond and Oyster Creek Topo Sections Non-Taxable	\$5,700.00	\$5,130.00
	<b>Billing thru 11-30-2018</b>		
	Sales Tax	6.25%	
Thank you for your attention to this matter.			<b>Total</b> \$25,245.00



# GEOTECH ENGINEERING and TESTING

*Geotechnical, Environmental, Construction Materials, and Forensic Engineering*



ACCREDITED  
CERTIFICATE #0075-01  
#0075-02

## PARTIAL INVOICE

*(10/03/18 through 11/30/18)*

*Please show invoice number on your remittance*

**TO: PGAL**  
3131 Briarpark Drive, Suite 200  
Houston, Texas 77042

**INVOICE DATE:** 11-30-18

**PROJECT NO:** 18-387E

**ATTENTION:** Mr. Costas Georghiou, P.E.  
Principal

**INVOICE NO:** 30083

**PHONE #:** (713) 968-9351

**PROJECT:** Desktop Geologic Fault Study  
and Geotechnical Study  
Owens Road Paving Improvements  
Fort Bend County, Texas

**EMAIL:** cgeorghiou@pgal.com

**PROJECT ENGINEER:**  
Steve Tian, M.S.C.E, E.I.T.

**AUTHORIZATION:** This study was authorized by Mr. Costas Georghiou, P.E. on October 03, 2018.

### BILLING STATUS

Authorized Total Project Budget: \$ 22,274.50

GET Project No.	Invoice No.	Date	Authorized Project Budget	Amount for This Invoice	Percent of Authorized Project Budget to Date	Remaining Budget to Date
18-387E	30083	11/30/18	\$ 22,274.50	\$ 13,023.00	58.47 %	\$ 9,251.50

**AMOUNT DUE FOR THIS INVOICE: \$ 13,023.00**

SERVICE	UNIT FEE	UNIT MEASURE	QUANTITY	TOTAL
<i>Geotechnical Study</i>				
<i>(Total Project Budget: \$ 22,274.50)</i>				
<i>Field Investigation</i>				
<i>Mobilization/Demobilization</i>				
<i>Drilling, Sampling, and Lab Testing</i>				
<i>(58.47% of Total Project Budget)</i>				<u>\$ 13,023.00</u>

**Total Due \$ 13,023.00**

*Page 2 – Invoice No. 30083*

*REMIT TO: DAE & ASSOCIATES, LTD.  
dba GEOTECH ENGINEERING AND TESTING  
17407 US Highway 59  
HOUSTON, TEXAS 77396  
(713) 699-4000*

*Conditions: Invoice is due on presentation.*

*Distribution: DAE, Accounting (hard copy), Job Binder*

*CC: PGAL. – Mr. Costas Georghiou, P.E.*

**Estimated Cost Summary (Detailed)**  
 Desktop Geologic Fault Study and Geotechnical Study  
 Owens Road Paving Improvements  
 Fort Bend County, Texas  
 GEOTECH ENGINEERING AND TESTING

Date: 11/30/2018  
 Invoice No. 30083

Task No	Task Description	Principal Engineer		Senior Engineer		Graduate Engineer		Field Technician		Typical Drafting		Unit of Measure		Equipment Quantity		Rate		Geotech Engineering and Testing		
		Proposed	Used	Proposed	Used	Proposed	Used	Proposed	Used	Proposed	Used	Proposed	Used	Proposed	Used	Proposed	Used	Proposed	Used	
PER HARRIS COUNTY FEE SCHEDULE																				
1	Review of Existing Published Fault Maps by Staff Engineer																			
2	Field Investigation																			
Subtotal																				
Project Initiation upon Receiving NTP																				
3	Review of the scope of the work (including Project Manager Site Visit)																			
4	Coordinate with Client in obtaining the updated information of the project																			
Subtotal																				

Task No	Task Description	Principal Engineer		Senior Engineer		Graduate Engineer		Field Technician		Typical Drafting		Unit of Measure		Equipment Quantity		Rate		Geotech Engineering and Testing		
		Proposed	Used	Proposed	Used	Proposed	Used	Proposed	Used	Proposed	Used	Proposed	Used	Proposed	Used	Proposed	Used	Proposed	Used	
Field Investigation																				
5	Develop a Piling Plan																			
6	Sealing the Hole (B) Borelog in the Field																			
7	Vehicle Change																			
8	Coordinate with Supervisors to Locate & Tie in Borelog at Site																			
9	Field Coordination during Drilling including Utility Clearance, Extra One Call																			
10	Underpinning during Drilling																			
11	Post-drilling Observations																			
12	Logging and Sampling Nine (9) Borelogs																			
13	Technical Logging Borelog, Borelog drawing and Water Level Reading																			
14	Vehicle Change																			
Subtotal																				

Task No	Task Description	Principal Engineer		Senior Engineer		Graduate Engineer		Field Technician		Typical Drafting		Unit of Measure		Equipment Quantity		Rate		Geotech Engineering and Testing		
		Proposed	Used	Proposed	Used	Proposed	Used	Proposed	Used	Proposed	Used	Proposed	Used	Proposed	Used	Proposed	Used	Proposed	Used	
LABORATORY TESTING																				
15	Develop Laboratory Tests (Loading of Soil Samplers)																			
16	Soil Reduction and Evaluation																			
17	Water Content																			
18	Standard Proctor Tests																			
19	Shrinkage Ratio and Shrinkage Limit																			
20	Flowline																			
21	Field Penetration																			
22	Unconfined Compression																			
23	Crane Test																			
24	Other Minimum Tests																			
Subtotal																				

**Subtotal \$3,675.00**

**Total \$3,675.00**





December 31, 2018

Mr. Richard Stolleis, PE  
County Engineer  
Fort Bend County Engineering Department  
301 Jackson Street, 4<sup>th</sup> floor  
Richmond, Texas 77469

Attention: Stacy Slawinski, PE

**Ref: Owens Road Segment 2; Invoice No.1**

Dear Stacy:

Attached please find our Invoice No. 1 for your review and processing. The invoice, in the amount of \$62,719.20, covers the period from Notice to Proceed to December 31, 2018.

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

Sincerely,

A handwritten signature in blue ink, appearing to read 'Costas Georghiou', written in a cursive style.

Costas Georghiou, PE  
Project Principal

## Svatek, Donna

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**From:** Robert Barnett <rbarnett@lja.com>  
**Sent:** Thursday, January 17, 2019 4:15 PM  
**To:** ENGInvoices  
**Cc:** 'Costas Georghiou'; Robert McBride  
**Subject:** FW: Owens Road Segment 2; Invoice No. 1  
**Attachments:** Owens Road Segment 2, Invoice no. 1.pdf

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Donna,  
LJA has reviewed the attached Invoice for Owens Road (17407) and we concur with the charges shown.

Regards,

**Robert W. Barnett, P.E.**  
Vice President/Transportation

**LJA Engineering | We Build Civilization**

• West Houston

P: 713.953.5200

D: 713.953.5248

C: 281.615.9683

[www.ljaengineering.com](http://www.ljaengineering.com)

[Facebook](#) • [Twitter](#) • [LinkedIn](#)

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**From:** Costas Georghiou <CGeorghiou@pgal.com>  
**Sent:** Thursday, January 17, 2019 3:44 PM  
**To:** ENGInvoices@fortbendcountytexas.gov  
**Cc:** Robert Barnett <rbarnett@lja.com>; Robert McBride <rmcbride@lja.com>  
**Subject:** Owens Road Segment 2; Invoice No. 1

Attached please find Invoice No. 1 for your review and processing.

Regards,

Costas



**COSTAS GEORGHIOU PE**  
Principal

ALEXANDRIA T 703 836 0588	AUSTIN T 512 236 1005	CHICAGO T 312 856 5006	HOBOKEN T 201 984 6210	LAS VEGAS T 702 435 4448	SAN DIEGO T 619 269 5288
ATLANTA T 404 602 3800	BOCA RATON T 561 988 4002	DALLAS T 972 871 2225	HOUSTON T 713 622 1444	LOS ANGELES T 310 645 3276	