



December 1, 2023

Transportation Consultants

Hon. David Fuentes  
 Hidalgo County Commissioner, Pct. #1  
**Attn: Erica Espinoza**  
 1902 Joe Stevens  
 Weslaco, TX 78596

**RE: Mile 10 Project – WA#2**  
**Limits: Mile 6 to FM 1015**  
**PO#860539 - L&G Project#180702**

Dear Commissioner Fuentes:

We are submitting a monthly progress report in sufficient detail to support the progress of the work and request for payment. Attached for your approval is our invoice for services rendered during the month of November 2023.

The following is attached:

- L&G's Invoice
- Exhibit C – Work Schedule

**Work Authorization#2 – Engineering Services required for PS&E Development and Right-of-Way Map**

		% Complete
<b>FC 12001 ~ ADDITIONAL WORK ASSOCIATED WITH EA CLEARANCE</b>		
Comments to the archeological report and historical report have been received and addressed. The archeological report has been approved and waiting for approval of historical report.	<b>L&amp;G</b>	<b>93%</b>
<b>FC 13002 ~ COMPLETE ROW MAP ROADWAY</b>		
Contract has been generated with Sub ROWSS and scope of services was identified. ROWSS was provided with a final schematic for their reference. L&G has completed coordination with the surveyor for preliminary ROW map needs. L&G has reviewed the preliminary map and provided comments to the surveyor.	<b>L&amp;G</b>	<b>40%</b>
<b>FC ~13020 ~ COMPLETE ROW MAP ROADWAY / SUB</b>		
The surveyor has completed the recovery of existing ROW and establishing a baseline. The surveyor has completed ROW research and appraisal district record retrieval for the roadway parcels. A preliminary ROW map has been submitted to L&G for review. Parcel sketches and M&B descriptions are being drafted.	<b>ROWSS</b>	<b>40%</b>

<b>FC 15006 ~ ADDITIONAL FIELD SURVEYS</b>		
L&G has reviewed the H&V Control as well as the existing ROW/Existing centerline and created a proposed centerline for the proposed PS&E from various meetings and submittals by ROWSS. Contracts have been generated with our subcontractor and L&G has provided all of the Proposed Alignments for ROWSS to continue the finalizing the Design Surveys for Construction. L&G continues to work with the surveyor to tie down the project corridor.	<b>L&amp;G</b>	<b>95%</b>
<b>FC 15060 ~ ADDITIONAL FIELD SURVEYS / SUB</b>		
Surveyor has re-established road benchmarks and surveyed all visible utilities along the project route. The 2D/3D survey has been updated to include the full outfall 1 and outfall 4 limits. SUE Level A data sheets are 95% complete.	<b>ROWSS</b>	<b>95%</b>
<b>FC 16004 ~ PS&amp;E DEVELOPMENT ROADWAY</b>		
<b>UPDATE:</b> L&G has completed the proposed alignment with field verifications and is proceeding to complete the Plans, Specifications and Estimates. Preliminary title sheet, index of sheets, typical sections, summary sheets, sequence of construction outline, culvert layouts and P&Ps have been produced. TxDOT forms and checklist have been completed and the 30% PS&E package has been submitted to County and TxDOT for review. L&G is reviewing TxDOT comments on the 30% plans for inclusion in the 60% submittal.	<b>L&amp;G</b>	<b>52%</b>
<b>FC 16005 ~ PS&amp;E DEVELOPMENT OUTFALLS</b>		
<b>UPDATE:</b> L&G has completed the proposed alignment with field verifications and is proceeding to complete the Plans, Specifications and Estimates. Preliminary typical sections, P&Ps, summary sheets, and sequence of construction outline have been produced. TxDOT forms and checklist have been completed and the 30% PS&E package has been submitted to County and TxDOT for review. L&G is reviewing TxDOT comments on the 30% plans for inclusion in the 60% submittal.	<b>L&amp;G</b>	<b>35%</b>
<b>FC 16006 ~ ENGINEERING FEE TO CREATE 1 SET OF PLANS AND SUBMIT TO TxDOT</b>		
L&G has prepared a 30% PS&E package including all the requisite forms, checklists, and preliminary ROW & utility information. The PS&E was submitted to TxDOT in August 2023 for review.	<b>L&amp;G</b>	<b>25%</b>
<b>FC 16101 ~ HYDROLOGIC MODEL &amp; REPORT FOR ROADWAY</b>		
L&G has prepared hydrologic and hydraulic models in HEC-RAS and HEC-HMS to study the project watershed, identify existing conditions, and proposed drainage improvements. A hydrologic & hydraulic report summarizing findings and has been prepared and submitted to TxDOT for review. L&G has addressed TxDOT comments and submitted a revised report for approval.	<b>L&amp;G</b>	<b>90%</b>

<b>FC 16205 ~ SIGNAL DESIGN, FLASHING BEACON DESIGN &amp; TEMPORARY TRAFFIC SIGNAL DESIGNS</b>		
Contracts have been secured with ETSI and digital files have been submitted for Traffic Engineers to start creating their sheets.	<b>L&amp;G</b>	<b>25%</b>
<b>FC 16250 ~ SIGNAL DESIGN, FLASHING BEACON DESIGN &amp; TEMPORARY TRAFFIC SIGNAL DESIGNS / SUB</b>		
Proposed signal layouts, intersection design details for pedestrian / bicyclist features have been drafted. General notes, basis of estimate is approximately 10% complete.	<b>ETSI</b>	<b>20.9%</b>
<b>FC 16308 ~ PERMITTED UTILITIES COORDINATION TO ADJUST UTILITIES ON THE ROADWAY</b>		
L&G has identified permitted utilities within the project limits and has reflected utilities in the preliminary plans. Letters to the affected utility companies have been prepared. Meetings are being schedule with the permitted utilities to confirm locations of utilities.	<b>L&amp;G</b>	<b>44%</b>
<b>FC 16403 ~ PROJECT MANAGEMENT</b>		
The project contracts and management with the client and subcontracts have been generated as well as numerous meetings with client and stakeholders. L&G continues to provide schedule and status updates to County and TxDOT on a monthly basis.	<b>L&amp;G</b>	<b>47%</b>
<b>FC 16404 ~ LOCAL LET/BID DOCUMENTS</b>		
This Task has not begun.	<b>L&amp;G</b>	<b>0%</b>
<b>FC 33001 ~ GEOTECHNICAL AND PAVEMENT DESIGN FOR APPROVAL BY TxDOT</b>		
L&G has completed drilling, in-situ testing, and laboratory testing of soil samples retrieved for pavement and structural borings. L&G has completed the geotechnical and pavement design. The signed and sealed report submitted to TxDOT has been approved. <b>This task is complete.</b>	<b>L&amp;G</b>	<b>100%</b>

Should you have any questions or require additional information, please do not hesitate to give me a call at (956) 585-1909.

Sincerely,

Jordan B. Sinclair, P.E.  
Project Manager

**L & G Consulting Engineers Inc**  
**2100 W. Expressway 83**  
**Mercedes, TX 78570**  
**(956) 565-9813 Fax (956) 565-9018**

**INVOICE #: 11329607**  
**INVOICE DATE: 11/30/23**

**BILL TO: 34**

Hidalgo County Pct. #1  
 902 Joe Stephens  
 Weslaco, TX 78596

**JOB: 180702**

Mile 10 WA#2 Project  
 (From:Mile 6 to FM 1015)  
 PO#860539

<u>DESCRIPTION</u>	<u>CONTRACT</u>	<u>PREVIOUS APPLICATIONS</u>	<u>CURRENT COMPLETED</u>	<u>TOTAL COMPLETED</u>	<u>% COMPL</u>	<u>BALANCE TO FINISH</u>
Engineering services for the month of November 2023.						
Work Authorization#2 - Engineering Services required for PS&E Development and Right-of-Way Map						
12001-EA Reports	35,500.00	32,376.00	641.57	33,017.57	93.0	2,482.43
13002-ROW Mapping	96,000.00	38,400.00		38,400.00	40.0	57,600.00
13020-ROW Map/Sub	259,200.00	103,680.00		103,680.00	40.0	155,520.00
15006-Field Surveys	65,410.00	62,139.50		62,139.50	95.0	3,270.50
15060-Fl d Srvys/SUB	20,990.00	19,940.50		19,940.50	95.0	1,049.50
16004-PS&E Roadway	1,584,000.00	728,640.00	95,040.00	823,680.00	52.0	760,320.00
16005-PS&E Outfalls	329,472.00	115,315.20		115,315.20	35.0	214,156.80
16006-Plans to TxDot	132,000.00	30,360.00	2,640.00	33,000.00	25.0	99,000.00
16180-Hydrologic Mod	60,000.00	54,000.00		54,000.00	90.0	6,000.00
16205-Signal Design	112,869.72	28,217.43		28,217.43	25.0	84,652.29
16250-Sgnl Dsgn/SUB	139,130.28		29,119.11	29,119.11	20.9	110,011.17
16308-Permitted Utili	151,200.00	63,504.00	3,024.00	66,528.00	44.0	84,672.00
16403-Project Mngmnt	300,000.00	120,000.00	21,000.00	141,000.00	47.0	159,000.00
16404-Local Let/Bid	60,000.00				0.0	60,000.00
33001-Geotechnical	42,000.00	42,000.00		42,000.00	100.0	
TOTALS:	3,387,772.00	1,438,572.63	151,464.68	1,590,037.31	46.9	1,797,734.69

ORIGINAL CONTRACT SUM \$ 3,387,772.00  
 CHANGE BY CHANGE ORDER \$ 0.00  
 CONTRACT SUM TO DATE \$ 3,387,772.00  
 TOTAL COMPLETED TO DATE \$ 1,590,037.31  
 LESS PREVIOUS INVOICES \$ 1,438,572.63

PROJECT MANAGER'S SIGNATURE

CURRENT PAYMENT DUE \$ 151,464.68

**ETSI GROUP LLC**

5300 Hollister, Suite 220  
 Houston, Texas 77040  
 Tel. (713) 956-9601  
 Fax (713) 956-9667  
 TAX ID: 88-3569149

**INVOICE**

INVOICE NUMBER: G2023-6-1  
 INVOICE DATE: 11/30/2022  
 FOR SERVICES PROVIDED FROM: 5/5/2023  
 TO: 11/30/2023

**TO:**  
 Mr. Jacinto Garza, P.E.  
 President  
 L & G Engineering  
 2100 W. Expressway 83  
 Mercedes, Texas 78570

PROJECT NAME:  
 MILE 10 NORTH ROAD:  
 FROM MILE 6 WEST ROAD TO FM 1015  
 TRAFFIC SIGNAL DESIGN

TASK NO.	DESCRIPTION OF SERVICES PROVIDED	% COMPLETE	TOTAL FEE	AMOUNT EARNED
1	GENERAL NOTES	10.00	\$1,727.79	\$172.78
2	BASIS OF ESTIMATE	10.00	\$3,019.90	\$301.99
3	CONDITION DIAGRAMS	80.00	\$9,883.84	\$7,907.07
4	PROPOSED SIGNAL LAYOUTS	35.00	\$44,725.82	\$15,654.04
5	SIGNAL PHASING, TIMING	0.00	\$2,846.96	\$0.00
6	ELECTRICAL SCHEDULES	0.00	\$14,765.33	\$0.00
7	INTERSECTION MARKINGS, CURB CHAIR RAMPS	50.00	\$2,915.82	\$1,457.91
8	STANDARD SHEETS LIST	0.00	\$3,885.30	\$0.00
9	SPECIFICATIONS AND COST ESTIMATE	0.00	\$6,385.98	\$0.00
10	COORDINATION AND MEETINGS	15.00	\$4,476.48	\$671.47
11	TEMPORARY TRAFFIC SIGNALS	0.00	\$26,051.36	\$0.00
12	CROSS STREET RAMP DESIGN	15.00	\$17,510.70	\$2,626.61
	<u>Expenses:</u>	35.00	\$935.00	\$327.25
	<b>Total</b>	<b>20.93%</b>	<b>\$139,130.28</b>	<b>\$29,119.11</b>
Amount Invoiced Previously				\$0.00
<b>Total Due this Invoice</b>				<b>\$29,119.11</b>

**PLEASE MAKE CHECKS PAYABLE TO:**  
 ETSI GROUP LLC  
 Attn: Harry Simeonidis  
 P.O. Box 550344  
 Houston, TX 77255-0344

**THANK YOU FOR GIVING US THE OPPORTUNITY TO SERVE YOU**

