

January 2, 2018

Commissioner Joseph Palacios
Hidalgo County Precinct 4
1051 N. Doolittle Rd
Edinburg, TX 78542

RE: SH 107/Bus 281 Intersection & Drainage Improvements (Limits: At Courthouse Square & Outfall) PO#750481 - L&G Project#161501

Dear Commissioner Palacios:

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

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

Work Authorization #1

FC 11002 ~ CATEGORY III TRAFFIC IMPACT ANALYSIS STUDY		% Complete
UPDATED: TxDOT has approved the draft TIA report; therefore, the final signed/sealed TIA report has been completed and submitted to all entities involved (City of Edinburg, Hidalgo County, & TxDOT). This task is complete.	L&G	100%
FC 11005 ~ DESIGN SCHEMATIC FOR TRAFFIC CIRCULATION AND OUTFALLS		
UPDATED: L&G has finalized the schematic (roadway & outfall) for the option going to the East. L&G has received conceptual approval from both the City of Edinburg and HCDD #1. We will be setting up a meeting with TxDOT for early January to finalize.	L&G	95%
FC 11006 ~ OFFICE SURVEYS FOR SCHEMATIC (PRELIM. OWNERSHIP ID & PROP. RIGHTS)		
UPDATED: L&G continues to perform the office surveys for the route east along SH 107 to US 281.	L&G	95%
FC 11008 ~ UPDATE SCHEMATIC BASED ON COMMENTS AS PROVIDED BY TxDOT/FHWA		
NO UPDATE: As per our last meeting with TxDOT, they have advised us they would like to have the route go East along SH 107, so that we can rebuild SH 107 completely to US 281. We have begun analyzing the validity of this option and if valid, will update the schematic accordingly.	L&G	75%
FC 11020 ~ CATEGORY III IMPACT ANALYSIS STUDY / SUB		
UPDATED: TxDOT has approved the draft TIA report; therefore, the final signed/sealed TIA report has been completed and submitted to all entities involved (City of Edinburg, Hidalgo County, & TxDOT). This task is complete.	ETSI	100%

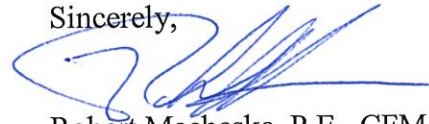
FC 12001 ~ EA REPORTS		
NO UPDATE: The project has been initiated with TxDOT. The scoping document/development tool and corresponding attachments have been prepared.	L&G	10%
FC 12002 – PUBLIC INVOLVEMENT WITH STAKEHOLDERS AND 1 PUBLIC MEETING		
NO UPDATE: This task has not started.	L&G	0%
FC 12003 ~ PUBLIC INVOLVEMENT WITH STAKEHOLDERS AND 1 PUBLIC MEETING		
NO UPDATE: This task has not started.	L&G	0%
FC 12007 ~ ARCHEOLOGICAL AND HISTORICAL RESEARCH		
NO UPDATE: This task has not started.	L&G	0%
FC 12008 ~ ENGINEERING TECHNICAL SUPPORT AT PUBLIC MEETINGS WITH LAYOUTS, ETC.		
UPDATED: L&G continues to develop the required exhibits in preparation for the needed public meeting to be scheduled in the near future. We anticipate having the public meeting in February/March of 2018.	L&G	40%
FC 12009 ~ ENGINEERING TECHNICAL SUPPORT AT PUBLIC HEARINGS WITH LAYOUTS, ETC.		
NO UPDATE: This task has not started.	L&G	0%
FC 12070 ~ ARCHEOLOGICAL AND HIST RESEARCH / SUB		
NO UPDATE: This task has not started.	AmaTerra	0%
FC 13007 ~ SUB-SURFACE UTILITY ENG. FOR RDWYS SURROUNDING COURTHOUSE		
NO UPDATE: L&G has coordinated with the surveyor and identified all of the utility lines for the needed SUE work based on the existing crossings that could potentially impact the proposed storm sewer system. L&G has provided ROWSS with a layout identifying all of the SUE locations.	L&G	25%
FC 13070 ~ SUB-SURFACE UTILITY ENG. FOR RDWYS SURROUNDING COURTHOUSE / SUB		
NO UPDATE: ROWSS has begun the preliminary utility research and preliminary utility mapping. They have provided a map identifying all of the existing utilities along the corridor and we will meet within the next week to discuss all of the SUE locations.	ROWSS	10%
FC 15001 ~ FIELD SURVEY FOR DESIGN & EXIST ROW MAPPING		
NO UPDATE: L&G continues to coordinate with the surveyor and provide guidance on their ROW Mapping. L&G has reviewed their topo & basemap and provided comment to the surveyor. Their next submittal should be the final dgn submittal for all ROW Mapping.	L&G	90%

FC 15010 ~ FIELD SURVEY FOR DESIGN & EXIST ROW MAPPING / SUB		
NO UPDATE: ROWSS has finalized recovering the existing right of ways for SH 107 and the Courthouse square. The basemap dgn has been provided to us and has been reviewed by L&G. ROWSS has provided survey data for the outfall to the east for determination of validity of that outfall route.	ROWSS	88.8%
FC 16101 ~ HYDROLOGICAL MAP		
UPDATED: L&G continues to develop the preliminary Hydrologic Map in preparation for an upcoming public meeting. We have revised the Hydrologic Map based on the new route as requested by TxDOT.	L&G	80%
FC 16302 ~ DEVELOP CONCEPTUAL TRAFFIC CONTROL PLAN OF SH 107 DRAINAGE STRUCTURES		
UPDATED: L&G continues to develop a conceptual TCP plan including Typical Sections, Layouts and Sequence of Construction for the possible construction along SH 107. We have revised the TCP to incorporate the new route requested by TxDOT.	L&G	80%
FC 16307 ~ PRELIMINARY COMPENSABLE UTILITY IDENTIFICATION OF SCHEMATIC		
UPDATED: L&G has begun coordinating with the utility companies in regards to the change in the project route. We continue to place the utilities on the new schematic.	L&G	75%
FC 60001 ~ ROW ACQUISITION PROCESS OF BUSINESS 281 @ COURTHOUSE SQUARE CLOSURE		
<ul style="list-style-type: none"> ○ ROW ACQUISITION <ul style="list-style-type: none"> ● Project presence has been established at 900 S. Stewart Road in Mission, Texas 78572 @ L&G Engineering-Transportation Consulting Engineers Right of Way Office. The office is open during normal County and State work hours with available personnel to answer questions about the project. ● L&G has coordinated with TxDOT and have been advised that they will be placing an agenda item on this month's Commission meeting to discuss deeming this parcel surplus. ○ Title Service <ul style="list-style-type: none"> ● This task has not started yet. ○ Appraisal Service <ul style="list-style-type: none"> ● This task has not started yet. We have set up a kickoff meeting with the appraiser to get him started. ○ Appraisal Review <ul style="list-style-type: none"> ● This task has not started yet. ○ Parcel Negotiations <ul style="list-style-type: none"> ● This task has not started yet. ○ Closing Services <ul style="list-style-type: none"> ● This task has not started yet. 	L&G	30%

FC 60101 ~ COMPENSABLE UTILITY COORDINATION FOR BUSINESS 281 @ COURTHOUSE SQUARE		
UPDATED: L&G continues to coordinate with all utilities within the courthouse square area including the new route option to the East along SH 107.	L&G	50%

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

Sincerely,



Robert Macheska, P.E., CFM
Project Manager

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

INVOICE #: 11326690
INVOICE DATE: 12/31/17

BILL TO: 84
Hidalgo County Pct #4
c/o Commission Joseph Palacios
1051 N. Doolittle Rd.
Edinburg, TX 78541

JOB: 161501
SH 107/Bus 281 Intersection &
Drainage Improv. (@ Courthouse
Square & Outfall) PO#750481

DESCRIPTION	CONTRACT	PREVIOUS APPLICATIONS	CURRENT COMPLETED	TOTAL COMPLETED	% COMPL	BALANCE TO FINISH
Engineering services for the month of December 2017.						
11002-Traffic Evalu	30,000.00	28,500.00	1,500.00	30,000.00	100.0	
11005-Schem Developm	320,000.00	288,000.00	16,000.00	304,000.00	95.0	16,000.00
11006-Pre1. ROW Requ	31,500.00	28,350.00	1,575.00	29,925.00	95.0	1,575.00
11008-Schm Rdwy TxDO	31,500.00	23,625.00		23,625.00	75.0	7,875.00
11020-Trafic Eval/SU	130,613.38	126,609.24	4,004.14	130,613.38	100.0	
12001-EA Reports	110,822.80	11,082.28		11,082.28	10.0	99,740.52
12002-Pub Invt (PM)	38,759.68				0.0	38,759.68
12003-Pub Invt (PH)	38,986.08				0.0	38,986.08
12007-Arch & Hist	8,042.86				0.0	8,042.86
12008-Eng/Pub Mtgs	42,000.00	12,600.00	4,200.00	16,800.00	40.0	25,200.00
12009-Eng/Pub Hearin	26,250.00				0.0	26,250.00
12070-Arch & Hist/SU	17,537.20				0.0	17,537.20
13007-Sub-Surface Ut	25,000.00	6,250.00		6,250.00	25.0	18,750.00
13070-Sub-Surface Ut	75,000.00	7,500.00		7,500.00	10.0	67,500.00
15001-Field Survey	50,479.00	45,431.10		45,431.10	90.0	5,047.90
15010-Field Srvy/Sub	167,521.00	148,726.00		148,726.00	88.8	18,795.00
16101-Hydro Map	75,000.00	56,250.00	3,750.00	60,000.00	80.0	15,000.00
16302-Traf Cntrl Pln	72,000.00	54,000.00	3,600.00	57,600.00	80.0	14,400.00
16307- Pre1 Comp Uti	63,000.00	40,950.00	6,300.00	47,250.00	75.0	15,750.00
60001-ROW Req Admin	216,000.00	64,800.00		64,800.00	30.0	151,200.00
60101-Compens Utilit	113,400.00	45,360.00	11,340.00	56,700.00	50.0	56,700.00
TOTALS:	1,683,412.00	988,033.62	52,269.14	1,040,302.76	61.8	643,109.24

ORIGINAL CONTRACT SUM \$ 1,683,412.00
CHANGE BY CHANGE ORDER \$ 0.00
CONTRACT SUM TO DATE \$ 1,683,412.00
TOTAL COMPLETED TO DATE \$ 1,040,302.76
LESS PREVIOUS INVOICES \$ 988,033.62

PROJECT MANAGER'S SIGNATURE

CURRENT PAYMENT DUE \$ 52,269.14

ERGONOMIC TRANSPORTATION SOLUTIONS, INC.

5300 Hollister Rd., Suite 220

Houston, Texas 77040

Tel. (713) 956-9601

Fax: (713) 956-9667

December 31, 2017

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

Reference: Invoice no. 2016-15-6 - Category III Traffic Impact Analysis
For the Hidalgo County Courthouse; in Edinburg, Texas

Dear Jacinto:

Attached for your handling is final invoice no. 2016-15-6, for services provided in conjunction with the above referenced project. It reflects our effort for the months of June through December 2017.

Also, attached is a progress report for the project.

Please let me know if you need additional information. Thank you for giving us the opportunity to assist you with this project.

Sincerely,



Harry C. Simeonidis, P.E.

Attachments

ERGONOMIC TRANSPORTATION SOLUTIONS, INC.

INVOICE

5300 Hollister, Suite 220
 Houston, Texas 77040
 Tel. (713) 956-9601
 Fax (713) 956-9667
 TAX ID: 76-0583436



INVOICE NUMBER: 2016-15-6
 INVOICE DATE: 12/31/2017
 FOR SERVICES PROVIDED THROUGH: 12/31/2017

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

PROJECT NAME:
 CATEGORY III TRAFFIC IMPACT ANALYSIS
 HIDALGO COUNTY COURT HOUSE
 EDINBURG, TEXAS

TASK NO.	DESCRIPTION OF SERVICES PROVIDED	% COMPLETE	TOTAL FEE	AMOUNT DUE
I	Data collection & Field Investigation	100.00	\$12,182.88	\$12,182.88
II	Existing and Background Traffic Patterns	100.00	16,443.96	\$16,443.96
III	Site Specific Generated traffic	100.00	\$8,799.64	\$8,799.64
IV	Total Traffic Conditions Scenario for Year 2026	100.00	9,026.52	\$9,026.52
V	Total Traffic Conditions Scenario for Years 2036 and 2046	100.00	\$8,799.74	\$8,799.74
VI	Traffic Impact during Courthouse Construction	100.00	\$5,995.88	\$5,995.88
VII	Internal Circulation	100.00	\$9,575.56	\$9,575.56
VIII	Implementation Plan	100.00	\$6,064.88	\$6,064.88
IX	Project Coordination	100.00	\$12,318.92	\$12,318.92
X	Traffic Impact Analysis Report	100.00	\$16,472.40	\$16,472.40
	EXPENSES			
	Travel	100.00	\$2,250.00	\$2,250.00
	Traffic Counts	100.00	\$22,683.00	\$22,683.00
	Total	100.00%	\$130,613.38	\$130,613.38
Amount Invoiced Previously				\$126,609.24
Total Due this Invoice				\$4,004.14

PLEASE MAKE CHECKS PAYABLE TO:
 Ergonomic Transportation Solutions, Inc.
 Attn: Harry Simeonidis
 P.O. Box 926333
 Houston, TX 77292-6333

THANK YOU FOR GIVING US THE OPPORTUNITY TO SERVE YOU

CATEGORY III TRAFFIC IMPACT ANALYSIS
CAUSED BY THE PROPOSED HIDALGO COUNTY COURT HOUSE AND
THE CITY OF EDINBURG'S DOWNTOWN MASTER PLAN
IN EDINBURG, TEXAS
PROGRESS REPORT AS OF DECEMBER 31, 2017

ETSI's work progress this period can be summarized as follows:

TASK I – Data collection & Field Investigation (100% Complete)

- Completed all required traffic counts
- Completed Field Investigations
- Compiled and Assessed Field and Traffic Data

TASK II – Existing and Background Traffic Patterns (100% Complete)

- Balanced existing traffic counts
- Developed traffic model for existing roadway network
- Conducted traffic analysis for existing traffic conditions
- Prepared exhibits with traffic volumes and analysis results

TASK III – Site Specific Generated traffic (New Courthouse Generated Traffic Conditions Scenario) (100% Complete)

- Developed baseline land use database
- Developed future land use database
- Developed trip generation rates for court house
- Developed future land use trip generations rates

TASK IV – Total Traffic Conditions Scenario for Year 2026 (100% Complete)

- Developed baseline total traffic conditions
- Developed year 2026 total traffic conditions

TASK V – Total Traffic Conditions Scenario for Years 2036 and 2046 (100% Complete)

- Developed year 2036 and 2046 total traffic conditions

TASK VI – Traffic Impact during Courthouse Construction (100% Complete)

- Developed Traffic Impacts during construction

TASK VII – Internal Circulation (100% Complete)

- Developed Schematic for the Courthouse square, addressing Internal circulation of vehicles, bicycles pedestrians and parking facilities.

TASK VIII – Implementation Plan (100% Complete)

- Completed

TASK IX – Project Coordination (100% Complete)

- Completed

TASK X – Traffic Impact Analysis Report (100% Complete)

- Completed

PENDING ISSUES: No Pending issues.

