

April 1, 2020

Commissioner Ellie Torres  
Hidalgo County Precinct 4  
1051 N. Doolittle Rd  
Edinburg, TX 78542

**RE: FM 2220 (Ware Road) Project - Work Authorization No. 1**  
**Limits: FM 676 (Mile 5) to FM 1925**  
**PO#728311 - L&G Project#150901**

Dear Commissioner Torres:

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 this billing period.

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

This work authorization consists of engineering services required for the preparation of roadway schematic, hydrological map, and schematic surveys, coordinate environmental assessment with TxDOT public involvement for environmental assessment, and preliminary compensable utilities identification for the FM 2220 project from FM 676 (Mile 5) to FM 1925. The following is a narrative of the progress report for this work authorization.

### Work Authorization #1 – Preparation of the Environmental Document, Public Involvement and Schematic

<b>FC 11003 ~ SCHEMATIC FOR ROADWAY</b>		<b>% Complete</b>
<b>NO UPDATE:</b> TxDOT has approved the Schematic for presentation at the Public Meeting. This task is complete.	<b>L&amp;G</b>	<b>100%</b>
<b>FC 11004 ~ SCHEMATIC FOR OUTFALLS</b>		
<b>NO UPDATE:</b> TxDOT has approved the Outfall Schematic for presentation at the Public Meeting. This task is complete.	<b>L&amp;G</b>	<b>100%</b>
<b>FC 11005 ~ PRELIMINARY COMPENSABLE UTILITY IDENTIFICATION ON SCHEMATIC</b>		
<b>NO UPDATE:</b> All potential compensable utilities have been identified on the schematic. This task is complete and ready to show to the public.	<b>L&amp;G</b>	<b>100%</b>
<b>FC 11006 ~ SCHEMATIC DESIGN FOR 3-8'x8' SIPHONS w/48" STEEL PIPE BYPASS</b>		
<b>NO UPDATE:</b> We have incorporated the Bypass into the schematic and are coordinating with the Irrigation District to confirm their concurrence. We will finalize once we receive input at the Public Meeting.	<b>L&amp;G</b>	<b>95%</b>

<b>FC 11007 ~ OFFICE SURVEYS FOR SCHEMATICS (Prel. Ownership Identification and Property Rights)</b>		
<b>NO UPDATE:</b> This task is complete.	<b>L&amp;G</b>	<b>100%</b>
<b>FC 11009 ~ UPDATE SCHEMATIC BASED ON COMMENTS AS PROVIDED BY TxDOT/FHWA</b>		
<b>NO UPDATE:</b> We have received schematic approval from TxDOT. This task will be finalized after the Public Meeting.	<b>L&amp;G</b>	<b>95%</b>
<b>FC 12001 ~ ENVIRONMENTAL ASSESSMENT WITH TxDOT</b>		
<b>UPDATED:</b> L&G has coordinated with GeoSearch to obtain an area data search necessary for the Hazardous Materials Analysis. L&G continues to draft the technical reports for submittal.	<b>L&amp;G</b>	<b>40%</b>
<b>FC 12002 ~ PUBLIC INVOLVMENT WITH STAKEHOLDERS AND 1 PUBLIC MEETING</b>		
<b>UPDATED:</b> Draft public meeting materials are being prepared. TxDOT has requested an additional MAPO with El Pacifico Estates HOA; therefore, L&G is coordinating a meeting plan and preparing MAPO materials.	<b>L&amp;G</b>	<b>75%</b>
<b>FC 12003 ~ PUBLIC INVOLVMENT FOR 1 PUBLIC HEARING</b>		
<b>NO UPDATE:</b> This task has not started yet.	<b>L&amp;G</b>	<b>0%</b>
<b>FC 12007 ~ ARCHEOLOGICAL AND HISTORICAL RESEARCH</b>		
<b>NO UPDATE:</b> L&G continues to update the fact sheets, shapefiles and data based on the latest project data to submit to the sub for processing. A Work Authorization for the sub has been prepared and submitted.	<b>L&amp;G</b>	<b>30%</b>
<b>FC 12008 ~ ENGINEERING TECHNICAL SUPPORT AT PUBLIC MEETINGS WITH LAYOUTS</b>		
<b>NO UPDATE:</b> See Progress Report Dated 8-3-15.	<b>L&amp;G</b>	<b>20%</b>
<b>FC 12009 ~ ENGINEERING TECHNICAL SUPPORT AT PUBLIC HEARINGS WITH LAYOUTS</b>		
<b>NO UPDATE:</b> This task has not started yet.	<b>L&amp;G</b>	<b>0%</b>
<b>FC 12070 ~ ARCHEOLOGICAL &amp; HISTORICAL RESEARCH /SUB</b>		
<b>NO UPDATE:</b> This task has not started yet.	<b>AmaTerra</b>	<b>0%</b>
<b>FC 16101 ~ HYDROLOGIC MAP</b>		
<b>UPDATED:</b> The Hydrologic Map is ready to present at the Public Meeting. Once the Public Meeting is held this task will be finalized.	<b>L&amp;G</b>	<b>98%</b>

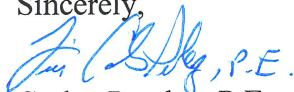
**Supplemental #1 to Work Authorization #1 – Additional Scope of work and costs for the J-08 Drainage improvements**

<b>FC 11004 ~ SCHEMATIC FOR J-08 DRAIN</b>		
<b>NO UPDATE:</b> TxDOT has approved the J-08 Schematic for presentation at the Public Meeting. This task is complete.	<b>L&amp;G</b>	<b>100%</b>

<b>FC 11005 ~ PRELIMINARY COMPENSABLE UTILITY IDENTIFICATION ON SCHEMATIC</b>		
<b>NO UPDATE:</b> All potential compensable utilities have been identified on the schematic. This task is complete and ready to show to the public.	<b>L&amp;G</b>	<b>100%</b>
<b>FC 11007 ~ OFFICE SURVEYS FOR SCHEMATICS</b>		
<b>NO UPDATE:</b> All property ownership has been identified and labeled on the schematic. This task is complete.	<b>L&amp;G</b>	<b>100%</b>
<b>FC 11009 ~ UPDATE SCHEMATIC BASED ON COMMENTS AS PROVIDED BY TxDOT/FHWA</b>		
<b>NO UPDATE:</b> We have received schematic approval from TxDOT. This task will be finalized after the Public Meeting.	<b>L&amp;G</b>	<b>95%</b>
<b>FC 11070 ~ PRELIMINARY ROW IDENTIFICATION AND SPOT ELEVATIONS</b>		
<b>NO UPDATE:</b> ROWSS is compiling existing deed information for the existing ROW basemap and will begin picking up the spot elevations.	<b>ROWSS</b>	<b>0%</b>
<b>FC 12008 ~ ENGINEERING TECHNICAL SUPPORT AT PUBLIC MEETINGS WITH LAYOUTS</b>		
<b>NO UPDATE:</b> L&G has begun preparing the necessary public meeting exhibits in preparation for the meeting.	<b>L&amp;G</b>	<b>30%</b>
<b>FC 12011 ~ ENVIRONMENTAL EVALUATION OF PROPOSED OUTFALLS TO INCLUDE IN ORIGINAL DOCUMENT</b>		
<b>NO UPDATE:</b> L&G is updating the U.S. Army Corps of Engineers coordination letter with corresponding attachments and exhibits to obtain an Approved Jurisdictional Determination (AJD).	<b>L&amp;G</b>	<b>21%</b>
<b>FC 16101 ~ HYDROLOGIC MAP FOR J-08 DRAIN</b>		
<b>NO UPDATE:</b> The hydrologic map for the J-08 drain upgrades has been developed and submitted to TxDOT for review/approval.	<b>L&amp;G</b>	<b>95%</b>

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

Sincerely,



Carlos Peralez, P.E.

Project Manager

**L & G Consulting Engineers Inc**

2100 W. Expressway 83

Mercedes, TX 78570

(956)565-9813 Fax (956)565-9018

INVOICE#: 11328066

INVOICE DATE: 3/31/2020

**BILL TO: 84**

Hidalgo County Pct. #4  
 c/o Commissioner Ellie Torres  
 1051 N. Doolittle Rd.  
 Edinburg, TX 78541

**JOB: 150901**

FM 2220 (Ware Road) Project  
 WA#1-Limits: FM 676(Mile 5) to FM 1925  
 PO#728311

DESCRIPTION	CONTRACT	PREVIOUS APPLICATIONS	CURRENT COMPLETED	TOTAL COMPLETED	% COMPL	BALANCE TO FINISH
<b>Engineering services for the month of March 2020.</b>						
Work Authorization #1 - Preparation of the Environmental Document, Public Involvement and Schematic						
11003-Schem Roadway	333,360.00	333,360.00		333,360.00	100.0	-
11004-Schem Outfalls	90,000.00	90,000.00		90,000.00	100.0	-
11005-Pre1 Comp. Ut1	54,000.00	54,000.00		54,000.00	100.0	-
11006-Schm Irrig Can	135,000.00	128,250.00		128,250.00	95.0	6,750.00
11007-Prelim ROW Own	42,000.00	42,000.00		42,000.00	100.0	-
11009-Schm TxDOT/FHW	30,000.00	28,500.00		28,500.00	95.0	1,500.00
12001-EA Reports	183,600.00	69,768.00	3,672.00	73,440.00	40.0	110,160.00
12002-Pub Invlmnt PM	81,600.00	58,752.00	2,448.00	61,200.00	75.0	20,400.00
12003-Pub Invlmnt PH	30,600.00			0.00	0.0	30,600.00
12007-Arch & Hist	31,322.00	9,396.60		9,396.60	30.0	21,925.40
12008-Eng/Pub Mtgs	31,500.00	6,300.00		6,300.00	20.0	25,200.00
12009-Eng/Pug Hearin	45,000.00			0.00	0.0	45,000.00
12070-Arch & Hist/SUB	33,678.00			0.00	0.0	33,678.00
16101-Hydro Map	108,000.00	105,840.00		105,840.00	98.0	2,160.00
Sub Total	1,229,660.00	926,166.60	6,120.00	932,286.60		297,373.40
Supplemental #1 to Work Authorization #1 - Additional Scope of work and costs for the J-08 Drainage Improvements						
11004-Schem Outfalls	38,391.36	38,391.36		38,391.36	100.0	-
11005-Pre1 Comp. Ut1	15,851.90	15,851.90		15,851.90	100.0	-
11007-Prelim ROW Own	16,191.26	16,191.26		16,191.26	100.0	-
11009-Schm TxDOT/FHW	9,852.52	9,359.89		9,359.89	95.0	492.63
11070-Prelim ROW Own	8,098.00			0.00	0.0	8,098.00
12008-ENG/Pub Mtgs	15,157.14	4,547.14		4,547.14	30.0	10,610.00
12011-Envirn Evaluat	15,350.32	3,223.57		3,223.57	21.0	12,126.75
16101-Hydro Map	34,616.04	32,885.24		32,885.24	95.0	1,730.80
Sub Total	153,508.54	120,450.36	0.00	120,450.36		33,058.18
TOTAL:	1,383,168.54	1,046,616.96	6,120.00	1,052,736.96	76.1	330,431.58

ORIGINAL CONTRACT SUM	\$ 1,229,660.00
CHANGE BY CHANGE ORDER	\$ 153,508.54
CONTRACT SUM TO DATE	\$ 1,383,168.54
TOTAL COMPLETED TO DATE	\$ 1,052,736.96
LESS PREVIOUS INVOICES	\$ 1,046,616.96
CURRENT PAYMENT DUE	\$ 6,120.00

PROJECT MANAGER'S SIGNATURE



**PROJECT DEVELOPMENT SCHEDULE**  
**FM 2220 (Ware Rd)**  
**Section #1 Limits: From Mile 5 To SH 107**  
**Section #1 Length = 2.5 miles**  
**Section #2 Limits: From SH 107 to FM 1925**  
**Section #2 Length = 2.5 miles**

TASK AND DESCRIPTION	FIRM	2018				2019												2020												2021				2022				
		Q1	Q2	Q3	Q4	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
<b>Phase I: EA, Public Involvement, Schematic</b>																																						
<b>Public Involvement (Section #1 &amp; Section #2)</b>																																						
Develop Alternatives & Matrix	L&G																																					
Advertise & Conduct MAPO/NOC	L&G																																					
Advertise & Conduct Public Meeting	L&G																																					
Select TPA	L&G																																					
<b>Schematic (Section #1 &amp; Section #2)</b>																																						
Develop Schematic	L&G																																					
Hydrologic Map	L&G																																					
TxDOT Review & Revisions	TxDOT																																					
TxDOT Schematic Approval	TxDOT																																					
<b>Environmental Document (Section #1 &amp; Section #2)</b>																																						
Draft Environmental Document, Field Visits, etc...	L&G																																					
Submit Final Draft Document	L&G																																					
Agency Review & Revisions	TxDOT																																					
Environmental Decision	TxDOT																																					
<b>Phase II: PS&amp;E &amp; Construction Oversight</b>																																						
<b>PS&amp;E (By TxDOT; Est Timelines)</b>																																						
Design Survey	TxDOT																																					
Permitted Utility Coordination	TxDOT																																					
Outfall Coordination with HCDD #1	TxDOT																																					
30% PS&E Completion	TxDOT																																					
60% PS&E Completion	TxDOT																																					
90% PS&E Completion	TxDOT																																					
95% PS&E Completion	TxDOT																																					
100% Mylars	TxDOT																																					
TxDOT Plan Set Approval	TxDOT																																					
<b>Const Oversight (Sect 1 By TxDOT; Est Timelines)</b>																																						
Let Project (Est. Earliest Date: 3rd Quarter 2021)	TxDOT																																					
Construction Duration	TxDOT																																					
<b>Phase III: ROW Map &amp; Acquisition</b>																																						
<b>ROW Map (By TxDOT; Est Timelines)</b>																																						
Prepare ROW Map	TxDOT																																					
TXDOT Internal Review	TxDOT																																					
ROW Map Revisions Per TxDOT Internal Comments	TxDOT																																					
TxDOT ROW Map Approval	TxDOT																																					
<b>ROW Acquisition (Est. 73 Parcels) (Section #1 Only)</b>																																						
ROW Release (Dependent on Availability of Funds)	TxDOT																																					
Project Administration	L&G																																					
Compensable Utility Oversight	L&G																																					
Coordination with County & TxDOT	L&G																																					
Title Commitments	L&G																																					
Appraisal Reports	L&G																																					
Appraisal Review Reports	L&G																																					
Appraisal Update Reports	L&G																																					
Approved Values by TxDOT	TxDOT																																					
Acquisition Negotiation Offers	L&G																																					
Title Curative Process	L&G																																					
Title Commitment Updates	L&G																																					
Payments for Parcels	L&G																																					
L&G Condemnation Support Process	L&G																																					
Eminent Domain Proceedings by County	County																																					
Title Insurance Policies	L&G																																					
Consumation of Outstanding Cases	L&G																																					

■ L&G FUNCTION  
■ ENVIRONMENTAL ASSESSMENT WORK  
■ TXDOT FUNCTION  
■ HIDALGO COUNTY FUNCTION