



August 3, 2020

Hon. David Fuentes
Hidalgo County Commissioner, Pct. #1
Attn: Amy Saenz-Smith or Erica Espinoza
1902 Joe Stevens
Weslaco, TX 78596

RE: Mile 6 Project – WA#1
Limits: Mile 11 to SH 107
PO#784887 - L&G Project#180501

Dear Commissioner Fuentes:

We are submitting a monthly progress report in sufficient detail to support the request for payment for services rendered during the month of July 2020.

The following is attached:

- L & G's Invoice (and sub consultant invoice, if applicable)
- Exhibit C – Work Schedule

Work Authorization#1 – Engineering services required for the preparation of the Re-Evaluation Document, Public Involvement, Schematic and Hydrologic Design

TASK		% Complete
FC 10206 – DETERMINE LOCAL COSTS vs STATE COSTS / FEASIBILITY STUDY and AGREEMENTS/AFA WITH TxDOT/LPA COORDINATION		
Supplemental #1 to Work Authorization #1 revises the scope of work and removes this scope.	L&G	100%
FC 11002 – SCHEMATIC FOR ROADWAY		
<p>No change from prior invoice L&G has modified schematic to address the following:</p> <ul style="list-style-type: none"> • Added existing profile @ CL based on LIDAR • Added existing LT & RT ROW profile based on LIDAR • Updated ROW parcel counts • Established exist. Centerline of ROW based on approved survey • Placed vertical alignment on schematic based on LIDAR. • Received topo and TIN file. • The roadway schematic was updated based on comments from TxDOT and submitted to them for approval. 	L&G	98%

FC 11005 – SCHEMATIC FOR OUTFALLS		
<p>No change from prior invoice L&G has developed schematics for each of the nine outfalls on the project (approx. 8 mi.) that include the following:</p> <ul style="list-style-type: none"> • Determined existing and proposed horizontal alignments along all nine (9) outfalls. • Vertical alignments have been determined based on LIDAR information. • Aerial imagery via drone has been generated for all nine outfalls based on shape files. • Existing ROW based on Carson Maps and/or HCCID#9 information and proposed ROW based on HCDD#1 criteria. • All existing structures along outfalls have been visually identified to include on schematics. • Aerial imagery via drone has been generated for all nine outfalls based on shape files. L&G has updated schematics based on this. • L&G has identified all HCDD#1 Bond projects. • L&G has determined ROW and construction costs for all nine outfalls. • L&G has met with HCDD#1 to get concurrence. • Letter from Pct. 1 to TxDOT was sent on July 15, 2019 on funding recommendations for outfalls. HCDD#1 concurred by letter dated October 7, 2019. • Concurrence letter was sent from TxDOT on 12-2-19 regarding outfall improvements. • Environmental Scoping meeting with TxDOT was held on 8-21-19. • The outfall schematics were updated and submitted to TxDOT. • 	L&G	98%
FC 11007 – UPDATE SCHEMATIC BASED ON COMMENTS AS PROVIDED BY TxDOT / FHWA & EA UPDATE		
<p>A DCC meeting was held between TxDOT personnel, HC Pct 1 personnel, and L&G Engineering Personnel on June 12, 2020. After the successful DCC meeting the County requested a public meeting schedule and L&G updated the schematics.</p>	L&G	90%
FC 11009 – OFFICE SURVEYS FOR SCHEMATIC (PRELIMINARY OWNER IDENTIFIED AND COMP. PROPERTY RIGHTS, ROADWAY & OUTFALLS		
<p>This task is complete.</p>	L&G	100%
FC 12001 – Re-EVALUATION OF ENVIRONMENTAL DOCUMENT WITH TxDOT		
<p>UPDATE: L&G’s Environmental Group continues to prepare technical reports for submittal to TxDOT.</p>	L&G	78%

FC 12002 – PUBLIC INVOLVEMENT FOR THE PROJECT WITH STAKEHOLDERS		
UPDATE: L&G prepared the draft notices for a virtual public meeting, the agenda packets, presentation, and submitted to TxDOT on 7/10/20. Waiting for TxDOT to set Mock Meeting date. L&G also prepared invite letters to affected property owners.	L&G	60%
FC 12007 – ARCHEOLOGICAL AND HISTORICAL RESEARCH		
UPDATE: L&G provided field work and photography needed for reports.	L&G	20%
FC 12008 – ENGINEERING TECHNICAL SUPPORT FOR LIMITED PUBLIC INVOLVEMENT		
UPDATE: L&G is continuing to finalize the schematics and hydrologic maps in preparation for the virtual public meeting.	L&G	60%
FC 12070 – ARCHEOLOGICAL AND HISTORICAL RESEARCH / SUB		
UPDATE: The Sub-Consultant has begun preparing the background study report for the project.	AmaTerra	10%
FC 15007 – SUB-SURFACE UTILIY ENGINEERING (SUE) 25 POT HOLES / MILE (ROADWAY AND OUTFALLS)		
Supplemental #1 to Work Authorization #1 revises the scope of work. We have completed the sub-contracts with Alfonso Quintanilla and have provided his office with our existing digital files. We are plotting and researching the various utilities within the project.	L&G	100%
FC 15008 – FIELD SURVEYS FOR DESIGN AND CONSTRUCTION OF ROADWAY AND 9 OUTFALLS		
Supplemental #1 to Work Authorization #1 revises the scope of work. We have completed the sub-contracts with Alfonso Quintanilla and have provided his office with our existing digital files. All of the H&V Control is being gathered and coordination with the surveyor is on-going.	L&G	99.8%
FC 15070 - SUB-SURFACE UTILITY ENGINEERING (SUE) 25 POT HOLES / MILE (ROADWAY AND OUTFALLS) / SUB		
This task has not begun.	QUINTANILLA	0%
FC 15080 - FIELD SURVEYS FOR DESIGN AND CONSTRUCTION OF ROADWAY AND 9 OUTFALLS / SUB		
No change from prior invoice Quintanilla, Headley & Associates (Sub) have set all BM's to establish vertical control. 3 wire loops have been completed. They have also set/recovered existing centerline of roadway as well as center of existing ROW for the section from 1000 ft. south of Mile 14 ½ to SH 107. Sub has submitted topo and TIN files that L&G Engineering is currently reviewing for correctness. Sub has completed Outfall survey for B7 thru B9.	QUINTANILLA	73%

FC 16101 – HYDROLOGICAL MAP FOR OUTFALL DRAIN DITCHES (OUTFALL AND CAPACITIES)		
No change from prior invoice L&G has updated Hydrologic Map based on the latest outfall schematics approved by HCDD#1. Comments received at meetings with the various Cities and TxDOT have been addressed.	L&G	96%
FC 16204 – TRAFFIC SIGNAL RE-WARRANTS AND MULTIWAY STOP CONTROL WARRANT STUDIES		
No change from prior invoice L&G has received and reviewed ETSI (Sub) Traffic Signal Re-Warrant study for the signal at SH 107. L&G has received and reviewed all Multiway-stop control warrant studies submitted by ETSI as well.	L&G	81.7%
FC 16206 – TRAFFIC COUNT PROJECTIONS FOR 20-YRS FOR SCHEMATICS		
This task is now complete.	L&G	100%
FC 16240 - TRAFFIC SIGNAL RE-WARRANTS AND MULTIWAY STOP CONTROL WARRANT STUDIES / SUB		
No change from prior invoice ETSI (Sub) is approximately 80% complete with their Traffic Signal and Multi-Way Stop Control Warrant Studies. The following tasks have been performed: <ul style="list-style-type: none"> • Collection of Data and Conduction of Field Investigations • Intersection Exhibits • Traffic signal & Multi-Way Stop control Warrant Analysis • Photo Album • Recommendations • Study Report 	ETSI	81.7%
FC 16260 - TRAFFIC COUNT AND MODELING PROJECTIONS FOR 20-YRS FOR SCHEMATICS / SUB		
C&M has completed their traffic projects and has submitted all data. This task is now complete.	C&M	90.8%

Supplemental #1 to Work Authorization #1 – Revised Scope of Work

FC 10206 - FC 10206 – DETERMINE LOCAL COSTS vs STATE COSTS / FEASIBILITY STUDY and AGREEMENTS/AFA WITH TxDOT/LPA COORDINATION		
Supplemental #1 to Work Authorization #1 revises the scope of work and removes this scope.	L&G	100%
FC 10211 - PRELIMINARY ENGINEERING		
Supplemental #1 to Work Authorization #1 revises the scope of work to include this scope. L&G has developed several cost breakdowns for Pct. #1 and have had several meetings with TxDOT and the MPO to verify the approximate totals based on the preliminary schematics and schedule of work. This work is	L&G	87%

ongoing on a monthly basis and updated as the schematics continue to be worked on.		
FC 11005 – SCHEMATIC FOR OUTFALLS		
<p>No change from prior invoice</p> <p>L&G has developed preliminary schematics for each of the nine outfalls on the project (approx. 8.0 mi.) that include the following:</p> <ul style="list-style-type: none"> • Determined exist and prop horizontal alignments along all nine outfalls. • Vertical alignments have been determined based on LIDAR information. • Aerial imagery via drone has been generated for all nine outfalls based on shape files. • Existing ROW based on Carson Maps and/or HCCID#9 information and proposed ROW based on HCDD#1 criteria. • All existing structures along outfalls have been visually identified to include on schematics. • Aerial imagery via drone has been generated for all nine outfalls based on shape files. L&G has updated schematics based on this. • L&G has identified all HCDD#1 Bond projects. • L&G has determined ROW and construction costs for all nine outfalls. • L&G has met with HCDD#1 to get concurrence. A meeting with TxDOT was held on October 28, 2019. • Concurrence letter was sent from TxDOT on 12-2-19 regarding outfall improvements. 	L&G	97%
FC 15007 – SUB-SURFACE UTILTIY ENGINEERING (SUE) 25 POT HOLES / MILE (ROADWAY AND OUTFALLS)		
Supplemental #1 to Work Authorization #1 revises the scope of work.	L&G	100%
FC 15008 – FIELD SURVEYS FOR DESIGN AND CONSTRUCTION OF ROADWAY AND 9 OUTFALLS		
Supplemental #1 to Work Authorization #1 revises the scope of work.	L&G	100%
FC 16403 – PROJECT MANAGEMENT		
<p>Supplemental #1 to Work Authorization #1 revises the scope of work.</p> <p>Several meetings with layouts have been held with TxDOT, Hidalgo County Pct #1 and HCDD#1. L&G lead a preliminary DCC meeting and TxDOT has scheduled a DCC meeting.</p>	L&G	92%

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

Sincerely,

Armando J. Sandoval, P.E.
Project Manager

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

INVOICE#: 11328232
INVOICE DATE: 7/31/2020

BILL TO: 34
 Hidalgo County Pct. #1
 902 Joe Stephens
 Weslaco, TX 78599

JOB: 180501
 Mile 6 Project WA#1
 PO# 784887
 (From: Mile 11 to SH107)

DESCRIPTION	CONTRACT	PREVIOUS APPLICATIONS	CURRENT COMPLETED	TOTAL COMPLETED	% COMPL	BALANCE TO FINISH
Engineering services for the month of July 2020.						
Work Authorization #1 - Re-Evaluation Document. Public Involvement. Schematic and Hydrologic Design						
10206-Feasibility	30,000.00	30,000.00		30,000.00	100.0	-
11002-Schm Roadway	180,000.00	176,400.00		176,400.00	98.0	3,600.00
11005-Dsgn Schm Outfall	180,000.00	176,400.00		176,400.00	98.0	3,600.00
11007-Schm Rdwy TxDOT	45,000.00	38,250.00	2,250.00	40,500.00	90.0	4,500.00
11009-Pr1 ROW Outfall	90,000.00	90,000.00		90,000.00	100.0	-
12001-EA Reports	86,400.00	64,800.00	2,592.00	67,392.00	78.0	19,008.00
12002-Pub Invmt (PM)	43,200.00	22,896.00	3,024.00	25,920.00	60.0	17,280.00
12007-Arch & Hist	10,166.40	1,829.95	203.33	2,033.28	20.0	8,133.12
12008-Eng/Pub Mtgs	36,000.00	18,000.00	3,600.00	21,600.00	60.0	14,400.00
12070-Arch & Hist/SUB	27,333.60	0.00	285.90	285.90	1.0	27,047.70
15007-Sub-Surfc Util	208,210.00	208,210.00		208,210.00	100.0	-
15008-Field Srvc Out	209,940.00	209,431.00		209,431.00	99.8	509.00
15070-SubSurface Eng	10,540.00	0.00		0.00	0.0	10,540.00
15080-Field Srvc/SUB	245,060.00	178,790.00		178,790.00	73.0	66,270.00
16101-Hydro Map	90,000.00	86,400.00		86,400.00	96.0	3,600.00
16204-Signal Warrant	8,240.56	6,732.54		6,732.54	81.7	1,508.02
16206-Trfc Prjctns	18,288.72	18,288.72		18,288.72	100.0	-
16240-Signl Wrnts/SUB	65,759.44	53,731.53		53,731.53	81.7	12,027.91
16260-Trfc Prj/SUB	21,711.28	19,711.28		19,711.28	90.8	2,000.00
Sub Total	1,605,850.00	1,399,871.02	11,955.23	1,411,826.25		194,023.75
Supplemental #1 to Work Authorization #1 - Revised Scope of Work						
10206-Feasibility	-30,000.00	-30,000.00		-30,000.00	100.0	-
10211-Pre Engineering	30,000.00	26,100.00		26,100.00	87.0	3,900.00
11005-Dsgn Schm Outfall	177,940.00	172,601.80		172,601.80	97.0	5,338.20
15007-Sub-Surf Util	-187,389.00	-187,389.00		-187,389.00	100.0	-
15008-Field Srvc Out	-177,940.00	-177,940.00		-177,940.00	100.0	-
16403-ProjectMngmnt	187,389.00	172,397.88		172,397.88	92.0	14,991.12
Sub Total	0.00	-24,229.32	0.00	-24,229.32		24,229.32
TOTAL:	1,605,850.00	1,375,641.70	11,955.23	1,387,596.93	86.4	218,253.07

ORIGINAL CONTRACT SUM \$ 1,605,850.00
 CHANGE BY CHANGE ORDER \$ 0.00
 CONTRACT SUM TO DATE \$ 1,605,850.00
 TOTAL COMPLETED TO DATE \$ 1,387,596.93
 LESS PREVIOUS INVOICES \$ 1,375,641.70
 CURRENT PAYMENT DUE \$ 11,955.23


 PROJECT MANAGER'S SIGNATURE

