



October 1, 2010

Hon. A.C. Cuellar, Jr.  
Hidalgo County Commissioner, Pct. #1  
Attn: Raul Lozano  
1902 Joe Stevens  
Weslaco, TX 78596

**RE: FM 493 South, Work Authorization No. 1, PO# 617489,  
C08-417-12-09, L&G Job#090201**

Dear Commissioner Cuellar:

Attached for your approval is our invoice for services rendered through September 2010. The following is attached:

- L & G's Invoice
- Sub-consultant Invoice (when applicable)
- Exhibit C "Project Schedule"

TASK		% COMPL
<b>FC 11006 – DESIGN SCHEMATICS</b>		
Schematic was turned in to TxDOT Pharr District on January 29, 2010 for District approval. We received District comments on March 3 <sup>rd</sup> and returned to TxDOT March 24 <sup>th</sup> for further processing to TxDOT – Austin. We received comments from Austin on August 17 <sup>th</sup> & resubmitted for final approval on August 30, 2010.	L&G	95%
<b>FC 12001 – EA REPORTS</b>		
L&G is in the process of finalizing revisions to the EA for final submittal to the ENV.	L&G	95%
<b>FC 12002 – PUBLIC INVOLVEMENT</b>		
This task is complete.	L&G	100%
<b>FC 12040 – CULTURAL RESOURCES</b>		
The Texas Historical Commission has approved the Archeological report and the Historical report.	L&G	100%
<b>FC 13002 – OWNERSHIP DATA COLLECTION</b>		
This task is complete.	L&G	100%
<b>FC 15011 – SURVEY PLANS AND DESIGN/SUB</b>		
All design survey data has been collected for this work authorization.	J.E.S.	100%
<b>FC 16001 – ROADWAY DESIGN</b>		
We have established a best fit alignment and have established the existing centerline based on old plans and appraisal district data. A preliminary profile of the proposed centerline and the East/West proposed ROW was generated based on Lidar data to aid in the assessment of outfalls and the development of an overall drainage plan. The possibility of setting the grades of the proposed rural roadway to that of the future urban section has been ruled out due to roadway flooding concerns. We have coordinated with the IBWC regarding the vertical alignment at the floodway more coordination is needed after our bridge life cycle cost analysis determined that the existing pilot channel bridge will need to be replaced. We met with the Diocese Property Department on October 15, 2009 and adjusted the alignment based on impacts to the parking lot of Christ Rey Chapel. Alignment has been finalized based on Public Meeting comments. As survey data continues to come in. We are furthering the design. Final completion of the design must wait for the completion of the design surveys.	L&G	70%

<b>FC 16104 – OUTFALL DESIGN</b>		
We have identified potential outfalls and developed a hydrologic map. We are also evaluating the hydraulic capacities of existing outfalls. As survey data continues to come in, we are furthering the design. Final completion of the design must wait for the completion of the design surveys.	L&G	70%
<b>FC 16302 – TRAFFIC CONTROL PLAN</b>		
Preliminary TCP typical sections and sequence of construction are have been finalized. As survey data continues to come in, we are furthering the design. Final completion of the design must wait for the completion of the design surveys.	L&G	70%
<b>FC 16304 – IRRIGATION</b>		
We have identified existing irrigation lines and included them in the schematic. We have set preliminary coordination letters to the Donna Irrigation District. Met with Donna Irrigation District on August 27, 2009 and again on September 17 <sup>th</sup> . As survey data continues to come in, we are furthering the design. Final completion of the design must wait for the completion of the design surveys.	L&G	70%
<b>FC 16306 – QUANTITIES &amp; SPECS</b>		
A preliminary estimate with quantities, specification list as well as General Notes has been developed.	L&G	70%
<b>FC 16307 – UTILITIES</b>		
Surface utilities have been identified and initial letters have been sent to all utilities. We have begun receiving comments back from utility companies. We have met with and continue to coordinate with the City of Donna. Information on the City of Donna's sewer line was obtained and that information has been added to the project schematic. We met with the city of Donna on August 26, 2009 in regards to their sanitary sewer and water lines. We also met with D.I.D. on September 09, 2009. As survey data continues to come in, we are furthering the design. Final completion of the design must wait for the completion of the design surveys.	L&G	70%
<b>FC 32000 – CONSTRUCTION MANAGEMENT</b>		
This task has not yet begun.	L&G	0%

Should you have any questions regarding this submittal, please do not hesitate to call me at (956) 565-9813.

Sincerely,



Robert Macheska, P.E.

Project Manager

Attachment

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

**INVOICE #: 11323572**  
**INVOICE DATE: 09/30/10**

**BILL TO: 34**  
 Hidalgo County Pct. #1  
 902 Joe Stephens  
 Weslaco, TX 78596

**JOB: 090201**  
 FM 493 South WA#1  
 PO# 617489

DESCRIPTION	CONTRACT	PREVIOUS APPLICATIONS	CURRENT COMPLETED	TOTAL COMPLETED	% COMPL	BALANCE TO FINISH
<b>Engineering services for the month of September 2010.</b>						
11006-Design Schem	254,000.00	228,600.00	12,700.00	241,300.00	95.0	12,700.00
12001-EA Reports	60,000.00	54,000.00	3,000.00	57,000.00	95.0	3,000.00
12002-Pub Involment	10,000.00	10,000.00		10,000.00	100.0	
12040-Cul Resc/Sub	20,000.00	19,000.00	1,000.00	20,000.00	100.0	
13002-Owner Data/Cor	35,000.00	35,000.00		35,000.00	100.0	
15011-Field Sur/Sub	150,000.00	112,500.00	37,500.00	150,000.00	100.0	
16001-Rdwy Dsgn	401,000.00	280,700.00		280,700.00	70.0	120,300.00
16104-Outfall Design	67,000.00	46,900.00		46,900.00	70.0	20,100.00
16302-Traf Cntrl Pln	30,000.00	21,000.00		21,000.00	70.0	9,000.00
16304-Irrigation	32,000.00	22,400.00		22,400.00	70.0	9,600.00
16306-Qty Specs	30,000.00	21,000.00		21,000.00	70.0	9,000.00
16307-Utilities	40,000.00	28,000.00		28,000.00	70.0	12,000.00
3200-Const. Mgnmt	15,000.00				0.0	15,000.00
<b>TOTALS:</b>	<b>1,144,000.00</b>	<b>879,100.00</b>	<b>54,200.00</b>	<b>933,300.00</b>	<b>81.6</b>	<b>210,700.00</b>

ORIGINAL CONTRACT SUM \$ 1,144,000.00  
 CHANGE BY CHANGE ORDER \$ 0.00  
 CONTRACT SUM TO DATE \$ 1,144,000.00  
 TOTAL COMPLETED TO DATE \$ 933,300.00  
 LESS PREVIOUS INVOICES \$ 879,100.00

  
 PROJECT MANAGER'S SIGNATURE

**CURRENT PAYMENT DUE \$ 54,200.00**

Approved by  
 Paul Regan  
 Pct. 1  
 10-6-10

*mg*