

**SUPPLEMENTAL AGREEMENT NO. 1  
TO  
AGREEMENT OF MAY 18, 2011  
FOR  
ENGINEERING SERVICES for  
Fort Bend Grand Parkway Toll Road, Segment D**

This Supplemental Agreement is made and entered into this 15<sup>th</sup> day of June, 2011, and modifies the ENGINEERING SERVICES AGREEMENT made with Terracon Consultants, Inc., dated May 18, 2011 for engineering services for the Fort Bend Grand Parkway Toll Road, Segment D.

The agreement is hereby modified as follows:


1. The first sentence of Section 2.a is replaced with the following sentence:  
"The Maximum Compensation under this contract is \$187,744.44."
2. The second paragraph of Section 2.a is replaced with the following paragraph:  
"Compensation for performance of services within the Scope of Services described in Attachment A will be as follows: The lump sum compensation shall be increased by \$4,493.46, for the additional work shown in Attachment A. The maximum amount payable under this agreement shall not exceed \$187,744.44, as shown in Attachment B. Progress payments for work detailed in Attachment A will be made when the Engineer has attained a level of completion equal to or greater than the agreed upon milestones of completion in the reasonable opinion of FBGPTRA."
3. The Scope of Services shown in Attachment A shall be expanded to include Exhibit A-1, attached hereto.
4. The Compensation for Scope of Services shown in Attachment B shall be expanded to include Exhibit B-1, attached hereto.


**[Remainder of page intentionally left blank.]**

Supplemental Agreement No. 1  
To Agreement of May 18, 2011


IN WITNESS WHEREOF, this Supplemental Agreement is hereby executed as of the  
date first set forth above.

FORT BEND GRAND PARKWAY TOLL  
ROAD AUTHORITY, a local government  
Texas Corporation

By:   
~~James Condroy~~ Bobbie Tallas  
Vice Chairman, Board of Directors

ATTEST:   
By \_\_\_\_\_

Terracon, Consultants, Inc.  
ENGINEER

By:   
Name: Todd E. Swoboda  
Title: Senior Principal

**SUPPLEMENTAL AGREEMENT NUMBER 1**  
**Fort Bend Grand Parkway Toll Road, Segment D, Geotechnical Services**

**EXHIBIT A-1**  
**ATTACHMENT A**  
**SCOPE OF SERVICES**

**TERRACON CONSULTANTS, INC.**

**GENERAL DESCRIPTION**

Through field investigation, it was determined that three of the originally planned geotechnical borings are located on approximately 10 to 20 feet of additional existing embankment. It was determined that these three borings require additional depth in order to perform analyses related to MSE retaining wall construction which requires removal of the existing additional embankment.

Additional boring depth will be obtained as follows:

Boring Number	Original Boring Depth (feet)	New Boring Depth (feet)	Additional Boring Depth (feet)
R-124	50	70	20
R-125	50	70	20
R-126	35	50	15
<b>TOTAL</b>	<b>135</b>	<b>190</b>	<b>55</b>

**SUPPLEMENTAL AGREEMENT NUMBER 1  
FORT BEND GRAND PARKWAY TOLL ROAD (SH 99) – SEGMENT D**

**EXHIBIT B-1  
ATTACHMENT B  
COMPENSATION FOR SCOPE OF SERVICES**

**TERRACON CONSULTANTS, INC.**

<b>Field Investigation</b>					
<b>Item</b>	<b>Description</b>	<b>Amount</b>	<b>Unit</b>	<b>Rate/Unit</b>	<b>Cost</b>
1	Drill and Sample, 0 to 50 feet	15	Foot	\$16.00	\$240.00
2	Drill and Sample, 50 to 100 feet	40	Foot	\$18.00	\$720.00
3	ATV Drilling Surcharge	55	Foot	\$6.00	\$330.00
4	THD Cone Penetration Test	11	Each	\$23.00	\$253.00
5	Grouting Borings	55	Foot	\$5.00	\$275.00
6	Project Engineer (coordination)	2	Hour	\$100.95	\$201.90
7	Engineering Technicians	8	Hour	\$54.75	\$438.00
<b>Subtotal for Field Investigation =</b>					<b>\$2,457.90</b>
<b>Laboratory Testing</b>					
<b>Item</b>	<b>Description</b>	<b>Amount</b>	<b>Unit</b>	<b>Rate/Unit</b>	<b>Cost</b>
1	Liquid and Plastic limit	3	Each	\$53.00	\$159.00
2	Unconsolidated Undrained Triaxial	2	Each	\$54.00	\$108.00
3	Unconfined Compressive Strength	5	Each	\$39.00	\$195.00
4	Moisture Content	6	Each	\$8.00	\$48.00
5	Percent Finer than No. 200 Sieve	3	Each	\$41.00	\$123.00
<b>Subtotal for Laboratory Testing =</b>					<b>\$633.00</b>
<b>Engineering Analyses &amp; Reporting</b>					
<b>Item</b>	<b>Description</b>	<b>Amount</b>	<b>Unit</b>	<b>Rate/Unit</b>	<b>Cost</b>
1	Principal Engineer	2	Hour	\$171.93	\$343.86
2	Project Engineer	4	Hour	\$100.95	\$403.80
3	Staff Engineer	6	Hour	\$90.00	\$540.00
4	Drafting/CADD	1	Hour	\$57.00	\$57.00
5	Clerical	1	Hour	\$57.90	\$57.90
<b>Subtotal for Engineering Analyses &amp; Reporting =</b>					<b>\$1,402.56</b>
<b>TOTAL COST =</b>					<b>\$4,493.46</b>