

**SUPPLEMENTAL AGREEMENT NO. 4
TO
AGREEMENT OF MARCH 18, 2015
FOR
ENGINEERING SERVICES AGREEMENT for
Fort Bend Grand Parkway Toll Road, Segment D**

This Supplemental Agreement is made and entered into this 17 day of May, 2017, and modifies the ENGINEERING SERVICES AGREEMENT made with Aguirre & Fields, LP, dated March 18, 2015 for the design of two direct connector structures at the Fort Bend Grand Parkway Toll Road (Segment D) and the Fort Bend Westpark Tollway, as amended.

The agreement is hereby modified as follows:

1. 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, and Exhibit A-1 thru Exhibit A-4 shall be in accordance with the billing rates shown in Attachment B. The maximum amount payable under this agreement shall not exceed \$2,704,464.32. Progress payments for work detailed in Attachment A, and Exhibit A-1 thru Exhibit A-4 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.”
2. The Scope of Services shown in Attachment A shall be as shown in Exhibit A-4, attached hereto.
3. The Compensation for Scope of Services shown in Attachment B shall be reassigned in Exhibit B-4, attached hereto.

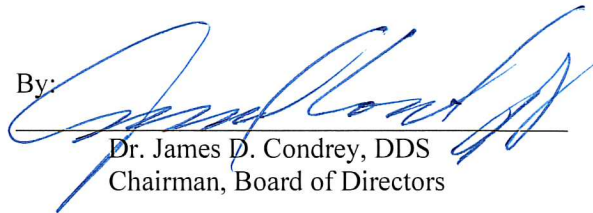
This Supplemental Agreement does not alter, modify, or otherwise change any part of the Agreement, except as specifically stated in this Supplemental Agreement.

[Remainder of page intentionally left blank.]

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

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

By:


Dr. James D. Condrey, DDS
Chairman, Board of Directors

ATTEST:

By


Secretary, Board of Directors

Aguirre & Fields, LP

By: Aguirre, LLC – General Partner.

ENGINEER

By:



Name: Christine R. Crosby

Title: Vice-President

EFFECTIVE DATE

THIS AGREEMENT IS EFFECTIVE ON THE DATE IT IS APPROVED BY THE FORT BEND COUNTY COMMISSIONERS COURT, AND IF NOT SO APPROVED SHALL BE NULL AND VOID.

DATE OF COMMISSIONERS COURT APPROVAL: _____

AGENDA ITEM NO.: _____

**ATTACHMENT A
EXHIBIT A-4
SUPPLEMENTAL AGREEMENT #4 SCOPE OF SERVICES**

**FORT BEND GRAND PARKWAY TOLL ROAD (SH 99) / WESTPARK TOLLWAY (FM 1093)
EASTBOUND/NORTHBOUND & WESTBOUND/NORTHBOUND DIRECT CONNECTORS**

DESIGN SERVICES

GENERAL DESCRIPTION

The work to be performed by the Engineer under this Supplemental Agreement consists of adding additional large overhead signs, additional survey cross sections, and changing safety lighting to high mast lighting.

The following is a detailed list of tasks which will be performed by the Engineer in addition to and in accordance with the scope of services in the Prime Agreement.

1) SURVEY

- a) Survey cross sections will be acquired for two (2) large overhead sign locations east of Peek Road. Three (3) cross sections will be obtained at each sign location.

2) TRAFFIC

- a) Signing & Pavement Markings
 - 1) Develop an overall large overhead sign layout showing the proposed sign locations
 - 2) Append the proposed large signs in the Prime Agreement as follows:
 - (a) Grand Parkway Exit (EB) – 4 signs
 - (a) 1 Mile
 - (b) ½ Mile
 - (c) Exit
 - (d) North/South
 - (b) Grand Parkway Exit (WB) – 4 signs
 - (a) 1 ¼ Mile (Exist Sign Mod)
 - (b) ¾ Mile (Exist Sign Mod)
 - (c) Exit
 - (d) North/South
 - (c) Grand Parkway Frontage Road Exit (WB) – 3 signs
 - (a) ¾ Mile
 - (b) ¼ Mile
 - (c) Exit (Exist Sign Mod)
 - (d) Fry Road Exit (NB) – 2 signs
 - (a) ½ Mile
 - (b) Exit

Total Proposed Signs: 10 (elevations and sign details)

Total Existing Sign Modifications: 3 (sign details)

Original Scope included 6 large sign elevations and 6 sign details. This supplemental includes an additional 4 sign elevations and 7 sign details.

b) Illumination

- 1) Change from safety lighting to high mast lighting.
- 2) The Engineer shall provide high mast lighting layout plans, electrical circuit plans and details for high mast lighting system related to EBNB and WBNB connectors. High mast lighting poles and types shall be selected from the latest State standards. The Engineer shall provide the following information on high mast lighting layouts:
 - (a) Develop a General Plan for the entire Interchange with a combined High Mast and Safety Lighting system.
 - (b) Proposed High Mast Lighting (illustrated and quantified) which include legend, lighting and fixture schedule, and conduit runs.
 - (c) Proposed Safety Lighting for the two diverge areas, EB Westpark Tollway to EBNB DC and WB Westpark Tollway to WBNB DC, and one merge area, EBNB and WBNB DCs merge area.
 - (d) Revise existing SBEB ramp diverge safety lighting based on removal of lights on existing DC.
 - (e) Quantities of existing safety poles to be removed.
 - (f) Circuit Diagrams for high mast lighting system related to EBNB and WBNB connectors.
 - (g) High mast lighting pole locations with cross sections.
 - (h) Electrical Service Data for high mast lighting system related to EBNB and WBNB connectors
 - (i) ROW limits.

**ATTACHMENT B
EXHIBIT B-4
SUPPLEMENTAL AGREEMENT #4 FEE ESTIMATE**

**FORT BEND GRAND PARKWAY TOLL ROAD (SH 99) / WESTPARK TOLLWAY (FM 1093)
EASTBOUND/NORTHBOUND & WESTBOUND/NORTHBOUND DIRECT CONNECTORS**

CONTRACT SUMMARY

PRIME: Aguirre & Fields
SUB: H&H Resources
SUB: Progressive Traffic & Transportation
SUB: AECOM
SUB: Geotech Engineering and Testing
SUB: Weisser Engineering & Surveying

WORK TASK	DESCRIPTION	Original Contract	SA#1	SA#2	SA#3	SA#4	TOTAL
1	SURVEY	\$ 22,132.00	\$ 4,042.50	\$ 50,334.00		\$ 2,350.00	\$ 78,858.50
2	UTILITY COORDINATION	\$ 26,031.25					\$ 26,031.25
3	GEOTECHNICAL STUDY	\$ 305,521.00		\$ 109,784.00	\$ (109,784.00)		\$ 305,521.00
4	SCHEMATIC			\$ 36,774.75			\$ 36,774.75
5	ROADWAY	\$ 204,828.00		\$ 38,226.50	\$ 1,483.50		\$ 244,538.00
6	TRAFFIC	\$ 125,861.00		\$ 46,468.00	\$ (32,418.00)	\$ 81,195.00	\$ 221,106.00
7	DRAINAGE	\$ 193,790.28		\$ 58,783.20	\$ (58,783.20)		\$ 193,790.28
8	CONSTRUCTION SEQUENCING AND TRAFFIC CONTROL	\$ 101,987.50		\$ 19,360.75	\$ (2,430.75)		\$ 118,917.50
9	RETAINING WALLS	\$ 44,785.00					\$ 44,785.00
10	BRIDGES	\$ 978,078.75		\$ 250,043.25	\$ (250,043.25)		\$ 978,078.75
11	GENERAL NOTES AND SPECIFICATIONS	\$ 6,804.50					\$ 6,804.50
12	CONSTRUCTION TIME DETERMINATION	\$ 5,235.00					\$ 5,235.00
13	STANDARD DRAWINGS	\$ 8,322.06					\$ 8,322.06
14	QUANTITY TAKE-OFFS AND QUANTITY SUMMARIES	\$ 87,271.48					\$ 87,271.48
15	CONSTRUCTION COST ESTIMATE	\$ 51,026.80					\$ 51,026.80
16	MISCELLANEOUS DRAWINGS	\$ 25,956.00		\$ 1,881.50	\$ (1,881.50)		\$ 25,956.00
17	PREPARATION AND SUBMITTAL OF PS&E	\$ 62,154.65					\$ 62,154.65
18	PROJECT MANAGEMENT	\$ 87,755.80		\$ 25,711.90	\$ (25,711.90)		\$ 87,755.80
19	DIRECT EXPENSES	\$ 5,081.50		\$ 2,267.50	\$ (2,267.00)		\$ 5,082.00
20	CONTINGENCY				\$ 200,000.00	\$ (83,545.00)	\$ 116,455.00
TOTAL		\$ 2,342,622.57	\$ 4,042.50	\$ 639,635.35	\$ (281,836.10)	\$	\$ 2,704,464.32

**ATTACHMENT B
EXHIBIT B-4
SUPPLEMENTAL AGREEMENT #4 FEE ESTIMATE**

**FORT BEND GRAND PARKWAY TOLL ROAD (SH 99) / WESTPARK TOLLWAY (FM 1093)
EASTBOUND/NORTHBOUND & WESTBOUND/NORTHBOUND DIRECT CONNECTORS**

SUMMARY

PRIME: Aguirre & Fields
SUB: H&H Resources
SUB: Progressive Traffic & Transportation
SUB: AECOM
SUB: Geotech Engineering and Testing
SUB: Weisser Engineering & Surveying

WORK TASK	DESCRIPTION	Aguirre & Fields	H&H Resources	Progressive Traffic & Transportation	Geotech Engineering and Testing	Weisser Engineering & Surveying	TOTAL
1	SURVEY					\$ 2,350.00	\$ 2,350.00
2	TRAFFIC			\$ 81,195.00			\$ 81,195.00
TOTAL				\$ 81,195.00		\$ 2,350.00	\$ 83,545.00

**ATTACHMENT B
EXHIBIT B-4
SUPPLEMENTAL AGREEMENT #4 FEE ESTIMATE**

**FORT BEND GRAND PARKWAY TOLL ROAD (SH 99) / WESTPARK TOLLWAY (FM 1093)
EASTBOUND/NORTHBOUND & WESTBOUND/NORTHBOUND DIRECT CONNECTORS**

Progressive Traffic & Transportation

TASK DESCRIPTION	NUMBER OF SHEETS	Principal	Project Manager	Project Engineer	Engineering Technician	TOTAL LABOR HRS & COSTS	HRS/SHEET
LABOR RATE PER HOUR		\$180.00	\$165.00	\$142.00	\$80.00		
TRAFFIC							
GUIDE SIGN SCHEMATIC	2	2	4	30	24	60	30
OVERHEAD SIGN ELEVATIONS (ONE PER SHEET)	4	2	6	38	60	106	27
LARGE SIGN DETAILS	7	2	4	47	67	120	17
SHEETS & HOURS SUBTOTAL	11	6	14	115	151	286	26
SUBTOTAL LABOR COSTS		\$1,080.00	\$2,310.00	\$16,330.00	\$12,080.00	\$31,800.00	
ILLUMINATION (HIGH MAST & SAFETY LIGHTING)							
GENERAL PLAN FOR THE INTERCHANGE	1	2	6	24	8	40	40
HIGH MAST LIGHTING PLANS	9	10	62	200	60	332	37
RAMP MERGE & DIVERGE AREA SAFETY LIGHTING	3	3	22	58	24	107	36
CIRCUIT DIAGRAM (HIGH MAST ILLUMINATION)	2	3	12	32	24	71	36
CIRCUIT DIAGRAM (RAMP MERGE & DIVERGE AREA)	1	3	5	22	8	38	38
ELECTRICAL SERVICE DATA SHEET	1	3	5	22	8	38	38
SHEETS & HOURS SUBTOTAL	17	24	112	358	132	626	
SUBTOTAL LABOR COSTS		\$4,320.00	\$18,480.00	\$50,836.00	\$10,560.00	\$84,196.00	
ILLUMINATION (CREDIT BACK TO PROJECT)							
ILLUMINATION LAYOUTS	11	-3	-39	-70	-70	-182	-17
ILLUMINATION CIRCUIT DIAGRAM	2	-2	-14	-30	-20	-66	-33
ILLUMINATION DETAILS	2	-2	-4	-8	-20	-34	-17
SHEETS & HOURS SUBTOTAL	15	-7	-57	-108	-110	-282	
SUBTOTAL LABOR COSTS		-\$1,260.00	-\$9,405.00	-\$15,336.00	-\$8,800.00	-\$34,801.00	
DIRECT EXPENSES						\$0.00	
TOTAL COSTS						\$81,195.00	

FORT BEND GRAND PARKWAY TOLL ROAD (SH 99) / WESTPARK TOLLWAY (FM 1093)
EASTBOUND/NORTHBOUND & WESTBOUND/NORTHBOUND DIRECT CONNECTORS

TASK DESCRIPTION	NUMBER OF SHEETS	PROJECT MANAGER (RPLS)	FIELD SUPERVISOR	SURVEY TECHNICIAN	3 PERSON CREW	CADD SUPPORT	ADMIN	TOTAL LABOR HRS & COSTS
LABOR RATE PER HOUR		\$140.00	\$85.00	\$95.00	\$155.00	\$90.00	\$50.00	
SURVEY								
LARGE SIGN CROSS SECTIONS (2 LOCATIONS)		1	4	4	6	5	1	21
SHEETS & HOURS SUBTOTAL	0	1	4	4	6	5	1	21
SUBTOTAL LABOR COSTS		\$140.00	\$340.00	\$380.00	\$930.00	\$450.00	\$50.00	\$2,290.00
EXPENSES								
EXPENSES								\$60.00
SUBTOTAL LABOR COSTS								\$60.00
							TOTAL	\$2,350.00

CERTIFICATE OF INTERESTED PARTIES**FORM 1295**

1 of 1

Complete Nos. 1 - 4 and 6 if there are interested parties.
Complete Nos. 1, 2, 3, 5, and 6 if there are no interested parties.

**OFFICE USE ONLY
CERTIFICATION OF FILING****1 Name of business entity filing form, and the city, state and country of the business entity's place of business.**

Aguirre & Fields, LP
Sugar Land, TX United States

Certificate Number:
2017-192577

Date Filed:
04/13/2017

Date Acknowledged:
04/18/2017

2 Name of governmental entity or state agency that is a party to the contract for which the form is being filed.

Fort Bend Grand Parkway Toll Road Authority

3 Provide the identification number used by the governmental entity or state agency to track or identify the contract, and provide a description of the services, goods, or other property to be provided under the contract.

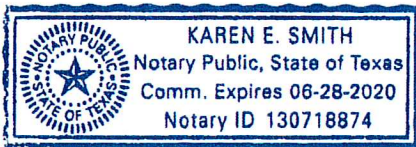
SA #4 - Agreement of 3/18/2015
Supplemental Agreement No. 4 (Segment D) SH99 Direct Connectors (FM 1093)

4	Name of Interested Party	City, State, Country (place of business)	Nature of interest (check applicable)	
			Controlling	Intermediary
	Aguirre - LLC, General Partner	Sugar Land, TX United States	X	
	Aguirre, Oscar R.	Sugar Land, TX United States	X	
	Gribble, Mark D.	Sugar Land, TX United States	X	
	Lubitz, David J.	Austin, TX United States	X	
	Bilich, Christopher T.	Austin, TX United States	X	
	Crosby, Christine R.	Sugar Land, TX United States	X	

5 Check only if there is NO Interested Party. ☐

6 AFFIDAVIT

I swear, or affirm, under penalty of perjury, that the above disclosure is true and correct.



Signature of authorized agent of contracting business entity

AFFIX NOTARY STAMP / SEAL ABOVE

Sworn to and subscribed before me, by the said Oscar R. Aguirre, this the 17th day of April, 2017, to certify which, witness my hand and seal of office.

Signature of officer-administering oath

Karen E. Smith

Printed name of officer administering oath

Contracts Coordinator

Title of officer administering oath