

**SUPPLEMENTAL AGREEMENT NO. 15  
TO  
AGREEMENT OF FEBRUARY 20, 2008  
FOR  
ENGINEERING SERVICES for  
Fort Bend Parkway Toll Road Segment B (Phase 1)**

This Supplemental Agreement is made and entered into this 16<sup>th</sup> day of October, 2013, and modifies the ENGINEERING SERVICES AGREEMENT made with Brown & Gay Engineers, Inc., dated February 20, 2008 for engineering design, environmental assessment, geotechnical and survey services for the extension of the Fort Bend Parkway Toll Road, Segment B (Phase 1).

The agreement is hereby modified as follows:

1. The Scope of Services are amended to include the additional service as described in Attachment A-1, which are made part of this Supplemental Agreement.
2. The first sentence of Paragraph 2.a is replaced with the following:

“Compensation for performance of the Services defined in Attachment A-1 will be as follows: The Additional Services compensation shall be increased by \$87,000.00, for the additional work shown in Attachment A-1 which provides for construction engineering and management services. The maximum amount payable under this agreement shall not exceed \$1,889,148.66 for all work except by separate agreement in accordance with the provisions of this 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 COUNTY TOLL ROAD  
AUTHORITY,

By:   
James Condre  
Chairman, Board of Directors

ATTEST:

By

  
Fort Bend County Toll Road Authority

Brown & Gay Engineers, Inc.  
ENGINEER

By:

  
Name: David C. Johnston, P.E.

Title: Senior Vice President

**SUPPLEMENTAL AGREEMENT NO. 15  
ATTACHMENT A-1  
SCOPE OF SERVICES**

**Fort Bend Parkway Toll Road, Segment B-1**

**GENERAL:**

The work to be performed under this supplement agreement consists of revising the toll gantry details and provide additional analysis and alternatives for routing the proposed Knight Rd Regional Outfall Drainage Channel.

**A. Toll Gantry**

1. **Structure:** Prepare revised plans to construct a concrete gantry structure (columns) with a steel truss bridge, including drill shafts, footing, column details, and connection details.
2. **Tolling Conduit:** Prepare revised details for the conduit, wiring, cabinets, and electrical service. Coordinate with tolling system provider and with Centerpoint Electric for locations of equipment.
3. **Layout:** Prepare layout details showing toll structure location, revise loop locations, fiberglass reinforced pavement, driveway, concrete railing, etc.
4. **Quantities and Summary:** Calculate revised quantities for all affected pay items and prepare summary sheet of the items.
5. **Specifications:** Prepare new and revised existing specifications as needed to meet current toll provider requirements.

**B. Additional Analysis of Knight Road Outfall Channel**

1. **Analysis of Detention Pond:** Review existing drainage flows and determine size of detention pond if located in other locations. Review size of pond based on various release rates
2. **Channel width:** Based on detention pond sizing, determine the size of the outfall channel along Knight Road.
3. **Alternative Outfall Locations:** Review area and determine requirements to outfall to other locations such as Oyster Creek to the west or to the south of Watts Plantation.

FORT BEND PARKWAY TOLL ROAD

Supplemental Agreement No. 15  
Attachment B-1

TASKS	
Toll Gantry Revisions	\$ 72,000.00
Additional Knight Rd Outfall Channel Analysis	\$ 15,000.00
Total	\$ 87,000.00