

Supplemental # 2  
Work Authorization No. 1  
Contract No. Williams Drive/RM 2338

**CONTRACT FOR ENGINEERING SERVICES**  
**SUPPLEMENTAL AGREEMENT NO. 2**  
**TO THE PROFESSIONAL SERVICES AGREEMENT**

STATE OF TEXAS                                 §  
COUNTY OF WILLIAMSON                     §

WHEREAS, the *County* and the *Engineer* executed a contract on March 25, 2008 and executed Supplemental Agreement No. 1 on August 5, 2008;

WHEREAS, the not-to-exceed fee in Exhibit 1, Section 1, Item the agreement to \$242,879.76;  
and,

WHEREAS, the “*Compensation Cap*” in Exhibit 1, Section 4, Item 4.3 limits the maximum amount payable under the agreement to \$267,167.74; and,

WHEREAS, it has become necessary to amend the agreement.

## AGREEMENT

NOW, THEREFORE, premises considered, the *County* and the *Engineer* agree that said contract is amended as follows:

- I. The not-to-exceed fee in Exhibit I, Section I, Item I. I is hereby increased from \$242,879.76 to \$282,529.72.
- II. The Compensation Cap in Exhibit I, Section 4, Item 4.3 is hereby increased from \$267,167.74 to \$325,000.00.

All other provisions are unchanged and remain in full force and effect.

IN WITNESS WHEREOF, the *County* and the *Engineer* have executed this supplemental agreement in duplicate,

ENGINEER:

Kellogg Brown & Root Services, Inc.

By: *William M. Hall*  
Signature *WM*

William M. Hall

Printed Name

Vice President

Title

11/1/08  
Date

COUNTY:

Williamson County, Texas

By: *Valerie Covey*  
Signature

Valerie Covey

~~Dan A. Gattis~~

Printed Name

Commissioner Pot 3

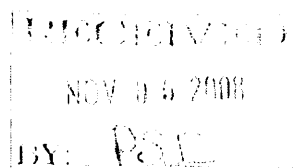
~~County Judge~~

Title

11/18/08

Date

*OK*  
*11/05/08*



Work Authorization No. 3  
Contract No. Williams Drive/RM 2338

**ATTACHMENT A  
WORK AUTHORIZATION NO. 3**

This Work Authorization is made pursuant to the terms and conditions of the Agreement entered into by and between Williamson County, Texas, a political subdivision of the State of Texas, (*the "County"*) and Kellogg Brown & Root Services, Inc., a Delaware Corporation, located at 4100 Clinton Drive, Houston, Texas 77020 (*the "Engineer"*).

**Part 1.** The *Engineer* will provide the following engineering services:

KBR, referred to in the contract as the "Engineer" shall provide the necessary engineering and technical service for preparation of Plans, Specifications and estimates (PS&E) for construction improvements to RM 2338 (Williams Drive) in Williamson County from 0.30 Mile West of FM 3405 to 3.3 Mile West of IH 35.

**Part 2.** The maximum amount payable for services under this Work Authorization without modification is \$ 39,649.96.

**Part 3.** Payment to the *Engineer* for the services established under this Work Authorization shall be made in accordance with the Agreement.

**Part 4.** This Work Authorization shall become effective on the date of final acceptance of the parties hereto and shall terminate on December 10, 2008, unless extended by a Supplemental Work Authorization.

**Part 5.** This Work Authorization does not waive the parties' responsibilities and obligations provided under the Agreement.

ATTACHMENT A (con't.)

Part 6. This Work Authorization is hereby accepted and acknowledged below.

ENGINEER:

Kellogg Brown & Root Services, Inc.

By: [Signature]  
Signature

William M. Hall TM  
Printed Name

Vice President / Director  
Title

11/4/08  
Date

COUNTY:

Williamson County, Texas

By: [Signature]  
Signature

Valerie Covey  
Dan A. Gattis  
Printed Name

Commissioner Pet 3  
County Judge  
Title

11/18/08  
Date

LIST OF EXHIBITS

Exhibit A - Services to be Provided by County

Exhibit B - Services to be Provided by Engineer

Exhibit C - Work Schedule

Exhibit D - Fee Schedule *(based on approved rates in PSA Exhibit II executed by Commissioners Court action)*

OK  
my 11/5/08

Work Authorization No. 3  
Contract No. Williams Drive/RM 2338

**Williams Drive/RM 2338- GEORGETOWN  
County: Williamson**

**EXHIBIT "A"**

**SERVICES TO BE PROVIDED BY THE COUNTY**

Services to be provided by the County will stay the same as it was in the original work authorization.

**Williams Drive- GEORGETOWN  
County: Williamson**

**EXHIBIT "B"**

**SERVICES TO BE PROVIDED BY THE ENGINEER**

KBR, referred to in the contract as the "Engineer" shall provide the necessary engineering and technical service for preparation of Plans, Specifications and estimates (PS&E) for construction improvements to RM 2338 (Williams Drive) in Williamson County from 0.30 Mile West of FM 3405 to 3.3 Mile West of IH 35.

**ROADWAY DESIGN CONTROLS (Function Code 160)**

**PLAN AND PROFILE SHEETS**

The Engineer shall design proposed profile for the widening sections. All related plan sheets and quantities shall be revised accordingly.

**DESIGN CROSS SECTIONS**

The Engineer shall create cross sections for the widening sections using the proposed profile.

Cross sections shall be created at 100 feet increments and at other locations as is appropriate or as directed by the County. Cross sections shall include cross streets, drainage structures and cross sections of existing driveways.

Cross sections are to be submitted on 11" x 17" paper with the following criteria:

- Scale: H= 1"=10'
- V= 1"= 5' (Scale should be appropriate for project)
- Station interval: 50' Desirable
  - 100' Maximum
  - Additional intervals shown as necessary for clarity.
- Offset and elevation are to be shown for each change in grade. (crown points, change in side slope, ditches, and top/toe of slopes)
- Grid is to be subtle, preferably a gray shade.
- Phasing cross sections should show phased construction with existing and proposed features distinguished clearly from current phase.
- Text is to be legible
- Ditch grade (%) is to be shown between each cross section

**DETERMINE CUT AND FILL**

The Engineer shall determine the quantities of cut and fill for each cross section.

**INTERSECTION LAYOUT**

The Engineer shall design the Intersection layout for the widening sections utilizing the proposed profile. The Engineer shall also re-design Del Webb intersection to accommodate an additional right turn lane.

Work Authorization No. 3  
Contract No. Williams Drive/RM 2338

### **DRAINAGE STRUCTURE DESIGN (Function Code 161)**

#### **HYDRAULIC ANALYSIS/DESIGN AT DEL WEBB**

The Engineer shall re-design the hydraulic structure at Del Webb to avoid conflicting with water line.

#### **RE-DESIGN DRAINAGE DITCHES**

The Engineer will redesign all drainage ditches at the widening section utilizing the proposed roadway profile.

#### **CULVERT LAYOUT**

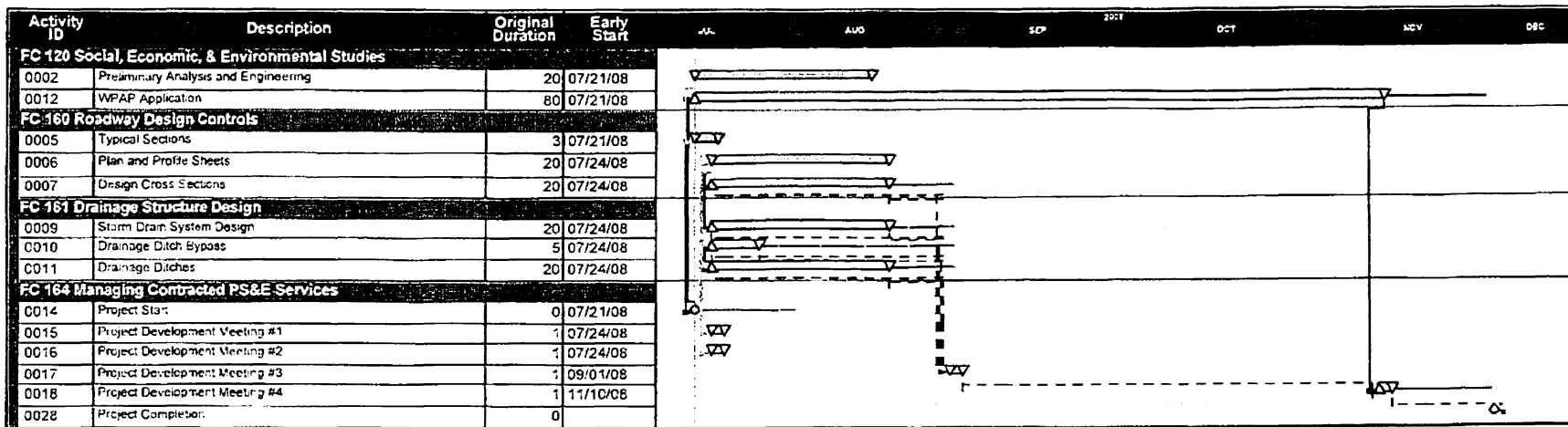
The Engineer will redesign the Culvert Layout sheets utilizing the proposed roadway profile.

### **SIGNING AND PAVEMENT MARKINGS (Function Code 162)**

The ENGINEER shall redesign the signing and marking layout for the intersection of Williams Drive at Wildwood as a signal system will be installed instead of the originally proposed flashing beacon. All the quantities for the intersection shall be updated accordingly.

### **MANAGING CONTRACTED PS&E PE SERVICES (Function Code 164)**

The Engineer will be required to attend additional four (4) Project Development Meetings to discuss the progress of the project and design issues.



Start date 07/21/08 2:00PM  
 Finish date 11/28/08 1:59PM  
 Data date 07/21/08 2:00PM  
 Run date 10/23/08 7:00AM  
 Page number 1A

KBR, Inc.  
 Work Authorization No. 3  
 Willams Drive/RM 2338 - Georgetown  
 Exhibit "C"

- △ Early start point
- ▽ Early finish point
- Early bar
- ▨ Total float bar
- ▩ Progress bar
- ▤ Critical bar
- ▥ Summary bar
- ▦ Progress point
- ▲ Critical point
- ▼ Summary point
- ◇ Start milestone point
- ◇ Finish milestone point



**EXHIBIT "D"**  
**RM 2338**

	JOB HOURS	COST W/ OVERHEAD AND FEE	DIRECT COST	TOTAL COST	PERCENTAGE OF WORK AUTHORIZATION
KBR	276	\$39,649.96	\$65.52	\$39,715.48	100.00%
TOTAL	276	\$39,649.96	\$65.52	\$39,715.48	100.00%