

Project Name: RM 620 Safety Improvements PS&E:

**CONTRACT FOR ENGINEERING SERVICES**  
**SUPPLEMENTAL AGREEMENT NO. 6**  
**TO THE PROFESSIONAL SERVICES AGREEMENT**

STATE OF TEXAS                                 §  
COUNTY OF WILLIAMSON                     §

THIS SUPPLEMENTAL AGREEMENT to contract for engineering services is by and between Williamson County, Texas, a political subdivision of the State of Texas, *(the "County")* and Half Associates, Inc. *(the "Engineer")* and becomes effective when fully executed by both parties.

WHEREAS, the *County* and the *Engineer* executed a contract on **February 14, 2007**; Supplemental #1 on March 6, 2007; Supplemental #2 on August 5, 2008; Supplemental #3 on December 23, 2008; Supplemental #4 on January 11, 2010; and Supplemental #5 on December 15, 2010.

WHEREAS, the not-to-exceed fee in Exhibit 1, Section 1, Item 1.1 as amended by Supplemental Agreement 5 limits the agreement to **\$1,935,145.85**; and,

WHEREAS, the “*Compensation Cap*” in Exhibit 1, Section 4, Item 4.3 as amended by Supplemental Agreement 5 limits the maximum amount payable under the agreement to \$2,000,000.00; and,

WHEREAS, the Hourly Rates in Exhibit II are limited to the rates noted; 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 1, Section 1, Item 1.1 is hereby increased from **\$1,935,145.85** to **\$2,066,502.85**.
- II. The Compensation Cap in Exhibit 1, Section 4, Item 4.3 is hereby increased from **\$2,000,000.00** to **\$2,200,000.00**.

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

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

**ENGINEER:**

By: Michael A. Moya  
Signature

Michael A. Moya  
Printed Name

Vice-President  
Title

7/5/2011  
Date

**COUNTY:**

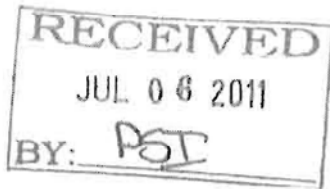
By: Lisa L. Birlman  
Signature

Don A. Gattis Lisa L. Birlman  
Printed Name

County Judge Presiding Commissioner  
Title

7/12/11  
Date

OK  
m 7/5/2011



Project Name: RM 620 Safety Improvements PS&E

**ATTACHMENT A**

**SUPPLEMENTAL NO. 2 TO  
WORK AUTHORIZATION NO. 5**

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 Halff Associates, Inc. (*the "Engineer"*).

**Part 1.** The *Engineer* will provide the following engineering services: Field surveying, geotechnical testing and analysis, traffic engineering and analysis of potential median openings, and design of City of Round Rock waterline adjustments

**Part 2.** The maximum amount payable for services under this Work Authorization without modification is \$67,103.00.

**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 31, 2011, unless extended by a Supplemental Work Authorization.

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

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**ATTACHMENT A (con't.)**

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

ENGINEER:  
Halff Associates, Inc

COUNTY:  
Williamson County, Texas

By: Michael A. Moya  
Signature

By: \_\_\_\_\_  
Signature

Michael A. Moya  
Printed Name

Dan A. Gattis  
Printed Name

Vice-President  
Title

County Judge  
Title

7/5/2011  
Date

\_\_\_\_\_  
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  
M 7/5/2011

**WORK AUTHORIZATION #5  
SUPPLEMENTAL AGREEMENT #2**

**EXHIBIT A**

**SERVICES PROVIDED BY THE COUNTY**

**FOR**

**PROFESSIONAL SERVICES FOR  
RM 620 SAFETY IMPROVEMENTS  
IN WILLIAMSON COUNTY**

**FROM CORNERWOOD TO WYOMING SPRINGS**

**Services to be provided by the County or the GEC**

See Work Authorization 5 for Information Services by Williamson County.

**Informational Services by County**

See Work Authorization 5 for Information Services by Williamson County.

**Coordination Services by County**

See Work Authorization 5 for Coordination Services by Williamson County.

**WORK AUTHORIZATION #5  
SUPPLEMENTAL AGREEMENT #2**

**EXHIBIT B**

**SERVICES PROVIDED BY ENGINEER**

**FOR**

**PROFESSIONAL SERVICES FOR  
RM 620 SAFETY IMPROVEMENTS  
IN WILLIAMSON COUNTY**

**RM 620**

**IN WILLIAMSON COUNTY**

**FROM CORNERWOOD TO WYOMING SPRINGS**

Scope of Services for this Supplemental Agreement provided by Halff Associates, herein referred to as "Engineer" for Williamson County, herein referred to as "County", and involves project management in support of geotechnical testing, field surveying, traffic engineering and analysis, and design of City of Round Rock water lines. Also this scope of services includes roadway design services to revise plans, specifications and estimates and engineering associated with median openings along the RM 620 Highway in Williamson County, Texas from Cornerwood Drive to Wyoming Springs Drive. Additionally this scope of services provides for signal design services to incorporate the permanent signal at O'Connor Drive and to remove the temporary signal at O'Connor Drive.

**This engineering scope for this Supplemental Agreement includes the following major tasks:**

- Project Management Services
- Revisions to PS&E for the addition of a WB PGL and TCP phasing changes
- Preparation of miscellaneous exhibits and supporting information related to potential median openings and improved access to H-E-B from Smyers Lane and O'Connor
- Revisions to PS&E for signal design at O'Connor Drive

**TASK 1 - PROJECT MANAGEMENT AND COORDINATION**

Engineer, in association with the Williamson County Road Bond Manager, herein referred to as "Contract Manager", and the County's General Engineering Consultant (HNTB Corporation), herein referred to as the "GEC", will be responsible for completing/coordinating activities associated with additional services for RM 620 from Cornerwood Drive to Wyoming Springs. The scope of additional services is summarized above and described in detail as the following tasks:

**1.1 - Monthly Progress Reports, Invoices, and Billings**

For the additional work to be performed, Engineer will prepare Monthly Progress Reports and advise the GEC of with regard to the progress of the geotechnical testing, temporary pavement

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SUPPLEMENTAL AGREEMENT #2**

design, traffic studies, PS&E revisions and the preparation of exhibits and supporting information related to potential median openings and improved access to H-E-B from Smyers Lane and O'Connor. These Reports will include, but not be limited to:

- A. TASKS completed during the reporting period.
- B. TASKS/Objectives planned for upcoming periods.
- C. Problems encountered and the actions to remedy them.
- D. Overall Project status, including a tabulation of TASK percentage complete, management schedule indicating Project development progress, and supporting documentation.

For the additional work; Engineer and sub-consultant invoices will be submitted to the GEC.

Deliverables

- Progress Report (1 copy per Invoice/Billing).
- Invoices (1 copy per Billing).

**1.2 - Coordination/Administration**

For the additional work to be performed, Engineer will oversee preparation of documents and manage Project activities:

- A. Coordination. Correspondence and coordination will be handled through, and with the concurrence of, the GEC.
- B. Lines of Communication. Communications between the Engineer and the County is via the GEC unless otherwise directed by the GEC or County. Engineer shall designate one Texas Registered Professional Engineer as the Project (Services) Manager responsible for Project management and all GEC Communications.
- C. Administration. Engineer will manage Project activities (including scheduled/unscheduled meetings), direct Engineer's team/staff correspondence with County, and assist the County in preparing responses to Project-related internal/external inquiries.
- D. Project Meetings. For the work to be performed 2 meetings involving Engineer are forecasted with geotechnical subconsultant and the GEC:

Deliverables

- All incoming correspondence (1copy).
- All outgoing correspondence (1 copy).
- Original (Project) files (1copy).

**TASK 2 - REVISIONS TO PS&E FOR WB PROFILE AND TCP CHANGES**

The Engineer will revise the PS&E to add a westbound (WB) profile grade line (PGL) as required during the review process. This is a change in scope from the previous scope and direction to only mill and overlay the WB lanes. Also to address comments and

- 2.1 Revise the traffic control plan phasing of the multiple box Culvert 4 located at approximate station 395+00 as directed by TxDOT at the 90% review meeting.
- 2.2 Additional plan sheets and phasing required to adequately control traffic
- 2.3 Establish a WB PGL, verify 45 mph criteria is met, verify the existing pavement depth is not reduced, and modify schematic drawings post 100% submittal to add WB PGL
- 2.4 Modifications to typical section sheets a result of the addition of a WB PGL



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SUPPLEMENTAL AGREEMENT #2**

- 2.5 Additional (dual) profile sheets as a result of the addition of a WB PGL
- 2.6 Revisions to roadway plan sheets as a result of the addition of a WB PGL
- 2.7 Additional evaluation of the TCP and modifications to the TCP typical sections and linework as a result of the addition of a WB PGL
- 2.8 Revisions to working roadway cross sections as a result of the addition of a WB PGL

**TASK 3 – MISCELLANEOUS SUPPORT TASKS**

- Met with County and GEC to review previously prepared exhibits of median openings.
- Prepared new exhibit to match schematic and show median openings at preferred locations.
- Prepared alternatives and exhibits for connecting HEB to Smyers Lane including:
  - Potential ROW needs
  - Traffic considerations
  - Impacts to adjacent properties
  - Research of existing utilities and impacts of the various alternatives
- Examined the existing left turn bay from southbound O'Connor into the HEB including:
  - Existing storage and traffic counts / queue lengths
  - Feasibility and impacts of lengthening the turn bay for future storage needs

**TASK 4 – TRAFFIC SIGNAL REVISIONS**

The Engineer will revise the PS&E plan set to include the proposed permanent traffic signal at O'Connor Drive and remove the temporary traffic signal at O'Connor Drive. The work will entail:

1. Develop file data transfer to WILCO GEC for delivery to Klotz-temporary signal design files.
2. Receive and document data transfer from WILCO GEC previous permanent signal design at O'Connor Drive-prepared by others-for use by Halff to provide a permanent traffic signal design at O'Connor Drive.
3. Provide design services to provide the O'Connor permanent traffic signal design.
4. Revise quantities and summaries and estimates to remove the temporary traffic signal and to insert the permanent traffic signal.
5. Coordination with third party designer to facilitate the data transfer of electronic files.
6. Internal coordination/coordination with WILCO GEC/TXDOT.

ANY ADDITIONAL SERVICES REQUIRED BEYOND THOSE SPECIFICALLY IDENTIFIED IN THIS PROPOSAL ARE BEYOND THE SCOPE OF SERVICES TO BE PROVIDED UNDER THIS WORK AUTHORIZATION. ANY REQUIRED ADDITIONAL SERVICES WILL BE SEPARATELY IDENTIFIED AND NEGOTIATED AND SUCH ADDITIONAL SCOPE AND COMMENSURATE FEE WILL BE AUTHORIZED UNDER A SUPPLEMENTAL AGREEMENT.



**WORK AUTHORIZATION #5  
SUPPLEMENTAL AGREEMENT #2**

**EXHIBIT C**

**SCHEDULE OF SERVICES PROVIDED BY ENGINEER  
FOR  
PROFESSIONAL SERVICES FOR  
RM 620 SAFETY IMPROVEMENTS  
IN WILLIAMSON COUNTY  
FROM CORNERWOOD TO WYOMING SPRINGS**

The following is the general work outline.

- |  |           |
|--|-----------|
| ♦ Revisions to PS&E                            | Complete  |
| ♦ Miscellaneous support tasks                  | On-going  |
| ♦ Revision of plans at O'Connor traffic signal | mid July* |

\* Timeframe is dependent upon data transfer from third party (CAD files from Klotz Associates). Schedule for traffic signal revisions is dependent upon receipt of data transfer and receipt of any additional comments from TxDOT.

Expand O R M 020 LAD 10 YRS add signal if encounter after.