

Project Name: County Road Roadside Landscape Specifications

CONTRACT FOR ENGINEERING SERVICES
SUPPLEMENTAL AGREEMENT NO. 1
TO THE PROFESSIONAL SERVICES AGREEMENT

STATE OF TEXAS §
COUNTY OF WILLIAMSON §

THIS SUPPLEMENTAL AGREEMENT to contract for professional landscape architectural services is by and between Williamson County, Texas, a political subdivision of the State of Texas, (*the "County"*) and TBG Partners (*the "Landscape Architect"*) and becomes effective when fully executed by both parties.

WHEREAS, the *County* and the *Landscape Architect* executed a contract on 23 June 2009;

WHEREAS, the not-to-exceed fee in Exhibit 1, Section 1, Item the agreement to \$214,460.00; and,

WHEREAS, the “*Compensation Cap*” in Exhibit 1, Section 4, Item 4.3 limits the maximum amount payable under the agreement to \$500,000.00; 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. I is hereby increased from \$214,460.00 to \$736,058.00.
- II. The Compensation Cap in Exhibit 1, Section 4, Item 4.3 is hereby increased from \$500,000.00 to \$1,000,000.00.
- III. The hourly Rates in the original Exhibit II remain unchanged.

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

Project Name: County Road Roadside Landscape Specifications

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

LANDSCAPE ARCHITECT:

By: Sean Compton

Signature

SEAN COMPTON

Printed Name

PRINCIPAL

Title

11-11-2009

Date

COUNTY:

By: Lisa Birlman

Signature

Lisa Birlman

Printed Name

Williamson Co. Comm., Pct. 1

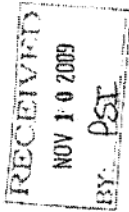
Title

11-17-09

Date

OK
my 11/24/09

January 9, 2007 Commissioner Court Approved



ATTACHMENT A

WORK AUTHORIZATION NO. 4

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 The Broussard Group, Inc., dba TBG Partners (*the "Landscape Architect"*).

Part 1. The *Landscape Architect* will provide the following Landscape Architecture services:

The Scope of Work to be performed by the Landscape Architect under this contract will consist of corrective landscape design services related to underperforming roadside landscape areas in the Ronald Reagan Boulevard ROW constructed from FM 2243 to FM 2238 - South Phase 2, North Phase 1 and North Phase 2 (the Project). The corrective measures provided in this work are to address erosion and sedimentation issues on side slopes and drainage channels within the ROW. Final design preparation of plans, specifications, & estimates (PS&E) will be developed for the corrective measures.

Part 2. The maximum amount payable for services under this Work Authorization without modification is \$198,845. / 8-13

Part 3. Payment to the *Landscape Architect* 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 in 336 days, unless extended by a Supplemental Work Authorization.

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

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

EXECUTED this ____ day of _____, 200__.

LANDSCAPE ARCHITECT:
The Broussard Group, Inc.,
dba TBG Partners

COUNTY:
Williamson County, Texas

By: Sean Compton
Signature

Sean Compton
Printed Name

Principal
Title

Joe Agubman
Signature

Printed Name

County Judge Commissioner
Title

LIST OF EXHIBITS

- Exhibit A - Services to be Provided by County
- Exhibit B - Services to be Provided by Landscape Architect
- Exhibit C - Work Schedule
- Exhibit D - Fee Schedule

OK 1/10/07

WORK AUTHORIZATION NO. 4
EXHIBIT A

SERVICES TO BE PROVIDED BY THE COUNTY

PROJECT: RONALD REAGAN BLVD
SECTION 1 & 2 ROADSIDE CORRECTIVE MEASURES
COUNTY: WILLIAMSON
LENGTH: 12 MILES

In conjunction with the services to be provided by the LANDSCAPE ARCHITECT, as described in Exhibit B, the County shall provide the following:

1. A General Consulting Engineer to serve as the primary point of contact for the Landscape Architect, through the County, for the project.
2. Timely reviews and approval of project submissions.
3. Timely decisions to maintain an agreed upon project schedule.
4. Assistance in obtaining information from local, regional state and federal agencies, as necessary.

WORK AUTHORIZATION NO. 4
EXHIBIT B

SERVICES TO BE PROVIDED BY THE LANDSCAPE ARCHITECT

PROJECT: RONALD REAGAN BLVD
SECTION 1 & 2 ROADSIDE CORRECTIVE MEASURES
COUNTY: WILLIAMSON
LENGTH: 12 MILES

The Scope of Work to be performed by the Landscape Architect under this contract will consist of corrective landscape design services related to underperforming roadside landscape areas in the Ronald Reagan Boulevard ROW constructed from FM 2243 to FM 2238 - South Phase 2, North Phase 1 and North Phase 2 (the Project). The corrective measures provided in this work are to address erosion and sedimentation issues on side slopes and drainage channels within the ROW. The Landscape Architect will coordinate its work with the County's General Consulting Engineer and the County Engineer. Final design preparation of plans, specifications, & estimates (PS&E) will be developed for the corrective measures. Itemization of scope of the work will be as follows:

Description of Services by the Landscape Architect

1. Project Management
This task will include the following activities:
 - a. Coordination with Williamson County and Williamson County representatives
 - b. Contract administration
 - c. Coordination with ecologist subconsultant
 - d. Coordination with engineering and construction-related subconsultants
 - e. Coordination with Section 3 Ronald Reagan Blvd Consulting Engineer to incorporate work into PS&E.

Deliverables: N/A

2. Roadside channel hydrology and hydraulic study. Conduct hydrology and hydraulic study on critically eroded drainage channels, located within 12 drainage areas.
 - a. Review existing PS&E drainage maps and channel data (cross sections, drainage plans, drainage calculations)
 - b. Perform hydrologic analysis to calculate discharges of drainage areas impacting drainage channels to determine flow rates in roadside ditches and channels. Study to be based on existing roadway plans and available contour data.

- c. Prepare hydraulic models at cross streets, driveways, and confluence of drainage channels and roadside ditches to determine the velocity of runoff in the channels and ditches.
- d. Identify areas with high velocity issues; quantify flow speeds

Deliverables: Drainage calculations, high velocity problem areas, identify flow speeds at problem areas.

3. Field assessment. Conduct detailed field assessment of underperforming roadside landscape site conditions (update from July 2009 general field assessment). Map existing underperforming roadside problem locations on existing PS&E documents provided by HNTB, to identify areas of excessive erosion and sedimentation in need of repair.

Deliverables: Prepare detailed map of roadside issues.

4. Roadside corrective measures PS&E development. Based on drainage channel velocity data and field assessment; prepare roadside plans that provide corrective measures to address current underperforming roadside project conditions for the Ronald Reagan Boulevard ROW constructed from FM 2243 to FM 2238.

Prepare landscape plans and specifications for repair of underperforming roadsides for inclusion in Section 3 final design preparation of plans, specifications, & estimates (PS&E), to be publicly bid (prepared by others). Scope of work to include material selection, installation techniques and/or placement of temporary and permanent erosion and sedimentation measures that may include the following:

- Regrading of drainage channels damaged by erosion or sedimentation
- Low-nutrient compost and erosion control compost
- Rock berm and fiber roll
- Soil retention blanket
- Native plant revegetation

- a. Provide quantities of materials and layout and location of corrective measures on design drawings.
- b. Prepare technical specifications of proposed materials, installation methods and maintenance requirements for corrective measure items that are not typically specified in Williamson County.
- c. Distribute review set of drawings for review by the County. Based on County input, finalize drawings. Provide final design documents to Consulting Engineer for inclusion in PS&E documents for Section 3 of Ronald Reagan Boulevard.

Deliverables:

- PS&E for review at 90%, 100% and Final Mylar Submittal*
90% Submittal will contain the following:
- Full set of plan sheets with quantities and standards
 - Preliminary construction cost estimate

- Preliminary list of bid items
- 100% submittal will include:
 - All items of 90% submittal with corrections from the 90% review
 - CD's containing PDFs of all sheet files within the plans
- Meetings with County representatives (max of three (5) meetings) to review and discuss project.
- These services will constitute a set of documents for public bidding. The level of accuracy of quantities and cost estimates will be limited due to lack of as-built survey data. TBG is not responsible for the accuracy of electronic file survey base information provided by others.

5. Bid Phase Services. Attend pre-bid meeting. Respond to requests for information during the bidding and contract negotiations. Provide proper and timely information and clarifications. Develop Addendums as requested. Review and evaluate bids, and recommend a Bidder.

Deliverables: Attend pre-bid meeting. Answer bidder questions, prepare addenda as required. Meeting with the County representatives to review and comment on bid tabulations and contractor recommendations. A maximum of three (3) meetings with the County representatives for this phase of work.

6. Construction Phase Services. Respond to requests for information. Attend preconstruction meeting and provide information on roadside protocol. Conduct construction observation of installation of corrective measures. Provide field notes and recommendations to HNTB and the County.

Deliverables: Pre-construction conference, respond to RFI's, up to thirty (30) periodic construction visits up to project acceptance. For each visit, submit field notes and photographic and written record to describe construction sequencing.

7. Roadside maintenance technical specifications. Prepare maintenance specification recommendations for on-going maintenance of entire 12-mile section of Ronald Reagan Boulevard (FM 2243 to FM 2238) for County maintenance staff.

Deliverables: Roadside maintenance recommendations on mowing and invasive species control.

8. Conduct roadside construction monitoring to assess the success of the proposed corrective measures. Conduct up to ten (10) periodic site visits over a six-month period after final acceptance of the project to assess the ecological health and success of the project.

Deliverables: Conduct up to 10 site visits over a 6-month period. Prepare photographic and written report for each visit. Prepare summary report at end of 6-month period.

9. Services not included.
- Environmental documentation
 - Storm water pollution prevention plans
 - Permits and approvals
 - Field surveying of existing field conditions

- Cross sections of drainage channels
- Earthwork quantities
- Project Manual for bidding purposes, including general conditions and requirements
- Distribution of plan sets for bidding purposes



Exhibit D - Fee Schedule

Work Authorization No. 4 - Ronald Reagan Blvd Sec 1 & 2 Roadside Corrective Measures

Prepared November 2, 2005		Project Principal	Project Manager	Landscape Architect	Consultation Design and Public Involvement Specialist	Junior Design and Public Involvement Specialist	Environmental Designer	Drafting / Technician	Clerical / Administrative
Task Description		\$150/hr	\$100/hr	\$80/hr	\$35/hr	\$60/hr	\$70/hr	\$30/hr	\$45/hr
Task 1 Project Management - 68 weeks		18	8						24
A. Coordination with County									
B. Contract administration									
C. Coordination with Subconsultants									
D. Coordination with Section 3 Consulting Engineer									
Task 1 - Subtotal		\$2,400.00	\$800.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,080.00
Task 1 - Grand Total		\$4,200.00							
Task 2 Roadside channel hydrology and hydraulic study - 2 weeks		4	4	8					
A. Review existing PS&E drainage area maps, channel data									
B. Calculate hydrologic discharges of both on-site and off-site drainage areas									
C. Prepare hydraulic modeling									
D. Identify areas with high velocity issues									
E. Quantify flow speeds									
Task 2 - Subtotal		\$600.00	\$400.00	\$640.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Task 2 - Grand Total		\$1,640.00							
Task 3 Field Assessment - 2 weeks		18	54	24				8	8
A. Conduct detailed field assessment of underperforming roadways									
B. Prepare detailed map of field conditions									
Task 3 - Subtotal		\$2,600.00	\$5,400.00	\$1,820.00	\$0.00	\$0.00	\$0.00	\$400.00	\$360.00
Task 3 - Grand Total		\$10,480.00							
Task 4 Roadside corrective measures PS&E development - 8 weeks		54	183	108			50	175	26
A. Roadside plan sheets									
B. General notes									
C. Title sheet and index									
D. Estimate and quantities									
E. Standard details									
F. Specification development									
G. Construction schedule									

- H. Drainage channel erosion & sedimentation control measures
- I. Side slope erosion & sedimentation control measures
- J. Summary of quantities
- K. PS&E GC/CA
- L. County review meetings

Task 4 - Subtotal	\$8,100.00	\$18,500.00	\$13,280.00	\$0.00	\$0.00	\$1,500.00	\$8,750.00	\$1,080.00
Task 4 - Grand Total	\$50,240.00							

Task 5 Bidding Phase Services - 3 weeks	8	14	12				24	8
A. Attend Pre-bid meeting								
B. Answer bidder questions								
C. Develop addendum								
D. Review bids								
E. Evaluate and recommend bidder								
Task 5 - Subtotal	\$1,200.00	\$1,400.00	\$360.00	\$0.00	\$0.00	\$0.00	\$1,200.00	\$360.00
Task 5 - Grand Total	\$1,120.00							

Task 6 Construction Phase Services - 12 weeks	18	22	19				22	8
A. pre-construction conference								
B. Respond to RFI's								
C. (00) periodic construction visits								
Task 6 - Subtotal	\$2,700.00	\$3,200.00	\$15,600.00	\$0.00	\$0.00	\$0.00	\$1,800.00	\$300.00
Task 6 - Grand Total	\$22,460.00							

Task 7 Roadside maintenance technical specifications - 2 weeks	4	16	12					
A. Prepare maintenance specifications on mowing and invasive								
Task 7 - Subtotal	\$600.00	\$1,600.00	\$960.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Task 7 - Grand Total	\$2,160.00							

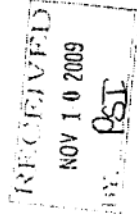
Task 8 Roadside Construction Monitoring - 24 weeks	8	8	8					
A. Conduct 10 periodic site visits & reports								
B. Summary report								
Task 8 - Subtotal	\$1,200.00	\$800.00	\$5,440.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Task 8 - Grand Total	\$1,440.00							

Direct Cost - Ecologist Subcontract with Lady Bird Johnson Wildflower Center

Task 2	\$2.00
Task 3	\$7,400.00
Task 4	\$4,950.00
Task 5	\$1,600.00
Task 6	\$3,040.00
Task 7	\$4,640.00

Task 8	\$1,400.00
	\$27,940.00
Direct Cost - Civil Engineer Subcontract with Pete Engineering	
Task 2	\$23,535.00
Task 3	\$8,455.00
Task 4	\$7,445.00
Task 5	\$1,894.00
Task 6	\$5,491.00
Task 7	\$2,581.00
Task 8	\$5,894.00
	\$55,615.00
Direct Cost - Auto Mileage, Reproduction and Printing, Delivery, Hylars	
	\$7,400.00
WORK AUTHORIZATION # 4 SUMMARY:	
Total Project Expense - TBD Partners	\$138,790.00
Total Project Expense - Subconsultants	\$82,655.00
Total Direct Expenses	\$7,400.00
Total Work Authorization # 4 Cost	\$198,845.00

January 9, 2007 Commissioner Court Approved



ATTACHMENT A

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 The Broussard Group, Inc., dba TBG Partners (the "Landscape Architect").

Part 1. The *Landscape Architect* will provide the following Landscape Architecture services: The Scope of Work to be performed by the Landscape Architect under this contract will consist of The Scope of Work to be performed by the Landscape Architect under this contract will consist of providing guidance to the Consulting Engineer to establish a Williamson County Roadside Protocol for the following projects:

- Section 3 of Ronald Reagan Boulevard – 100% complete PS&E 75% - P-211
- Section 4 of Ronald Reagan Boulevard – est. 50% complete PS&E 25% - P-196

Part 2. The maximum amount payable for services under this Work Authorization without modification is \$107,110.

Part 3. Payment to the *Landscape Architect* 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 in 84 days, unless extended by a Supplemental Work Authorization.

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

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

January 9, 2007 Commissioner Court Approved

EXECUTED this ____ day of ____, 200__.

LANDSCAPE ARCHITECT:
The Broussard Group, Inc.,
dba TBG Partners

COUNTY:
Williamson County, Texas

By: TBG Partners
Signature

Sean Compton
Printed Name

Principal
Title

[Signature]
Signature

Printed Name
County Judge
Title

LIST OF EXHIBITS

- Exhibit A - Services to be Provided by County
- Exhibit B - Services to be Provided by Landscape Architect
- Exhibit C - Work Schedule
- Exhibit D - Fee Schedule

OK 1/11/09
[Signature]

WORK AUTHORIZATION NO. 5
EXHIBIT A

SERVICES TO BE PROVIDED BY THE COUNTY

PROJECT: RONALD REAGAN BLVD
SECTION 3 & SECTION 4 ROADSIDE PS&E RECOMMENDATIONS
COUNTY: WILLIAMSON
LENGTH: 5.1 MILES (SECTION 3)
5.8 MILES (SECTION 4)

In conjunction with the services to be provided by the Landscape Architect, as described in Exhibit B, the County shall provide the following:

1. A Project Manager, to serve as the primary point of contact for the project for the Consulting Engineer.
2. General Consulting Engineer to serve as the primary point of contact for the Landscape Architect, through the County, for the project.
3. Timely reviews and approval of project submissions.
4. Timely decisions to maintain an agreed upon project schedule.

WORK AUTHORIZATION NO. 5
EXHIBIT B

SERVICES TO BE PROVIDED BY THE LANDSCAPE ARCHITECT

PROJECT: RONALD REAGAN BLVD
SECTION 3 & SECTION 4 ROADSIDE PS&E RECOMMENDATIONS
COUNTY: WILLIAMSON
LENGTH: 5.1 MILES (SECTION 3)
5.8 MILES (SECTION 4)

The Scope of Work to be performed by the Landscape Architect under this contract will consist of providing guidance to the Consulting Engineer to establish a Williamson County Roadside Protocol for the following projects:

- Section 3 of Ronald Reagan Boulevard – 100% complete PS&E
(Consulting Engineer: Stanley Consultants)
- Section 4 of Ronald Reagan Boulevard – est. 50% complete PS&E
(Consulting Engineer: AECOM)

Itemization of scope of the work will be as follows:

1. Project Management
This task will include the following activities:
 - a. Coordination with Williamson County and Williamson County representatives
 - b. Coordination with Consulting Engineers for Section 3 and Section 4
 - c. Contract administration
 - d. Coordination with ecologist subconsultant
 - e. Coordination with engineering and construction-related subconsultant

Deliverables: N/A

2. Review 100% complete Section 3 PS&E project. Review project to gain design understanding and project conditions of roadides.
 - f. Review geo-technical report to assess soil conditions.
 - g. Review proposed roadside design for Section 3 roadway corridor, including limits of construction, grading, hydrology and hydraulic study, environmental assessment and temporary and permanent erosion and sedimentation controls.

Deliverables: N/A.

3. Identify potential Section 3 roadside design, construction and maintenance issues. Issue Roadside Protocol recommendations including construction phase and maintenance Best Management Practices (BMPs) to Section 3 Consulting Engineer to address roadside issues.

Deliverables: Report identifying potential issues; Roadside Protocol recommendations including construction phase and roadside maintenance phase BMPs, including temporary and permanent erosion and sedimentation controls for Section 3.

4. Review Section 3 PS&E change order. Answer questions from Section 3 Consulting Engineer related to Roadside Protocol. Review change order for applicability of BMPs incorporating Roadside Protocol.

Deliverables: Report with Roadside Protocol recommendations on change order to Section 3.

5. Project introduction to Roadside Protocol on Section 4. Meet with Consulting Engineer to discuss Roadside Protocol and become familiar with status of roadway project.

- Review status of roadway project including project conditions of roadides
- Review findings of geo-technical report to assess soil conditions
- Review proposed roadside design, including limits of construction, grading, hydrology and hydraulic study, environmental assessment and temporary and permanent erosion and sedimentation controls.
- Issue Design Phase BMPs for application on project
- Answer questions by Consulting Engineer

Deliverables: Meeting with Section 4 Consulting Engineer to discuss project. Identify additional information if required to establish Roadside Protocol for Section 4. Roadway design phase recommendations, including BMP practices, including:

- *Environmental assessment*
- *Grading design*
- *Roadside channel hydrology and hydraulic study*
- *Limits of construction and soils management plan*
- *Dynamic erosion control plan*

6. Identify potential Section 4 roadside design, construction and maintenance issues. Prepare Roadside Protocol recommendations including construction phase and maintenance BMPs to address roadside issues. Meeting with Section 4 Consulting Engineer to discuss.

Deliverables: Report identifying potential issues; recommendations including construction phase and roadside maintenance phase BMPs, including temporary and permanent erosion and sedimentation controls for Section 4.

7. Review Section 4 PS&E documents. Review and comment on 60% and 90% complete PS&E documents for applicability of BMPs incorporating Roadside Protocol. Answer questions from Consulting Engineer.

Deliverables: Report listing comments and recommendations to incorporate Roadside Protocol for Section 4 at 60 % complete and 90% complete. Respond to questions from Section 4 Consulting Engineer.

8. Prepare maintenance recommendations for Section 3 & 4. Issue recommendations for maintaining Roadside Protocol.

Deliverables: Maintenance recommendations on maintaining roadside protocol for both Sections 3 and Section 4.

Note: Professional services during the construction phase of Section 3 and Section 4 is not included in this Work Authorization # 5.

Exhibit C - Work Schedule
 Work Authorization No. 5 - SECTION 3 SECTION 4 ROADSIDE PS - E RECOMMENDATIONS

Actual Start Date: 11/16/09

PROJECT NAME: Work Authorization #5

WBS	TASKS	RESOURCES	PLANNED START DATE	PLANNED FINISH DATE	2009																											
					2009				2009				2009				2009				2009				2009							
					Year	Month	Week #	Calendar	Days	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1.1	Coordination with County		11/16/09	2/7/10			1	11/16	86																							
1.2	Coordination with Consulting Engineers for Section 3 and Section 4						2	11/23																								
1.3	Contract administration						3	12/07																								
1.4	Coordination with Subconsultants						4	12/14																								
2.1	Review roadside conditions of Section 3 roadway corridor		11/16/09	11/23/09			14	11/23																								
2.2	Review proposed roadside design for Section 3 roadway corridor						14	11/23																								
3.1	Identify design, construction & maintenance issues		11/30/09	12/1/09			14	11/30																								
3.2	Issue Roadside Protocol recommendations, Inc. BMPs						14	11/30																								
4.1	Answer questions related to Roadside Protocol		1/4/10	1/17/10			14	1/4/10																								
4.2	Review CD for applicability of BMPs incorporating Roadside Protocol						14	1/4/10																								
5.1	Review project conditions of roadides		11/16/09	11/23/09			14	11/23																								
5.2	Review proposed roadside design						14	11/23																								
5.3	Issue Design Phase BMPs for application on project						14	11/23																								
6.1	Prepare recommendations including construction phase and maintenance BMPs		11/23/09	12/3/09			14	11/23																								
6.2	Meeting with Section 4 Consulting Engineer to discuss						14	11/23																								
7.1	Review 60% PS&E; issue roadside protocol recommendations		1/4/10	1/17/10			14	1/4/10																								
7.2	Review 50% PS&E; issue roadside protocol recommendations						14	1/4/10																								
7.3	Respond to questions from Section 4 Consulting Engineer						14	1/4/10																								
8.1	Prepare maintenance recommendations for both projects		1/16/10	2/7/10			21	1/16																								

Timely reviews and approvals of project submissions are necessary to maintain the project schedule. Timely decisions are necessary to maintain the project schedule.

Outside delays do not count against work schedule; for example, if review of proposed specifications got delayed during public review, such actions shall not count against the work schedule for the project



Exhibit D - Fee Schedule

Work Authorization No. 5 - Ronald Reagan Section 3 & Section 4 Roadside PS&E Recommendations

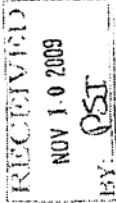
Prepared November 9, 2009		Project Principal	Project Manager	Landscape Architect	Senior Design and Public Involvement Specialist	Junior Design and Public Involvement Specialist	Environmental Designer	Drafting / Technician	Clerical / Administrative
Task Description		\$150/hr	\$100/hr	\$80/hr	\$90/hr	\$60/hr	\$70/hr	\$50/hr	\$45/hr
Task 1 Project implementation for Sec 3 & 4 - 12 weeks		12	18						8
A. Coordination with County									
B. Coordination with Consulting Engineers for Section 3 and Section 4									
C. Contract administration									
D. Coordination with Subcommittees									
Task 1 - Subtotal		\$1,800.00	\$1,800.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$360.00
Task 1 - Grand Total		\$3,960.00							
Task 2 Review 100% complete Section 3 PS&E project - 2 weeks		12	18	24					
A. Review roadside conditions of Section 3 roadway corridor									
B. Review proposed roadside design for Section 3 roadway corridor									
Task 2 - Subtotal		\$1,800.00	\$1,800.00	\$1,920.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Task 2 - Grand Total		\$5,320.00							
Task 3 Identify potential Section 3 roadside issues - 2 weeks		12	24	36					8
A. Identify design, construction & maintenance issues									
B. Issue Roadside Protocol recommendations, inc. BMPs									
Task 3 - Subtotal		\$1,800.00	\$2,400.00	\$2,880.00	\$0.00	\$0.00	\$0.00	\$0.00	\$270.00
Task 3 - Grand Total		\$7,250.00							
Task 4 Review Section 3 PS&E change order - 2 weeks		10	25	34					8
A. Answer questions related to Roadside Protocol									
B. Review CO for applicability of BMPs incorporating Roadside Protocol									
Task 4 - Subtotal		\$1,500.00	\$2,500.00	\$2,720.00	\$0.00	\$0.00	\$0.00	\$0.00	\$360.00
Task 4 - Grand Total		\$7,180.00							
Task 5 Project introduction to Roadside Protocol on Section 4 - 2 weeks		15	22	28				8	8
A. Review project conditions of roadides									
B. Review proposed roadside design									

•

Direct Cost - Auto Millage, Reproduction and Printing,
Delivery,
WORK AUTHORIZATION # SUSA MATT
Total Project Expense - TRB Partners
Total Project Expense - Subconsultants
Total Direct Expenses

\$250,000
\$45,000
\$25,000
\$25,000
\$107,100.00

January 9, 2007 Commissioner Court Approved



ATTACHMENT A

WORK AUTHORIZATION NO. 6

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 The Broussard Group, Inc., dba TBG Partners (the "Landscape Architect").

Part 1. The *Landscape Architect* will provide the following Landscape Architecture services: The Scope of Work to be performed by the Landscape Architect under this contract will consist of providing guidance to the Consulting Engineer to establish a Williamson County Roadside Protocol for the following projects:

- US 183A pass-through project - 100% PS&E Plan Set 0273-04-026 [25%]
- RM 2338 project - 100 % PS&E Plan Set 2211-01-023 [25%]
- CR 214 project - 100% PS&E Plan Set P-169 [25%]
- O'Connor Drive Extension project - 100 % PS&E P-127 [25%]

Part 2. The maximum amount payable for services under this Work Authorization without modification is \$127,793.

Part 3. Payment to the *Landscape Architect* 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 in 98 days, unless extended by a Supplemental Work Authorization.

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

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

January 9, 2007 Commissioner Court Approved

EXECUTED this ____ day of _____, 200__.

LANDSCAPE ARCHITECT:
The Broussard Group, Inc.,
dba TBG Partners

COUNTY:
Williamson County, Texas

By: TBG Partners
By: Sean Compton
Signature

Sean Compton
Printed Name

Principal
Title

[Signature]
Signature

County Judge
Title
Commissioner

LIST OF EXHIBITS

- Exhibit A - Services to be Provided by County
- Exhibit B - Services to be Provided by Landscape Architect
- Exhibit C - Work Schedule
- Exhibit D - Fee Schedule

OK 1/11/07
[Signature]

WORK AUTHORIZATION NO. 6
EXHIBIT A

SERVICES TO BE PROVIDED BY THE COUNTY

PROJECT: ROADSIDE PROTOCOL GUIDANCE FOR US 183A, RM 2338, CR 214 &
O'CONNOR EXTENSION PROJECTS
COUNTY: WILLIAMSON

In conjunction with the services to be provided by the LANDSCAPE ARCHITECT, as described in Exhibit B, the County shall provide the following:

1. A General Consulting Engineer to serve as the primary point of contact for the LANDSCAPE ARCHITECT, through the County, for the project.
2. Timely reviews and approval of project submissions.
3. Timely decisions to maintain an agreed upon project schedule.

**WORK AUTHORIZATION NO. 6
EXHIBIT B**

SERVICES TO BE PROVIDED BY THE LANDSCAPE ARCHITECT

PROJECT: ROADSIDE PROTOCOL GUIDANCE FOR US 183A, RM 2338, CR 214 &
O'CONNOR EXTENSION PROJECTS
COUNTY: WILLIAMSON

The Scope of Work to be performed by the Landscape Architect under this contract will consist of providing guidance to the Consulting Engineer to establish a Williamson County Roadside Protocol for the following projects:

- US 183A pass-through project – 100% PS&E Plan Set
(SH 29 to ½ mile south of San Gabriel River) 3.6 mi
- RM 2338 project – 100 % PS&E Plan Set
(Ronald Reagan Blvd to FM 3405) 3.5 mi.
- CR 214 project – 100% PS&E Plan Set
(Rolling Hills Rd to San Gabriel Ranch Rd) 1.3 mi.
- O'Connor Drive Extension project – 100 % PS&E
(RM 620 to SH 45) 1.4 mi.

Itemization of scope of the work will be as follows:

1. Project Management
 - This task will include the following activities:
 - a. Coordination with Williamson County and Williamson County representatives
 - b. Coordination with Consulting Engineers for each roadway project
 - c. Contract administration
 - d. Coordination with ecologist subconsultant
 - e. Coordination with engineering and construction-related subconsultant

Deliverables: N/A

2. Review 100% complete PS&E projects. Review project to gain design understanding and project conditions of roadides.
 - f. Review geo-technical report to assess soil conditions.
 - g. Review proposed roadside design for roadway corridor, including limits of construction, grading, hydrology and hydraulic study, environmental assessment and temporary and permanent erosion and sedimentation controls.

Deliverables: N/A.

3. Identify potential roadside design, construction and maintenance issues. Issue Roadside Protocol recommendations including construction phase and maintenance Best Management Practices (BMPs) to Consulting Engineer to address roadside issues.

Deliverables: Report identifying potential issues; Roadside Protocol recommendations including construction phase and roadside maintenance phase BMPs, including temporary and permanent erosion and sedimentation controls.

4. Review PS&E change order. Answer questions from Consulting Engineer related to Roadside Protocol. Review change order for applicability of BMPs incorporating Roadside Protocol.

Deliverables: Report with Roadside Protocol recommendations to Change Order.

5. Prepare maintenance recommendations for roadsides for all projects. Issue recommendations for maintaining Roadside Protocol.

Deliverables: Maintenance recommendations on maintaining roadside protocol for all projects.

Note: Professional services during the construction phase of US 183A, RM 2338, CR 214 & O'Connor Extension projects is not included in this Work Authorization # 6.

PROJECT NAME: Work Authorization #6

[illegible]

Timely reviews and approvals of project submissions are necessary to maintain the project schedule. Timely decisions are necessary to maintain the project schedule.

Outside delays do not count against work schedule; for example, if review of proposed specifications get delayed during public review, such actions shall not count against the work schedule for the project



Exhibit D - Fee Schedule

Work Authorization No. 6 - ROADSIDE PROTOCOL GUIDANCE FOR US 183A, RM 2338, CR 214 & O'CONNOR EXTENSION PROJECTS

Prepared November 9, 2009		Project Principal	Project Manager	Landscape Architect	Design and Public Involvement Specialist	Junior Design and Public Involvement Specialist	Environmental Designer	Drafting / Technician	Clerical / Administrative
Task	Description	\$150/hr	\$100/hr	\$80/hr	\$30/hr	\$20/hr	\$70/hr	\$30/hr	\$45/hr
Task 1	Project Management - 14 weeks	14	20	8					14
A.	Coordination with County								
B.	Coordination with Consulting Engineers								
C.	Contract administration								
D.	Coordination with Subconsultants								
Task 1 - Subtotal		\$2,100.00	\$2,000.00	\$640.00	\$0.00	\$0.00	\$0.00	\$0.00	\$630.00
Task 1 - Grand Total		\$5,370.00							
Task 2	Review 100% PS&E projects - 2 weeks (US 183A, RM 2338, CR 214, O'Connor projects)	32	78	88				18	15
A.	Review roadside conditions of roadway corridor								
B.	Review proposed roadside design for roadway corridor								
Task 2 - Subtotal		\$4,800.00	\$7,800.00	\$7,040.00	\$0.00	\$0.00	\$0.00	\$540.00	\$675.00
Task 2 - Grand Total		\$21,750.00							
Task 3	Identify potential roadside issues - 2 weeks (US 183A, RM 2338, CR 214, O'Connor projects)	48	84	96				24	12
A.	Identify design, construction & maintenance issues								
B.	Issue Roadside Protocol recommendations, inc. BMPs								
Task 3 - Subtotal		\$7,200.00	\$8,400.00	\$7,680.00	\$0.00	\$0.00	\$0.00	\$1,600.00	\$540.00
Task 3 - Grand Total		\$25,470.00							
Task 4	Review PS&E change order - 3 weeks (US 183A, RM 2338, CR 214, O'Connor projects)	52	88	112				24	15
A.	Answer questions related to Roadside Protocol								
B.	Review CO for applicability of BMPs incorporating Roadside Protocol								
Task 4 - Subtotal		\$7,800.00	\$8,800.00	\$8,960.00	\$0.00	\$0.00	\$0.00	\$1,200.00	\$675.00
Task 4 - Grand Total		\$27,435.00							
Task 5	Prepare maintenance recommendations - 3 weeks	6	22	20				24	8

