

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

**WILLIAMSON COUNTY ROAD BOND PROJECT:**  
**North Barker Street Improvement**

This Supplemental Work Authorization No. 2 to Work Authorization No. 2 is made pursuant to the terms and conditions of the Williamson County Contract for Engineering Services, being dated March 19, 2024 ("Contract") and entered into by and between Williamson County, Texas, a political subdivision of the State of Texas, (the "County") and Johnson, Mirmiran & Thompson, Inc. (the "Engineer").

WHEREAS, the County and the Engineer executed Work Authorization No. 2 dated effective September 24, 2024 (the "Work Authorization");

WHEREAS, pursuant to Article 14 of the Contract, amendments, changes and modifications to a fully executed Work Authorization shall be made in the form of a Supplemental Work Authorization; and

WHEREAS, it has become necessary to amend, change and modify the Work Authorization.

**AGREEMENT**

NOW, THEREFORE, premises considered, the County and the Engineer agree that the Work Authorization shall be amended, changed and modified as follows:

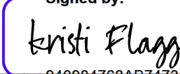
- I. The Services to be Provided by the Engineer that were set out in the original Attachment "B" of the Work Authorization are hereby amended, changed and modified as shown in the attached revised Attachment "B2".
- II. The Work Authorization shall terminate on October 31, 2025. The Services to be Provided by the Engineer shall be fully completed on or before said date unless extended by an additional Supplemental Work Authorization. The revised Work Schedule is attached hereto as Attachment "C2".
- III. The maximum amount payable for services under the Work Authorization is hereby increased from \$192,334.00 to \$238,859.00. The revised Fee Schedule is attached hereto as Attachment "D2".

Except as otherwise amended by prior or future Supplemental Work Authorizations, all other terms of the Work Authorization are unchanged and will remain in full force and effect.

This Supplemental Work Authorization does not waive the parties' responsibilities and obligations provided under the Contract.

**IN WITNESS WHEREOF**, the County and the Engineer have executed this Supplemental Work Authorization, to be effective as of the date of the last party’s execution below.

**ENGINEER:**

Signed by:  
By:   
940984768AB7473...  
Signature

Kristi D. Flagg, P.E.  
Printed Name

Senior Vice President  
Title

4/30/2025 | 7:39:02 AM EDT  
Date

**COUNTY:**

By:   
Signature

Steven Snell  
Printed Name

County Judge  
Title

05/15/2025  
Date

**LIST OF ATTACHMENTS**

- Attachment B2 – Services to be Provided by Engineer
- Attachment C2 – Work Schedule
- Attachment D2 – Fee Schedule

**APPROVED**  
*By Christen Eschberger at 1:56 pm, May 05, 2025*

**ATTACHMENT B2  
SERVICES TO BE PROVIDED BY THE ENGINEER  
DESIGN SERVICES FOR NORTH BARKER STREET**

**PROJECT DESCRIPTION**

**Project Limits**

From County Road 424 to the East end of North Barker Street (approximately 900 feet in length).

**Existing Facility**

North Barker Street is an uncurbed asphalt road that is approximately 18' wide with no shoulders and no pavement markings. There is a large channel, Spring Branch, between North Barker Street and South Barker Street. The existing right-of-way is approximately 25'.

**Proposed Facility** The proposed improvements include resurfacing North Barker, channel improvements, between North and South Barker Streets, reestablish the channel on Stiles Foundation property, and the development of an emergency vehicle crossover between North and South barker street at the eastern end of the project on STILES farm foundation property.

**Design Criteria** – NO CHANGE

**1. PROJECT MANAGEMENT**

- a. NO CHANGE
- b. Monthly Progress Reports, Invoices, and billings (up to 5 additional months assumed)
  - NO CHANGE
  - Additional effort for contract term (extended from July 31, 2025 - October 30, 2025) to manage Pre-Application meeting with USACE and RPW (see Task 6 below).
- c. Quality Assurance and Quality Control (QA/QC) Plan:
  - For each deliverable, provide additional internal review and mark-up for revised emergency crossover and channel improvement on STILES Farm property.
  - NO CHANGE

**ATTACHMENT B2**  
**SERVICES TO BE PROVIDED BY THE ENGINEER**  
**DESIGN SERVICES FOR NORTH BARKER STREET**

d. Project Coordination and Administration

- NO CHANGE
- NO CHANGE
- Manage additional Project activities outlined herein (including documenting emails, phone and conference calls, maintain project files for the length of the project, meeting agendas, meeting minutes, and schedule meetings), direct Engineer's team/staff, correspond with the County and its representatives, and assist the County and its representatives in preparing responses to Project-related inquiries.

e. Manage additional environmental related meetings (up to 3 meetings).

f. Project Schedule:

- NO CHANGE
- Maintain a project schedule indicating tasks, subtasks, critical dates, milestones, and deliverables for additional period of up to 5 months to facilitate the environmental permitting and approval process.

g. NO CHANGE

2. ROUTE AND DESIGN STUDIES

a. NO CHANGE

b. STAKE HOLDER COORDINATION

- Six (6) meetings were assumed for meeting with local agencies, County's consultants and affected property owners. This has been reduced to (3) meetings as agreed upon by Mayor of City of Thrall.

c. DELIVERABLES

- NO CHANGE
- NO CHANGE

**ATTACHMENT B2**  
**SERVICES TO BE PROVIDED BY THE ENGINEER**  
**DESIGN SERVICES FOR NORTH BARKER STREET**

- Hours reduced for decreased number of meetings.

3. PUBLIC INVOLVEMENT

a. General Public Outreach and Engagement

- Removed meeting with Property owner as agreed upon by Mayor of City of Thrall

b. Public Meeting/Open House (1 public meeting assumed).

- Removed as agreed upon by Mayor of City of Thrall

c. NO CHANGE

4. SURVEYING

a. RIGHT OF ENTRY

- NO CHANGE
- Prepare up to three (3) iterations of an exhibit for the revised emergency crossover location at east end of North Barker Street and a driveway onto STILES farm property
- Prepare up to three (3) iterations for an exhibit for “Water Gap Gate” and driveway on STILES farm property
- Revise and update exhibit (up to 2 iterations) with alignment, stationing and note to Contractor for channel blading work on STILES farm property by utilizing shapes generated via the environmental field work.

b. FIELD SURVEYING – NO CHANGE

c. DELIVERABLES –

- NO CHANGE
- NO CHANGE
- NO CHANGE

**ATTACHMENT B2**  
**SERVICES TO BE PROVIDED BY THE ENGINEER**  
**DESIGN SERVICES FOR NORTH BARKER STREET**

- Exhibit of Emergency crossover with driveway (up to 3 iterations)
- Exhibit of “Water Gap” and driveway on STILES farm property (up to 3 iterations)
- Revised Exhibit for Channel blading (up to 2 iterations)

5. DRAINAGE STUDY      NO CHANGE

6. ENVIRONMENTAL SERVICES

a. COUNTY DUE DILIGENCE

- NO CHANGE
- The following tasks are intended to address anticipated regulatory compliance commitments associated with impacts to waters of the U.S. (WOTUS) and potential permitting through the USACE’s Clean Water Act Section 404 permitting system. A proposed initial coordination meeting with USACE will determine the compliance strategy.
- Pre-Application Meeting
  1. Initial field investigations identified one stream (Spring Branch) and three wetlands that are potential waters of the U.S. (WOTUS). NWP 14 may authorize impacts associated with a culvert at a proposed, new-location, emergency crossing of Spring Branch. Additional proposed impacts associated with stormwater control and conveyance would not be authorized by NWP 14. Additional permitting strategies will be developed through initial USACE coordination in the form of a Pre-Application Meeting. In preparation for the meeting, the following deliverables will be prepared:
    - a. Meeting Agenda
    - b. Project Description
    - c. Design Schematic
    - d. Delineation Report

## ATTACHMENT B2

### SERVICES TO BE PROVIDED BY THE ENGINEER

### DESIGN SERVICES FOR NORTH BARKER STREET

e. Meeting Minutes (post meeting)

- RPW Analysis

1. A Relatively Permanent Waterbody (RPW) analysis will be conducted to assess potential jurisdictional limits of the various stream reaches in the project area. The analysis will use desktop information and previously conducted field investigations in accordance with recent guidance from USACE staff.

- NPR Letter Request

1. If there appears to be no temporary or permanent impacts to features under USACE jurisdiction, Stantec will prepare a No-Permit Required (NPR) letter and coordinate with USACE for the letter's review.

This scenario is most likely if only stream reaches below the confluence of ES01 and ES02 (as shown in the Delineation Report) are under USACE jurisdiction. In this case, the project may be authorized by a Nationwide Permit (NWP), or it may be eligible for a No-Permit-Required (NPR) determination. The appropriate route will be determined by the nature and extent of impacts in the stream reaches under USACE jurisdiction.

Regardless of the final compliance pathway, Stantec recommends a Pre-Application Meeting and preparation of an RPW analysis. The RPW analysis will be a determining factor in the limits of jurisdiction; therefore, it will apply to both scenarios above.

If USACE permit authorization is required, the project will be subject to Section 106 of the National Historic Preservation Act. Stantec can provide the required compliance services; however, they are not included in this scope of services.

b. NO CHANGE

c. NO CHANGE

d. NO CHANGE

**ATTACHMENT B2**  
**SERVICES TO BE PROVIDED BY THE ENGINEER**  
**DESIGN SERVICES FOR NORTH BARKER STREET**

- e. NO CHANGE
- f. NO CHANGE NO CHANGE
- g. Deliverables
  - Additional Deliverables due to coordination with USACE
    - 1. Appendix related to the RPW analysis added to the Delineation Report.
    - 2. Prepare NPR Letter

7. PLAN PREPARATION

- a. NO CHANGE
- b. Roadway
  - NO CHANGE
  - NO CHANGE
- c. Incremental complexity of detailing the shifted emergency cross over (including the addition of curves and driveway addition) and inclusion of the respective standard details.
- d. Due to incremental complexity, as a result of shifting of the emergency cross over and flaring the channel at the RCPs, the prime consultant was to confirm Hydrologic and Hydraulic model prepared by subconsultant and update the plan sheet for channel modification and a reinforced concrete pipe crossing with inclusion of the respective standard details.
- e. NO CHANGE
- f. NO CHANGE (See “h” below)
- g. Structural
  - Analyze and modify standard “Spread Footing Retaining Wall-RW(SFA)” drawing to support 7’X2’ rectangular channel.



## ATTACHMENT B2

### SERVICES TO BE PROVIDED BY THE ENGINEER

### DESIGN SERVICES FOR NORTH BARKER STREET

h. DELIVERABLES (formerly bullet “f”)

- Modified Plan Sheet including
  1. Rectangular Channel Detail

8. BIDDING PHASE SERVICES NO CHANGE

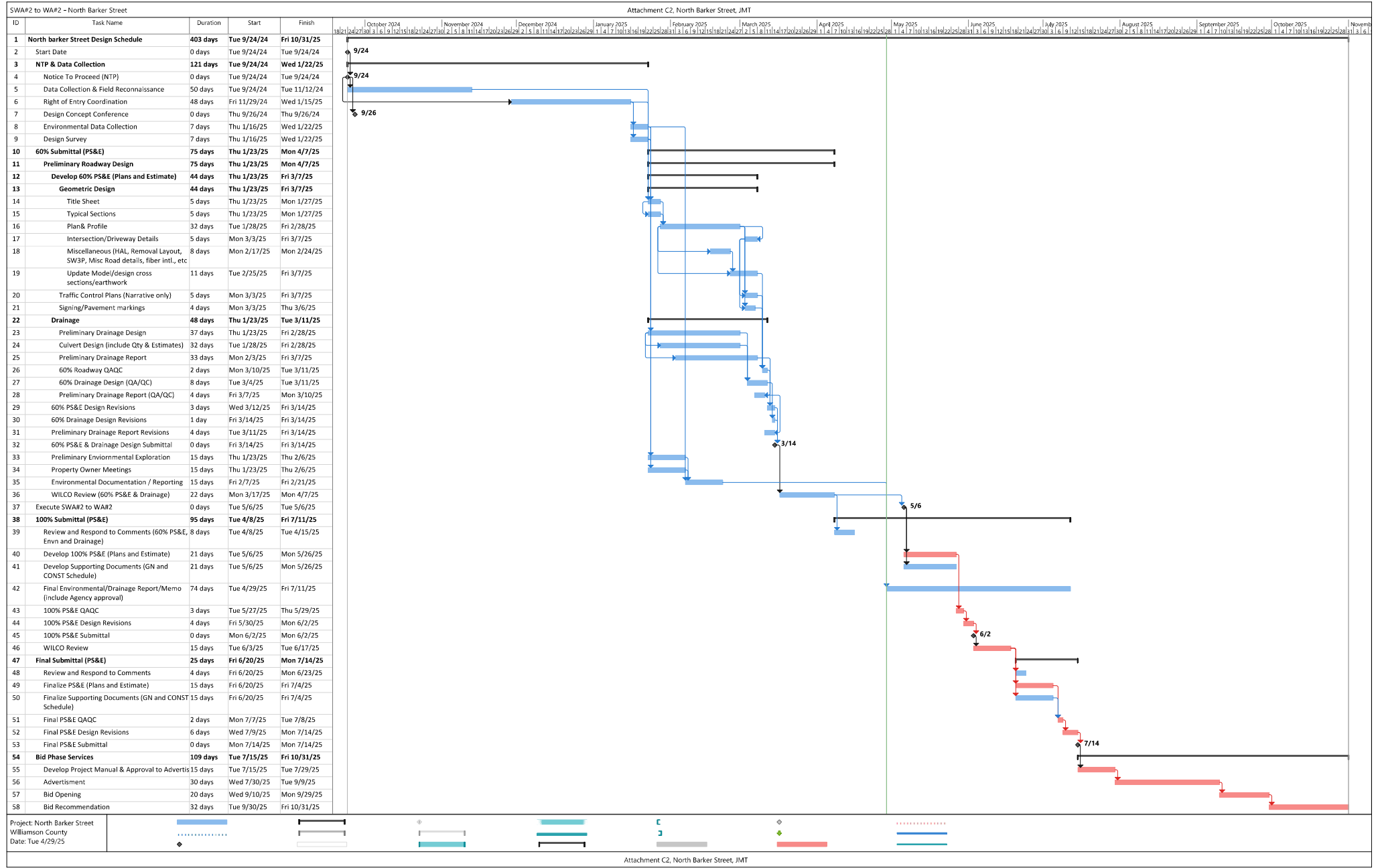
ASSUPMTIONS & EXCLUSIONS

- REMOVE
- NO CHANGE
- NO CHANGE
- The Client will provide Stantec right-of-entry to the Subject Property.
- The Client will provide Stantec with digital files (kmz, dgn, dwg) of the Subject Property boundary.
- Stantec will provide documentation for permit authorization based on proposed plans; however, Stantec assumes no responsibility regarding whether the proposed project can attain authorization.
- This scope assumes that the guidance documents specifically cited will be used to conduct the work outlined in this scope of services. If new guidance is released by any agency with jurisdiction over the proposed project, it may be necessary to amend this scope of services to account for updated guidance. Stantec reserves the right to negotiate a new scope of services with the Client pending any regulatory change affecting this scope of services.
- The information provided by Stantec regarding wetland boundaries is a scientific-based analysis of the wetland and upland conditions present on a site at the time of the fieldwork. The delineation will be performed by experienced and qualified professionals using standard practices and sound professional judgment. The ultimate decision on wetland boundaries rests with the USACE and, in some cases, the state or a local

**ATTACHMENT B2**  
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unit of government. As a result, there may be adjustments to boundaries based upon review by a regulatory agency. An agency determination can vary from time to time depending on various factors including, but not limited to, the agency representative completing the review, the timeliness of the agency review, recent precipitation patterns, and season of the year. In addition, the physical characteristics of the site can change over time, depending on the weather, vegetation patterns, drainage, activities on adjacent parcels, or other events. Any of these factors can change the nature and extent of wetlands on the site.

- Any site visits by regulatory agencies are specifically excluded but may be performed for an additional cost at the request of the Client.



**ATTACHMENT D2  
FEE SCHEDULE**

**FOR  
JOHNSON, MIRMIRAN & THOMPSON, INC.**

**North Barker Street**

For services described in the Scope of Services, we request the compensation as detailed below. Cost breakdowns for engineering services and explanation of expenses are shown on the following pages.

**TOTAL FEE**

**\$ 46,525.00**

**FEE SCHEDULE**

Task	JMT	SCSI	TOTAL
Task 1 - Project Management	\$ 6,700.00	\$ -	\$ 6,700.00
Task 2 - Route and Design Studies	\$ (1,960.00)	\$ -	\$ (1,960.00)
Task 3 - Public Involvement	\$ (4,055.00)	\$ -	\$ (4,055.00)
Task 4 - Surveying	\$ 15,310.00	\$ -	\$ 15,310.00
Task 5 - Drainage Study	\$ -	\$ -	\$ -
Task 6 - Environmental Services	\$ 1,680.00	\$ 14,630.00	\$ 16,310.00
Task 7 - Plan Preparation (60%, 100% & Final)	\$ 14,220.00	\$ -	\$ 14,220.00
Task 8 - Bidding Phase Services	\$ -	\$ -	\$ -
ODEs	\$ -	\$ -	\$ -
<b>TOTALS</b>	<b>\$ 31,895.00</b>	<b>\$ 14,630.00</b>	<b>\$ 46,525.00</b>

Summary of Manhours by Classification

Johnson, Mirmiran & Thompson, Inc. (JMT)

SWA#2 To WA#2

Description of Work or Task	Principal Engineer \$340.00/Hr	Project Manager \$320.00/Hr	Sr. QC Reviewer \$260.00/Hr	Project Engineer \$200.00/Hr	Design Engineer \$160.00/Hr	EIT \$125.00/Hr	Senior Env. Planner \$240.00/Hr	Admin/Clerical \$100.00/Hr	Staff-Hr. Totals	Staff Cost / Task Totals
<b>Task 1 - Project Management</b>										
B. Monthly Progress Reports, Invoices and Billing(5 additional months)		5							5	\$1,600.00
C. Quality Assurance and Quality Control QA/QC (60/100/Final PS&Es)		4	4						8	\$2,320.00
D. Project Coordination & Administration	1	2							3	\$980.00
E. Progress/Coordination Meetings (up to 3 additional meetings)		3						2	5	\$1,160.00
F. Project Schedule		2							2	\$640.00
Task 1 Hours:	1	16	4	0	0			2	23	
Task 1 Subtotal:	\$340.00	\$5,120.00	\$1,040.00	\$0.00	\$0.00			\$200.00		\$6,700.00
<b>Task 2 - Route and Design Studies</b>										
A. Data Collection									0	\$0.00
B. Stakeholder Coordination	-3	-2						-3	-8	-\$1,960.00
Task 2 Hours:	-3	-2		0	0	0		-3	-8	
Task 2 Subtotal:	-\$1,020.00	-\$640.00		\$0.00	\$0.00	\$0.00		-\$300.00		-\$1,960.00
<b>Task 3 - Public Involvement</b>										
A. General Public Outreach and Engagement	-1	-2				-2		-2	-7	-\$1,430.00
Property Owner Meeting	-2	-2							-4	-\$1,320.00
B. Public Meeting/Open House	-1	-2				-1		-2	-6	-\$1,305.00
Task 3 Hours:	-4	-6		0	0	-3		-4	-17	
Task 3 Subtotal:	-\$1,360.00	-\$1,920.00		\$0.00	\$0.00	-\$375.00		-\$400.00		-\$4,055.00
<b>Task 4 - Surveying</b>										
A. Right of Entry Letter (3-Exhibits for Sheets and Crossfield)	3	8		2	38	42			93	\$15,310.00
B. Field Surveying									0	\$0.00
Task 4 Hours:	3	8	0	2	38	42	0	0	93	
Task 4 Subtotal:	\$1,020.00	\$2,560.00	\$0.00	\$400.00	\$6,080.00	\$5,250.00	\$0.00	\$0.00		\$15,310.00
<b>Task 6 - Environmental Services</b>										
A. County Due Diligence									0	\$0.00
RPW Analysis		1					1		2	\$560.00
USACE Pre-Application Meeting		2					2		4	\$1,120.00
NPR Letter Request									0	\$0.00
Conditional/Functional Assessment									0	\$0.00
Pre-Construction Notification									0	\$0.00
IP Application									0	\$0.00
E. Historical Site Compliance									0	\$0.00
F. Texas Antiquities Code (TAC) Compliance & Archeological Survey									0	\$0.00
Task 6 hours	0	3	0	0	0	0	3		6	
Task 6 Subtotal:	\$0.00	\$960.00	\$0.00	\$0.00	\$0.00	\$0.00	\$720.00	\$0.00		\$1,680.00
<b>Task 7 - Plan Preparation (60%, 100% &amp; Final)</b>										
B. Roadway Plans									0	\$0.00
Geometric Design									0	\$0.00
Title Sheet / Project Layouts				4					4	\$800.00
Typical Sections									0	\$0.00
Plan & Profile Sheets		6	4		4	4			18	\$4,100.00
Alignment Data Sheets / Misc. Roadway Details									0	\$0.00
Removal Layouts									0	\$0.00
Generate Cross Sections									0	\$0.00
Quantities/Summary sheet									0	\$0.00
Standards, Specification & Estimate									0	\$0.00
C. Drainage									0	\$0.00
Culvert/Channel			4	10	10				24	\$4,640.00
D. Signing, Markings									0	\$0.00
Pavement Markings									0	\$0.00
E. Traffic Control									0	\$0.00
Traffic control (Narrative only)									0	\$0.00
Small Signs									0	\$0.00
Calculate earthwork volumes									0	\$0.00
F. Structural Design (Up to two milestone submittals)		2	2	8	12				24	\$4,680.00
Task 7 Hours:	0	8	10	22	26	4	0	0	70	
Task 7 Subtotal:	\$0.00	\$2,560.00	\$2,600.00	\$4,480.00	\$4,160.00	\$500.00	\$0.00	\$0.00		\$14,220.00
Total Hours all Tasks	-3.00	27.00	14.00	24.00	64.00	43.00	3.00	-5.00	167.00	
JMT SUMMARY	-\$1,020.00	\$5,640.00	\$3,640.00	\$4,880.00	\$10,240.00	\$5,375.00	\$720.00	-\$500.00		\$31,895.00

**Summary of Direct Expenses**  
**Johnson, Mirmiran & Thompson, Inc. (JMT)**

Item Description	Unit	Quantity	Unit Cost	Total Cost
<b>Direct Expenses</b>				
I. Mileage	MILE		\$0.670	<b>\$0.00</b>
II. Photocopies B/W (11" X 17")	EA		\$0.25	<b>\$0.00</b>
III. Photocopies Color (8.5" X 11")	EA		\$1.00	<b>\$0.00</b>
IV. Photocopies Color (11" X 17")	EA		\$2.00	<b>\$0.00</b>
V. Large Format Plotting	SF		\$2.50	<b>\$0.00</b>
<b>Total Direct Expenses</b>				<b>\$0.00</b>

Summary of Manhours by Classification  
Stantec Consulting Services, Inc. (SCSI)

Description of Work or Task		Sr. Project Manager \$190.00/Hr	Project Manager \$150.00/Hr	Senior Env. Scientist \$150.00/Hr	Env. Scientist \$125.00/Hr	Senior Historian \$180.00/Hr	Historian \$140.00/Hr	Senior Archeologist \$180.00/Hr	Archeologist \$125.00/Hr	Senior GIS Analyst \$150.00/Hr	GIS Analyst \$125.00/Hr	Staff-Hr. Totals	Staff Cost / Task Totals
Task 6 - Environmental Services													
A. County Due Diligence													\$ -
RPW Analysis			4	8	24					1	4	41	\$ 5,450.00
USACE Pre-Application Meeting		2	4	12	16					2	8	44	\$ 6,080.00
NPR Letter Request			2	2	16						4	24	\$ 3,100.00
Conditional/Functional Assessment												0	\$ -
Pre-Construction Notification												0	\$ -
													\$ -
E Historical Site Compliance												0	\$ -
F. Texas Antiquities Code (TAC) Compliance & Archeological Survey												0	\$ -
	Task 6 Hours:	2	6	22	56	0	0	0	0	3	16	109	
	Task 6 Subtotal:	\$380.00	\$900.00	\$3,300.00	\$7,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$450.00	\$2,000.00		\$14,630.00
	SCSI SUMMARY	\$380.00	\$900.00	\$3,300.00	\$7,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$450.00	\$2,000.00	109	\$14,630.00



**Summary of Direct Expenses**  
**Stantec Consulting Services, Inc. (SCSI)**

Item Description	Unit	Quantity	Unit Cost	Total Cost
<b>Direct Expenses</b>				
I. THC/TARL Site Registration Form	EA		\$110.000	<b>\$0.00</b>
II. CAS Records Curation Fee	EA		\$600.00	<b>\$0.00</b>
III. Mileage	MILE		\$0.70	<b>\$0.00</b>
iv. Per Diem	Day		\$46.00	<b>\$0.00</b>
<b>Total Direct Expenses</b>				<b>\$0.00</b>