

**SUPPLEMENTAL WORK AUTHORIZATION NO. 1
TO WORK AUTHORIZATION NO. 1
PROJECT: CR 258**

This Supplemental Work Authorization No. 1 is made pursuant to the terms and conditions of the Williamson County Contract for Engineering Services, being dated 03/19/2024 and entered into by and between Williamson County, Texas, a political subdivision of the State of Texas, (the "County") and American Structurepoint, Inc. (the "Engineer").

WHEREAS, the County and the Engineer executed Work Authorization No. 1 dated effective March 22, 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- I. The Services set out in Work Authorization No. 1, Attachment "B" are replaced and superseded in its entirety by Attachment "B" attached to this Supplemental Work Authorization No. 1.
- II. The maximum amount payable for services under the Work Authorization is decreased from \$879,903.72 to \$753,353.08 reflecting a total decrease of \$126,550.64 as shown Attachment "D" of the Supplemental Work Authorization.

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

EXECUTED this _____ day of __, 2025.

ENGINEER:

American Structurepoint, Inc.

COUNTY:

Williamson County, Texas

By:  Renee Ross
Signature

By: _____
Signature

Renee Ross
Printed Name

Printed Name

Vice President
Title

Title

LIST OF ATTACHMENTS

Attachment B – Services to be provided by Engineer

Attachment C - Schedule

Attachment D – Fee Schedule

APPROVED
By Christen Eschberger at 2:00 pm, Jun 10, 2025

**ATTACHMENT B
SERVICES TO BE PROVIDED BY THE ENGINEER
FOR CR 258 – SWA1 to WA1**

PROJECT DESCRIPTION

This SWA1 to WA1 is to reduce the scope from the original 4-lane facility to now adding turn lanes and an overlay to existing CR 258. This scope document represents the new work that will be completed for this supplemental, removing items that have already been completed under the original WA or are not applicable to the reduced scope.

Project Limits

The project limits are from Seward Junction Loop (which is the intersection of CR 258 and CR 260) to the CR 258 Extension (the western extension of CR 258 that intersects with US 183), an approximate length of 0.6 miles.

Existing Facility

The existing CR 258 facility is a 2-lane uncurbed asphalt road with shoulders and roadside ditches. The existing ROW is generally 65-75 ft wide. There are two drainage culverts crossing the existing CR 258.

Proposed Facility

The existing road will be overlaid and turn lanes added. The proposed improvements will consist of three turn lanes, located at 1) NB CR 258 and CR 258 extension; 2) NB CR 258 at LHISD high school middle driveway entrance; and 3) SB CR 258 at LHISD high school middle driveway entrance. The proposed facility will include 2 new signals, one at the LHISD high school middle driveway entrance and one at CR 258 and CR 258 extension. The existing two culverts will be modified or replaced to accommodate the reconstruction. The proposed ROW is 120 ft based on the ultimate configuration.

Design Criteria

The project will be designed in accordance with the Williamson County Design manual.

1. PROJECT MANAGEMENT

a. COMMUNICATION:

- Engineer shall designate one Licensed Professional Engineer (Texas) to be responsible for the project management, and all communications with the County and its representatives.

b. MONTHLY PROGRESS REPORTS, INVOICES, AND BILLINGS (3 months assumed):

- Submit monthly progress status reports to the GEC. Progress reports will include a deliverable table, tasks completed, tasks/objectives that are planned for the upcoming periods, lists or descriptions of items or decisions needed from the County and its representatives. Subconsultant progress will be incorporated into the monthly progress report. A copy of the monthly progress report will be uploaded to ProjectWise.
 - Prepare correspondence, invoices, and progress reports on a monthly basis in accordance with current County requirements.
- c. PROJECT COORDINATION & ADMINISTRATION:
- Prepare and maintain routine project record keeping including records of meetings and minutes.
 - Correspondence and coordination will be handled through & with the concurrence of the GEC.
 - Manage Project activities (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, coordinate and review sub-consultant work, correspond with the County and its representatives, and assist the County and its representatives in preparing responses to Project-related inquiries.
- d. PROGRESS/COORDINATION MEETINGS (2 external meetings assumed):
- Attend a kickoff meeting and coordination/progress meeting with the County and its representatives and stakeholders, as necessary to communicate development of the project and design issues.
 - Prepare agenda and sign-in sheets for external coordination/progress meetings.
 - Prepare meeting minutes for review via email within three (3) business days of the external coordination/progress meeting.
 - Conduct internal coordination meetings as required to advance the development of the project.
- e. PROJECT DESIGN SCHEDULE:
- Baseline Schedule - Submit a CPM Baseline Schedule in calendar day (CD) format to the County for approval, using P6 Primavera or Microsoft Project in both pdf and native formats within 14 calendar days of the Work Authorization execution. This schedule should detail all work activities, including those by the County affecting the critical path. It shall outline the execution strategy, critical path, milestones, deliverables, and for each

activity, its predecessors, successors, start and end dates, and float. Changes to schedule activities, durations, and dates require County consent, except for adjustments due to approved supplements or County-sanctioned project duration changes.

- Progress Schedule – Submit an updated Progress Schedule with each significant milestone and/or deliverable identified by the County, detailing actual work completion percentages and incorporating all approved supplements. If the schedule deviates from the baseline, a recovery schedule approved by the County is required.

f. PROJECT DOCUMENTS/FILES:

- All contract documents, including native files, shall be turned over to the County at each milestone and at the completion of the project or as requested. Documents shall be posted to the County's project management database.

g. DELIVERABLES:

- Monthly Invoices and Progress Reports including Deliverable Table
- Meeting Minutes, Sign-In Sheets, and Agendas
- Project Schedule and Updates
- Project Files
- QA/QC Documentation with Deliverable

2. UTILITY COORDINATION SUPPORT

As this is a Road Bond Project, direct coordination with utilities will be conducted through the County's existing utility coordination contract with Cobb Fendley and Associates. The Engineer will provide support as described below:

a. INCORPORATE UTILITY INFORMATION INTO ENGINEERING DRAWINGS

- Incorporate utility information provided by others into design files.
- Add utility notes to plans and exhibits as necessary.
- Consider/incorporate utility work into traffic control phasing plans as necessary.

b. DELIVERABLES:

- Utility information incorporated into plans and design files.
- Reviews of utility relocation plans.

3. RIGHT OF WAY (ROW) AND MAPPING

a. PARCEL ACQUISITION DOCUMENTS (2 parcel documents assumed, 2 staking assumed, 2 exhibits assumed):

- Upon approval of final schematic, prepare a right of way strip map.
- Prepare draft parcel sketches and field notes documents for right of way parcel and easement acquisition. Note any improvements requiring removal/relocation.
- Provide property owner exhibits identifying Parent tract (including area), Right-of-way acquisition (including parcel acquisition and remainder areas), and proposed improvements adjacent to the property as needed.

b. MONUMENTATION AND ROW STAKING:

- Set appropriate monumentation in accordance with County requirements. Prepare signed and sealed documents for right of way parcel and easement acquisition.
- Stake proposed right of way with suitable markers as requested on a parcel-by-parcel basis for the purposes of fence construction, utility installation, or property owner requests.

c. DELIVERABLES:

- Field notes
- Draft Parcel Acquisition Documents (pdf)
- Final Parcel Acquisition Documents (one original and pdf)
- Property owner exhibits (drawing file, pdf, and hardcopies)

d. DELIVERABLES

- Preliminary and Final Condemnation Hearing Exhibits in pdf format.

4. ENVIRONMENTAL SERVICES

a. COUNTY DUE DILIGENCE:

- The Environmental Services will include studies and documentation required, per the Williamson County Environmental Protocol, for the various regulating authorities, including the Texas Historical Commission (THC), U.S. Army Corp of Engineers (USACE), U.S. Fish and Wildlife Service (USFWS), Williamson County Conservation Foundation (WCCF), and TCEQ. The intention of the Environmental Services is to attain necessary clearance letters and approvals in order to proceed with the proposed project.

b. HAZARDOUS MATERIALS ENVIRONMENTAL SITE ASSESSMENT:

- Prepare a Hazardous Materials Environmental Site Assessment (ESA) based on the data collection and field reconnaissance conducted and identify potential hazardous material sites that may be impacted by the proposed project. The Hazardous Materials Environmental Site Assessment will be conducted in general accordance with the standards described in the current ASTM Standard E 1527-21.

c. SECTION 404 CLEAN WATER ACT COMPLIANCE:

- Conduct a site visit that will determine if water resources are present. If no water resources are identified in the project area, document these findings in the water resources section of the due diligence report.
- If water resources are present, delineate wetland boundaries and ordinary high-water marks of jurisdictional waters within the project ROW. Prepare a Jurisdictional Waters Delineation Report identifying: specific impacts of the project on the Waters of the U.S., measures to minimize the impacts will be identified, and discuss applicable Section 404 options in accordance with current permits and conditions based on data collection and field reconnaissance. It is anticipated that this project will be covered under a Nationwide Permit (NWP 14) without a pre-construction notification (PCN).

If it is determined, after the Jurisdictional Waters Delineation Report, that a PCN is required; a supplemental work authorization would be required. The Jurisdictional Waters Delineation Report and NWP with PCN are subject to the U.S. Army Corps of Engineers Forth Worth District review and issuance of a permit.

d. ENDANGERED SPECIES ACT COMPLIANCE:

- Prepare a letter documenting the project's effects on federally listed Threatened & Endangered Species to document the project's compliance

with the Endangered Species Act based on data collection and field reconnaissance.

- It is assumed no federally listed species or suitable habitat would be impacted by the project.

e. HISTORICAL SITE COMPLIANCE:

- Prepare a historic building survey that will follow the Secretary of the Interior's Standards and guidelines for Archeology and Historic Preservation and document historic buildings and structures within the Area of Potential Effect based on data collection and field reconnaissance.

f. TEXAS ANTIQUITIES CODE (TAC) COMPLIANCE:

- Prepare a Project Initiation Letter, Texas Antiquities Permit Application, and Associated Scope of Work based on data collection and field reconnaissance.
- Conduct a pedestrian survey and report of sufficient intensity to determine the nature, extent, and potential significance of any cultural resources located within the Area of Potential Effect in accordance with full report guidelines as outlined by the Texas Historical Commissions Rules of Practice and Procedures.
- Coordination with Texas Historical Commission including submittals to Texas Historical Commission and project records to the appropriate curation facility per Texas Historical Commission requirements. This Scope of Work assumes up to one archaeological site will be newly recorded within the project area. If additional sites are recorded, then a supplemental work authorization may be required for additional site delineations. No deep testing (e.g., backhoe trenching) is included in this Scope of Work.

g. DELIVERABLES:

- Draft & Final Environmental Due Diligence Report
- Draft & Final Regulatory Records Review
- Draft & Final Hazardous Materials Environmental Site Assessment (ESA) Report
- Draft & Final Wetlands Determination/Jurisdictional Waters Determination

- Draft & Final Endangered Species Letter
- Draft & Final Historic Building Survey
- Draft & Final Texas Antiquities Permit Application Associated Scope of Work and Report
- Provide Final Acceptance Correspondence of Approval of Permits

5. PLAN PREPARATION

- a. Plans shall be prepared per Wilco criteria including applicable submittal requirements per PS&E Development Plan Submittal Checklist including: cost estimate, checklists, hardcopies, CAD files, comment responses, design waivers/exceptions, general notes, quantities, updated design schedule, construction time determination.
- b. ROADWAY:
 - Refine horizontal and vertical alignment of the roadway and cross streets, existing and proposed typical sections, cross sections created at appropriate increments and at cross drainage structures.
 - Prepare project layout sheets that identify the project area and limits of work.
 - Prepare Survey Data Sheets that clearly indicate benchmark locations and associated control information.
- c. DRAINAGE:
 - Prepare hydraulic calculations for the design of drainage structures and detention structures on the project and inclusion in the plans.
 - Design and detail storm sewer system, drainage outfalls, cross drainage structures, culverts, channels, roadside ditches, minimum side slopes, and erosion and sedimentation control.
- d. SIGNING, MARKINGS, & SIGNALIZATION:
 - Prepare signing and marking layout per current version of Texas Manual of Uniform Traffic Control Devices (TMUTCD). Detail all non-standard signs or marking details as required for the project.

- Prepare traffic signal plan sheets for new signals at main school entrance at the intersection between CR 258 and the CR 258 extension which intersects with US 183 including: existing traffic control that will remain, roadway improvements, installation, additional traffic controls, intersection illumination, elevation sheets, phase sequence diagrams, signal sequence table, flashing operation, cycle length, interval timing, power source location, quantities, signal timing for final and construction phases.
- Utilize TxDOT standard detail sheets for construction details including poles, detectors, pull box, conduit layout, and controller foundation. Utilize TxDOT specifications and provisions required for traffic signals.
- Coordinate with GEC in identifying power sources.

e. TRAFFIC CONTROL:

- Prepare traffic control plan sequence of construction narrative, phase layout sheets, and detour layout as needed to direct traffic around construction activities per Texas Manual of Uniform Traffic Control Devices (TMUTCD).

f. WATER QUALITY:

- Prepare water quality temporary and permanent Best Management Practices (BMPs) to comply with Texas Commission on Environmental Quality (TCEQ) regulations. Assumed vegetative filter strips. Develop a Draft and Final TCEQ Contributing Zone Plan to be used. Submit Agent Authorization Form, application, and pay Application Fee(s).
- Prepare Stormwater Pollution Prevention Plan (SWPPP) and EPIC Sheet.

g. DELIVERABLES:

- 60% PS&E Submittal: per 60% Plan Submittal Checklist
- 100% PS&E Submittal; per 100%/Final Plan Submittal Checklist
- Final PS&E Submittal; see 100%/Final Plan Submittal Checklist
- Address preliminary Traffic Memo comments (signal warrant analysis) and submit Final Traffic Analysis Memo.

6. PERMITS

- a. Prepare applicable permits.

7. BIDDING PHASE SERVICES

- a. BIDDING PHASE SERVICES:

- Prepare all applicable construction documents for bidding including final signed and sealed plans with any joint bid utility plans incorporated; final general notes, specification list, special specifications and signed & sealed cover for project construction manual. Final construction time determination which also includes any joint bid utilities.
- Attend the pre-bid meeting. Respond to bidder's questions during the bid period. Prepare project addenda during bid period. Analyze contractor bids, prepare bid tabulation, and make recommendation for award to the apparent low bidder. Attend the pre-construction conference.

- b. DELIVERABLES:

- Signed and sealed final bid documents
- Addenda as necessary
- Bid analysis and recommendation for award

8. EXCLUSIONS

- a. Construction Phase Services
- b. Traffic forecasting for known land-use developments including the new high school.
- c. Additional traffic data collection including roadway tube counts and/or turning movement counts for additional intersections/time period.
- d. Corridor Lighting/Illumination Design
- e. Temporary signal control and signal timing plan for MOT phases during construction.
- f. Detention / retention ponds

ID	Task Name	Duration	Start	Finish	Predecessor	% Complete	Successor	2026											
								A	M	J	J	A	S	O	N	D	J	F	
1	Williamson County - CR 258 Schedule - WA2	197 days	Wed 6/18/25	Wed 12/31/25		0%		[Gantt bar from 6/18 to 12/31]											
2	Milestones	197 days	Wed 6/18/25	Wed 12/31/25		0%		[Gantt bar from 6/18 to 12/31]											
3	Start Date	0 days	Wed 6/18/25	Wed 6/18/25		0%	4	[Milestone diamond at 6/18]											
4	Notice to Proceed = Date of Execution	0 days	Wed 6/18/25	Wed 6/18/25	3	0%	22,8,28,1	[Milestone diamond at 6/18]											
5	Work Authorization Termination	0 days	Wed 12/31/25	Wed 12/31/25	37FS+63	0%	39	[Milestone diamond at 12/31]											
6	Design Development Activities	104 days	Wed 6/18/25	Mon 9/29/25		0%		[Gantt bar from 6/18 to 9/29]											
7	Project Management	14 days	Wed 6/18/25	Tue 7/1/25		0%		[Gantt bar from 6/18 to 7/1]											
8	Create CPM Baseline Schedule	14 days	Wed 6/18/25	Tue 7/1/25	4	0%	9	[Task bar from 6/18 to 7/1]											
9	Submit CPM Baseline Schedule	0 days	Tue 7/1/25	Tue 7/1/25	8	0%	35	[Milestone diamond at 7/1]											
10	Utility Coordination Support	50 days	Wed 6/18/25	Wed 8/6/25		0%		[Gantt bar from 6/18 to 8/6]											
11	Review utility information, incorporate utility information into d	50 days	Wed 6/18/25	Wed 8/6/25	4	0%		[Task bar from 6/18 to 8/6]											
12	Right of Way and Mapping	55 days	Tue 7/29/25	Sun 9/21/25		0%		[Gantt bar from 7/29 to 9/21]											
13	Develop Parcel Acquisition Documents	15 days	Tue 7/29/25	Tue 8/12/25	29	0%	14	[Task bar from 7/29 to 8/12]											
14	Submit Draft Parcel Acquisition Documents	0 days	Tue 8/12/25	Tue 8/12/25	13	0%	15	[Milestone diamond at 8/12]											
15	GEC / County Review of Parcel Acquisition Documents	14 days	Wed 8/13/25	Tue 8/26/25	14	0%	16	[Task bar from 8/13 to 8/26]											
16	Address GEC Comments on Draft Acquisition Documents	12 days	Wed 8/27/25	Sun 9/7/25	15	0%	17	[Task bar from 8/27 to 9/7]											
17	Submit Final Parcel Acquisition Documents	0 days	Sun 9/7/25	Sun 9/7/25	16	0%	20,18	[Milestone diamond at 9/7]											
18	Conduct Monument and ROW Staking	14 days	Mon 9/8/25	Sun 9/21/25	17	0%	35	[Task bar from 9/8 to 9/21]											
19	Condemnation Support	14 days	Mon 9/8/25	Sun 9/21/25		0%		[Gantt bar from 9/8 to 9/21]											
20	Support Condemnation Hearing Exhibits	14 days	Mon 9/8/25	Sun 9/21/25	17	0%	35	[Task bar from 9/8 to 9/21]											
21	Environmental Services	58 days	Wed 6/18/25	Thu 8/14/25		0%		[Gantt bar from 6/18 to 8/14]											
22	Perform Environmental Services	30 days	Wed 6/18/25	Thu 7/17/25	4	0%	23	[Task bar from 6/18 to 7/17]											
23	Submit All Draft Environmental Reports	0 days	Thu 7/17/25	Thu 7/17/25	22	0%	24	[Milestone diamond at 7/17]											
24	GEC / County Review of Draft Environmental Reports	14 days	Fri 7/18/25	Thu 7/31/25	23	0%	25	[Task bar from 7/18 to 7/31]											
25	Prepare All Final Environmental Reports	14 days	Fri 8/1/25	Thu 8/14/25	24	0%	26	[Task bar from 8/1 to 8/14]											
26	Submit All Final Environmental Reports	0 days	Thu 8/14/25	Thu 8/14/25	25	0%		[Milestone diamond at 8/14]											
27	Plan Preparation (PS&E)	104 days	Wed 6/18/25	Mon 9/29/25		0%		[Gantt bar from 6/18 to 9/29]											
28	60% Design	41 days	Wed 6/18/25	Mon 7/28/25	4	0%	29	[Task bar from 6/18 to 7/28]											
29	60% PS&E Submittal & Draft Contributing Zone Plan & Draft Drainage Report and Drainage Models	0 days	Mon 7/28/25	Mon 7/28/25	28	0%	30,13	[Milestone diamond at 7/28]											
30	GEC / County 60% Review	14 days	Tue 7/29/25	Mon 8/11/25	29	0%	31	[Task bar from 7/29 to 8/11]											
31	100% Design	21 days	Tue 8/12/25	Mon 9/1/25	30	0%	32	[Task bar from 8/12 to 9/1]											
32	100% PS&E Submittal & Final Drainage Report and Drainage Models & CZP	0 days	Mon 9/1/25	Mon 9/1/25	31	0%	33	[Milestone diamond at 9/1]											
33	GEC / County 100% Review	14 days	Tue 9/2/25	Mon 9/15/25	32	0%	34	[Task bar from 9/2 to 9/15]											
34	Final Submittal preparation	14 days	Tue 9/16/25	Mon 9/29/25	33	0%	35	[Task bar from 9/16 to 9/29]											
35	Final Submittal	0 days	Mon 9/29/25	Mon 9/29/25	34,9,18,2	0%	37	[Milestone diamond at 9/29]											
36	Bidding Phase Services	93 days	Tue 9/30/25	Wed 12/31/25		0%		[Gantt bar from 9/30 to 12/31]											
37	Bidding Phase Services	30 days	Tue 9/30/25	Wed 10/29/25	35	0%	39,5FS+6	[Task bar from 9/30 to 10/29]											
38	Contract End	0 days	Wed 12/31/25	Wed 12/31/25		0%		[Milestone diamond at 12/31]											
39	Contract End	0 days	Wed 12/31/25	Wed 12/31/25	5,37	0%		[Milestone diamond at 12/31]											

SWA1 to WA1
Termination Date:
December 31, 2025

Task		Project Summary		Inactive Milestone		Manual Summary Rollup		Deadline		Manual Progress	
Split		External Tasks		Inactive Summary		Manual Summary		Critical			
Milestone		External Milestone		Manual Task		Start-only		Critical Split			
Summary		Inactive Task		Duration-only		Finish-only		Progress			

**AMERICAN STRUCTUREPOINT, INC.
ATTACHMENT D: FEE SCHEDULE
WILLIAMSON COUNTY
County Road 258 - SWA1 TO WA1**

American Structurepoint Inc.

Task	American Structurepoint	SAM	Raba Kistner	SWCA	Doucet	Total Labor
1. Project Management and Coordination	\$7,125.00			\$7,088.00	\$5,300.00	\$19,513.00
2. Utility Coordination Support	\$2,135.00					\$2,135.00
3. Right of Way and Mapping	\$0.00	\$11,555.00				\$11,555.00
4. Environmental Services	\$0.00			\$53,210.00		\$53,210.00
5. Plan Preparation	\$132,180.00				\$23,785.00	\$155,965.00
6. Permits	\$2,050.00					\$2,050.00
7. Bidding Phase Services	\$6,475.00				\$1,390.00	\$7,865.00
Unit Costs and ODE	\$1,692.00	\$0.00	\$0.00	\$858.00		\$2,550.00
TOTAL (Fee to Complete Scoped Work)	\$151,657.00	\$11,555.00	\$0.00	\$61,156.00	\$30,475.00	\$254,843.00

Original WA1	\$593,868.00	\$66,832.60	\$61,876.12	\$79,802.00	\$77,525.00	\$879,903.72
Amount spent to date:	\$355,126.25	\$66,504.97	\$61,875.61	\$9,912.00	\$5,091.25	\$498,510.08
Amount remaining on original WA1	\$238,741.75	\$327.63	\$0.51	\$69,890.00	\$72,433.75	\$381,393.64

Reduction in overall fee for project						\$126,550.64
New total cap for WA1						\$753,353.08

AMERICAN STRUCTUREPOINT, INC.
ATTACHMENT D: FEE SCHEDULE
WILLIAMSON COUNTY
CR 258 - SWA1 TO WAI

American Structurepoint Inc.

Task	Senior Project Manager	Sr. QC Reviewer	Senior Project Engineer	Project Engineer	Design Engineer	EIT	Senior Technician	Technician	Sr. Traffic Engineer	Traffic Engineer	Total Hours	Total Labor
Rates	\$315.00	\$305.00	\$260.00	\$200.00	\$155.00	\$135.00	\$190.00	\$130.00	\$290.00	\$190.00		
1. Project Management and Coordination	15	0	0	12	0	0	0	0	0	0	27	\$ 7,125.00
a. Designate a PM for all communication with County	4			4							8	\$ 2,060.00
b. Monthly Progress Reports, Invoices , Including Deliverable Table (Assume 3 months)	3										3	\$ 945.00
c. Project Coordination and Administration	4			4							8	\$ 2,060.00
d. Progress/Coordination Meetings (2 assumed)	2			2							4	\$ 1,030.00
e. Project Schedule and Updates	2			2							4	\$ 1,030.00
2. Utility Coordination Support	1	0	0	2	4	4	0	2	0	0	13	\$ 2,135.00
a. Incorporate utility information into engineering drawings	1			2	4	4		2			13	\$ 2,135.00
5. Plan Preparation	19	27	46	189	100	232	40	106	0	0	759	\$ 132,180.00
a. Use Wilco criteria											0	\$ -
b. Roadway Design											0	\$ -
i. Refine horizontal and vertical alignments - P&P sheets	3	2		12	12	48		66			143	\$ 20,875.00
ii. Existing and proposed typical sections	1	1		3	4	8		8			25	\$ 3,960.00
iii. Create cross sections	2	2		4	32	24					64	\$ 10,240.00
c. Drainage											0	\$ -
i. Prepare hydraulic calculations	1	4		12	20	20					57	\$ 9,735.00
ii. Design storm sewer sheets	1	2		4	12	20		20			59	\$ 8,885.00
d. Signing, Markings, & Signalization											0	\$ -
iv. Prepare traffic signal sheets (assume 2 intersections)	4	14	46	140		80	40				324	\$ 63,890.00
f. Water quality											0	\$ -
i. Prepare water quality BMPs	2			2							4	\$ 1,030.00
ii. Develop draft and final TCEQ Contributing Zone Plan	4			8	10	20		6			48	\$ 7,890.00
iii. Prepare SW3P and EPIC sheet	1	2		4	10	12		6			35	\$ 5,675.00
6. Permits	2	0	0	4	4	0	0	0	0	0	10	\$ 2,050.00
a. Prepare necessary permits	2			4	4						10	\$ 2,050.00
7. Bidding Phase Services	7	2	0	7	6	6	0	4	0	0	32	\$ 6,475.00
a. Prepare all applicable construction documents for bidding	4	2		4	6	6		4			26	\$ 4,930.00
b. Attend pre-bid meeting, respond to bidder questions. Attend pre-construction conference	3			3							6	\$ 1,545.00
											0	\$ -
Total ASI Direct Labor Hours	44	29	46	214	114	242	40	112	0	0	841	
Percent of Total Hours	5%	3%	5%	25%	14%	29%	5%	13%	0%	0%		
Total ASI Direct Labor Cost												\$ 149,965.00

**FEE SCHEDULE (SAM, LLC) -
ATTACHMENT D - FEE SCHEDULE
DESIGN SURVEY**

Project: CR 258 - SWA1 TO WA1

TASK DESCRIPTION	SENIOR PROJECT MANAGER	PROJECT MANAGER	PROJECT COORDINATOR	SENIOR SURVEY TECHNICIAN	SURVEY TECHNICIAN	2-PERSON SURVEY CREW	FIELD COORDINATOR	TOTAL LABOR HRS. & COSTS
3. RIGHT OF WAY MAPPING								
Boundary Analysis/ROW Delineation	1	3	2	4	2			\$1,945.00
Prepare Preliminary ROW Documents including field notes (up to 2 parcels-1 property owner)		2	2	5	18			\$3,545.00
Prepare Final ROW Documents (up to 2 parcels-1 property owner)	1		1	1	2			\$775.00
ROW Staking (Up to 2 properties, one time only)		1	1	1	2	12	1	\$3,090.00
Establish ROW Monumentation (up to 12 iron rods)		1		1	2	8	1	\$2,200.00
ROW Mapping Sub-Total	2	7	6	12	26	20	2	\$11,555.00
CONTRACT RATE PER HOUR	\$500.00	\$1,435.00	\$900.00	\$1,620.00	\$3,120.00	\$3,700.00	\$280.00	
	\$250.00	\$205.00	\$150.00	\$135.00	\$120.00	\$185.00	\$140.00	

SUMMARY	
Design Survey Sub-Tota	\$0.00
NON-SALARY (OTHER DIRECT EXPENSES)	\$0.00
TOTAL SAM SURVEY	\$11,555.00

**ATTACHMENT D: FEE SCHEDULE
WILLIAMSON COUNTY
CR 258 - SWA1 TO WA1**

SWCA

Task	Subject Matter Expert IV	Subject Matter Expert III	Subject Matter Expert II	Subject Matter Expert I	Specialist XII	Specialist XI	Specialist X	Specialist IX	Specialist VIII	Specialist VII	Specialist VI	Specialist V	Specialist IV	Specialist III	Specialist II	Specialist I	Total Hours	Total Labor
Rates	\$293.00	\$268.00	\$242.00	\$230.00	\$226.00	\$207.00	\$189.00	\$169.00	\$158.00	\$147.00	\$137.00	\$123.00	\$114.00	\$104.00	\$91.00	\$77.00		
1. Project Management and Coordination																	40	\$ 7,088.00
b. Monthly Progress Reports, Invoices , Including Deliverable Table					8								16				24	\$ 3,472.00
d. Project Coordination and Administration					16												16	\$ 3,616.00
4. Environmental Services																	390	\$ 53,210.00
b. Hazardous Materials Initial Site Assessment				6					20		10	10		16			62	\$ 8,804.00
c. Section 404 Clean Water Act Compliance				2					32			12		16			62	\$ 8,656.00
d. Endangered Species Act Compliance				6			4		50		10	14		24			108	\$ 15,624.00
e. Historical Site Compliance			1					2			24		2				29	\$ 4,096.00
f. Texas Antiquities Code (TAC) Compliance			1					12		2	18	24	56	16			129	\$ 16,030.00
g. Deliverables																	0	\$ -
																	0	\$ -
SUBCONSULTANTS																		
Total SWCA Direct Labor Hours	0	0	2	14	24	0	4	14	102	2	62	60	58	88	0	0	430	
Percent of Total Hours	0%	0%	0%	3%	6%	0%	1%	3%	24%	0%	14%	14%	13%	20%	0%	0%		
Total SWCA Direct Labor Cost																		\$ 60,298.00
Total SWCA Other Direct Expenses																		\$ 858.00
TOTAL SWCA COST																		\$ 61,156.00

**ATTACHMENT D: FEE SCHEDULE
WILLIAMSON COUNTY
CR 258**

Other Direct Expenses (American Structurepoint, Inc.)

Direct Expenses	Rate	Unit	Quantity	Cost
CADD Color Plotting (Per SQ FT)	\$ 1.50	Square Feet	1000	\$ 1,500.00
Photocopies B/W (8.5x11)	\$ 0.15	Each	50	\$ 7.50
Photocopies B/W (11x17)	\$ 0.60	Each	100	\$ 60.00
Color Copies (8.5x11)	\$ 0.49	Each	50	\$ 24.50
Color Copies (11x17)	\$ 1.00	Each	100	\$ 100.00
Mileage	\$ 0.66	Miles	100	\$ 65.50
SUB TOTAL				\$ 1,692.00
SWCA				
Mileage	\$ 0.66	Miles	520	\$ 343.20
Photocopies B/W (8.5x11)	\$ 0.15	Each	1000	\$ 150.00
Color Copies (8.5x11)	\$ 0.49	Each	20	\$ 9.80
Materials/Supplies	\$ 10.00	Day	3	\$ 30.00
HazMat supplemental records	\$ 300.00	Each	1	\$ 300.00
Overnight Mail- letter size	\$ 25.00	Each	1	\$ 25.00
SUB TOTAL				\$ 858.00
TOTAL				\$ 2,550.00