

**SUPPLEMENTAL WORK AUTHORIZATION NO. 2  
TO  
WORK AUTHORIZATION NO. 1**

**WILLIAMSON COUNTY ROAD BOND PROJECT:  
PROJECT: CR 305**

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This Supplemental Work Authorization No. 2 to Work Authorization No. 1 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 RS&H, Inc. (the "Engineer").

WHEREAS, the County and the Engineer executed Work Authorization No. 1 dated effective April 2, 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:

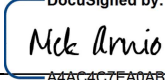
- I. The Services to be Provided by the Engineer that were set out in the original Attachment "B" of the Work Authorization are hereby amended, changed and modified as shown in the attached revised Attachment "B-2" (must be attached).
- II. The Work Authorization shall terminate on November 30, 2025. 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 "C-2" (must be attached).
- III. The maximum amount payable for services under the Work Authorization is hereby increased from \$893,724.89 to \$1,050,885.17. The revised Fee Schedule is attached hereto as Attachment "D-2" (must be attached).

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:


By:   
A4AC4C7EA0AB41B...  
Signature

Nicholi A. Arnio, PE, PTOE, ENV SP  
Printed Name

Vice President  
Title

June 9, 2025  
Date

COUNTY:

By:   
Steve Snell (Jun 17, 2025 21:23 CDT)  
Signature

Steve Snell  
Printed Name

County Judge  
Title

06/17/2025  
Date

LIST OF ATTACHMENTS

- Attachment B-2 – Services to be Provided by the Engineer for CR 305
- Attachment C-2 - Work Schedule
- Attachment D-2 – Fee Schedule

**APPROVED**  
By Christen Eschberger at 1:52 pm, Jun 10, 2025

## ATTACHMENT B -2

### SERVICES TO BE PROVIDED BY THE ENGINEERFOR CR 305

#### PROJECT DESCRIPTION

##### Project Limits

Project Limits are from IH 35 to CR 307 including the intersection, an approximate length of 1.5 miles.

##### Existing Facility

The existing facility is a 2-lane uncurbed asphalt facility with two cross culverts within the project limits. The existing intersection with CR 307 is uncontrolled and the intersection with the IH 35 frontage roads is 4-way stop controlled. The existing ROW is generally 50'.

##### Proposed Facility

Proposed facility consists of construction of an interim uncurbed 3-lane section, which is one half of an ultimate 6-lane divided facility. There are bridges proposed at two stream crossings with 50' spans.

##### Design Criteria

The proposed design criteria for the project will be developed from the Williamson County and TxDOT, and City of Jarrell design criteria. TxDOT Criteria only applies to portions the project within TxDOT ROW (I-35). City of Jarrell criteria only applies to portions of the project within City ROW. It is anticipated that in most cases the most stringent of the design criteria will be used. If there is a conflict, the Engineer will notify the County to provide clarification.

#### 1. PROJECT MANAGEMENT

- a. MONTHLY PROGRESS REPORTS, INVOICES, AND BILLINGS (2 additional for a total of 12 meetings):
  - Submit monthly progress status reports to the GEC. Progress reports will include: 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.
  - If the project exceeds the assumed duration as noted, additional scope and fee modifications may be required.
- b. PROGRESS/COORDINATION MEETINGS (2 additional for a total of 24 external meetings assumed):
- 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.
- c. PROJECT DOCUMENTS/FILES:
- No Change
- d. DELIVERABLES (electronic only):
- Monthly Invoices and Progress Reports including Deliverable Table
  - Meeting Minutes, Sign-In Sheets, and Agendas
2. ROUTE AND DESIGN STUDIES
- No Change
3. PUBLIC INVOLVEMENT
- No Change
4. UTILITY COORDINATION SUPPORT
- No Change
5. RIGHT OF WAY (ROW) AND MAPPING
- No Change
6. SURVEYING

- No Change

## 7. SCHEMATIC DEVELOPMENT

### a. SCHEMATIC:

- Update Final Schematic that will address the comments received from the County on 1/27/2025. Updates to include final schematic submittal per Williamson County submittal requirements and selected design criteria including proposed cross sections, typical sections, roadway centerline, proposed drainage structures, direction of flow and number of travel lanes, intersecting streets, property boundaries and information, ROW and easement locations, preliminary pavement section, driveway locations, horizontal alignment data, profile data, identification of known utilities, retaining wall and bridge locations.
- Redesign of the CR 307 & CR 305 intersection to meet Williamson County's Long Range Transportation Plan (LRTP).

### b. DELIVERABLES:

- Final Schematic Submittal including cost estimate per comments received from the County on 1/27/2025.

## 8. DRAINAGE STUDY

- ### a. HYDROLOGIC/HYDRAULIC MODELING (update proposed onsite IC and calculations at CR 305/CR 307 intersection.. Analysis includes widening CR 305 at CR 305/CR 307 intersection and does not include widening along CR 307, 1 cross structure and three outfall ditches assumed):
- Update hydrologic and hydraulic models or modify existing models (FEMA, drainage districts, river authorities, cities, etc.) if available, to define the drainage infrastructure required for the project at CR 305/CR 307 intersection improvement. Detail the methodologies employed and recommendations. The analysis will include: preparation of a preliminary design of the right of way drainage system, cross drainage structures, right-of-way drainage, major channel crossings to reflect the existing and proposed conditions, recommended minimum pavement elevations based on cross drainage flood elevations, right of way requirements, identify potential needs for FEMA

Coordination. HEC-RAS shall be utilized for all stream modeling. HY-8 will be utilized for all culverts. Atlas 14 impacts will be reviewed and incorporated.

- Develop existing channel cross sections based on data collection.
- Exhibits and analysis will be prepared in the GIS environment to the extent practical.
- Services will be completed for full build-out, ultimate design conditions. Update to the interim conditions analysis is excluded.
- If the number of channel crossings and structures exceeds the assumed number as noted, additional scope and fee modifications may be required.
- The following hydrologic and hydraulic items are excluded from this supplemental, and should be completed during PS&E:
  - Updates to HEC-RAS and HY-8 models for the following: Crossing A, B, and C.
  - Updated to impervious cover delineation due to roadway re-alignment
  - Updated proposed hydrologic calculations due to roadway re-alignment.

b. IMPACT AND MITIGATION ANALYSIS:

- Re-evaluate an impact analysis at CR 305/CR 307 intersection improvements to determine increases in peak flow rates for the 100-year storm including: existing and proposed peak flow rates, mitigation analysis, conceptual detention basin layouts, design of control structures, routing of storm hydrographs through basins, calculate the volume of fill to be placed in the 100-year floodplain, and recommend locations for compensatory storage. Provide preliminary analysis for interim and ultimate roadway design to determine ROW footprint.
- An updated impact assessment is excluded from the scope at locations impacted by the roadway realignment.

c. TCEQ WATER QUALITY ANALYSIS:

- Re-evaluate the TSS removal required based on the TCEQ Edwards Aquifer requirements for increased impervious cover for ultimate roadway footprint at intersection improvement. Analysis includes widening CR 305 at CR 305/CR 307 intersection and does not include widening along CR 307.
- Develop proposed water quality controls for the ultimate phase that would be required to remove a minimum of 80% of the increase in the annual mas loading of TSS caused by the proposed project. Detailed water quality design is not included.
- Develop high-level exhibits which show proposed BMP's and associated treatment areas.
- Re-evaluating the TSS removal and BMP design for the following ponds due to the roadway realignment is excluded from this scope: Pond B-1, A-2, and A-1.

d. DELIVERABLES (electronic only):

- Supplemental Addendum Memorandum
- Excluded Deliverables:
  - Updates to Final Drainage Report.
  - Updates to Final Water Quality Report.

9. ENVIRONMENTAL SERVICES - Due to anticipated design changes to address Final Submittal comments,

a. COUNTY DUE DILIGENCE:

- No Change

b. DATA COLLECTION & FIELD RECONNAISSANCE:

- Obtain and update periodically publicly available information including but not limited to: locations of public buildings (schools, churches, parks), aerial photography, National Wetland Inventory maps, County Soil Survey maps, TCEQ & EPA Hazardous Materials Database information, FEMA floodplain information, vegetation information, environmental information from the

appropriate local, state, or federal agencies, including for state and federally-listed species, Edwards Aquifer information.

- Conduct a regulatory records review to identify listed hazardous waste generators, treatment, storage and disposal facilities; solid waste landfills, unauthorized sites; documented spills; oil and gas exploration and production sites; and underground storage tank sites within the proposed site location. The review will also identify other environmental risks along the project corridor.
- Conduct field reconnaissance to visually inspect the project site for additional risks and field verify any environmental risks identified by the regulatory records review.

c. HAZARDOUS MATERIALS INITIAL SITE ASSESSMENT:

- Prepare a Hazardous Materials Initial Site Assessment (ISA) based on the data collection and field reconnaissance conducted and identify potential hazardous material sites that may be impacted by the proposed project.

d. 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 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 Fort Worth District review and issuance of a permit.

e. 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.

f. 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.

g. TEXAS ANTIQUITIES CODE (TAC) COMPLIANCE:

- Prepare a Project Initiation Letter based on data collection and field reconnaissance.

h. DELIVERABLES (electronic only):

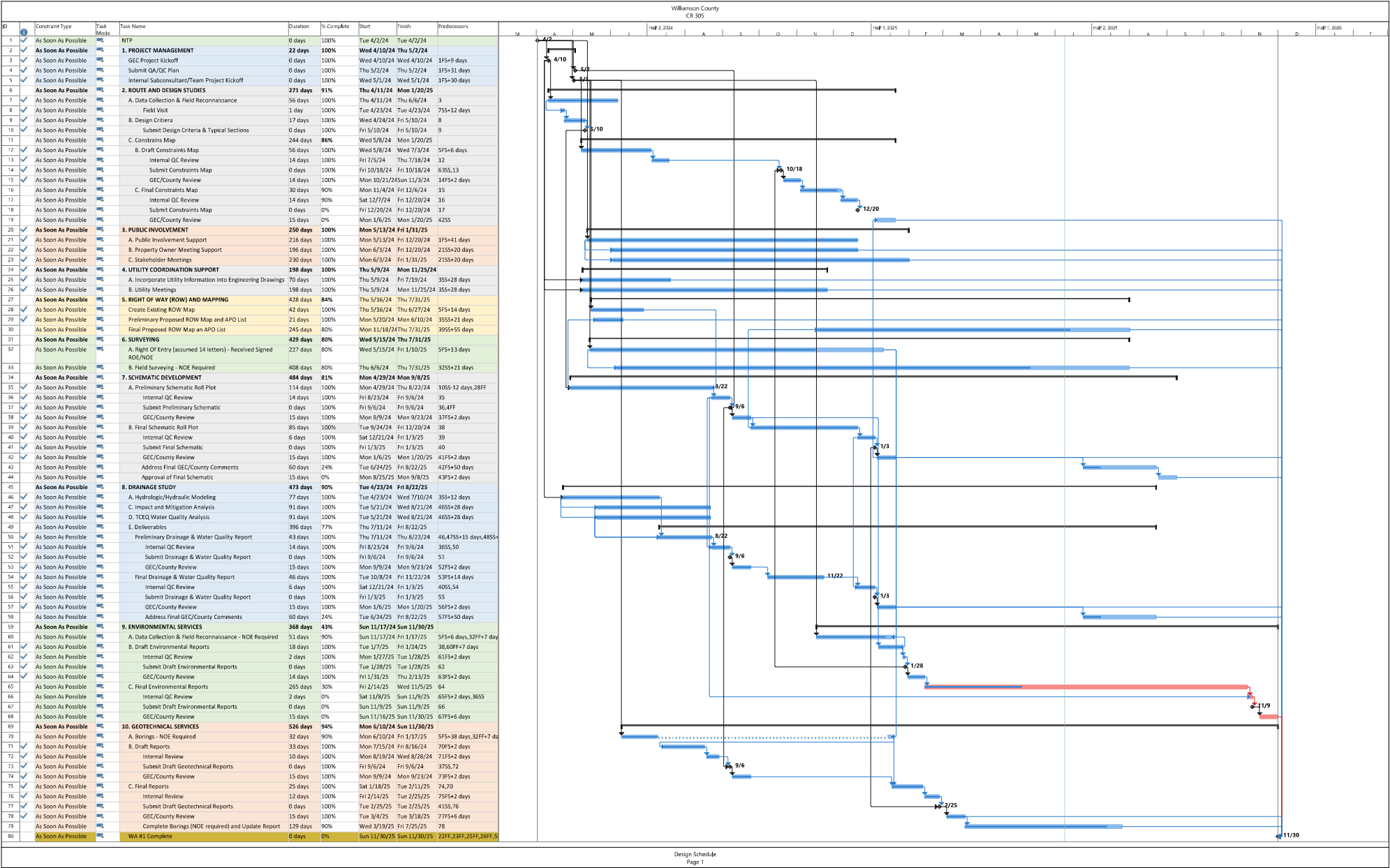
- Draft & Final Regulatory Records Review
- Draft & Final Hazardous Materials Initial Site Assessment (ISA) Report
- Draft & Final Wetlands Determination/Jurisdictional Waters Determination (if necessary)
- Final Endangered Species Letter
- Draft & Final Historic Building Survey
- Draft & Final Archeological Resources Project Initiation Letter

10. GEOTECHNICAL SERVICES

- No Change

11. EXCLUSIONS

- No Change



**ATTACHMENT D-2**  
**Fee Schedule**

4.11-CR 305  
WA#1  
Supplemental #2

Please note that the changes reflect an approximate 10 or 30 feet of adjustment, applicable only to a specific roadway segment -- not the entire project length. The roadway alignment tapers back to the final schematic alignment by STA 1149+00. In other words, some of the calculations, reports, and related documentation pertain only to specific areas, rather than the full project corridor.

**Prime Provider: RS&H, Inc.**

SUMMARY									
TASK	TASK DESCRIPTION	RS&H		Hicks		EDGE		TOTALS	
		Hours	Cost	Hours	Cost	Hours	Cost	Hours	Total
PS&E DESIGN									
1	PROJECT MANAGEMENT	60	\$ 12,858.00		\$ -		\$ -	60	\$ 12,858.00
2	ROUTE AND DESIGN STUDIES	0	\$ -		\$ -		\$ -	0	\$ -
3	PUBLIC INVOLVEMENT	0	\$ -		\$ -		\$ -	0	\$ -
4	UTILITY COORDINATION SUPPORT	0	\$ -		\$ -		\$ -	0	\$ -
5	RIGHT OF WAY (ROW) AND MAPPING	0	\$ -		\$ -		\$ -	0	\$ -
6	SURVEYING	0	\$ -		\$ -		\$ -	0	\$ -
7	SCHEMATIC DEVELOPMENT	458	\$ 81,580.00		\$ -	26	\$ 4,510.00	484	\$ 86,090.00
8	DRAINAGE STUDY	6	\$ 1,750.00		\$ -	204	\$ 31,870.00	210	\$ 33,620.00
9	ENVIRONMENTAL SERVICES	6	\$ 1,750.00	180	\$ 22,142.28		\$ -	186	\$ 23,892.28
10	GEOTECHNICAL SERVICES	0	\$ -		\$ -		\$ -	0	\$ -
LABOR TOTALS		530	\$ 97,938.00	180	\$ 22,142.28	230	\$ 36,380.00	940	\$ 156,460.28
Direct Expenses			\$ -		\$ 700.00		\$ -		\$ 700.00
TOTAL COST			\$ 97,938.00		\$ 22,842.28		\$ 36,380.00		\$ 157,160.28
Percentage Breakdown			62.32%		14.53%		23.15%		100.00%

ATTACHMENT D-2  
Fee Schedule

4.11-CR 305  
WA#1  
Supplemental #2

Project: CR 305  
Prime Consultant: RS&H  
Subconsultant:  
Proposed Date: 06/04/25  
Prepared By: Bennett Love

TASK DESCRIPTION	PROJECT PRINCIPAL	PROJECT MANAGER	SENIOR QC REVIEWER	SENIOR PROJECT ENGINEER	PROJECT ENGINEER	DESIGN ENGINEER	JR. ENGINEER	ET	SENIOR GIS TECHNICIAN	SR ENGINEER TECHNICIAN	CADD OPERATOR	SENIOR ENV PROJECT MANAGER	SENIOR ENVIRONMENTAL PLANNER	ENVIRONMENTAL SCIENTIST	SENIOR STRUCTURAL ENGINEER	STRUCTURAL ENGINEER	JR. STRUCTURAL ENGINEER	SENIOR DRAINAGE ENGINEER	TRAFFIC ENGINEER	ADMIN/ CLERICAL	TOTAL LABOR HRS. & COSTS
CONTRACT RATE PER HOUR	\$310.00	\$295.00	\$290.00	\$275.00	\$200.00	\$170.00	\$145.00	\$118.00	\$180.00	\$167.00	\$90.00	\$204.00	\$185.00	\$100.00	\$290.00	\$215.00	\$155.00	\$200.00	\$181.00	\$110.00	
1. PROJECT MANAGEMENT																					0
B. Monthly Progress Report, Invoices & Billings (10 months assumed)																					0
Monthly Progress Status Reports to GEC		2			2															8	4
Invoicing and Billing		2																			10
C. Quality Assurance and Quality Control (QA/QC) Plan																					0
Develop Project QA/QC Plan																					0
D. Project Coordination & Administration																					0
Documentation of Internal QA/QC Review of Plans Development																					0
Project Record Keeping of Meetings and Minutes																					0
Manage Project Activities																					0
Develop Project Management Plan																					0
Direct Team/Staff																					0
E. Progress/Coordination Meetings (20 external meetings assumed)																					0
Kickoff Meeting																					0
Coordination/Progress Meetings with County and GEC		2				2	2	2													8
Prepare Agenda and Speech Sheets																					1
Prepare Meeting Minutes		1																			1
Internal/Subconsultant coordination meetings		18			4	4	4	4													36
F. Project Schedule																					0
G. Project Documents/Files																					0
Subtotal Hours	0	24	0	4	6	6	6	6	0	0	0	0	0	0	0	0	0	0	0	8	60
Subtotal Labor Fee	\$0.00	\$7,080.00	\$0.00	\$1,100.00	\$1,200.00	\$1,020.00	\$870.00	\$708.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$880.00	\$12,886.00
TASK DESCRIPTION	PROJECT PRINCIPAL	PROJECT MANAGER	SENIOR QC REVIEWER	SENIOR PROJECT ENGINEER	PROJECT ENGINEER	DESIGN ENGINEER	JR. ENGINEER	ET	SENIOR GIS TECHNICIAN	SR ENGINEER TECHNICIAN	CADD OPERATOR	SENIOR ENV PROJECT MANAGER	SENIOR ENVIRONMENTAL PLANNER	ENVIRONMENTAL SCIENTIST	SENIOR STRUCTURAL ENGINEER	STRUCTURAL ENGINEER	JR. STRUCTURAL ENGINEER	SENIOR DRAINAGE ENGINEER	TRAFFIC ENGINEER	ADMIN/ CLERICAL	TOTAL LABOR HRS. & COSTS
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2. ROUTE AND DESIGN STUDIES																					0
A. Data Collection																					0
Record Research of Existing Information, Data, Plans, and Studies																					0
F&H Investigation																					0
Property Ownership Information Database																					0
Review Aerial Photography and Contours																					0
Obtain available existing Traffic Counts																					0
Review Collected Data																					0
B. Design Criteria																					0
Design Summary Form																					0
Typical Sections																					0
C. Constraints Map (1 preliminary alternative)																					0
Constraints Map and Technical Memorandum																					0
Environmental Constraint																					0
Evaluate Traffic Growth Patterns for Ultimate Roadway																					0
Develop Preliminary Alternative and Preliminary Cost																					0
Refine Preliminary Alternative																					0
Subtotal Hours	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Labor Fee	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
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3. PUBLIC INVOLVEMENT																					0
A. Public Involvement Support																					0
Review Project Public Involvement Plan (Prepared By Others)																					0
Provide Information (Data for Fact Sheets and P&AP Exhibits for Website and Other Project Information (3 exhibit assumed)																					0
B. Property Owner Meeting Support																					0
Prepare Materials/Property Owner Exhibits (14 meetings)																					0
Attend Individual Property Owner Meeting (up to 14 meetings)																					0
C. Stakeholder Meetings																					0
Coordinate with affected state and local agencies and County's consultants																					0
Agendas, exhibits, and meeting minutes (up to 2 stakeholder meetings)																					0
Subtotal Hours	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Labor Fee	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
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4. UTILITY COORDINATION SUPPORT																					0
A. Incorporate Utility Information into Engineering Drawings																					0
B. Utility Meetings																					0
Meet with Utility Coordinator and Review Impacts/Approach (up to 6 meetings)																					0
Meeting with Utility Owners as requested (up to 6 meetings)																					0
Subtotal Hours	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Labor Fee	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
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5. RIGHT OF WAY (ROW) AND MAPPING																					0
A. ROW Map																					0
Research and compile desktop records																					0
Public Working plans from Record Data																					0
Calculate approximate search data to recover ROW monumentation																					0
Place initial pins to recover ROW monumentation																					0
Draft Preliminary ROW Map and List of Impacted Tracts																					0
Final ROW Map and Affected Property Owner List																					0
Subtotal Hours	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Labor Fee	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

ATTACHMENT D-2  
Fee Schedule

4.11-CR 305  
WA#1  
Supplemental #2

Project: CR 305 Prime Consultant: R&H																					
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6. SURVEYING																					0
A. Right Of Entry (Assumed 14 letters)																					0
B. Field Surveying																					0
Survey Corridor Area																					0
2D and 3D MicroStation Files (Grid or Datum)																					0
Subtotal Hours	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Labor Fee	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TASK DESCRIPTION	PROJECT PRINCIPAL	PROJECT MANAGER	SENIOR QC REVIEWER	SENIOR PROJECT ENGINEER	PROJECT ENGINEER	DESIGN ENGINEER	JR ENGINEER	ITT	SENIOR GIS TECHNICIAN	SR ENGINEER TECHNICIAN	CADD OPERATOR	SENIOR ENV PROJECT MANAGER	SENIOR ENVIRONMENTAL PLANNER	ENVIRONMENTAL SCIENTIST	SENIOR STRUCTURAL ENGINEER	STRUCTURAL ENGINEER	JR STRUCTURAL ENGINEER	SENIOR DRAINAGE ENGINEER	TRAFFIC ENGINEER	ADMIN/ CLERICAL	TOTAL LABOR HRS. & COSTS
CONTRACT RATE PER HOUR	\$310.00	\$295.00	\$290.00	\$275.00	\$200.00	\$170.00	\$145.00	\$118.00	\$180.00	\$167.00	\$90.00	\$204.00	\$185.00	\$100.00	\$290.00	\$215.00	\$155.00	\$200.00	\$181.00	\$110.00	
7. SCHEMATIC DEVELOPMENT																					0
A. Schematic																					0
Preliminary Schematic Roll Plot																					0
General and Layout (Title Plate/Blocks, Project Designations, Road Class)																					0
Typical Sections																					0
Cross Sections																					0
Traffic Control/Construction Sequence																					0
Schematic Plan & Profile																					0
Construction Cost Estimate																					0
Construction Time Determination																					0
Final Schematic Roll Plot																					0
General and Layout																					0
Typical Sections																					0
Cross Sections, Sidestreets, and Driveways	1	24	10	8	48			120													209
Traffic Control/Construction Sequence																					0
Schematic Plan & Profile		14	10	16	50			80													170
Construction Cost Estimate	1	2			4																7
Construction Time Determination			12	10				40													72
CR 307 & CR 305 Intersection Reconfiguration																					0
Subtotal Hours	2	52	30	24	110	0	0	240	0	0	0	0	0	0	0	0	0	0	0	0	458
Subtotal Labor Fee	\$620.00	\$15,340.00	\$8,700.00	\$6,600.00	\$22,000.00	\$0.00	\$0.00	\$28,320.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$81,590.00
TASK DESCRIPTION	PROJECT PRINCIPAL	PROJECT MANAGER	SENIOR QC REVIEWER	SENIOR PROJECT ENGINEER	PROJECT ENGINEER	DESIGN ENGINEER	JR ENGINEER	ITT	SENIOR GIS TECHNICIAN	SR ENGINEER TECHNICIAN	CADD OPERATOR	SENIOR ENV PROJECT MANAGER	SENIOR ENVIRONMENTAL PLANNER	ENVIRONMENTAL SCIENTIST	SENIOR STRUCTURAL ENGINEER	STRUCTURAL ENGINEER	JR STRUCTURAL ENGINEER	SENIOR DRAINAGE ENGINEER	TRAFFIC ENGINEER	ADMIN/ CLERICAL	TOTAL LABOR HRS. & COSTS
CONTRACT RATE PER HOUR	\$310.00	\$295.00	\$290.00	\$275.00	\$200.00	\$170.00	\$145.00	\$118.00	\$180.00	\$167.00	\$90.00	\$204.00	\$185.00	\$100.00	\$290.00	\$215.00	\$155.00	\$200.00	\$181.00	\$110.00	
8. DRAINAGE STUDY		2	4																		6
A. Hydrologic/Hydraulic Modeling (2 major channel crossings, 1 cross drainage structures)																					0
C. Impact and Mitigation Analysis																					0
Subtotal Hours	0	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Subtotal Labor Fee	\$0.00	\$590.00	\$1,180.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,750.00
TASK DESCRIPTION	PROJECT PRINCIPAL	PROJECT MANAGER	SENIOR QC REVIEWER	SENIOR PROJECT ENGINEER	PROJECT ENGINEER	DESIGN ENGINEER	JR ENGINEER	ITT	SENIOR GIS TECHNICIAN	SR ENGINEER TECHNICIAN	CADD OPERATOR	SENIOR ENV PROJECT MANAGER	SENIOR ENVIRONMENTAL PLANNER	ENVIRONMENTAL SCIENTIST	SENIOR STRUCTURAL ENGINEER	STRUCTURAL ENGINEER	JR STRUCTURAL ENGINEER	SENIOR DRAINAGE ENGINEER	TRAFFIC ENGINEER	ADMIN/ CLERICAL	TOTAL LABOR HRS. & COSTS
CONTRACT RATE PER HOUR	\$310.00	\$295.00	\$290.00	\$275.00	\$200.00	\$170.00	\$145.00	\$118.00	\$180.00	\$167.00	\$90.00	\$204.00	\$185.00	\$100.00	\$290.00	\$215.00	\$155.00	\$200.00	\$181.00	\$110.00	
9. ENVIRONMENTAL SERVICES		2	4																		6
A. County Due Diligence																					0
B. Data Collection & Field Reconnaissance																					0
C. Hazardous Materials Initial Site Assessment																					0
D. Section 404 Clean Water Act Compliance																					0
E. Endangered Species Act Compliance																					0
F. Historical Site Compliance																					0
G. Texas Antiquities Code (ITAC) Compliance																					0
Subtotal Hours	0	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Subtotal Labor Fee	\$0.00	\$590.00	\$1,180.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,750.00
TASK DESCRIPTION	PROJECT PRINCIPAL	PROJECT MANAGER	SENIOR QC REVIEWER	SENIOR PROJECT ENGINEER	PROJECT ENGINEER	DESIGN ENGINEER	JR ENGINEER	ITT	SENIOR GIS TECHNICIAN	SR ENGINEER TECHNICIAN	CADD OPERATOR	SENIOR ENV PROJECT MANAGER	SENIOR ENVIRONMENTAL PLANNER	ENVIRONMENTAL SCIENTIST	SENIOR STRUCTURAL ENGINEER	STRUCTURAL ENGINEER	JR STRUCTURAL ENGINEER	SENIOR DRAINAGE ENGINEER	TRAFFIC ENGINEER	ADMIN/ CLERICAL	TOTAL LABOR HRS. & COSTS
CONTRACT RATE PER HOUR	\$310.00	\$295.00	\$290.00	\$275.00	\$200.00	\$170.00	\$145.00	\$118.00	\$180.00	\$167.00	\$90.00	\$204.00	\$185.00	\$100.00	\$290.00	\$215.00	\$155.00	\$200.00	\$181.00	\$110.00	
10. GEOTECHNICAL SERVICES																					0
A. Rettings																					0
B. Geotechnical Reports																					0
Subtotal Hours	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Labor Fee	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
DESCRIPTION																				TOTAL MH BY TASK	TOTAL COSTS TASK
1. PROJECT MANAGEMENT																				60	\$12,658.00
2. ROUTE AND DESIGN STUDIES																				0	\$0.00
3. PUBLIC INVOLVEMENT																				0	\$0.00
4. UTILITY COORDINATION SUPPORT																				0	\$0.00
5. RIGHT OF WAY (ROW) AND MAPPING																				0	\$0.00
6. SURVEYING																				0	\$0.00
7. SCHEMATIC DEVELOPMENT																				458	\$81,590.00
8. DRAINAGE STUDY																				6	\$1,750.00
9. ENVIRONMENTAL SERVICES																				6	\$1,750.00
10. GEOTECHNICAL SERVICES																				0	\$0.00
SUBTOTAL LABOR EXPENSES																				530	\$ 97,938.00

ATTACHMENT D-2  
Fee Schedule

4.11-CR 305  
WA#1  
Supplemental #2

Project: CR 305 Prime Consultant: RS&H																	
DIRECT EXPENSES	QUANTITY	COST	UNIT														TOTAL
Mileage		\$ 0.670	mile														\$ -
Rental Car (Includes taxes and fees. Insurance costs will not be reimbursed)		\$ 100.00	day														\$ -
Rental Car Fuel		\$ 6.00	gallon														\$ -
Parking - per day		\$ 30.00	day														\$ -
Toll Charges - each		\$ 20.00	day														\$ -
Meals per day (Overnight stay required)		\$ 64.00	day/person														\$ -
Standard Postage - Current Postal Rate		\$ 0.68	each														\$ -
Certified Letter Return Receipt - Current Postal Rate		\$ 15.00	each														\$ -
Overnight Mail - letter size - Current Postal Rate		\$ 35.00	max each														\$ -
Overnight Mail - oversized box		\$ 100.00	max each														\$ -
Courier Services		\$ 45.00	each														\$ -
Photocopies B/W (11" X 17")		\$ 0.25	each														\$ -
Photocopies B/W (8 1/2" X 11")		\$ 0.15	each														\$ -
Photocopies Color (11" X 17")		\$ 1.25	each														\$ -
Photocopies Color (8 1/2" X 11")		\$ 1.00	each														\$ -
Plots (B/W on Bond)		\$ 1.00	per sq. ft.														\$ -
Plots (Color on Bond)		\$ 1.75	per sq. ft.														\$ -
Plots (Color on Photographic Paper)		\$ 3.00	per sq. ft.														\$ -
Color Graphics on Foam Board		\$ 20.00	per sq. ft.														\$ -
Presentation Boards 36" X 48" Color Mounted		\$ 100.00	max each														\$ -
Report Binding and Labeling		\$ 10.00	each														\$ -
Reproduction of CD/DVD - each		\$ 2.00	each														\$ -
USB Flashdrive (up to 32 GB)		\$ 10.00	each														\$ -
SUBTOTAL DIRECT EXPENSES																	\$ -
SUBCONTRACTS:																	
AGC																	\$ -
Raba Kistner																	\$ -
Hicks Environmental																	\$ 22,842.28
EDGE Engineering																	\$ 36,360.00
HDR																	\$ -
SUBCONTRACT SUB-TOTAL																	\$ 59,202.28
SUMMARY																	
TOTAL COSTS FOR PRIME ONLY (includes multiplier)		\$	97,038.00														
NON-SALARY (OTHER DIRECT EXPENSES)		\$	-														
SUBCONTRACTS (includes labor costs and direct expenses)		\$	59,222.28														
GRAND TOTAL		\$	157,160.28														

# ATTACHMENT D-2 Fee Schedule

4.11-CR 305  
WA#1  
Supplemental #2

Project: CR 305  
Prime Consultant: RS&H  
Subconsultant: Hicks  
Proposal Date: 5/28/2025  
Prepared By: Hicks

TASK DESCRIPTION	Sr. Project Manager	Sr. Environmental Planner	Sr. Environmental Scientist	Sr. Environmental Specialist	Environmental Planner IV	Environmental Scientist IV	Environmental Specialist IV	Environmental Scientist III	Environmental Specialist III	Environmental Scientist II	Environmental Specialist I	Admin/ Clerical	TOTAL LABOR HRS. & COSTS
CONTRACT RATE PER HOUR	\$190.64	\$164.45	\$147.47	\$143.82	\$138.61	\$131.25	\$123.36	\$111.44	\$104.43	\$100.93	\$91.83	\$85.00	
2. ROUTE AND DESIGN STUDIES													
C. Constraints Mapping													0
Subtotal Hours	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Labor Fee	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

TASK DESCRIPTION	Sr. Project Manager	Sr. Environmental Planner	Sr. Environmental Scientist	Sr. Environmental Specialist	Environmental Planner IV	Environmental Scientist IV	Environmental Specialist IV	Environmental Scientist III	Environmental Specialist III	Environmental Scientist II	Environmental Specialist I	Admin/ Clerical	TOTAL LABOR HRS. & COSTS
CONTRACT RATE PER HOUR	\$190.64	\$164.45	\$147.47	\$143.82	\$138.61	\$131.25	\$123.36	\$111.44	\$104.43	\$100.93	\$91.83	\$85.00	
9. ENVIRONMENTAL SERVICES													
A. County Due Diligence													0
B. Data Collection & Field Reconnaissance													0
C. Hazardous Materials Initial Site Assessment		2						4		20		2	28
D. Section 404 Clean Water Act Compliance		10	12				30						60
E. Biological Resources		8	6			8			18	18			58
F. Historical Resources		4						4	4			2	14
G. Archeological Resources		4	2			8			4			2	20
													0
Subtotal Hours	0	28	20	0	0	16	30	8	34	38	0	6	180
Subtotal Labor Fee	\$0.00	\$4,604.60	\$2,949.40	\$0.00	\$0.00	\$2,100.00	\$3,700.80	\$891.52	\$3,550.62	\$3,835.34	\$0.00	\$510.00	\$22,142.28

DESCRIPTION	TOTAL COSTS TASK												
2. ROUTE AND DESIGN STUDIES													\$0.00
9. ENVIRONMENTAL SERVICES													\$22,142.28
SUBTOTAL LABOR EXPENSES													\$22,142.28

DIRECT EXPENSES	QUANTITY	COST	UNIT										TOTAL
Regulatory Database Search	1	\$ 700.00	ea										\$ 700.00
Dosimeter Rental		\$ 100.00	ea										\$ -
SUBTOTAL DIRECT EXPENSES													\$ 700.00

SUMMARY	
TOTAL COSTS FOR PRIME ONLY (includes multiplier)	\$ 22,142.28
NON-SALARY (OTHER DIRECT EXPENSES)	\$ 700.00
GRAND TOTAL	\$ 22,842.28

# ATTACHMENT D-2 Fee Schedule

4.11-CR 305  
WA#1  
Supplemental #2

Project: CR 305  
Prime Consultant: RS&H  
Subconsultant: Edge  
Proposal Date: 06-04-25  
Prepared By: Brenna Vonasek

TASK DESCRIPTION	PROJECT MANAGER	SENIOR QC REVIEWER	SENIOR DRAINAGE ENGINEER	PROJECT ENGINEER	DESIGN ENGINEER	EIT	TOTAL LABOR HRS. & COSTS
CONTRACT RATE PER HOUR	\$300.00	\$290.00	\$260.00	\$200.00	\$165.00	\$125.00	
<b>7. SCHEMATIC DEVELOPMENT</b>							
a. Schematic - update cost estimate and support on roll plot and XS submittal	4				14	8	26
<i>Subtotal Hours</i>	4	0	0	0	14	8	26
<i>Subtotal Labor Fee</i>	\$1,200.00	\$0.00	\$0.00	\$0.00	\$2,310.00	\$1,000.00	\$4,510.00

TASK DESCRIPTION	PROJECT MANAGER	SENIOR QC REVIEWER	SENIOR DRAINAGE ENGINEER	PROJECT ENGINEER	DESIGN ENGINEER	EIT	TOTAL LABOR HRS. & COSTS
CONTRACT RATE PER HOUR	\$300.00	\$290.00	\$260.00	\$200.00	\$165.00	\$125.00	
<b>8. DRAINAGE STUDY</b>							
a.1 Hydrologic Modeling (update proposed onsite IC and calculations for CR 305 intersection improvements and alignment change)	1	2			6	16	25
a.2 Hydraulic Modeling (update HY-8 and HEC-RAS models, storm drain, and ditch due to realignment and intersection improvements)	2	4			8	24	38
c. Impact and Mitigation Analysis (re-evaluate impact assessment due to re-alignment. Assume 2 detention ponds from CR 305/CR 307 intersection improvements)	2	4			10	28	44
d. TCEQ Water Quality Analysis (re-evaluate up to 3 outfall BMPs with 2 at CR 307 intersection improvements and Crossing C). Update IC calculations and TSS removal calculations all BMPs)	2	6			20	44	72
e. Deliverables (update Final Drainage Report & Water Quality Report and exhibits)	1	2			6	16	25
<i>Subtotal Hours</i>	8	18	0	0	50	128	204
<i>Subtotal Labor Fee</i>	\$2,400.00	\$5,220.00	\$0.00	\$0.00	\$8,250.00	\$16,000.00	\$31,870.00

DESCRIPTION	TOTAL COSTS TASK						
7. SCHEMATIC DEVELOPMENT							\$4,510.00
8. DRAINAGE STUDY							\$31,870.00
<b>SUBTOTAL LABOR EXPENSES</b>							<b>\$36,380.00</b>

DIRECT EXPENSES	QUANTITY	COST	UNIT				TOTAL
Mileage		\$ 0.670	Mile				\$ -
<b>SUBTOTAL DIRECT EXPENSES</b>							<b>\$ -</b>

SUMMARY	
TOTAL COSTS FOR PRIME ONLY(includes multiplier)	\$ 36,380.00
NON-SALARY (OTHER DIRECT EXPENSES)	\$ -
<b>GRAND TOTAL</b>	<b>\$ 36,380.00</b>