

EXHIBIT C

WORK AUTHORIZATION

WORK AUTHORIZATION NO. 2 PROJECT: CR 123 AT BRUSHY CREEK

This Work Authorization is made pursuant to the terms and conditions of the Williamson County Contract for Engineering Services, being dated July 3rd, 2024 and entered into by and between Williamson County, Texas, a political subdivision of the State of Texas, (the "County") and Doucet & Associates, Inc (the "Engineer").

Part 1. The Engineer will provide the following Engineering Services set forth in Attachment "B" of this Work Authorization.

Part 2. The maximum amount payable for services under this Work Authorization without modification is \$161,598.00.

Part 3. Payment to the Engineer for the services established under this Work Authorization shall be made in accordance with the Contract.

Part 4. This Work Authorization shall become effective on the date of final acceptance and full execution of the parties hereto and shall terminate on November 30th, 2025. The Engineering Services set forth in Attachment "B" of this Work Authorization shall be fully completed on or before said date unless extended by a Supplemental Work Authorization.

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

Part 6. County believes it has sufficient funds currently available and authorized for expenditure to finance the costs of this Work Authorization. Engineer understands and agrees that County's payment of amounts under this Work Authorization is contingent on the County receiving appropriations or other expenditure authority sufficient to allow the County, in the exercise of reasonable administrative discretion, to continue to make payments under this Contract. It is further understood and agreed by Engineer that County shall have the right to terminate this Contract at the end of any County fiscal year if the governing body of County does not appropriate sufficient funds as determined by County's budget for the fiscal year in question. County may effect such termination by giving written notice of termination to Engineer.

Part 7. This Work Authorization is hereby accepted and acknowledged below.

Continued next page

EXECUTED this _____.

ENGINEER:

Doucet & Associates, Inc.

By: Frank Olshefski
Signature

Frank Olshefski, PE
Printed Name

Director of Transportation
Title

COUNTY:

Williamson County, Texas

By: _____
Signature

Printed Name

Title

LIST OF ATTACHMENTS

Attachment A – Services to be Provided by the County

Attachment B - Services to be Provided by Engineer

Attachment C - Work Schedule

Attachment D - Fee Schedule

APPROVED

By Christen Eschberger at 2:44 pm, Jun 24, 2025

ATTACHMENT A
SERVICES TO BE PROVIDED BY THE COUNTY
FOR COUNTY ROAD 123 AT BRUSHY CREEK

In general, Williamson County and its representatives to their best efforts will render services as follows:

1. Name, business address and phone number of County's project manager.
2. Assistance to the Engineer, as necessary, with obtaining data and information from other local, regional, State and Federal agencies required for this project.
3. Obtain Rights of Entry from landowners that are unwilling to grant access to the Engineer.
4. Provide available appropriate County data on file, plans and specifications that are deemed pertinent to the completion of the work required by the scope of services (including previous hydraulic studies, models, previous reports and studies, available existing traffic counts, and design year traffic projections).
5. Provide available criteria and full information as to the client's requirements for the project. Provide examples of acceptable format for the required deliverables.
6. Provide timely reviews and decisions necessary for the Engineer to maintain the project work schedule. Review recommendations offered by the Engineer, progress of work, and final acceptance of all documents.
7. Submittal of documentation to regulatory agencies for review and comment, when specified.
8. Support project development efforts with stakeholders, coordinate meetings and interface with stakeholders, as needed.
9. Post and maintain project information for public consumption on the County website.
10. Assist with Coordination between the Engineer and the County's other subconsultants.
11. Negotiate with all utility companies for any agreements and/or relocations required.
12. Provide an agent as necessary to secure proposed ROW.

13. Provide construction observation and review contractor pay applications and progress.
14. Provide Engineer with Contractor submittals, Requests for Information (RFI's), shop drawings, and correspondence.
15. Review Engineer progress, submittals, and plan changes.

ATTACHMENT B

SERVICES TO BE PROVIDED BY THE ENGINEER FOR PROJECT: COUNTY ROAD 123 AT BRUSHY CREEK WORK AUTHORIZATION NO. 2 WILLIAMSON COUNTY ROAD BOND PROJECT CR 123

PROJECT DESCRIPTION

Project Limits

The project will provide an alternate alignment report for CR 123 low water crossing at Brushy Creek.

Existing Facility & Report

The existing facility is a low-water crossing structure which ties into a 2-lane uncurbed asphalt road that is roughly 20' with no shoulders or pavement markings. The existing right-of-way is approximately 60' wide.

Proposed Facility

The proposed project consists of an alternative analysis for CR 123 crossing over at Brushy Creek with a new bridge. The bridge will be designed to accommodate 2 -12' lanes with 8' shoulders and a 10' shared-used path lane. The engineer will determine the amount of new right-of-way (ROW) needed to accommodate the project. The report aims to identify up to three (3) alternative alignments for the proposed new bridge facility. It will include analysis of drainage, environmental impacts and permitting, ROW constraints, cost estimates, and a description of additional potential conflicts.

Design Criteria

Proposed design criteria for the project will be developed from Williamson County design criteria.

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: 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. QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PLAN:
- For each deliverable submittal, provide evidence of their internal review and mark-up of that deliverable as preparation for submittal and in accordance with submitted project specific QA/QC plan.
 - Provide continuous QA/QC throughout the duration of the scheduled services included herein to appraise both technical and business performance and provide direction for project activities.
- d. 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.
- e. PROGRESS/COORDINATION MEETINGS :
- Attend coordination/progress meetings 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.

f. 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.

g. 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.

h. 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. ROUTE AND DESIGN STUDIES

a. DATA COLLECTION:

- Perform record research and obtaining existing information, including but not limited to: as-built plans, construction plans, right of way maps, traffic data, environmental reports, studies, future land use maps, floodplain data, floodplain, geotechnical reports, pavement design reports, and drainage models and analyses. Obtain construction plans for projects within the project limits and abutting TxDOT and County Roads. Obtain drainage studies, reports, and mapping for the project area, including reports for developments affecting the drainage area.
- Conduct a field investigation of the proposed roadway alignment and the surrounding area to determine field conditions including photographic record of notable existing features
- Develop and maintain adjacent property ownership information (including owner's name, tenant name for leased property, mailing address, property address, property id number) spreadsheet to be used for disseminating project information.
- Review aerial photography and contours provided by Williamson County. County provided aerial photography and contours will be the basis for developing all route options.
- Review the data collected and organize the information.

b. Alternative Alignment Report (Up to three (3) preliminary alignments assumed):

- Develop evaluation criteria to assist in evaluating route alignment alternatives.
- Develop a report and exhibits that includes environmental concerns, known constraints (structures, floodplain, karst features), aerial photography, contour information, utility information, based on research of public databases and sources and details screening measures and decision practices for eliminating non-viable corridors.
- Develop preliminary alignments and preliminary costs for use in soliciting input during a coordination meeting with stakeholders.
- Refine preliminary alignment based on stakeholder input, design criteria, existing structures, potential displacements, right of way limits and

requirements, known developments, FEMA floodplain areas, existing and proposed drainage structures, and issues.

- The report will include up to three (3) alternatives for clearing a 25-year storm, along with potential new alignments and any relevant environmental constraints. Provide alternatives (3) schematic layouts exhibits showing alignment, bridge span, elevation, parcels, and related items.
- The report will evaluate environmental constraints including USACE and FEMA permits, one meeting with each agency for initial assessment and input, time impact and potential cost.
- Recommended design will minimize coordination and permits.
- Provide cost estimates for each alternative.
- Report exhibits will show, OHWM, Compensatory excavation area, Roadway P&P, bridge spans, 1 ft freeboard, parcel impacts, and high level ROW costs.
- Attend 2 Field meeting with WILCO Engineers and GEC, 1 office meeting

c. DELIVERABLES:

- Draft Report
- Final Report

3. PUBLIC INVOLVEMENT

a. PROPERTY OWNER MEETING SUPPORT

As this is a Road Bond Project, public involvement activities will be conducted through the County's existing public involvement contract with Rifeline. The engineer will provide support for the Public Involvement plans for the following activities:

- Prepare materials and provide support and exhibits for meeting with Individual Property Owners (up to one (1) meeting assumed).
- One person will attend meetings as requested (up to one (1) meeting assumed).

b. STAKEHOLDER COORDINATION

- Coordinate with affected state and local agencies and County's consultants.

- Prepare agendas, sign in sheets, meeting minutes, discussion topics, presentations, overall exhibits, and maps of the project limits for stakeholder coordination Teams Meeting. (up to **one (1)** meeting assumed).

c. DELIVERABLES:

- Property owner exhibits (native file, pdf, and hardcopies).
- Stakeholder meeting agendas, exhibits, and meeting minutes.

4. 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 ALTERNATIVE ALIGNMENT EXHIBITS

- Incorporate utility information provided by others into design files.

b. UTILITY MEETINGS

- Meet with utility coordinator to identify any potential utility conflicts. [**1 meeting per alternative**].

c. DELIVERABLES:

- Utility information incorporated and displayed into exhibits and design files.

5. RIGHT OF WAY (ROW) AND MAPPING

a. ROW MAP:

- Prepare up to three (3) exhibits showing proposed Right-of-Way impact and number of parcels affected by proposed alignment. Exhibits will include county appraisal ownership information, approximate location of property lines, approximate location of roadway and railroad right-of-way lines, approximate contours according to county-wide LiDAR dataset and cross-sectional details (as requested). Survey deliverables will be preliminary and should not be recorded for any purpose and shall not be used or viewed or relied upon as a final survey document.

b. DELIVERABLES:

- ROW Exhibits

6. SURVEYING

a. FIELD SURVEYING:

- For recommended alternative, approved by the County, prepare design-level topographic surveys and/or cross-sectional surveys to field locate found visible features, both horizontally and vertically, including drainage profiles, creek crossings, top/bottom of bank, or other significant features to facilitate floodplain analysis as identified by the project engineer. Client is to provide site right-of-entry access upon notice-to-proceed.

b. DELIVERABLES

- Mapping in 2-D and 3-D MicroStation Files (Grid or Datum)
- PDF of each Surveyor Project Notebook
- Use LiDAR for the alternative analysis study.

7. DRAINAGE STUDY

a. HYDROLOGIC/HYDRAULIC MODELING:

- Data Collection & Review: Use both FEMA and local regulatory HEC-HMS hydrologic and HEC-RAS hydraulic models and support data for Brushy Creek. The Williamson County Atlas 14 floodplain models will be used for evaluating 3 alternative locations from current low water crossings on Brushy Creek.
- Pre-Project Conditions: Modify FEMA effective and local regulatory (i.e., preliminary or final Williamson County Atlas 14) existing conditions models using the best available data (e.g., new on-the-ground topographic survey, etc.) to define pre-project conditions required for the project. Corrected effective models using Williamson County Atlas 14 models 1D HEC-RAS will be developed at the three locations.
- Post-Project Conditions: Modify pre-project models to perform preliminary hydraulic design of the proposed bridge and appurtenances at the three alternative locations. HEC-RAS shall be utilized for all stream modeling. The

evaluation would include to ensure 25-yr design event is passed through the bridge and no impacts to 100-yr water surface elevations and floodplain.

- Exhibits and analysis will be prepared and included in the report.
- Excavation limits and grading limits will be identified for the alternatives
- A drainage report will be provided evaluating hydraulics analysis at the three locations along with comparisons to existing conditions of water surface elevations. Comparative tables for alternative locations between existing and proposed conditions and water surface profile comparisons exhibits will be developed and included in the report. A final recommended alternative will be included in the report.

b. FEMA COORDINATION:

- Coordinate with Local Floodplain Administrator as necessary throughout the project Including one meeting with FEMA for initial assessment and input.

c. DELIVERABLES:

- Preliminary & Final Drainage Report.

8. ENVIRONMENTAL SERVICES FOR ALTERNATIVE ALIGNMENTS

a. DATA COLLECTION & FIELD RECONNAISSANCE:

For each of the proposed alternatives, the following resources will be reviewed. It is our understanding that Williamson County is interested in finding an alternative that involves the least amount of agency coordination and environmental permitting.

Obtain and update publicly available information including but not limited to: aerial photography, U.S. Geological Survey (USGS) topographic maps, Natural Resources Conservation Service (NRCS) soil surveys, National Wetland Inventory (NWI) maps, USGS National Hydrography Dataset (NHD), FEMA floodplain information, vegetation information, federal and state listed threatened and endangered species, and Edwards Aquifer. Conduct a limited 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 alternatives.

- Conduct limited field reconnaissance to visually inspect the project site for additional risks and field verify environmental risks which were identified by the desktop and regulatory records review. A GPS unit will be used to record the ordinary high water mark of the stream at each proposed alternative crossing. If obvious wetlands are present, the GPS will be utilized to delineate the approximate boundaries. Please note that full environmental studies of each proposed alignment option are not being proposed at this time. The purpose of our research and limited field reconnaissance is to assess potential environmental issues that could be present within the boundaries of each alignment option and potential permitting issues that could be present based on the findings. For the purposes of the limited field reconnaissance, we anticipate a boundary of 50 ft. on either side of the proposed roadway centerline.

A limited report will be prepared to discuss the findings of research and limited field reconnaissance. Once a preferred alternative is selected, a separate proposal will be prepared which will include the scope of work and fees associated with detailed environmental studies for the selected alternative and preparation of reports associated with the more detailed studies.

- Once the report has been prepared, a pre-application meeting will be scheduled with the U.S. Army Corps of Engineers regulatory project manager to discuss the proposed alternatives based on resources present and proposed project activities.

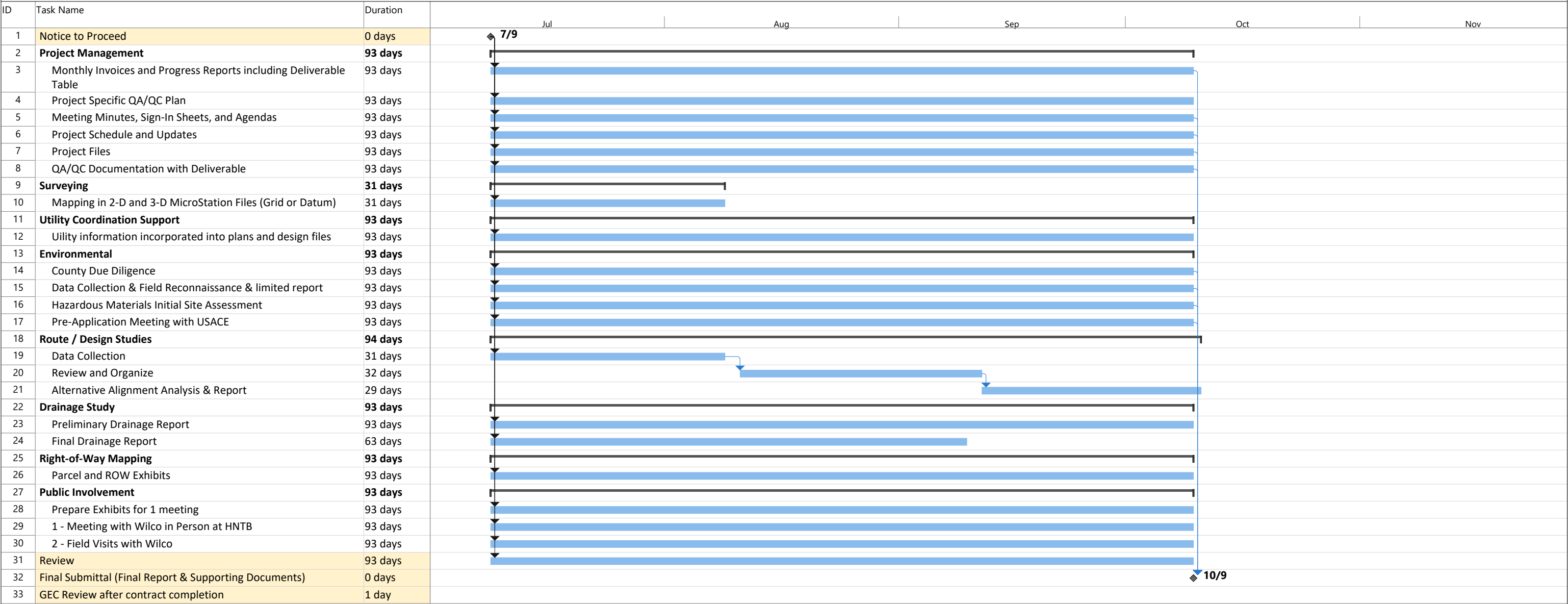
b. DELIVERABLES:

- Constraints Map and Environmental Permits List (which will discuss research and site reconnaissance findings and permitting considerations for all alternatives)

9. EXCLUSIONS

- a. Plan Preparation
- b. Construction Phase Services
- c. Geotechnical Report and Pavement Design

Doucet & Associates, Inc, a Kleinfelder Company
Attachment C - Work Schedule
24RFQS11 Engineering Services for Williamson County Road Bond Projects
CR 123 Bridge at Brushy Creek WA2



WILLIAMSON COUNTY

24RFQS11 Engineering Services for Williamson County Road Bond Project

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Total Cost	\$	161,598
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ATTACHMENT D: FEE SCHEDULE**WILLIAMSON COUNTY****WORK AUTHORIZATION NO. 2 PROJECT: CR 123 AT BRUSHY CREEK****Other Direct Expenses (Doucet)**

Direct Expenses	Rate	Unit	Quantity	Cost
Toll Charges	\$ 10.00	Day	8	\$ 80.00
Mileage	\$ 0.60	Miles	400	\$ 240.00
			SUB TOTAL	\$ 320.00
Environmental (Doucet)				
Airfare	\$ 400.00	Each	1	\$ 400.00
ERIS	\$ 300.00	Each	1	\$ 300.00
GPS Rental	\$ 200.00	Each	1	\$ 200.00
Truck Rental and Gas	\$ 350.00	Miles and Rental	1	\$ 350.00
Lodging	\$ 110.00	Day per Staff	2	\$ 220.00
Meals (Excluding alcohol & Tips and overnight stay required)	\$ 59.00	Day per Staff	2	\$ 118.00
			SUB TOTAL	\$ 1,588.00
TOTAL				\$ 1,908.00