EXHIBIT C

WORK AUTHORIZATION

WORK AUTHORIZATION NO. _1____
PROJECT: Ivy Switch Rd (CR 133) at McNeil Creek

This Work Authorization is made pursuant to the terms and conditions of the Caldwell County Contract for Engineering Services, being dated _____ ____, 2025 and entered into by and between Caldwell County, Texas, a political subdivision of the State of Texas, (the "County") and Halff Associates, Inc. (the "Engineer").

Part1. 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 $279,756.08.

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 __July___ _31_, 2026___. 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.

ENGINEER:	COUNTY:
Halff Associates, Inc.	Caldwell County, Texas
By: _____	By: _____
Signature	Signature
Eric J. Ratzman	_____
Printed Name	Printed Name
Vice President	_____
Title	Title
10/31/2025	_____
Date	Date

LIST OF ATTACHMENTS

Attachment A - Services to be Provided by County

Attachment B - Services to be Provided by Engineer

Attachment C - Work Schedule

Attachment D - Fee Schedule

APPROVED
By Maria Castanon at 11:56 am, Oct 31, 2025

ATTACHMENT A
SERVICES TO BE PROVIDED BY THE COUNTY
FOR Ivy Switch Rd (CR 133) at McNeil Creek

In general, Caldwell 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 information on any meetings/discussions held with adjoining property owners that may impact the project.

7. 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.

8. Submittal of documentation and permits to regulatory agencies for review and comment, when specified.

9. Support project development efforts with stakeholders, coordinate meetings and interface with stakeholders, as needed.

10. Provide a summary of prior communications with impacted landowners, related to this project.

11. Post and maintain project information for public consumption on the County website.

12. Assist with Coordination between the Engineer and the County's other Consultants.

13. Negotiate with all utility companies for any agreements and/or relocations required.

14. Provide an agent as necessary to secure proposed ROW/easements and relocate/remove improvements on proposed ROW.

15. Provide construction observation and review contractor pay applications and progress.

16. Provide Engineer with Contractor submittals, Requests for Information (RFI's), shop drawings, and correspondence.

17. Review Engineer's progress, submittals, and plan changes.

ATTACHMENT B
SERVICES TO BE PROVIDED BY THE ENGINEER
Ivy Switch Rd (CR 133) at McNeil Creek

PROJECT DESCRIPTION

Project Type & Limits

Schematic - Low water crossing on Ivy Switch (CR133) at and McNeil Creek; limits of the project will be from 160 ft east of the low water crossing to the private driveway, to 250 ft west of the low water crossing.

Existing Facility

Existing CR 133 consists of two 12 ft lanes with no shoulder and approximately 75 ft of ROW to accommodate roadside ditches on either side of the roadway. The existing pavement type is asphalt with a culvert (2-10'x8' MBC) at the low water crossing with no rails.

Proposed Facility

Proposed facility will be designed as a two-lane road with shoulders to improve the overall safety. The existing 2-10x8 MBC capacity will be evaluated and upgraded as necessary.

Design Criteria

1. The proposed design criteria for the project will be developed from TxDOT design criteria manuals in association with Caldwell County Development Ordinances for Roadway and Drainage.

PROJECT MANAGEMENT

a. 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 (**[8]** 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 the County's ProjectWise System.

- 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:

- Prepare a project specific QA/QC plan and submit to the GEC within thirty (30) days of notice to proceed.
- For each deliverable, 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.
- The Engineer shall utilize the County's document control system, ProjectWise, for the purpose of appropriate control of documentation and reporting. The Engineer shall maintain and upload complete and accurate records of design documents in County's File System, ProjectWise. This library will contain all pertinent Project documentation and will include, but is not limited to, copies of the following:
  - Agreements
  - Permits
  - Reports

- Design Submittals
- Correspondence
- Exhibits
- Native Files
- Meetings Minutes
- Agendas

- 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 ProjectWise document control system.

e. PROGRESS/COORDINATION MEETINGS (**[16]** biweekly meetings assumed, **[4]** external meetings budgeted):

- Attend a kickoff meeting with the County and its representatives and stakeholders, as necessary to communicate development of the project and design issues.
- Attend 4 coordination/progress meetings with the County and GEC, as necessary to communicate development of the project and design issues. Updates shall include activities completed, upcoming action items, activities required by next meeting, issues encountered, information or items required from other agencies/consultants, late activities, solutions for unresolved and/or anticipated problems with resolution timeframes, and any outstanding items needed to complete required deliverables.
- 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 16 biweekly internal coordination meetings as required to advance the development of the project.

f. PROJECT SCHEDULE:

- Baseline Schedule – Submit a CPM Baseline Schedule in calendar day (CD) format to the GEC for approval, using 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. DELIVERABLES:

- Monthly Invoices and Progress Reports
- Project Specific QA/QC Plan
- QA/QC Documentation with Deliverables
- Project Files
- Meeting Minutes, Sign-In Sheets, and Agendas
- Baseline and Progress Schedules

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, existing planimetric maps, traffic data, accident data, environmental reports, studies, future land use maps, existing channel and drainage easement data, floodplain data, floodplain, bridge inspection records, existing utilities, geotechnical reports, and drainage models and analyses. Obtain construction plans for projects within and adjoining 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. Pavement Condition Assessment should be conducted during the field investigation.

- 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. Aerial photography and contours will be the basis for developing all constraints maps and route options.

- Obtain available existing traffic counts from the County.

- Utility records, as-built documentation, and system maps will be requested from utility owners identified within the project limits. Information received from utility owners will be mapped schematically into base files identifying the respective owners.

- Review the data collected and organize the information.

- Perform a safety analysis to compare the existing and proposed conditions and document any relevant observations regarding emergency services access, safety and mobility.

b. DESIGN CRITERIA:

- Submit a Design Summary Report (DSR) per TxDOT Roadway Design Manual and typical sections.

c. CONSTRAINTS MAP (**[1]** preliminary alignments assumed):

- Develop a constraints map and technical memorandum 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.

d. DELIVERABLES:

- Results of Records Research

- Property Owner Spreadsheets
- Design Summary Report and Typical Sections Constraints Map with Alignment, and right-of-way; and cost estimate and Technical Memorandum Recommendation

3. PUBLIC INVOLVEMENT SUPPORT

   a. STAKEHOLDER COORDINATION SUPPORT (one **[1]** meeting budgeted):

      - Support GEC in coordination with affected local agencies, County's consultants, and affected property owners.
      - Prepare overall exhibit, and map of the project limits for stakeholder coordination meetings.

   b. PROPERTY OWNER MEETING SUPPORT (one **[1]** meeting budgeted):

      - Prepare overall exhibits, and maps of the project limits for property owner meetings.
      - 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.
      - One (1) person will attend meeting as requested to provide project technical support.

   c. PUBLIC MEETING/OPEN HOUSE SUPPORT (**[1]** public meeting is budgeted):

      - Provide project engineer to attend public open house meeting to provide technical support.

   d. DELIVERABLES:

      - Stakeholder Meeting Exhibits and Maps in pdf format.
      - Property Owner Exhibits and Maps in pdf format.

4. RIGHT OF WAY (ROW) SUPPORT

   a. ROW MAP:

      - Research and compile deed/plat records, including subdivision plats and existing easements, and build a working map from recorded data.

- Calculate approximate search data to recover right of way monumentation and make initial pass to recover right of way monumentation.
- Draft preliminary right of way map and list of impacted tracts.

b. PARCEL ACQUISITION DOCUMENTS (**[3]** parcel documents assumed, **[3]** staking assumed):

- Upon approval of final schematic, prepare a right of way strip map.
- Prepare draft parcel sketches and field note documents for right of way parcel and easement acquisition. Note any improvements requiring removal or relocation on parcel sketches.
- Set appropriate monumentation in accordance with County requirements. Prepare signed and sealed documents for right of way parcel and easement acquisition.

c. ROW STAKING (**[3]** parcels assumed):

- 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.

d. DELIVERABLES:

- Preliminary ROW Map and affected property owner list (drawing file, pdf)
- Final ROW Map and affected property owner list (drawing file, pdf)
- Draft Parcel Acquisition Documents (pdf)
- Final Parcel Acquisition Documents (pdf)

5. <u>SURVEYING</u>

a. RIGHT OF ENTRY (**[3]** letters assumed):

- Upon receiving approval from GEC, prepare and mail right of entry letters per the County's standard for the project team including surveying, geotechnical, and environmental. Send a second follow up letter to non-responsive property owners.

b. FIELD SURVEYING:

- Survey the corridor area at approximately [100-foot sections] on either side of the proposed roadway centerline including identify existing landowners, deed recordation information, locate visible improvements and utilities including driveways, water wells, storage tanks, drainage structures (size, material, flowline elevations), edge of pavement/shoulder, physical centerline, guardrail, fences, signs, mailboxes, trees 12" inch diameter and greater, locate property boundaries sufficient to re-establish ROW.

- Establish horizontal and vertical control and set temporary benchmarks.

c. DELIVERABLES:

- Certified Mail Right of Entry Letters, Follow Up Letters, and Executed Right of Entry Documents.

- Mapping in 2-D and 3-D MicroStation Files (Surface)

- Pdf of Surveyor Project Notebook

- DTM of Proposed Corridor

6. SCHEMATIC DEVELOPMENT

a. SCHEMATIC:

- Prepare preliminary schematic submittal per Caldwell County submittal requirements and selected design criteria including proposed cross sections, typical sections, roadway centerline, proposed drainage structures, flood plains, 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 walls, and bridge locations.

- Prepare conceptual construction sequence consisting of typical traffic control sections to keep at least one lane open, or detour routes for a road closure.

- Prepare final schematic submittal per Caldwell County submittal requirements and selected design criteria.

b. DELIVERABLES:

- Preliminary Schematic Submittal including construction sequence and cost estimate per submittal requirements.

- Final Schematic Submittal including construction sequence cost estimate per submittal requirements.

7. DRAINAGE STUDY

   a. HYDROLOGIC/HYDRAULIC MODELING ([1] major channel crossings, [0] cross drainage structures assumed):

      - Leverage best available hydrologic and hydraulic model from Caldwell County's Flood Protection Planning (FPP) Study. The low water crossing along Ivy Switch Road at McNeil Creek is within the Plum Creek floodplain. The crossing will be designed to convey local flows from the McNeil Creek watershed. The Plum Creek hydrologic model will be leveraged to create an existing analysis along McNeil Creek to evaluate contributing local flows at the road crossing. Updates include an additional subbasin break at the Ivy Switch Road and evaluating hydrograph timing of McNeil Creek and the Plum Creek mainstem. The HEC-RAS model from the Caldwell County FPP will be extended downstream to model the Ivy Switch Crossing to analyze two alternatives for the road profile (one on existing profile and one slightly raised) and to define the drainage infrastructure required. The current FPP model ends just upstream of Ivy Switch Road. A drainage report will detail the methodologies employed and recommendations. The analysis will include: a cross drainage structure, major channel crossings to reflect the existing and proposed conditions, recommended minimum pavement elevations based on cross drainage flood elevations, right of way requirements, and identify potential needs for FEMA Coordination. HEC-RAS shall be utilized for all stream modeling and proposed road crossing. HY-8 will be utilized to verify analysis for proposed cross culverts.

      - Develop existing channel cross sections based on data collection.

      - Exhibits and analysis will be prepared in the GIS environment to the extent practical.

      - Coordinate with Local Floodplain Administrator as necessary throughout the project.

   b. IMPACT AND MITIGATION ANALYSIS:

      - Due to the location of the low water crossing within the 100-year floodplain of Plum Creek, detention analysis will not be needed. The opening downstream at

the railroad crossing is not impacted by the low water crossing. Conduct impact analysis to determine no adverse effects to adjacent properties.

c. DELIVERABLES:

- Preliminary & Final Drainage Report.

8. ENVIRONMENTAL SERVICES

a. DATA COLLECTION & FIELD RECONNAISSANCE:

- Obtain and update periodically publicly available information including but not limited to: locations of public buildings (schools, churches, parks, emergency responders), aerial photography, National Wetland Inventory Maps, County Soil Survey Maps, TCEQ & EPA Hazardous Materials Database Information, FEMA Floodplain Information, vegetation information, and environmental information from the appropriate local, State, or Federal agencies, including for state and federally-listed species, and 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 any 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.

b. COUNTY DUE DILIGENCE:

The Consultant should conduct the investigations and prepare the technical reports, per the Caldwell County Environmental Protocol, for environmental compliance and summarize the results of those studies in the due diligence report. Technical reports shall be included as appendices to the due diligence report.

c. COUNTY DUE DILIGENCE DELIVERABLES:

- Draft & Final Environmental Due Diligence Report

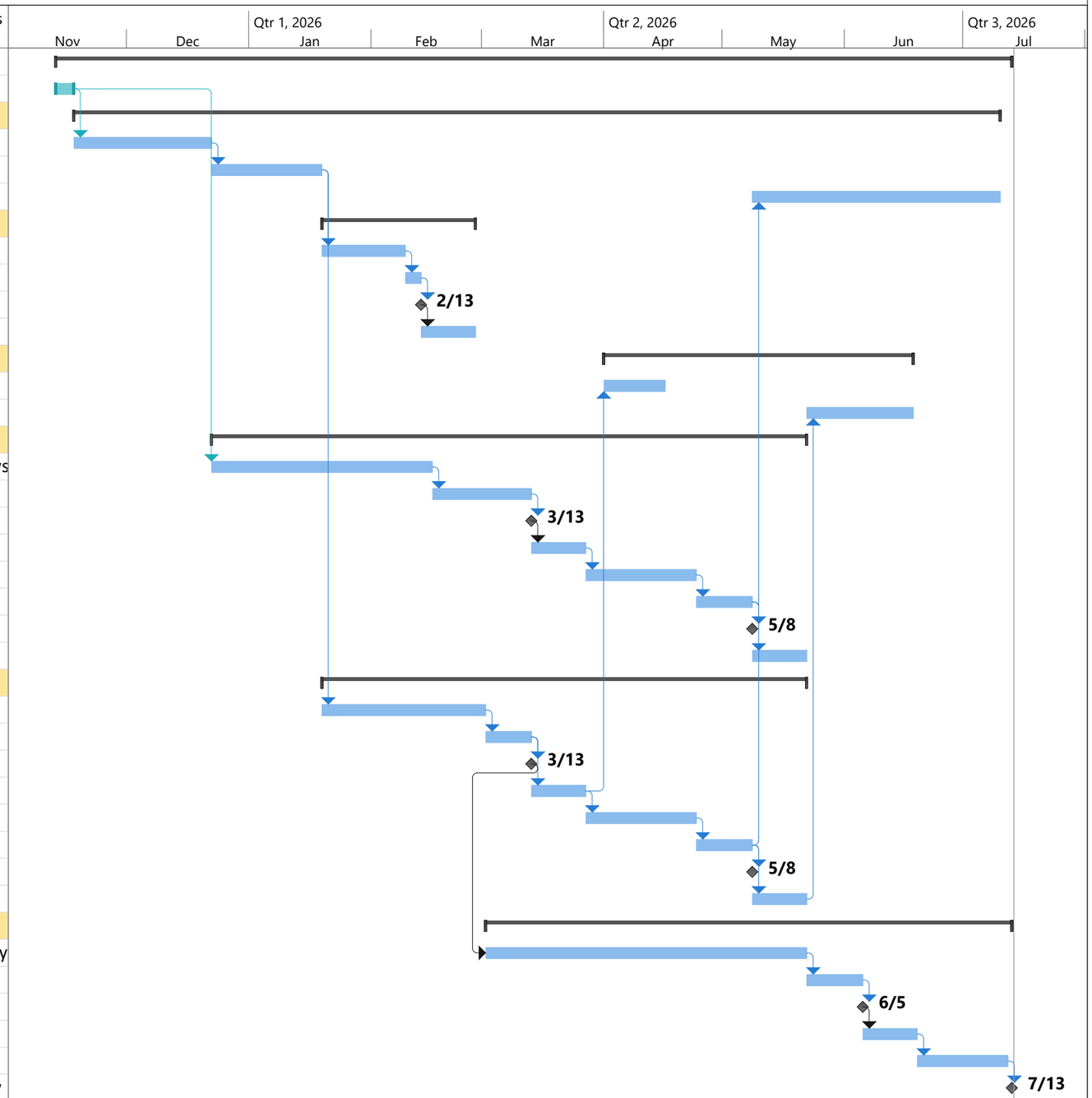
- Draft & Final Cultural and Historic Resources Survey and/or Background Review
- Draft & Final Jurisdictional Waters Determination/Delineation
- Draft & Final Threatened and Endangered (T&E) Species Assessment
- Draft & Final T&E Presence/ Absence Surveys
- Draft & Final Phase I Environmental Site Assessment
- Draft & Final USACE Section 404 General Permit Preparation

9. EXCLUSIONS

- Utility Coordination is excluded from the schematic phase.
- Subsurface Utility Engineering (SUE) is excluded from this scope.
- If it is determined, after the Water Features Delineation Report, that a PCN is required, a supplemental work authorization would be required.
- If it is determined that presence/absence surveys are required beyond the visual observation performed during the site visit, a supplemental work authorization would be required.
- Designer services during bidding and construction will be under a separate Work Authorization.

ATTACHMENT C - WORK SCHEDULE
WA #1 - IVY SWITCH RD (CR133) AT MCNEIL CREEK
CALDWELL COUNTY

ID	Task Name	Duration	Start	Finish	Predecessors
1	**WA #1 Ivy Switch Rd (CR 133) at McNeil Creek**	**251 days**	**Thu 11/13/25**	**Mon 7/13/26**	
2	NTP and Kickoff	5 days	Thu 11/13/25	Mon 11/17/25	
3	**Survey and ROW**	**243 days**	**Mon 11/17/25**	**Fri 7/10/26**	
4	Right-of-Entry	36 days	Mon 11/17/25	Mon 12/22/25	2
5	Survey	29 days	Mon 12/22/25	Mon 1/19/26	4
6	Parcel Acquisition Documents	65 days	Fri 5/8/26	Fri 7/10/26	30
7	**Route Studies**	**40 days**	**Mon 1/19/26**	**Fri 2/27/26**	
8	Route Study	22 days	Mon 1/19/26	Mon 2/9/26	5
9	Internal QA/QC	4 days	Mon 2/9/26	Fri 2/13/26	8
10	Constraints Map and DSR Submittal	0 days	Fri 2/13/26	Fri 2/13/26	9
11	County/ GEC Review	14 days	Fri 2/13/26	Fri 2/27/26	10
12	**Public Involvement**	**81 days**	**Wed 4/1/26**	**Thu 6/18/26**	
13	Public involvement - Stakeholders	16 days	Wed 4/1/26	Thu 4/16/26	28FS+1 wk
14	Public involvement - Open House	28 days	Fri 5/22/26	Thu 6/18/26	32
15	**Drainage Study**	**156 days**	**Mon 12/22/25**	**Fri 5/22/26**	
16	Draft Drainage Report	58 days	Mon 12/22/25	Mon 2/16/26	2FS+36 days
17	Internal QA/QC	26 days	Mon 2/16/26	Fri 3/13/26	16
18	Draft Report Submittal	0 days	Fri 3/13/26	Fri 3/13/26	17
19	County/ GEC Review	14 days	Fri 3/13/26	Fri 3/27/26	18
20	Final Drainage Report	29 days	Fri 3/27/26	Fri 4/24/26	19
21	Internal QA/QC	15 days	Fri 4/24/26	Fri 5/8/26	20
22	Final Report Submittal	0 days	Fri 5/8/26	Fri 5/8/26	21
23	County/ GEC Review	14 days	Fri 5/8/26	Fri 5/22/26	21
24	**Schematic**	**127 days**	**Mon 1/19/26**	**Fri 5/22/26**	
25	Preliminary Schematic	43 days	Mon 1/19/26	Sun 3/1/26	5
26	Internal QA/QC	12 days	Mon 3/2/26	Fri 3/13/26	25
27	Preliminary Schematic Submittal	0 days	Fri 3/13/26	Fri 3/13/26	26
28	County/ GEC Review	14 days	Fri 3/13/26	Fri 3/27/26	26
29	Final Schematic	29 days	Fri 3/27/26	Fri 4/24/26	28
30	Internal QA/QC	15 days	Fri 4/24/26	Fri 5/8/26	29
31	Final Schematic Submittal	0 days	Fri 5/8/26	Fri 5/8/26	30
32	County/ GEC Review	14 days	Fri 5/8/26	Fri 5/22/26	30
33	**Environmental Services**	**138 days**	**Mon 3/2/26**	**Mon 7/13/26**	
34	Prepare Environmental Documents	84 days	Mon 3/2/26	Fri 5/22/26	27FS-12 day
35	Internal QA/QC	15 days	Fri 5/22/26	Fri 6/5/26	34
36	Environmental Documents Submittal	0 days	Fri 6/5/26	Fri 6/5/26	35
37	County/ GEC Review	14 days	Fri 6/5/26	Fri 6/19/26	36
38	Final Environmental Documents	24 days	Fri 6/19/26	Sun 7/12/26	37
39	Final Submittal	0 days	Mon 7/13/26	Mon 7/13/26	38FS+1 day



ATTACHMENT "D" FEE SCHEDULE

Ivy Switch Rd (CR133) at McNeil Creek

TASK / DESCRIPTION		SENIOR PROJECT MANAGER $350.00	SR TECHNICAL MANAGER $345.00	PROJECT MANAGER $260.00	SR PROJECT ENGINEER $235.00	PROJECT ENGINEER $210.00	DESIGN ENGINEER $165.00	GRADUATE ENGINEER $140.00	SENIOR GIS TECHNICIAN $140.00	GIS TECHNICIAN $105.00	SR CADD OPERATOR $130.00	CADD OPERATOR $110.00	PROJECT ACCOUNTANT $125.00	ADMIN CLERICAL $90.00	ENV SCIENTIST III $200.00	ENV SCIENTIST II $135.00	ENV SCIENTIST I $99.00	SR RPLS $250.00	RPLS $190.00	SURVEY COORDINATOR $140.00	SURVEY/ GEOSPATIAL MANAGER $190.00	2-MAN SURVEYING CREW $205.00	SR SURVEY TECHNICIAN $140.00	TOTAL MAN-HOURS	SUB ID.	TOTAL LABOR FOR TASK
TASK 1 PROJECT MANAGEMENT																										
A COMMUNICATION																										$ -
B PROGRESS REPORTS/INVOICING (8 MONTHS)						4							12											16		$ 2,340
C QA/QC																										$ -
PREPARE PLAN			1			1																		2		$ 555
QC DELIVERABLES		2	4		2																			8		$ 2,550
CONTINUOUS QC			2			2																		4		$ 1,110
D PROJECT COORDINATION/ADMIN																										$ -
PREPARE AND MAINTAIN RECORDKEEPING						4																		4		$ 840
CORRESPONDENCE AND COORDINATION WITH GEC		8				8																		16		$ 4,480
MANAGE ACTIVITIES				4		8																		12		$ 2,720
PROJECT DOCUMENT/FILES				2		4																		6		$ 1,360
E PROGRESS/COORDINATION MEETINGS (16 INTERNAL MEETINGS, 4 EXTERNAL)																										$ -
KICKOFF MEETING		1				1																		2		$ 560
EXTERNAL COORDINATION MEETINGS (4 ASSUMED)		4				4																		8		$ 2,240
PREPARE AGENDA/SIGN-IN SHEETS (ALL EXTERNAL MEETINGS)						4																		4		$ 840
PREPARE MEETING MINUTES				1		4																		5		$ 1,100
INTERNAL COORDINATION MEETINGS (16 ASSUMED)				4		8																		12		$ 2,720
F PROJECT SCHEDULE AND UPDATE						2																		2		$ 420
G DELIVERABLES																										$ -
MONTHLY INVOICES AND PROGRESS PREPORTS																										$ -
PROJECT SPECIFIC QA/QC PLAN																										$ -
MEETING MINUTES, SIGN-IN SHEETS, AND AGENDAS																										$ -
PROJECT SCHEDULE AND UPDATE																										$ -
PROJECT FILES																										$ -
QA/QC DOCUMENTATION																										$ -
																										$ -
SUBTOTAL HOURS/COSTS		**15**	**7**	**11**	**2**	**54**							**12**											**101**		**$ 23,835.00**
TASK 2 ROUTE AND DESIGN STUDIES																										
A DATA COLLECTION																										$ -
RECORD RESEARCH						1		2																3		$ 490
FIELD INVESTIGATION						4		4																8		$ 1,400
PROPERTY OWNERSHIP								2																2		$ 280
REVIEW AERIAL AND CONTOURS								4		2														6		$ 770
EXISTING TRAFFIC COUNTS						2																		2		$ 420
UTILITY RECORDS						2	20					6												28		$ 4,380
ORGANIZE ALL COLLECTED DATA						4																		4		$ 840
B DESIGN CRITERIA																										$ -
PREPARE AND SUBMIT DSR				1		2		2																5		$ 960
C CONSTRAINTS MAP (1 PRELIMINARY ALIGNMENT)						2		4																6		$ 980
EXISTING AND PROPOSED VERTICAL PROFILE				2		4	8	40																54		$ 8,280
D DELIVERABLES																										$ -
RESEARCH RECORDS																										$ -
PROPERTY OWNER SPREADSHEET																										$ -
DSR & TYPICAL SECTION																										$ -
PRELIMINARY MAP																										$ -
																										$ -
SUBTOTAL HOURS/COSTS				**3**		**21**	**28**	**58**		**2**		**6**												**118**		**$ 18,800.00**
TASK 3 PUBLIC INVOLVEMENT																										
A STAKEHOLDER COORDINATION SUPPORT (1 MEETING)																										$ -
SUPPORT GEC COORDINATION		4				6																		10		$ 2,660
PREPARE OVERALL EXHIBIT, AND MAP OF PROJECT LIMITS						2		4			4													10		$ 1,500
B PROPERTY OWNER MEETING SUPPORT (1 MEETING)																										$ -
PREPARE OVERALL EXHIBIT, AND MAP OF PROJECT LIMITS						2					4													6		$ 940
PROVIDE OWNER EXHIBITS OF PARENT TRACT, ROW, AND IMPROVEMENTS						4		8			8													20		$ 3,000
ATTEND MEETING				4																				4		$ 1,040
C PUBLIC MEETING/OPEN HOUSE SUPPORT (1 MEETING)						4																		4		$ 840
D DELIVERABLES																										$ -
STAKEHOLDER MEETING EXHIBIT/MAP																										$ -
PROPERTY OWNER MEETING EXHIBIT/MAP																										$ -
SUBTOTAL HOURS/COSTS		**4**		**4**		**18**		**12**			**16**													**54**		**$ 9,980.00**
TASK 4 RIGHT OF WAY (ROW) AND MAPPING																										
A ROW MAP																										$ -
COMPILE DEED/PLAT RECORDS																	1					25	26			$ 3,750
CALCULATE SEARCH DATA																	1		10		20	10	41			$ 7,150
DRAFT PRELIMINARY ROW																	1	8				20	29			$ 4,570
B PARCEL ACQUISITION DOCUMENTS (3 ASSUMED)																										$ -
PREPARE STRIP MAP																	1	8	5			20	34			$ 5,270
DRAFT PARCEL SKETCHES AND METES & BOUNDS DESCRIPTIONS																	1	8				20	29			$ 4,570
SET MONUMENTATION																		8	5		20		33			$ 6,320

ATTACHMENT "D" FEE SCHEDULE

Ivy Switch Rd (CR133) at McNeil Creek

TASK / DESCRIPTION		SENIOR PROJECT MANAGER $350.00	SR TECHNICAL MANAGER $345.00	PROJECT MANAGER $260.00	SR PROJECT ENGINEER $235.00	PROJECT ENGINEER $210.00	DESIGN ENGINEER $165.00	GRADUATE ENGINEER $140.00	SENIOR GIS TECHNICIAN $140.00	GIS TECHNICIAN $105.00	SR CADD OPERATOR $130.00	CADD OPERATOR $110.00	PROJECT ACCOUNTANT $125.00	ADMIN CLERICAL $90.00	ENV SCIENTIST III $200.00	ENV SCIENTIST II $135.00	ENV SCIENTIST I $99.00	SR RPLS $250.00	RPLS $190.00	SURVEY COORDINATOR $140.00	SURVEY/ GEOSPATIAL MANAGER $190.00	2-MAN SURVEYING CREW $205.00	SR SURVEY TECHNICIAN $140.00	TOTAL MAN-HOURS	SUB ID.	TOTAL LABOR FOR TASK
C ROW STAKING																										$ -
STAKE PROPOSED ROW																			5	5		20	10	40		$ 7,150
PRELIMINARY ROW MAP/OWNER LIST																		1	5	2	5		10	23		$ 3,830
FINAL ROW MAP/OWNER LIST																		1	5	2			10	18		$ 2,880
DRAFT PARCEL ACQUISITION DOCUMENTS																		1	5	2			10	18		$ 2,880
FINAL PARCEL ACQUISITION DOCUMENTS																		1	5	2			10	18		$ 2,880
SUBTOTAL HOURS/COSTS																		**9**	**57**	**33**	**5**	**60**	**145**	**309**		**$ 51,250.00**
Task 5 SURVEYING																										
A RIGHT OF ENTRY (3 LETTERS)																										$ -
PREPARE AND MAIL LETTERS														2					2	4				8		$ 1,120
B FIELD SURVEYING																										$ -
SURVEY CORRIDOR AT 100 FT SECTIONS																			10	2		30	28	70		$ 12,250
ESTABLISH HORIZONTAL AND VERTICAL CONTROL (EST. 2-3 BENCHMARKS)																			2	2		20	4	28		$ 5,320
C DELIVERABLES																										$ -
CERTIFIED MAIL RIGHT OF ENTRY LETTERS														1										1		$ 90
MAPPING IN 2D AND 3D																					10			10		$ 1,900
PDF OF SURVEYOR NOTEBOOK																				2				2		$ 280
DTM OF PROPOSED CORRIDOR																			4				10	14		$ 2,160
SUBTOTAL HOURS/COSTS														**3**					**18**	**10**	**10**	**50**	**42**	**133**		**$ 23,120.00**
TASK 6 SCHEMATIC DEVELOPMENT																										
A SCHEMATIC																										$ -
PREPARE PRELIMINARY SCHEMATIC DELIVERABLE				12		24		60		24	24													144		$ 22,200
PREPARE CONCEPTUAL CONSTRUCTION SEQUENCE				2		12		16			8													38		$ 6,320
PREPARE FINAL SCHEMATIC DELIVERABLE				8		16		20		16	16													76		$ 12,000
B DELIVERABLES																										$ -
PRELIMINARY SCHEMATIC WITH COST ESTIMATE																										$ -
FINAL SCHEMATIC WITH COST ESTIMATE																										$ -
SUBTOTAL HOURS/COSTS				**22**		**52**		**96**		**40**	**48**													**258**		**$ 40,520.00**
TASK 7 DRAINAGE STUDY																										
A HYDROLOGIC/HYDRAULIC MODELING (1 MAJOR CHANNEL CROSSINGS)																										$ -
PREPARE HYDROLOGIC AND HYDRAULIC MODELS				4		16		60	8															88		$ 14,260
DEVELOP EXISTING CHANNEL CROSS SECTIONS								12	12															24		$ 3,360
EVALUATE PROPOSED STRUCTURE				6		16		60																82		$ 13,830
EXHIBITS AND ANALYSIS IN GIS						8		20	32															60		$ 8,960
D DELIVERABLES																										$ -
PRELIMINARY & FINAL DRAINAGE REPORT				2		16		40	16															74		$ 11,890
SUBTOTAL HOURS/COSTS				**12**		**56**		**192**	**68**															**328**		**$ 52,300.00**
TASK 8 ENVIRONMENTAL SERVICES																										
A DATA COLLECTION AND FIELD RECONNAISSANCE																										$ -
OBTAIN AND UPDATE PERIODICALLY PUBLICLY AVAILABLE INFORMATION															16	8	16							40		$ 5,864
CONDUCT A REGULATORY RECORD REVIEW															8									8		$ 1,600
CONDUCT FIELD RECONNAISSANCE															12		12							24		$ 3,588
B COUNTY DUE DELIGENCE																										$ -
C DELIVERABLES																										$ -
Draft & Final Environmental Due Diligence Report															4		4							8		$ 1,196
Draft & Final Cultural and Historic Resources Survey and/or Background Review														2	44	66	44							156		$ 22,246
Draft & Final Jurisdictional Waters Determination/Delineation															16		24							40		$ 5,576
Draft & Final Threatened and Endangered (T&E) Species Assessment															8		8							16		$ 2,392
Draft & Final Phase I Environmental Site Assessment															16		6							22		$ 3,794
Draft & Final USACE Section 404 General or Individual Permit Preparation															16		24							40		$ 5,576
SUBTOTAL HOURS/COSTS														**2**	**140**	**74**	**138**							**354**		**$ 51,832.00**

ATTACHMENT "D" FEE SCHEDULE

Ivy Switch Rd (CR133) at McNeil Creek

TASK/DESCRIPTION		SENIOR PROJECT MANAGER $350.00	SR TECHNICAL MANAGER $345.00	PROJECT MANAGER $260.00	SR PROJECT ENGINEER $235.00	PROJECT ENGINEER $210.00	DESIGN ENGINEER $165.00	GRADUATE ENGINEER $140.00	SENIOR GIS TECHNICIAN $140.00	GIS TECHNICIAN $105.00	SR CADD OPERATOR $130.00	CADD OPERATOR $110.00	PROJECT ACCOUNTANT $125.00	ADMIN CLERICAL $90.00	ENV SCIENTIST III $200.00	ENV SCIENTIST II $135.00	ENV SCIENTIST I $99.00	SR RPLS $250.00	RPLS $190.00	SURVEY COORDINATOR $140.00	SURVEY/ GEOSPATIAL MANAGER $190.00	2-MAN SURVEYING CREW $205.00	SR SURVEY TECHNICIAN $140.00	TOTAL MAN-HOURS	SUB ID.	TOTAL LABOR FOR TASK
FEE SUMMARY																										
TASK 1 **PROJECT MANAGEMENT**		15	7	11	2	54							12											**101**		**$ 23,835.00**
TASK 2 **ROUTE AND DESIGN STUDIES**				3		21	28	58		2		6												**118**		**$ 18,800.00**
TASK 3 **PUBLIC INVOLVEMENT**		4		4		18		12			16													**54**		**$ 9,980.00**
TASK 4 **RIGHT OF WAY (ROW) AND MAPPING**																		9	57	33	5	60	145	**309**		**$ 51,250.00**
TASK 5 **SURVEYING**														3					18	10	10	50	42	**133**		**$ 23,120.00**
TASK 6 **SCHEMATIC DEVELOPMENT**				22		52		96		40	48													**258**		**$ 40,520.00**
TASK 7 **DRAINAGE STUDY**			12			56		192	68															**328**		**$ 52,300.00**
TASK 8 **ENVIRONMENTAL SERVICES**														2	140	74	138							**354**		**$ 51,832.00**
																										$ -
TOTAL HOURS		**19**	**19**	**40**	**2**	**201**	**28**	**358**	**68**	**42**	**64**	**6**	**12**	**5**	**140**	**74**	**138**	**9**	**75**	**43**	**15**	**110**	**187**	**1655**		**$ 271,637.00**
CONTRACT RATES ($)		$ 350.00	$ 345.00	$ 260.00	$ 235.00	$ 210.00	$ 165.00	$ 140.00	$ 140.00	$ 105.00	$ 130.00	$ 110.00	$ 125.00	$ 90.00	$ 200.00	$ 135.00	$ 99.00	$ 250.00	$ 190.00	$ 140.00	$ 190.00	$ 205.00	$ 140.00			
TOTAL LABOR COSTS		$6,650	$6,555	$10,400	$470	$42,210	$4,620	$50,120	$9,520	$4,410	$8,320	$660	$1,500	$450	$28,000	$9,990	$13,662	$2,250	$14,250	$6,020	$2,850	$22,550	$26,180			**$ 271,637.00**
TOTAL BY CATEGORY		**2%**	**2%**	**4%**	**0%**	**16%**	**2%**	**18%**	**4%**	**2%**	**3%**	**0%**	**1%**	**0%**	**10%**	**4%**	**5%**	**1%**	**5%**	**2%**	**1%**	**8%**	**10%**	**100%**		**$ 271,637.00**
																									TOTAL LABOR =	**$ 271,637.00**
																									TOTAL ODE =	**$ 8,119.08**
TOTAL FEE																									**TOTAL FEE =**	**$ 279,756.08**

DIRECT EXPENSE ITEMS	UNIT	QTY	PRICE	TOTAL	
Standard Postage	letter	6	$0.68	$4.08	(Estimated, will use Current Postal Rate)
Certified Letter Return Receipt	each	3	$10.00	$30.00	(Estimated, will use Current Postal Rate)
MILEAGE	mile	1200	$0.700	$840.00	(Estimated, will use Current IRS Rate)
OVERNIGHT MAIL - LETTER SIZE	each		$25.40		(Estimated, will use Current Postal Rate)
OVERNIGHT MAIL - OVERSIZED BOX	each	2	$35.00	$70.00	(Estimated, will use actual cost)
COURIER SERVICES	each		$35.00		(Estimated, will use actual cost)
ERIS Radius Report/Database Search	each	1	$500.00	$500.00	(Estimated, will use actual cost)
GIS Base Map	LS	1	$175.00	$175.00	
Backhoe and Operator	DAY	2	$3,000.00	$6,000.00	(Estimated, will use actual cost)
Records Curation	LS	1	$500.00	$500.00	(Estimated, will use actual cost)
Materials Curation	LS		$425.00		(Estimated, will use actual cost)
			TOTAL	$8,119.08	