

EXHIBIT C

WORK AUTHORIZATION

WORK AUTHORIZATION NO. 1

PROJECT: Old Lytton Springs Rd (CR 183) at Dry Creek

This Work Authorization is made pursuant to the terms and conditions of the Caldwell County Contract for Engineering Services, being dated _____, 20____ and entered into by and between Caldwell County, Texas, a political subdivision of the State of Texas, (the "County") and Kimley-Horn and 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 \$289,544.60.

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:

Kimley-Horn and Associates, Inc.

By: Trey Neal
Signature

Trey Neal
Printed Name

Senior Vice President
Title

10/24/2025
Date

COUNTY:

Caldwell County, Texas

By: _____
Signature

Printed Name

Title

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 5:02 pm, Oct 31, 2025

ATTACHMENT A
SERVICES TO BE PROVIDED BY THE COUNTY
FOR OLD LYTTON SPRINGS RD (CR 183) AT DRY CREEK
(SCHEMATIC)

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

ATTACHMENT B
SERVICES TO BE PROVIDED BY THE ENGINEER
FOR OLD LYTTON SPRINGS RD (CR 183) AT DRY CREEK
(SCHEMATIC)

PROJECT DESCRIPTION

Project Type & Limits

Schematic - Low water crossing on Old Lytton Springs Rd (CR 183) at Dry Creek; limits of the project will be from Alamo Drive (450 ft south of the culvert crossing) to a private driveway (130 ft north of the culvert crossing).

Existing Facility

Existing CR 183 consists of two 10 ft lanes with no shoulder and approximately 30 ft of existing ROW. The existing pavement type is asphalt with a 2 Simple Span Steel Stringer Bridge on Concrete Bents with no bridge rail.

Proposed Facility

Proposed facility will be designed as a two-lane road with shoulders to improve the overall safety.

Design Criteria

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.

1. 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, to assure the 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 assumed):
- Attend a kickoff meeting with the County and its representatives and stakeholders, as necessary to communicate development of the project and design issues.
 - Attend virtual biweekly meeting and coordination/progress meeting 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 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 TxDOT Statewide Planning Map. Obtain traffic projections from the County and evaluate if the projections need adjusting.
- Review the data collected and organize the information.

b. DESIGN CRITERIA:

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

c. CONSTRAINTS MAP ([2] preliminary alignments assumed):

- Develop evaluation criteria to assist in evaluating route alignment alternatives.
- 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.
- Develop preliminary alignments and preliminary costs for use in soliciting input during coordination meetings with stakeholders. (one (1) horizontal alignment and two (2) vertical alignments assumed).

d. DELIVERABLES:

- Results of Records Research
- Property Owner Spreadsheets
- Design Summary Report and Typical Sections
- Constraints Map with Preliminary Alignments, and right-of-way; and cost estimates and Technical Memorandums
- Constraints Map with Refined Alignment, and right-of-way; and cost estimate and Technical Memorandum Recommendation

3. PUBLIC INVOLVEMENT SUPPORT

a. STAKEHOLDER COORDINATION SUPPORT ([1] meetings assumed):

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

b. PROPERTY OWNER MEETING SUPPORT (up to [3] meetings assumed):

- 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 as needed.
- One (1) person will attend meetings as requested to provide project technical support.

c. PUBLIC MEETING/OPEN HOUSE SUPPORT ([1] public meetings assumed):

- 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 Meeting 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):

- 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. SURVEYING

a. RIGHT OF ENTRY ([8] letters assumed):

- Upon receiving approval from GEC, prepare and mail right of entry letters per the County's standard for the project team including 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 wide at 50-foot intervals] along the proposed roadway centerline including identify existing landowners, deed recordation information, locate visible improvements and utilities including driveways, water wells, storage tanks, bridges (size, low-chord, rail), 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.
- Survey up to six (6) cross sections of Dry Creek.
- Obtain finished floor elevations of up to five (5) structures within or adjacent to the FEMA floodplain upstream and downstream of the crossing.
- 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 ORD 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, 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 final schematic submittal per Caldwell County submittal requirements and selected design criteria.

b. DELIVERABLES:

- Preliminary Schematic Submittal including cost estimate per submittal requirements.
- Final Schematic Submittal including cost estimate per submittal requirements.

7. DRAINAGE STUDY

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

- Modify the existing hydrologic and hydraulic models from the Caldwell County Flood Protection Planning Study, to define the drainage infrastructure required for the project. 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. 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.

b. FEMA COORDINATION:

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

c. IMPACT AND MITIGATION ANALYSIS:

- Prepare an impact analysis 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.

d. DELIVERABLES:

- Preliminary & Final Drainage Report.

8. ENVIRONMENTAL SERVICES

The following assumptions have been made for this task:

- No federal funding or compliance with TxDOT Standards
- No archeological mechanical trenching will be necessary.
- One previously unidentified archaeological site will be encountered.
- Cultural resources survey will be conducted under a non-collection policy and that only records will be curated at an appropriate facility. If artifacts processing, and/or curation with the state is requested or required, such services can be provided under a separate scope and fee.

a. 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.

b. 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.

c. **DELIVERABLES:**

- Draft & Final Environmental Due Diligence Report
- Draft & Final Cultural and Historic Resources Survey and/or Background Review
- Draft and Final Jurisdictional Waters Determination/Delineation
- Draft and Final Threatened and Endangered (T&E) Species Assessment
- Draft & Final Phase I Environmental Site Assessment

9. **DELIVERABLES**

a. **DOCUMENTS:**

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

10. **EXCLUSIONS**

a. **Utility Coordination and Subsurface Utility Engineering (SUE)**

- The County and its representatives will coordinate utility relocations and obtaining SUE information.

b. **Public Involvement**

c. **Conditional Letter of Map Revision (CLOMR) and Letter of Map Revision (LOMR)**

- If required, CLOMR and LOMR tasks will be under a separate Work Authorization.

d. Additional Environmental Services

- Development of inadvertent discovery plan, mechanical trenching and monitoring, human remains evaluation/coordination/removal.
- PCN and additional steps for compliance with Section 106 of the National Historic Preservation Act if NRHP eligible structures are found.
- Presence/Absence Survey
- USACE Section 404 General or Individual Permit preparation
- Stormwater Pollution Prevention Plan (SW3P)

e. Final Design Services

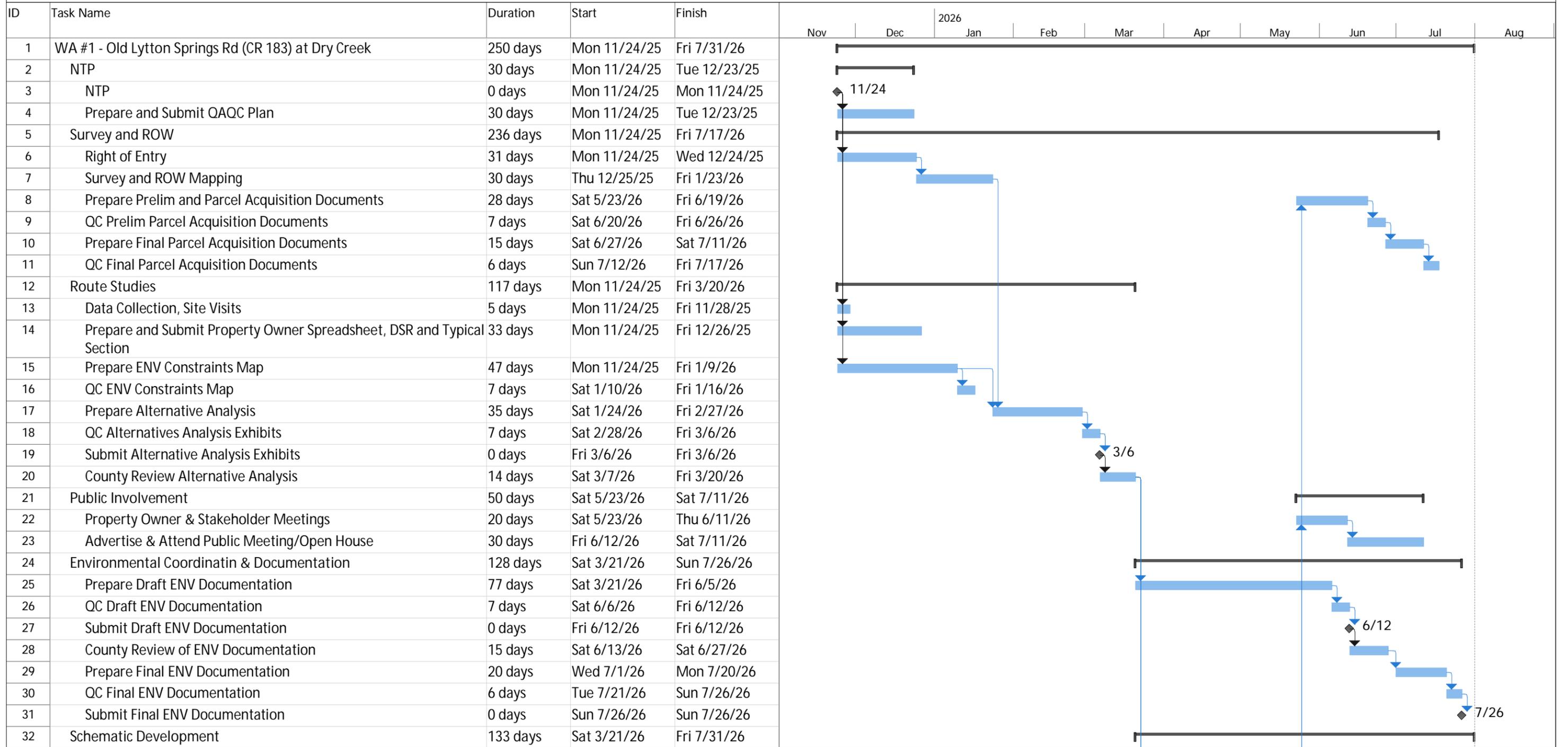
- Designer services for final design will be under a separate Work Authorization

f. Bidding and Construction Phase Services

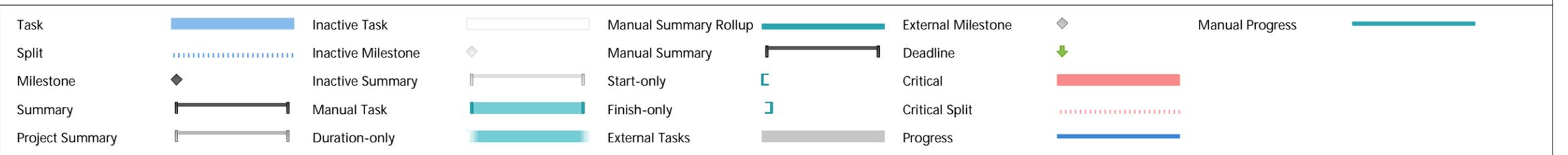
- Designer services during bidding and construction, will be under a separate Work Authorization.

Attachment C - Work Schedule

Caldwell County - Old Lytton Springs Rd (CR 183) at Dry Creek



Project: CR 183 (Old Lytton Springs Rd (CR 183) at D
Date: Fri 10/31/25



Attachment C - Work Schedule

Caldwell County - Old Lytton Springs Rd (CR 183) at Dry Creek

ID	Task Name	Duration	Start	Finish	Nov	Dec	2026 Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
33	Prepare Preliminary Schematic	63 days	Sat 3/21/26	Fri 5/22/26										
34	Prepare Preliminary Drainage Report	63 days	Sat 3/21/26	Fri 5/22/26										
35	QC Prelim Schematic & Drainage Report	7 days	Sat 5/23/26	Fri 5/29/26										
36	Submit Preliminary Schematic & Drainage Report	0 days	Fri 5/29/26	Fri 5/29/26										
37	County Review Preliminary Schematic & Drainage Report	14 days	Sat 5/30/26	Fri 6/12/26										
38	Prepare Final Schematic	35 days	Sat 6/13/26	Fri 7/17/26										
39	Prepare Final Drainage Report	35 days	Sat 6/13/26	Fri 7/17/26										
40	QC Final Schematic & Drainage Report	7 days	Sat 7/18/26	Fri 7/24/26										
41	Submit Final Schematic & Drainage Report	0 days	Fri 7/24/26	Fri 7/24/26										
42	Work Authorization #1 Expiration Date	1 day	Fri 7/31/26	Fri 7/31/26										

Project: CR 183 (Old Lytton Springs Rd (CR 183) at D
Date: Fri 10/31/25

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

**ATTACHMENT D - FEE SCHEDULE
 OLD LYTTON SPRINGS RD (CR 183) AT DRY CREEK
 WA #1 - SCHEMATIC**

SUMMARY

TASK	KIMLEY-HORN FEE	INLAND GEODETICS FEE	STANTEC FEE	EDGE ENGINEERING FEE	TOTAL FEE
KIMLEY-HORN AND ASSOCIATES, INC.					
TASK 1 - PROJECT MANAGEMENT	\$26,150.00				\$26,150.00
TASK 2 - ROUTE AND DESIGN STUDIES	\$29,865.00		\$2,740.00		\$32,605.00
TASK 3 - PUBLIC INVOLVEMENT	\$13,175.00				\$13,175.00
TASK 4 - RIGHT OF WAY (ROW) SUPPORT	\$4,580.00	\$28,890.00			\$33,470.00
TASK 5 - SURVEYING	\$3,680.00	\$29,720.00			\$33,400.00
TASK 6 - SCHEMATIC DEVELOPMENT	\$20,575.00				\$20,575.00
TASK 7 - DRAINAGE STUDY	\$16,800.00			\$37,620.00	\$54,420.00
TASK 8 - ENVIRONMENTAL SERVICES	\$5,520.00		\$67,235.00		\$72,755.00
SUBTOTAL (LABOR FEE)	\$120,345.00	\$58,610.00	\$69,975.00	\$37,620.00	\$286,550.00
DIRECT EXPENSES	\$1,975.00	\$169.60	\$850.00	\$0.00	\$2,994.60
TOTAL PROJECT COSTS PER FIRM	\$122,320.00	\$58,779.60	\$70,825.00	\$37,620.00	
COMBINED TOTAL					\$289,544.60

**ATTACHMENT D - FEE SCHEDULE
 OLD LYTTON SPRINGS RD (CR 183) AT DRY CREEK
 WA #1 - SCHEMATIC**

Kimley-Horn and Associates, Inc.
 Detail Fee Schedule

Task Number	Task Name	Design QA/QC Manager \$330.00	Design Senior Professional I \$285.00	Design Professional \$240.00	Design Analyst II \$215.00	Design Analyst I \$180.00	Senior Graphic Designer \$190.00	Graphic Designer \$135.00	Admin Clerical \$120.00	Project Control Special Senior \$200.00	Fact Witness \$425.00	KHA Labor Total (hours)
1	PROJECT MANAGEMENT											0
	b. MONTHLY PROGRESS REPORTS, INVOICES AND BILLING											
	Prepare 8 monthly progress reports and invoices		8							8		16
	c. QA/QC PLAN											
	Prepare QA/QC Plan	4	4									8
	d. PROJECT COORDINATION & ADMINISTRATION											
	Project Coordination and Administration		8	4					4			16
	e. PROGRESS/COORDINATION MEETINGS											
	Prepare agenda, attend, and prepare minutes for 16 virtual bi-weekly meetings		16		16							32
	Prepare agenda, attend, and prepare minutes for 4 external meetings		4		4							8
	Internal coordination meetings		8		8							16
	f. PROJECT SCHEDULE											
	Develop and maintain a detailed project schedule	2	2		4							8
												0
	Task Total (Hours)	6	50	4	32	0	0	0	4	8	0	104
	Task Total (Dollars)	\$1,980	\$14,250	\$960	\$6,880	\$0	\$0	\$0	\$480	\$1,600	\$0	\$26,150
2	ROUTE AND DESIGN STUDIES											0
	a. DATA COLLECTION											
	Perform record research and obtain existing information		1	2	6							9
	Conduct field investigation (Assume 2)		8	4	4							16
	Develop and maintain property ownership information		1			1						2
	Review aerial photography and contours			1		2						3
	Obtain existing traffic counts (TxDOT Statewide Planning Map)					1						1
	b. DESIGN CRITERIA											
	Develop Design Summary Report (DSR)		1	1	2							4
	c. CONSTRAINTS MAP											
	Develop evaluation criteria for alternatives	1	2		2							5
	Assistance with constraints map and technical memorandum		2	2	2							6
	Develop up to one (1) horizontal alignment		1	2	4							7
	Evaluate up to two (2) vertical alignment alternatives		2	4	6	8						20
	Develop preliminary corridor models (Assume 2)		1	2	4	6						13
	Prepare alternative design exhibits (Assume 2)		2	4	6	8						20
	Prepare Preliminary Opinion of Probable Construction Costs (Assume 2)		2	2	6							10
	Attend comment resolution meeting		2	2								4
	Perform QA/QC on preliminary and final recommended route exhibits	4	4									8
												0
	Task Total (Hours)	5	29	26	42	26	0	0	0	0	0	128
	Task Total (Dollars)	\$1,650	\$8,265	\$6,240	\$9,030	\$4,680	\$0	\$0	\$0	\$0	\$0	\$29,865
3	PUBLIC INVOLVEMENT											0
	a. STAKEHOLDER COORDINATION											
	Prepare exhibits for stakeholder meeting (assume 1)		1	2	4	8						15
	Attend 1 stakeholder meeting (in-person)		4									4
	b. PROPERTY OWNER MEETING SUPPORT											
	Prepare exhibits for affected property owners (assume 3)		3		3	9						15
	Perform QA/QC on property owner exhibits and update based on County comments		3	3								6
	Attend up to 3 meetings with affected property owners (in-person)		9									9
	c. PUBLIC MEETING/OPEN HOUSE											
	Attend public open house		6									6
												0
	Task Total (Hours)	0	26	5	7	17	0	0	0	0	0	55
	Task Total (Dollars)	\$0	\$7,410	\$1,200	\$1,505	\$3,060	\$0	\$0	\$0	\$0	\$0	\$13,175

**ATTACHMENT D - FEE SCHEDULE
 OLD LYTTON SPRINGS RD (CR 183) AT DRY CREEK
 WA #1 - SCHEMATIC**

Kimley-Horn and Associates, Inc.
 Detail Fee Schedule

Task Number	Task Name	Design QA/QC Manager \$330.00	Design Senior Professional I \$285.00	Design Professional \$240.00	Design Analyst II \$215.00	Design Analyst I \$180.00	Senior Graphic Designer \$190.00	Graphic Designer \$135.00	Admin Clerical \$120.00	Project Control Special Senior \$200.00	Fact Witness \$425.00	KHA Labor Total (hours)
4	RIGHT OF WAY (ROW) MAPPING											0
	a. ROW MAP											
	Coordination with ROW mapping subconsultant		2		4							6
	QA/QC of ROW mapping deliverables		3	3								6
	b. PARCEL ACQUISITION DOCUMENTS											
	QA/QC of parcel acquisition documents		3	3								6
												0
	Task Total (Hours)	0	8	6	4	0	0	0	0	0	0	18
	Task Total (Dollars)	\$0	\$2,280	\$1,440	\$860	\$0	\$0	\$0	\$0	\$0	\$0	\$4,580
5	SURVEYING											0
	a. RIGHT OF ENTRY											
	Coordination with surveying subconsultant		2		4							6
	QA/QC of right-of-entry letters (assume 8)		1	3								4
	b. FIELD SURVEYING											
	QA/QC of surveying deliverables		1	4								5
												0
	Task Total (Hours)	0	4	7	4	0	0	0	0	0	0	15
	Task Total (Dollars)	\$0	\$1,140	\$1,680	\$860	\$0	\$0	\$0	\$0	\$0	\$0	\$3,680
6	SCHEMATIC DEVELOPMENT											0
	a. SCHEMATIC											
	Prepare existing typical sections (assume 1)			1	2							3
	Prepare proposed typical sections (assume 1)			1	2							3
	Refine corridor model and prepare design cross sections (100' intervals)		1	4	6	12						23
	Develop schematic level bridge structure layout (up to 1)		1	2	4							7
	Evaluate refined ROW and easement needs		1	2								3
	Prepare Preliminary Schematic roll plot		2	4	6	12						24
	Prepare Preliminary Opinion of Probable Construction Cost		1		4							5
	Perform QA/QC on Preliminary Schematic, Cross Sections and OPCC	3	3									6
	Attend comment resolution meeting		1	1	1							3
	Address comments and prepare final Schematic, Cross Sections and OPCC		1	1	4	8						14
	Perform QA/QC on final Ultimate Schematic, Cross Sections and OPCC	1	1									2
												0
	Task Total (Hours)	4	12	16	29	32	0	0	0	0	0	93
	Task Total (Dollars)	\$1,320	\$3,420	\$3,840	\$6,235	\$5,760	\$0	\$0	\$0	\$0	\$0	\$20,575
7	DRAINAGE STUDY											0
	a. HYDROLOGIC/HYDRAULIC MODELING											
	Delineate external drainage areas			2	2	12						16
	Review and revise hydrologic calculations (hydrograph method)		1	4		12						17
	Delineate internal drainage areas (ditch)			2		12						14
	Prepare preliminary ditch analysis		1	2	4	6						13
	d. DELIVERABLES											
	Assist Edge with development of Preliminary Drainage Report			2		6						8
	Assist Edge with development of Prepare Final Drainage Report			1		4						5
	Perform QA/QC on H&H analysis and report	4	4									8
												0
	Task Total (Hours)	4	6	13	6	52	0	0	0	0	0	81
	Task Total (Dollars)	\$1,320	\$1,710	\$3,120	\$1,290	\$9,360	\$0	\$0	\$0	\$0	\$0	\$16,800

**ATTACHMENT D - FEE SCHEDULE
 OLD LYTTON SPRINGS RD (CR 183) AT DRY CREEK
 WA #1 - SCHEMATIC**

Kimley-Horn and Associates, Inc.
 Detail Fee Schedule

Task Number	Task Name	Design QA/QC Manager \$330.00	Design Senior Professional I \$285.00	Design Professional \$240.00	Design Analyst II \$215.00	Design Analyst I \$180.00	Senior Graphic Designer \$190.00	Graphic Designer \$135.00	Admin Clerical \$120.00	Project Control Special Senior \$200.00	Fact Witness \$425.00	KHA Labor Total (hours)
8	ENVIRONMENTAL SERVICES											0
	Coordination with Environmental subconsultant		4	8								12
	QA/QC of Environmental deliverables	4	4									8
	Task Total (Hours)	4	8	8	0	0	0	0	0	0	0	20
	Task Total (Dollars)	\$1,320	\$2,280	\$1,920	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,520
												0
	PROJECT TOTAL (Hours)	23	143	85	124	127	0	0	4	8	0	514
	PROJECT TOTAL (Dollars)	\$7,590	\$40,755	\$20,400	\$26,660	\$22,860	\$0	\$0	\$480	\$1,600	\$0	\$120,345

EXPENSES	UNIT	UNIT COST	QUANTITY	TOTAL
Mileage	MI	\$0.70	1400	\$980.00
Photocopies B/W (8 1/2" x 11")	EA	\$0.10	250	\$25.00
Photocopies B/W (11" x 17")	EA	\$0.20	250	\$50.00
Photocopies Color (8 1/2" x 11")	EA	\$0.75	250	\$187.50
Photocopies Color (8 1/2" x 11")	EA	\$1.25	250	\$312.50
Plots (Color on Bond)	SF	\$2.00	50	\$100.00
Presentation Boards up to 48"x60" Color Mounted / each	EA	\$75.00	4	\$300.00
Report Binding and Tabbing (includes labor and supplies) / each	EA	\$10	2	\$20.00
EXPENSE TOTAL				\$1,975.00

GRAND TOTAL (KHA)											\$122,320.00
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**ATTACHMENT D - FEE SCHEDULE
 OLD LYTTON SPRINGS RD (CR 183) AT DRY CREEK
 WA #1 - SCHEMATIC**

**Edge Engineering PLLC
 Detail Fee Schedule**

Task Number	Task Name	Project Manager \$300.00	Senior QC Reviewer \$290.00	Project Engineer \$200.00	Design Engineer \$165.00	Engineer-in-Training \$125.00	KHA Labor Total (hours)
7	DRAINAGE STUDY						0
	a) Hydraulic Modeling						0
	Prepare existing HEC-RAS model (1 crossing)	1		2	2	6	11
	Prepare proposed HEC-RAS models (1 crossing - 2 vertical alternatives)	1		6	12	24	43
	Prepare GIS exhibits of floodplain extents			2	6	12	20
	b) FEMA Coordination						0
	Coordination with local FPA	2		4		2	8
	c) Impact and Mitigation Analysis						0
	Prepare impact analysis for 100-yr storm	1		4	8	12	25
	Perform mitigation analysis	2		4	10	16	32
	Calculate volume of fill in 100-yr floodplain and storage recommendation			1	4	8	13
	Prepare Preliminary Drainage Report	4		8	12	24	48
	Prepare Final Drainage Report	2		4	6	12	24
	QA/QC		8				8
							0
							0
	Task Total (Hours)	13	8	35	60	116	232
	Task Total (Dollars)	\$3,900	\$2,320	\$7,000	\$9,900	\$14,500	\$37,620

GRAND TOTAL (Edge)	\$37,620.00
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**ATTACHMENT D - FEE SCHEDULE
 OLD LYTTON SPRINGS RD (CR 183) AT DRY CREEK
 WA #1 - SCHEMATIC**

Inland Geodetics LLC
 Detail Fee Schedule

Task Number	Task Name	Principle \$210.00	RPLS/ Project Manager \$190.00	SIT / Senior Office Tech \$140.00	Office Tech \$130.00	Admin \$80.00	2-Man Field Crew \$225.00	3-Man Field Crew \$295.00	KHA Labor Total (hours)
4	RIGHT OF WAY (ROW) MAPPING								0
	a. ROW MAP								0
	Research and compile deed/plat records, including subdivision plats and existing easements, and build a working map from recorded data.		2	5		1			8
	Calculate approximate search data to recover right of way monumentation and make initial pass to recover right of way monumentation.		1	2			10		13
	Draft preliminary right of way map and list of impacted tracts.		3	8					11
	b. PARCEL ACQUISITION DOCUMENTS (3 parcel documents assumed, 3 staking assumed):								0
	Upon approval of final schematic, prepare a right of way strip map.		0	0					0
	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.		15	84		1			100
	Set appropriate monumentation in accordance with County requirements. Prepare signed and sealed documents for right of way parcel and easement acquisition.		3	3		1	8		15
	c. ROW STAKING (3 parcels assumed):								0
	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.		6	6			12		24
	f. DELIVERABLES:								0
	Preliminary ROW Map and affected property owner list (drawing file, pdf)		2			2			4
	Final ROW Map and affected property owner list (drawing file, pdf)		0			0			0
	Draft Parcel Acquisition Documents (pdf)		1			1			2
	Final Parcel Acquisition Documents (pdf)		1			1			2
									0
	Task Total (Hours)	0	34	108	0	7	30	0	179
	Task Total (Dollars)	\$0	\$6,460	\$15,120	\$0	\$560	\$6,750	\$0	\$28,890
5	SURVEYING								0
	a. RIGHT OF ENTRY ([8] letters assumed):								0
	Upon receiving approval from GEC, prepare and mail right of entry letters per the County's standard for the project team including geotechnical and environmental. Send a second follow up letter to non-responsive property owners.		4	4	2	1			11
	b. FIELD SURVEYING:								0
	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, bridges (size, low-chord, rail), 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.		4	40		3	40		87
	Survey up to six (6) cross sections of Dry Creek.		2	4		1		16	23
	Obtain finished floor elevations of up to five (5) structures within or adjacent to the FEMA floodplain upstream and downstream of the crossing.		1	4			8		13
	Establish horizontal and vertical control and set temporary benchmarks.		1	3				8	12
	c. DELIVERABLES:								0
	Certified Mail Right of Entry Letters, Follow Up Letters, and Executed Right of Entry Documents.		2			1			3
	Mapping in 2-D and 3-D Microstation ORD Files (Surface)		2	2		1			5
									0
	Task Total (Hours)	0	16	57	2	7	48	24	154
	Task Total (Dollars)	\$0	\$3,040	\$7,980	\$260	\$560	\$10,800	\$7,080	\$29,720
									0
	PROJECT TOTAL (Hours)	0	50	165	2	14	78	24	179
	PROJECT TOTAL (Dollars)	\$0	\$9,500	\$23,100	\$260	\$1,120	\$17,550	\$7,080	\$58,610

**ATTACHMENT D - FEE SCHEDULE
 OLD LYTTON SPRINGS RD (CR 183) AT DRY CREEK
 WA #1 - SCHEMATIC**

**Inland Geodetics LLC
 Detail Fee Schedule**

Task Number	Task Name	Principle	RPLS/ Project Manager	SIT / Senior Office Tech	Office Tech	Admin	2-Man Field Crew	3-Man Field Crew	KHA Labor Total (hours)
		\$210.00	\$190.00	\$140.00	\$130.00	\$80.00	\$225.00	\$295.00	
	EXPENSES	UNIT	UNIT COST	QUANTITY	TOTAL				
	Certified Mail 1st Mailing (2 letters per owner)	EA	\$5.30	16	\$84.80				
	Certified Mail 2nd Mailing (2 letters per owner)	EA	\$5.30	16	\$84.80				
					\$0.00				
				EXPENSE TOTAL	\$169.60				
GRAND TOTAL (Inland)									\$58,779.60

**ATTACHMENT D - FEE SCHEDULE
 OLD LYTTON SPRINGS RD (CR 183) AT DRY CREEK
 WA #1 - SCHEMATIC**

Stantec Consulting Services Inc.
 Detail Fee Schedule

Task Number	Task Name	Senior ENV Project Manager \$190.00	ENV Project Manager \$150.00	Senior GIS Analyst \$150.00	GIS Analyst \$125.00	Senior ENV Scientist \$150.00	ENV Scientist \$125.00	Technical Editor \$110.00	ENV Crew Lead \$120.00	Senior Historian \$170.00	Historian \$130.00	Senior Archeologist \$170.00	Archeologist \$125.00	KHA Labor Total (hours)
2	ROUTE AND DESIGN STUDIES													0
	c. CONSTRAINTS MAP													
	Draft & Final Environmental Constraints Map	1	4	3	12									20
														0
														0
	Task Total (Hours)	1	4	3	12	0	0	0	0	0	0	0	0	20
	Task Total (Dollars)	\$190	\$600	\$450	\$1,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,740
8	ENVIRONMENTAL SERVICES													0
	Project Coordination and Administration		20											20
	Progress/Coordination Meetings		66											66
	a. COUNTY DUE DILIGENCE													
	Draft & Final Environmental Due Diligence Report	1	2	2	16	4	24	8	16	4	16	4	20	117
	c. HAZARDOUS MATERIALS ENVIRONMENTAL SITE ASSESSMENT													
	Draft & Final Phase I Environmental Site Assessment Report	1	6	2	8		40							57
	d. SECTION 404 CLEAN WATER ACT COMPLIANCE													
	Draft & Final Jurisdictional Waters Delineation/Determination	1	1	2	12	24	28	4						72
	e. ENDANGERED SPECIES ACT COMPLIANCE													
	Draft & Final Threatened and Endangered (T&E) Species Assessment	1	4	2	8	12	12							39
	f. HISTORIC SITE COMPLIANCE													
	Draft & Final Cultural and Historic Resources Survey and/or Background Review	1	2	4	15					8	18	24	48	120
														0
	Task Total (Hours)	5	101	12	59	40	104	12	16	12	34	28	68	491
	Task Total (Dollars)	\$950	\$15,150	\$1,800	\$7,375	\$6,000	\$13,000	\$1,320	\$1,920	\$2,040	\$4,420	\$4,760	\$8,500	\$67,235
														0
														0
	PROJECT TOTAL (Hours)	6	105	15	71	40	104	12	16	12	34	28	68	511
	PROJECT TOTAL (Dollars)	\$1,140	\$15,750	\$2,250	\$8,875	\$6,000	\$13,000	\$1,320	\$1,920	\$2,040	\$4,420	\$4,760	\$8,500	\$69,975

EXPENSES	UNIT	UNIT COST	QUANTITY	TOTAL
Mileage	Mile	\$0.70	520	\$364.00
Hazmat Database Search	Cost	\$350.00	1	\$350.00
TARL Archeological Site Form	Cost	\$111.00	1	\$111.00
GPS Unit	Day	\$25.00	1	\$25.00
EXPENSE TOTAL				\$850.00

GRAND TOTAL (Stantec)														\$70,825.00
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