

EXHIBIT C

WORK AUTHORIZATION

WORK AUTHORIZATION NO. 02

PROJECT: North Hackberry Avenue (Alternate Truck Route)

This Work Authorization is made pursuant to the terms and conditions of the Caldwell County Contract for Engineering Services, being dated _____ and entered into by and between Caldwell County, Texas, a political subdivision of the State of Texas, (the "County") and Rodriguez Transportation Group, 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 \$368,617.48.

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 September 30, 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:

[Rodriguez Transportation Group, Inc.]

By: Robert Carrillo, P.E.
Signature

Robert Carrillo, PE
Printed Name

Vice President
Title

10/07/2025
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 11:39 am, Oct 29, 2025

**ATTACHMENT A
SERVICES TO BE PROVIDED BY THE COUNTY
FOR NORTH HACKBERRY AVENUE (ALTERNATE TRUCK ROUTE)
(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 NORTH HACKBERRY AVENUE (ALTERNATE TRUCK ROUTE)
(SCHEMATIC)**

PROJECT DESCRIPTION

Project Type & Limits

Schematic – SH 80 to East Pierce Street (0.20 miles)

Existing Facility

North Hackberry Avenue is an existing 2 lane undivided, asphalt paved roadway connecting to SH 80 with a stop sign at one end and connecting to East Pierce Street on the other end with stop signs at a 4-way intersection. The street has curb and gutter drainage and on-street parking available with approximately 50 ft existing ROW. Special features for this street include an existing Union Pacific Railroad crossing and several private driveways connecting to the street through Luling's downtown district.

Proposed Facility

This project proposes a reconstruction of the existing roadway for an alternate truck route. The project also proposes reconstruction of the existing Union Pacific Railroad crossing and refinement of the SH 80 intersection geometry within the limits of existing ROW. The proposed roadway will have asphalt pavement and include curb and gutter drainage with standard shoulder width.

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 ([5] 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 ([10] biweekly meetings assumed, [1] 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 a 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. 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. DELIVERABLES:

- Results of Records Research
- Property Owner Spreadsheets
- Design Summary Report and Typical Sections

3. PUBLIC INVOLVEMENT

a. The Engineer will provide general public outreach and engagement throughout the project. A database will be developed and maintained in Excel format which includes adjacent and nearby property owners and residents, businesses, churches, schools, educational/community organizations, elected/public officials, local emergency responders, as Fire and Police, and any interested individuals. The Engineer will identify and reach out to key stakeholders that may be interested and will collect contact information for updates.

b. STAKEHOLDER COORDINATION ([2] meetings assumed):

- Coordinate with affected local agencies, County’s consultants, and affected property owners.
 - Prepare agendas, sign in sheets, meeting minutes, discussion topics, presentations, overall exhibits, and maps of the project limits for stakeholder coordination meetings.
- c. PROPERTY OWNER MEETING SUPPORT (up to **[4]** meetings assumed):
- Prepare agendas, sign in sheets, meeting minutes, discussion topics, presentations, 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.
- d. PUBLIC MEETING/OPEN HOUSE (**[1]** public meetings assumed):
- Prepare handout materials, presentation, and exhibits for public viewing. Develop an invitation list of affected property owners, elected officials, stakeholders, school districts, local affected agencies, utility owners, and any other individuals potentially impacted or who have showed interest in the project.
 - Provide experienced meeting facilitator and attend public open house meeting to solicit input from the general public.
 - Prepare public meeting summary and responses to any comments or questions provided.
- e. DELIVERABLES:
- Stakeholder Meeting Agendas, Sign-In Sheets, Meeting Minutes, Presentations, Exhibits, and Maps
 - Property Owner Meeting Agendas, Sign-In Sheets, Meeting Minutes, Presentation, Exhibits, and Maps
 - Public Meeting Sign-In Sheets, Handouts, Presentations, Maps, and Exhibits
 - Public Meeting Open House Meeting Summary and comment responses.

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 digital right of way map.
- b. DELIVERABLES:
 - Final digital ROW Map (MicroStation drawing file)

5. SURVEYING

- a. RIGHT OF ENTRY ([18] 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 sections] on either side of the proposed roadway centerline (125-foot approximate width) 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. Extend survey limits 200-ft on each side of all intersecting roadways. Extend survey limits 500-ft on each side of the intersecting railroad (including top of rail elevations, ditch elevations and structures).
 - 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, 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.
- Coordinate with the railroad to determine submittal requirements, processing schedules, and exhibit formats. Draft railroad agreements, exhibits and layouts sheets will be prepared in accordance with the requirements of the railroad.

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 ([0] major channel crossings, [1] cross drainage structures assumed):

- Prepare hydrologic and hydraulic models 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, right-of-way drainage, and right of way requirements. Atlas 14 precipitation depths shall be used for all hydrologic analysis. As there is no existing drainage infrastructure, an analysis of the existing and proposed ponding widths will be conducted to determine the impacts of the proposed project. Recommendations will be made to address excessive ponding depths that exceed the design allowable ponding width/depth.

- Prepare impact analysis at existing drainage outfalls to determine peak flow rate changes due to proposed improvements. Prepare preliminary mitigation measures (detention, in-line storage, etc.) to reduce peak flow rates to pre-project conditions or show adequate conveyance with no adverse impact to existing drainage infrastructure.
- Exhibits and analysis will be prepared in the GIS environment to the extent practical.

b. DELIVERABLES:

- Preliminary & Final Drainage Report.

8. ENVIRONMENTAL SERVICES

a. COUNTY DUE DILIGENCE:

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

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. HAZARDOUS MATERIALS ENVIRONMENTAL SITE ASSESSMENT:

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

d. SECTION 404 CLEAN WATER ACT COMPLIANCE:

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

e. ENDANGERED SPECIES ACT COMPLIANCE:

- Prepare a letter documenting the project's effects on federally listed Threatened & Endangered Species to document the project's compliance with the Endangered Species Act based on data collection and field reconnaissance.
- It is assumed no federally listed species or suitable habitat would be impacted by the project.

f. HISTORICAL SITE COMPLIANCE:

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

g. TEXAS ANTIQUITIES CODE (TAC) COMPLIANCE:

- Prepare a Project Initiation Letter, Texas Antiquities Permit Application, and Associated Scope of Work based on data collection and field reconnaissance.
- Conduct a pedestrian survey and report of sufficient intensity to determine the nature, extent, and potential significance of any cultural resources located within the Area of Potential Effect in accordance with full report guidelines as outlined by the Texas Historical Commissions Rules of Practice and Procedures.
- Coordinate with Texas Historical Commission including submittals to Texas Historical Commission and project records to the appropriate curation facility per Texas Historical Commission requirements.

h. DELIVERABLES:

- Draft & Final Environmental Due Diligence Report
- Draft & Final Regulatory Records Review
- Draft & Final Hazardous Materials Environmental Site Assessment (ESA) Report
- Draft & Final Wetlands Determination/Jurisdictional Waters Determination
- Draft & Final Endangered Species Letter
- Draft & Final Historic Building Survey
- Draft & Final Texas Antiquities Permit Application Associated Scope of Work and Report

9. DELIVERABLES

a. DOCUMENTS:

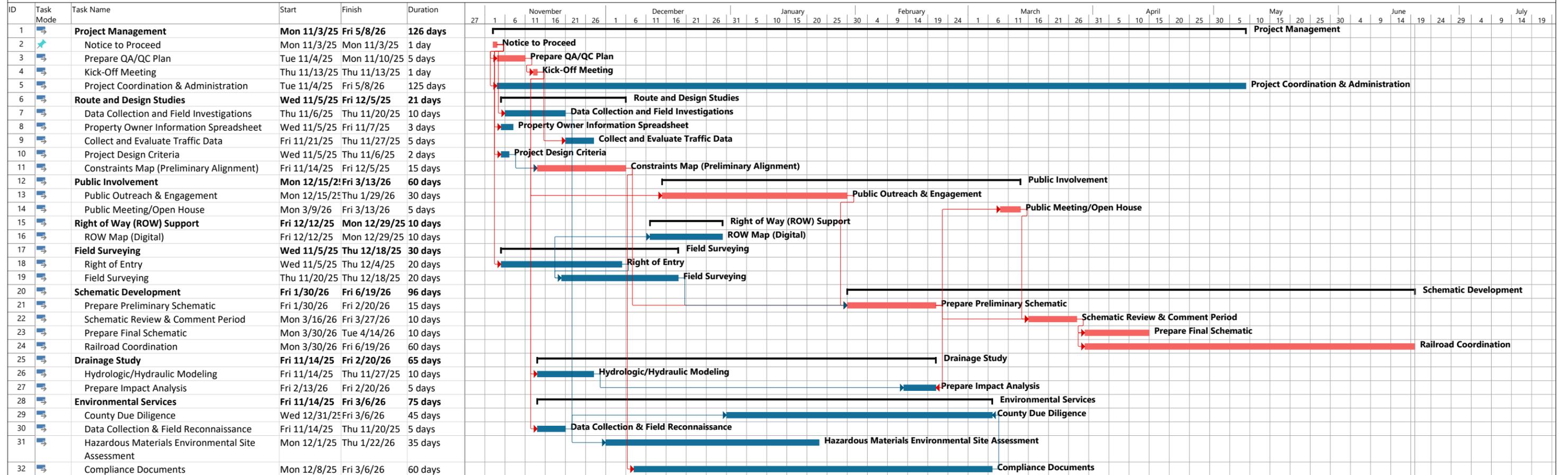
- All contract documents, including hard copies and electronic files, shall be turned over to the County at each milestone and at the completion of the project. Documents shall be posted to the County's project management database as requested.

10. EXCLUSIONS

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

- The County and its representatives to provide existing survey control network information to the Engineer if available.
- The County and its representatives will lead the public involvement effort.
- Final railroad agreements, exhibits and layouts sheets will be developed under a separate work authorization.

**N. Hackberry Ave. (WA#2 - Schematic/Env.)
Attachment C - Design Schedule**



Rodriguez Transportation Group, Inc.
N. Hackberry Ave. (WA#2 - Schematic/Env.)
Date: Tue 10/7/25

Task Summary Critical

ATTACHMENT D - FEE SCHEDULE

Prime Provider: RODRIGUEZ TRANSPORTATION GROUP, Inc. (RTG)

Estimate of Engineering Services Budget

Project: N. Hackberry Ave. (Alt. Truck Route), SH 80 to E. Pierce St.

Method of Pay: Specified Rate

SUMMARY

TASK	DESCRIPTION	RTG	RTG - SURVEY	TOTAL
1	PROJECT MANAGEMENT	\$57,990.64	\$5,519.00	\$63,509.64
2	ROUTE AND DESIGN STUDIES	\$24,400.96	\$0.00	\$24,400.96
3	PUBLIC INVOLVEMENT	\$36,697.56	\$0.00	\$36,697.56
4	RIGHT OF WAY (ROW) SUPPORT	\$0.00	\$26,791.24	\$26,791.24
5	SURVEYING	\$0.00	\$29,737.00	\$29,737.00
6	SCHEMATIC DEVELOPMENT	\$97,997.92	\$0.00	\$97,997.92
7	DRAINAGE STUDY	\$28,904.56	\$0.00	\$28,904.56
8	ENVIRONMENTAL SERVICES	\$54,568.60	\$0.00	\$54,568.60
LABOR SUBTOTALS		\$ 300,560.24	\$ 62,047.24	\$ 362,607.48
OTHER DIRECT EXPENSES SUBTOTALS		\$ 1,750.00	\$ 4,260.00	\$ 6,010.00
PROVIDER SUBTOTALS		\$ 302,310.24	\$ 66,307.24	\$ 368,617.48
Percentage		82.0%	18.0%	

ATTACHMENT D - FEE SCHEDULE														
PRIME PROVIDER: RODRIGUEZ TRANSPORTATION GROUP, Inc.														
Estimate of Engineering Services Budget														
Project: N. Hackberry Ave. (Alt. Truck Route), SH 80 to E. Pierce St.														
Method of Pay: Specified Rate														
Rodriguez Transportation Group, Inc.	Project Manager	Quality Manager	Senior Engineer	Project Engineer	Design Engineer	EIT	Senior Engineer Specialist	Senior Engineer Tech	Engineer Tech	Junior Engineer Tech	Senior Environmental Specialist	Admin/Clerical	TOTAL HOURS	TOTAL LABOR COST
CONTRACT RATE PER HOUR	\$311.36	\$289.99	\$274.73	\$225.86	\$192.31	\$144.23	\$198.41	\$173.08	\$118.59	\$102.56	\$206.04	\$103.79		
TASK 1 - PROJECT MANAGEMENT														
b. Monthly Progress Report, Invoices, Billings (7 Mo.)	7											14	28	\$5,213.60
c. QA/QC Plan / Internal Reviews (6 Review Periods)	6	18		18	18			18			6		84	\$18,966.72
d. Project Coordination & Admin	20			20				8					48	\$12,129.04
e. Progress/ Coordination Meetings (10 biweekly, 1 external)	18			23	18						10		69	\$16,321.24
f. Project Schedule	4			8	12								24	\$5,360.04
HOURS SUB-TOTAL	55	18	0	76	48	0	0	26	0	0	16	14	253	
CONTRACT RATE PER HOUR	\$311.36	\$289.99	\$274.73	\$225.86	\$192.31	\$144.23	\$198.41	\$173.08	\$118.59	\$102.56	\$206.04	\$103.79		
TOTAL LABOR COSTS	\$17,124.80	\$5,219.82	\$0.00	\$17,165.36	\$9,230.88	\$0.00	\$0.00	\$4,500.08	\$0.00	\$0.00	\$3,296.64	\$1,453.06		\$57,990.64
% DISTRIBUTION OF STAFF HOURS	21.7%	7.1%	0.0%	30.0%	19.0%	0.0%	0.0%	10.3%	0.0%	0.0%	6.3%	5.5%		
TASK 1 SUBTOTAL	\$17,124.80	\$5,219.82	\$0.00	\$17,165.36	\$9,230.88	\$0.00	\$0.00	\$4,500.08	\$0.00	\$0.00	\$3,296.64	\$1,453.06		\$57,990.64
TASK 2 - ROUTE AND DESIGN STUDIES														
a. Data Collection													0	\$0.00
Record Research +	2			4			8				8		22	\$4,761.76
Field Investigation + Pavement Condition Assessment	8			12	12						8		40	\$9,157.24
Develop and Maintain Adjacent Property Ownership Information	2		2									8	12	\$2,002.50
Review Aerial Photography and Contours	2			2	2								6	\$1,459.06
Obtain Existing Traffic Data (Available Data Only)				2	2								4	\$836.34
Review and Organize Collected Data				4	4								8	\$1,672.68
b. Design Criteria	2			6	2								10	\$2,362.50
c. Constraints Map (Assume: 1 preliminary alignment)													0	
Develop Constraints Map and Technical Memo													0	\$0.00
Develop Preliminary Alignments and Preliminary Cost (Assume: 1)													0	\$0.00
Refine Preliminary Alignments and Preliminary Cost (Assume: 1)													0	\$0.00
d. Deliverables	4			4									8	\$2,148.88
HOURS SUB-TOTAL	20	0	2	34	22	0	8	0	0	0	16	8	110	
CONTRACT RATE PER HOUR	\$311.36	\$289.99	\$274.73	\$225.86	\$192.31	\$144.23	\$198.41	\$173.08	\$118.59	\$102.56	\$206.04	\$103.79		
TOTAL LABOR COSTS	\$6,227.20	\$0.00	\$549.46	\$7,679.24	\$4,230.82	\$0.00	\$1,587.28	\$0.00	\$0.00	\$0.00	\$3,296.64	\$830.32		\$24,400.96
% DISTRIBUTION OF STAFF HOURS	18.2%	0.0%	1.8%	30.9%	20.0%	0.0%	7.3%	0.0%	0.0%	0.0%	14.5%	7.3%		
TASK 2 SUBTOTAL	\$6,227.20	\$0.00	\$549.46	\$7,679.24	\$4,230.82	\$0.00	\$1,587.28	\$0.00	\$0.00	\$0.00	\$3,296.64	\$830.32		\$24,400.96
TASK 3 - PUBLIC INVOLVEMENT														
a. Provide General Public Outreach and Engagement	8			8							8	20	44	\$8,021.88
b. Stakeholder Coordination Meetings (Assume: 2 meetings)	12			12				8					32	\$7,831.28
c. Property Owner Meeting Support (Assume: 4 meetings)	16			16				8					40	\$9,980.16
d. Public Meeting / Open House (Assume: 1 public meeting)	8			8				16			8		40	\$8,715.36
e. Deliverables	4			4									8	\$2,148.88
HOURS SUB-TOTAL	48	0	0	48	0	0	0	32	0	0	16	20	164	
CONTRACT RATE PER HOUR	\$311.36	\$289.99	\$274.73	\$225.86	\$192.31	\$144.23	\$198.41	\$173.08	\$118.59	\$102.56	\$206.04	\$103.79		
TOTAL LABOR COSTS	\$14,945.28	\$0.00	\$0.00	\$10,841.28	\$0.00	\$0.00	\$0.00	\$5,538.56	\$0.00	\$0.00	\$3,296.64	\$2,075.80		\$36,697.56
% DISTRIBUTION OF STAFF HOURS	29.3%	0.0%	0.0%	29.3%	0.0%	0.0%	0.0%	19.5%	0.0%	0.0%	9.8%	12.2%		
TASK 3 SUBTOTAL	\$14,945.28	\$0.00	\$0.00	\$10,841.28	\$0.00	\$0.00	\$0.00	\$5,538.56	\$0.00	\$0.00	\$3,296.64	\$2,075.80		\$36,697.56

ATTACHMENT D - FEE SCHEDULE
PRIME PROVIDER: RODRIGUEZ TRANSPORTATION GROUP, Inc.
Estimate of Engineering Services Budget
Project: N. Hackberry Ave. (Alt. Truck Route), SH 80 to E. Pierce St.
Method of Pay: Specified Rate

Rodriguez Transportation Group, Inc.	Project Manager	Quality Manager	Senior Engineer	Project Engineer	Design Engineer	EIT	Senior Engineer Specialist	Senior Engineer Tech	Engineer Tech	Junior Engineer Tech	Senior Environmental Specialist	Admin/Clerical	TOTAL HOURS	TOTAL LABOR COST
TASK 6 - SCHEMATIC DEVELOPMENT														
a. Schematic														
Prepare Preliminary Schematic, Cross Sections and Cost Estimate	8			30	60		40	30			4		172	\$34,758.24
Prepare Final Schematic, Cross Sections and Cost Estimate	4			16	40		20	16					96	\$19,289.08
Railroad Coordination + Agreements, Exhibits and Layout Sheets	16			40	64	16		64	16				216	\$41,606.24
b. Deliverables	4		4										8	\$2,344.36
HOURS SUB-TOTAL	32	0	4	86	164	16	60	110	16	0	4	0	492	
CONTRACT RATE PER HOUR	\$311.36	\$289.99	\$274.73	\$225.86	\$192.31	\$144.23	\$198.41	\$173.08	\$118.59	\$102.56	\$206.04	\$103.79		
TOTAL LABOR COSTS	\$9,963.52	\$0.00	\$1,098.92	\$19,423.96	\$31,538.84	\$2,307.68	\$11,904.60	\$19,038.80	\$1,897.44	\$0.00	\$824.16	\$0.00		\$97,997.92
% DISTRIBUTION OF STAFF HOURS	6.5%	0.0%	0.8%	17.5%	33.3%	3.3%	12.2%	22.4%	3.3%	0.0%	0.8%	0.0%		
TASK 6 SUBTOTAL	\$9,963.52	\$0.00	\$1,098.92	\$19,423.96	\$31,538.84	\$2,307.68	\$11,904.60	\$19,038.80	\$1,897.44	\$0.00	\$824.16	\$0.00		\$97,997.92
TASK 7 - DRAINAGE STUDY														
a. Hydrologic / Hydraulic Modeling (Assume: 2 cross drainage structures)														
Prepare hydrologic and hydraulic models	1			12		20							33	\$5,906.28
Prepare existing & proposed conditions analysis	1			10		12							23	\$4,300.72
Prepare proposed drainage infrastructure recommendations	1			8		16							25	\$4,425.92
Impact Analysis	1			10		16							27	\$4,877.64
b. Deliverables (Prel and Final Drainage Report)	3			16		24		8					51	\$9,394.00
HOURS SUB-TOTAL	7	0	0	56	0	88	0	8	0	0	0	0	159	
CONTRACT RATE PER HOUR	\$311.36	\$289.99	\$274.73	\$225.86	\$192.31	\$144.23	\$198.41	\$173.08	\$118.59	\$102.56	\$206.04	\$103.79		
TOTAL LABOR COSTS	\$2,179.52	\$0.00	\$0.00	\$12,648.16	\$0.00	\$12,692.24	\$0.00	\$1,384.64	\$0.00	\$0.00	\$0.00	\$0.00		\$28,904.56
% DISTRIBUTION OF STAFF HOURS	4.4%	0.0%	0.0%	35.2%	0.0%	55.3%	0.0%	5.0%	0.0%	0.0%	0.0%	0.0%		
TASK 7 SUBTOTAL	\$2,179.52	\$0.00	\$0.00	\$12,648.16	\$0.00	\$12,692.24	\$0.00	\$1,384.64	\$0.00	\$0.00	\$0.00	\$0.00		\$28,904.56
TASK 8 - ENVIRONMENTAL SERVICES														
a. County Due Diligence														
	2					4					40		46	\$9,441.24
b. Data Collection & Field Reconnaissance														
											24		24	\$4,944.96
c. Hazardous Materials Env Site Assessment														
											38		38	\$7,829.52
d. Section 404 Compliance (assumed not PCN)														
											26		26	\$5,357.04
e. Endangered Species Act Compliance (assume no BA/BO)														
											32		32	\$6,593.28
f. Historical Site Compliance														
											24		24	\$4,944.96
g. Texas Antiquities Code (TAC) Compliance														
											48		48	\$9,889.92
h. Deliverables														
	2										24		26	\$5,567.68
HOURS SUB-TOTAL	4	0	0	0	0	4	0	0	0	0	256	0	264	
CONTRACT RATE PER HOUR	\$311.36	\$289.99	\$274.73	\$225.86	\$192.31	\$144.23	\$198.41	\$173.08	\$118.59	\$102.56	\$206.04	\$103.79		
TOTAL LABOR COSTS	\$1,245.44	\$0.00	\$0.00	\$0.00	\$0.00	\$576.92	\$0.00	\$0.00	\$0.00	\$0.00	\$52,746.24	\$0.00		\$54,568.60
% DISTRIBUTION OF STAFF HOURS	1.5%	0.0%	0.0%	0.0%	0.0%	1.5%	0.0%	0.0%	0.0%	0.0%	97.0%	0.0%		
TASK 8 SUBTOTAL	\$1,245.44	\$0.00	\$0.00	\$0.00	\$0.00	\$576.92	\$0.00	\$0.00	\$0.00	\$0.00	\$52,746.24	\$0.00		\$54,568.60
TOTAL LABOR HOURS	166	18	6	300	234	108	68	176	16	0	308	42	1442	
TOTAL % DISTRIBUTION OF STAFF HOURS	11.5%	1.2%	0.4%	20.8%	16.2%	7.5%	4.7%	12.2%	1.1%	0.0%	21.4%	2.9%		
TOTAL LABOR COST	\$51,685.76	\$5,219.82	\$1,648.38	\$67,758.00	\$45,000.54	\$15,576.84	\$13,491.88	\$30,462.08	\$1,897.44	\$0.00	\$63,460.32	\$4,359.18		\$300,560.24
OTHER DIRECT EXPENSES														
Mileage (per mile)						QTY	UNIT COST	UNIT						Total
						2500	\$0.70	Mile						\$1,750.00
OTHER DIRECT EXPENSES SUBTOTAL														\$1,750.00
GRAND TOTAL (RTG)														\$302,310.24

ATTACHMENT D - FEE SCHEDULE														
PRIME PROVIDER: RODRIGUEZ TRANSPORTATION GROUP, Inc.														
Estimate of Engineering Services Budget														
Project: N. Hackberry Ave. (Alt. Truck Route), SH 80 to E. Pierce St.														
Method of Pay: Specified Rate														
Rodriguez Transportation Group, Inc.	Senior Surveyor (RPLS)	Senior Project Control Specialist	Senior Survey Tech	3-Person Survey Crew	2-Person Survey Crew	1-Person Survey Crew							TOTAL HOURS	TOTAL LABOR COST
CONTRACT RATE PER HOUR	\$222.83	\$184.68	\$140.42	\$254.00	\$212.00	\$145.00								
TASK 1 - PROJECT MANAGEMENT														
b. Monthly Progress Report, Invoices, Billings (7 Mo.)													0	\$0.00
c. QA/QC Plan / Internal Reviews													0	\$0.00
d. Project Coordination & Admin	12		12			8							32	\$5,519.00
e. Progress/ Coordination Meetings (14 biweekly, 1 external)													0	\$0.00
f. Project Schedule													0	\$0.00
HOURS SUB-TOTAL	12	0	12	0	0	8	0	0	0	0	0	0	32	
CONTRACT RATE PER HOUR	\$222.83	\$184.68	\$140.42	\$254.00	\$212.00	\$145.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
TOTAL LABOR COSTS	\$2,673.96	\$0.00	\$1,685.04	\$0.00	\$0.00	\$1,160.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5,519.00
% DISTRIBUTION OF STAFF HOURS	37.5%	0.0%	37.5%	0.0%	0.0%	25.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
TASK 1 SUBTOTAL	\$2,673.96	\$0.00	\$1,685.04	\$0.00	\$0.00	\$1,160.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5,519.00
TASK 4 - RIGHT OF WAY SUPPORT														
a. ROW Mapping (Digital Only)	18		88		28	24							158	\$25,783.90
b. Parcel Acquisition Documents (Assume: 4 parcels)													0	\$0.00
c. ROW Staking (Assume: 18 parcels)													0	\$0.00
d. Condemnation Hearing Exhibits (Assume: 4 parcels)													0	\$0.00
e. Attend Condemnation Hearings (Assume: 4 hearings)													0	\$0.00
f. Deliverables	2		4										6	\$1,007.34
HOURS SUB-TOTAL	20	0	92	0	28	24	0	0	0	0	0	0	164	
CONTRACT RATE PER HOUR	\$222.83	\$184.68	\$140.42	\$254.00	\$212.00	\$145.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
TOTAL LABOR COSTS	\$4,456.60	\$0.00	\$12,918.64	\$0.00	\$5,936.00	\$3,480.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$26,791.24
% DISTRIBUTION OF STAFF HOURS	12.2%	0.0%	56.1%	0.0%	17.1%	14.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
TASK 4 SUBTOTAL	\$4,456.60	\$0.00	\$12,918.64	\$0.00	\$5,936.00	\$3,480.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$26,791.24
TASK 5 - SURVEYING														
a. Right of Entry Letters (Assume: 18 letters)	4		12										16	\$2,576.36
b. Field Surveying	10		44	12	38	40							144	\$25,310.78
c. Deliverables	2		10										12	\$1,849.86
HOURS SUB-TOTAL	16	0	66	12	38	40	0	0	0	0	0	0	172	
CONTRACT RATE PER HOUR	\$222.83	\$184.68	\$140.42	\$254.00	\$212.00	\$145.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
TOTAL LABOR COSTS	\$3,565.28	\$0.00	\$9,267.72	\$3,048.00	\$8,056.00	\$5,800.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$29,737.00
% DISTRIBUTION OF STAFF HOURS	9.3%	0.0%	38.4%	7.0%	22.1%	23.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
TASK 5 SUBTOTAL	\$3,565.28	\$0.00	\$9,267.72	\$3,048.00	\$8,056.00	\$5,800.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$29,737.00
TOTAL LABOR HOURS	48	0	170	12	66	72	0	0	0	0	0	0	368	
TOTAL % DISTRIBUTION OF STAFF HOURS	13.0%	0.0%	46.2%	3.3%	17.9%	19.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
TOTAL LABOR COST	\$10,695.84	\$0.00	\$23,871.40	\$3,048.00	\$13,992.00	\$10,440.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$62,047.24
OTHER DIRECT EXPENSES														
					<u>QTY</u>	<u>UNIT COST</u>	<u>UNIT</u>							<u>Total</u>
Mileage (per mile)					2800	\$0.70	Mile							\$1,960.00
Deed Copies					100	\$2.00	sheet							\$200.00
Railroad Survey Permit					1	\$500.00	each							\$500.00
Railroad Flagger (Provided by 3rd Party)					1	\$1,600.00	day							\$1,600.00
OTHER DIRECT EXPENSES SUBTOTAL														\$4,260.00
GRAND TOTAL (RTG - SURVEY)														\$66,307.24