EXHIBIT C

WORK AUTHORIZATION

WORK AUTHORIZATION NO. __01__
PROJECT: _FM 20 Realignment_____

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").

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 _$861,397.23_.

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:	COUNTY:
[Rodriguez Transportation Group, Inc.]	Caldwell County, Texas
By: Robert Carrillo, P.E.	By: _____
Signature	Signature
Robert Carrillo, PE	_____
Printed Name	Printed Name
Vice President	_____
Title	Title
10/07/2025	_____
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 11:38 am, Oct 29, 2025

ATTACHMENT A
SERVICES TO BE PROVIDED BY THE COUNTY
FOR FM 20 REALIGNMENT
(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 FM 20 REALIGNMENT
(SCHEMATIC)

PROJECT DESCRIPTION

Project Type & Limits
Schematic – South Medina Street to South Commerce Street (0.64 miles)

Existing Facility

FM 20 is an existing 2 lane undivided, asphalt paved street that connects to US 183 at two different signalized intersections. The street alignment is currently two separate, non-continuous alignments that require traveling on US 183 to advance to the next segment. The roadway has drainage ditches and inconsistent shoulder widths with approximate existing ROW ranging from 65 – 80 ft. There are several City of Lockhart residences and businesses as well as the City of Lockhart high school that front onto the street.

Proposed Facility

The project proposes realigning FM 20 to have one continuous street alignment that intersects US 183 at one signalized intersection. The proposed alignment will include a 3-lane street section featuring a continuous two-way left turn lane from South Medina Street to South Commerce Street. The proposed roadway will have asphalt pavement and include curb and gutter drainage with standard shoulder width. ROW acquisition will be required in select areas for the additional center turn lane and shoulders. Special features planned for this facility include sidewalks throughout the project limits, and an innovative intersection at Lion Country Drive and "old" FM 20 intersection with the new alignment.

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:

    1. Agreements

2. Permits
3. Reports
4. Design Submittals
5. Correspondence
6. Exhibits
7. Native Files
8. Meetings Minutes
9. 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, **[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. <u>ROUTE AND DESIGN STUDIES</u>

a. DATA COLLECTION:

- Perform record research and obtain 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.

- Collect existing traffic data consisting of the following:

    - A.M. (6:30 AM-9:30 AM) and P.M (4:00 PM-7:00 PM) 3-hour peak period turning volumes for two separate weekdays on Tuesday, Wednesday, or Thursday

    - A.M. and P.M. 3-hour peak period turning volumes at all signalized and unsignalized study intersections listed below for the project corridor. Turning movements at unsignalized minor streets/private driveways would be determined as necessary during field visits and after initial data collection efforts.
        1. FM 20 W (State Park Rd) at S Medina St
        2. FM 20 W (State Park Rd) at Lion Country Dr
        3. FM 20 W (State Park Rd) at Guadalupe St
        4. FM 20 W (State Park Rd) at S Main St
        5. FM 20 W (State Park Rd) at US 183
        6. FM 20 E (Blackjack St) at S Main St
        7. FM 20 E (Blackjack St) at US 183

- Review the data collected and organize the information.

- Evaluate traffic growth patterns and generate traffic projections for the ultimate roadway utilizing background traffic growth rates.

- Perform a safety analysis utilizing State approved tools to ensure safety-driven decisions are taken into account during the project development and design process (Required for On-System and State or Federally funded projects).

- Evaluate and document traffic safety for the proposed roadway per TxDOT requirements, including but not limited to an intersection control evaluation (ICE).

- Evaluate and document traffic engineering study, including signal warrant for the proposed innovative intersection at Lion Country and "old" FM 20 W intersection. The study would consider the above listed (7) intersections as part of the analysis to determine the final recommendations as a system.

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.

- Refine preliminary alignment based on stakeholder input, design criteria, existing structures, potential displacements, right of way limits and requirements, known developments, FEMA floodplain areas, existing and proposed drainage structures, and environmental constraints.

d. DELIVERABLES:

- Results of Records Research

- Property Owner Spreadsheets

- Design Summary Report and Typical Sections

- Intersection Control Evaluation (ICE) Report

- Traffic Engineering Study, including signal warrant and operational model

- 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

   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 (**[3]** 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 **[6]** 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. <u>RIGHT OF WAY (ROW) SUPPORT</u>

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 (**[13]** parcel documents assumed, **[25]** 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 TxDOT requirements. Prepare signed and sealed documents for right of way parcel and easement acquisition.

c. ROW STAKING (**[13]** 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. CONDEMNATION HEARING EXHIBITS (**[5]** parcels/hearings assumed):

- Prepare preliminary and final condemnation hearing exhibits for acquisition parcels. Exhibits should include aerial imagery including the following information:

1. A vicinity map with an overall project layout and limits (beginning and end)
2. Existing and proposed typical road sections
3. Parent tract (including area)
4. Right-of-way acquisition (including parcel acquisition and remainder areas)
5. Proposed improvements adjacent to the property.

e. CONDEMNATION HEARINGS (**[5]** parcels/hearings assumed):

- Engineer will attend meetings with the attorney to prepare for the hearings.
- Engineer will attend condemnation hearings in-person and testify as an expert witness on the Project to discuss matters related to drainage, grading, environmental compliance, basic hydrologic, hydraulic, and geotechnical information.

f. DELIVERABLES:

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

5. <u>SURVEYING</u>

a. RIGHT OF ENTRY (**[25]** 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 (250-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 300-ft on each side of all intersecting roadways and 50 beyond ROW at driveways.

- 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. <u>SCHEMATIC DEVELOPMENT</u>

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 (**[0]** major channel crossings, **[2]** cross drainage structures assumed):

- Prepare hydrologic and hydraulic models or modify existing models (FEMA, drainage districts, river authorities, cities, etc.) if available, to define the drainage infrastructure required for the project. 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, , recommended minimum pavement elevations based on cross drainage flood elevations, and right of way requirements.. HY-8 will be utilized for all culverts. Manning's equation shall be used for all ditch hydraulics. Atlas 14 precipitation depths shall be used for all hydrologic analysis.
- 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. Project is assumed to be an open-ended (d) list Categorical Exclusion.

b. TXDOT ENVIRONMENTAL CLEARANCE:

- Coordinate with GEC and TxDOT District staff to access and update the TxDOT Environmental Compliance Oversight System (ECOS).

- Coordinate with GEC and TxDOT District staff to confirm deliverables required for environmental clearance and then prepare the deliverables. Anticipated deliverables are listed below under 9.i.

- Prepare environmental documentation utilizing the most current guidance on TxDOT's online Environmental Compliance Toolkits. Information needed for the TxDOT clearance is anticipated to be required only for the work in TxDOT ROW; however, TxDOT clearance is required for the entire county project if state or federal funds are assigned.

- Prepare the appropriate level of documentation and conduct Public Meeting(s) as described under Public Involvement, this includes assisting Caldwell County and TxDOT if required in following the environmental document through approval. This will include discussions of purpose and need, existing and proposed design, affected environment and environmental consequences including: historical and archeological, wildlife, vegetation, and endangered species, ROW, displacements, land use analysis, socioeconomic and environmental justice impacts, jurisdictional waters, water quality, wetlands, permits, floodplains, parkland, hazardous materials, aesthetics, construction impacts, air and noise, secondary and cumulative impacts, and items of special nature and conclusion.

- If it is determined that a Section 404 permit is required, a supplemental work authorization would be required.

c. 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.

d. HAZARDOUS MATERIALS ENVIRONMENTAL SITE ASSESSMENT:

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

e. 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).

- Will complete TxDOT documentation including Surface Water Analysis Form and, if necessary, Section 404/10 Impact Table.

- 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.

f. ENDANGERED SPECIES ACT COMPLIANCE:

- Prepare TxDOT required documentation including the Species Analysis Form and Species Analysis Spreadsheet.

- It is assumed no federally listed species or suitable habitat would be impacted by the project. If any impacts are identified, a supplemental work authorization would be required to comply with TxDOT requirements and USFWS approval.

g. HISTORICAL SITE COMPLIANCE:

- Prepare a historic project coordination request (PCR) to coordinate with TxDOT historians for approval. Should a historical reconnaissance survey be necessary, it would require a supplemental work authorization.

h. 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 to prepare an archeological background study (ABS).

- 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 of the ABS to Texas Historical Commission. Should an archeological survey be necessary, it would be required by a supplemental work authorization.

i. AIR QUALITY

- Prepare an Air Quality technical report per TxDOT standards utilizing the latest TxDOT environmental toolkit for Air Quality. The report would include, if required by TxDOT, statements on Carbon monoxide, qualitative MSAT. and Construction emissions.

j. COMMUNITY IMPACTS ASSESSMENT (CIA) TECHNICAL REPORT FORM:

- Prepare a Community Impact Assessment (CIA) technical report per TxDOT standards utilizing U.S. Census Bureau data, county and local planning documents, and other resources to assess poverty level, community composition, and potential community impacts. Review of community resources such as schools, places of worship, hospitals, health care facilities, and recreational facilities would also be documented.

k. TRAFFIC NOISE TECHNICAL REPORT:

- Identify adjacent, land use development and photo document representative receivers that might be impacted by roadway traffic noise and may benefit from feasible and reasonable noise abatement.
- Perform computer modeling of existing noise levels and predicted (future) noise levels. Computer modeling shall be accomplished with the latest FHWA approved Traffic Noise Model (TNM) software program.
- Identify impacted receivers in accordance with the absolute and relative impact criteria and consider and evaluate all required noise abatement measures for impacted receivers in accordance with the feasible and reasonable criteria.
- Propose noise abatement measures that are both feasible and reasonable; and determine predicted (future) noise impact contours where there is adjacent undeveloped property where residential or commercial development is likely to occur in the near future.
- Prepare a Traffic Noise Technical Report and associated TNM files for TxDOT approval.

l. DELIVERABLES:

- Draft & Final Environmental Due Diligence Report
- Draft & Final Categorical Exclusion
- Draft & Final TxDOT Historical Studies Project Coordination Request (PCR) for Historic Resources
- Draft & Final TxDOT Archeology Background Study
- Draft & Final TxDOT Species Analysis Spreadsheet and Form
- Draft & Final TxDOT Surface Water Analysis Form
- Draft & Final TxDOT Water Features Delineation Report
- Draft & Final TxDOT Section 404/10 Impact Table
- Draft & Final TxDOT Hazardous Materials Initial Site Assessment
- Draft & Final TxDOT Public Involvement Documentation
- Draft & Final TxDOT Air Quality Report

- Draft & Final TxDOT Community Impact Assessment
- Draft & Final TxDOT Traffic Noise Analysis

9. DELIVERABLES

a. DOCUMENTS:

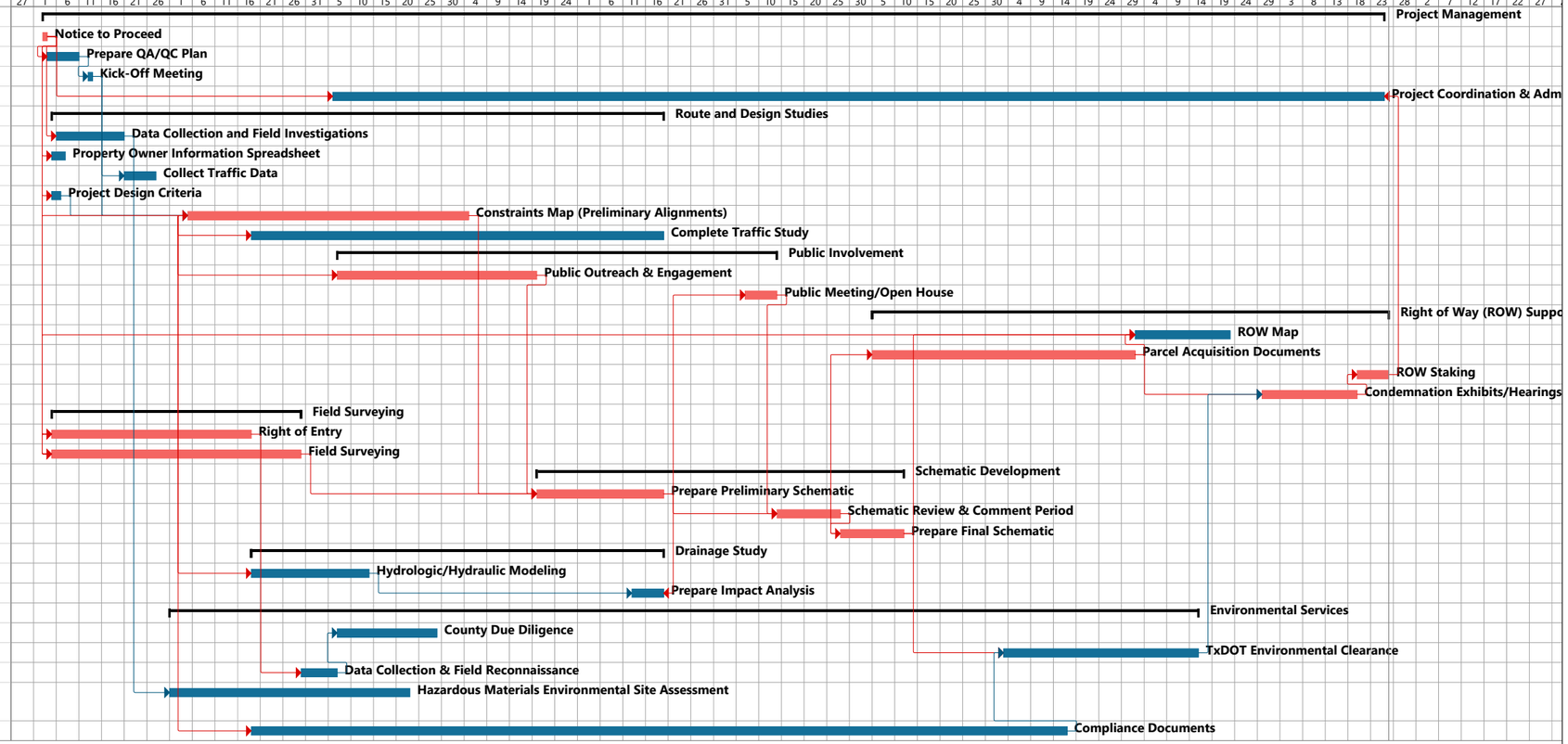
- All contract documents, including hard copies and electronic files, shall be turned over to the County at each milestone and at the completion of the project. Documents shall be posted to the County's project management database as requested.

10. EXCLUSIONS

- The County and its representatives will coordinate utility relocations and obtaining SUE information.
- Designer services during construction, will be under a separate Work Authorization.
- 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.
- For TxDOT Environmental Clearance, the project is assumed to be an open-ended (d) list categorical exclusion.
- If impacts to federally listed species or suitable habitat are identified, a supplement work authorization would be required to comply with TxDOT requirements and USFWS approval.
- If a historical reconnaissance survey and/or archeological survey be necessary, it would require a supplemental work authorization.

FM 20 Realignment (WA#1 - Schematic/Env.)
Attachment C - Design Schedule

ID	Task Mode	Task Name	Start	Finish	Duration
1		**Project Management**	**Mon 11/3/25**	**Tue 8/25/26**	**201 days**
2		Notice to Proceed	Mon 11/3/25	Mon 11/3/25	1 day
3		Prepare QA/QC Plan	Tue 11/4/25	Mon 11/10/25	5 days
4		Kick-Off Meeting	Thu 11/13/25	Thu 11/13/25	1 day
5		Project Coordination & Administration	Tue 1/6/26	Tue 8/25/26	160 days
6		**Route and Design Studies**	**Wed 11/5/25**	**Thu 3/19/26**	**90 days**
7		Data Collection and Field Investigations	Thu 11/6/25	Thu 11/20/25	10 days
8		Property Owner Information Spreadsheet	Wed 11/5/25	Fri 11/7/25	3 days
9		Collect Traffic Data	Fri 11/21/25	Thu 11/27/25	5 days
10		Project Design Criteria	Wed 11/5/25	Thu 11/6/25	2 days
11		Constraints Map (Preliminary Alignments)	Fri 12/5/25	Wed 2/4/26	40 days
12		Complete Traffic Study	Fri 12/19/25	Thu 3/19/26	60 days
13		**Public Involvement**	**Wed 1/7/26**	**Mon 4/13/26**	**65 days**
14		Public Outreach & Engagement	Wed 1/7/26	Thu 2/19/26	30 days
15		Public Meeting/Open House	Tue 4/7/26	Mon 4/13/26	5 days
16		**Right of Way (ROW) Support**	**Tue 5/5/26**	**Wed 8/26/26**	**80 days**
17		ROW Map	Thu 7/2/26	Wed 7/22/26	15 days
18		Parcel Acquisition Documents	Tue 5/5/26	Wed 7/1/26	40 days
19		ROW Staking	Thu 8/20/26	Wed 8/26/26	5 days
20		Condemnation Exhibits/Hearings	Thu 7/30/26	Wed 8/19/26	15 days
21		**Field Surveying**	**Wed 11/5/25**	**Mon 12/29/25**	**35 days**
22		Right of Entry	Wed 11/5/25	Thu 12/18/25	30 days
23		Field Surveying	Wed 11/5/25	Mon 12/29/25	35 days
24		**Schematic Development**	**Fri 2/20/26**	**Mon 5/11/26**	**55 days**
25		Prepare Preliminary Schematic	Fri 2/20/26	Thu 3/19/26	20 days
26		Schematic Review & Comment Period	Tue 4/14/26	Mon 4/27/26	10 days
27		Prepare Final Schematic	Tue 4/28/26	Mon 5/11/26	10 days
28		**Drainage Study**	**Fri 12/19/25**	**Thu 3/19/26**	**60 days**
29		Hydrologic/Hydraulic Modeling	Fri 12/19/25	Tue 1/13/26	15 days
30		Prepare Impact Analysis	Fri 3/13/26	Thu 3/19/26	5 days
31		**Environmental Services**	**Mon 12/1/25**	**Wed 7/15/26**	**154 days**
32		County Due Diligence	Wed 1/7/26	Wed 1/28/26	15 days
33		TxDOT Environmental Clearance	Wed 6/3/26	Wed 7/15/26	30 days
34		Data Collection & Field Reconnaissance	Tue 12/30/25	Tue 1/6/26	5 days
35		Hazardous Materials Environmental Site Assessment	Mon 12/1/25	Thu 1/22/26	35 days
36		Compliance Documents	Fri 12/19/25	Tue 6/16/26	120 days



Rodriguez Transportion Group, Inc.
FM 20 Realignment (WA#1 - Schematic/En
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: FM 20 Realignment, S Medina St to S Commerce St.
Method of Pay: Specified Rate

SUMMARY

TASK	DESCRIPTION	RTG	RTG - SURVEY	EDGE	STV	TOTAL
1	PROJECT MANAGEMENT	$98,900.66	$6,718.64	$11,080.00	$7,957.89	$124,657.19
2	ROUTE AND DESIGN STUDIES	$143,041.70	$0.00	$8,020.00	$5,376.36	$156,438.06
3	PUBLIC INVOLVEMENT	$51,630.68	$0.00	$0.00	$0.00	$51,630.68
4	RIGHT OF WAY (ROW) SUPPORT	$48,718.00	$129,010.23	$0.00	$0.00	$177,728.23
5	SURVEYING	$0.00	$52,371.22	$0.00	$0.00	$52,371.22
6	SCHEMATIC DEVELOPMENT	$110,144.52	$0.00	$2,700.00	$0.00	$112,844.52
7	DRAINAGE STUDY	$2,820.56	$0.00	$47,270.00	$0.00	$50,090.56
8	ENVIRONMENTAL SERVICES	$6,446.64	$0.00	$0.00	$103,855.08	$110,301.72
	LABOR SUBTOTALS	**$ 461,702.76**	**$ 188,100.09**	**$ 69,070.00**	**$ 117,189.33**	**$ 836,062.18**
	OTHER DIRECT EXPENSES SUBTOTALS	**$ 16,250.00**	**$ 2,915.60**	**$ 350.00**	**$ 5,819.45**	**$ 25,335.05**
	PROVIDER SUBTOTALS	**$ 477,952.76**	**$ 191,015.69**	**$ 69,420.00**	**$ 123,008.78**	**$ 861,397.23**
	Percentage	55.5%	22.2%	8.1%	14.3%	

ATTACHMENT D - FEE SCHEDULE

PRIME PROVIDER: RODRIGUEZ TRANSPORTATION GROUP, Inc.
Estimate of Engineering Services Budget
Project: FM 20 Realignment, S Medina St to S Commerce 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 (8 Mo.)	8			8								16	32	$5,958.40
c. QA/QC Plan / Internal Reviews (6 Review Periods)	12	40	0	18	18		18	30	30		12		178	$37,656.94
d. Project Coordination & Admin	40			40				20					100	$24,950.40
e. Progress/ Coordination Meetings (16 biweekly, 1 external)	24			32	32						20		108	$24,974.88
f. Baseline / Project Schedule	4			8	12								24	$5,360.04
HOURS SUB-TOTAL	88	40	0	106	62	0	18	50	30	0	32	16	442	
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	$27,399.68	$11,599.60	$0.00	$23,941.16	$11,923.22	$0.00	$3,571.38	$8,654.00	$3,557.70	$0.00	$6,593.28	$1,660.64		$98,900.66
% DISTRIBUTION OF STAFF HOURS	19.9%	9.0%	0.0%	24.0%	14.0%	0.0%	4.1%	11.3%	6.8%	0.0%	7.2%	3.6%		
TASK 1 SUBTOTAL	$27,399.68	$11,599.60	$0.00	$23,941.16	$11,923.22	$0.00	$3,571.38	$8,654.00	$3,557.70	$0.00	$6,593.28	$1,660.64		**$98,900.66**
TASK 2 - ROUTE AND DESIGN STUDIES														
a. Data Collection														
Record Research	2			4			12						18	$3,907.08
Field Investigation + Pavement Condition Assessment	6			8	8								22	$5,213.52
Develop and Maintain Adjacent Property Ownership Information	2			2								6	10	$1,697.18
Review Aerial Photography and Contours	1			2	2								5	$1,147.70
Collect Existing Traffic Data			4	8	8				16				36	$6,341.72
Perform Safety Analysis Using State Approved Tools	1		12	20	12								45	$10,433.04
Evaluate and Document Traffic Safety (ICE)	1		20	32	12				20				85	$17,713.00
Evaluate and Document Traffic Engineering Study	2		24	64	20				20				130	$27,889.28
b. Design Criteria	2			6									8	$1,977.88
c. Constraints Map (Assume: 2 preliminary alignments)														
Develop Evaluation Criteria	2		2	2							6		12	$2,860.14
Develop Constraints Map and Technical Memo	2			4		8		12	12		6		44	$7,416.28
Develop Preliminary Alignments and Preliminary Cost (Assume: 2)	20			30	80		24	24			6		184	$38,539.80
Refine Preliminary Alignments and Preliminary Cost (Assume: 2)	8			12	18		6	16	16		6		82	$15,756.20
d. Deliverables	4			4									8	$2,148.88
HOURS SUB-TOTAL	53	0	62	198	160	8	42	52	84	0	24	6	689	
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	$16,502.08	$0.00	$17,033.26	$44,720.28	$30,769.60	$1,153.84	$8,333.22	$9,000.16	$9,961.56	$0.00	$4,944.96	$622.74		$143,041.70
% DISTRIBUTION OF STAFF HOURS	7.7%	0.0%	9.0%	28.7%	23.2%	1.2%	6.1%	7.5%	12.2%	0.0%	3.5%	0.9%		
TASK 2 SUBTOTAL	$16,502.08	$0.00	$17,033.26	$44,720.28	$30,769.60	$1,153.84	$8,333.22	$9,000.16	$9,961.56	$0.00	$4,944.96	$622.74		**$143,041.70**
TASK 3 - PUBLIC INVOLVEMENT														
a. Provide General Public Outreach and Engagement	16			16								40	72	$12,747.12
b. Stakeholder Coordination Meetings (Assume: 3 meetings)	18			18				6					42	$10,708.44
c. Property Owner Meeting Support (Assume: 6 meetings)	24			24				24					72	$17,047.20
d. Public Meeting / Open House (Assume: 1 public meeting)	8			8				8			8		32	$7,330.72
e. Deliverables	4			4							8		16	$3,797.20
HOURS SUB-TOTAL	70	0	0	70	0	0	0	38	0	0	16	40	234	
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	$21,795.20	$0.00	$0.00	$15,810.20	$0.00	$0.00	$0.00	$6,577.04	$0.00	$0.00	$3,296.64	$4,151.60		$51,630.68
% DISTRIBUTION OF STAFF HOURS	29.9%	0.0%	0.0%	29.9%	0.0%	0.0%	0.0%	16.2%	0.0%	0.0%	6.8%	17.1%		
TASK 3 SUBTOTAL	$21,795.20	$0.00	$0.00	$15,810.20	$0.00	$0.00	$0.00	$6,577.04	$0.00	$0.00	$3,296.64	$4,151.60		**$51,630.68**

ATTACHMENT D - FEE SCHEDULE

PRIME PROVIDER: RODRIGUEZ TRANSPORTATION GROUP, Inc.
Estimate of Engineering Services Budget
Project: FM 20 Realignment, S Medina St to S Commerce 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 4 - RIGHT OF WAY SUPPORT														
a. ROW Mapping													0	$0.00
b. Parcel Acquisition Documents (Assume: 13 parcels)													0	$0.00
c. ROW Staking (Assume: 13 parcels)													0	$0.00
d. Condemnation Hearing Exhibits (Assume: 5 parcels)	40						100						140	$32,295.40
e. Attend Condemnation Hearings (Assume: 5 hearings)	40						20						60	$16,422.60
f. Deliverables													0	$0.00
HOURS SUB-TOTAL	80	0	0	0	0	0	120	0	0	0	0	0	200	
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	$24,908.80	$0.00	$0.00	$0.00	$0.00	$0.00	$23,809.20	$0.00	$0.00	$0.00	$0.00	$0.00		$48,718.00
% DISTRIBUTION OF STAFF HOURS	40.0%	0.0%	0.0%	0.0%	0.0%	0.0%	60.0%	0.0%	0.0%	0.0%	0.0%	0.0%		
TASK 4 SUBTOTAL	$24,908.80	$0.00	$0.00	$0.00	$0.00	$0.00	$23,809.20	$0.00	$0.00	$0.00	$0.00	$0.00		**$48,718.00**
TASK 6 - SCHEMATIC DEVELOPMENT														
a. Schematic														
Prepare Preliminary Schematic, Cross Sections and Cost Estimate	20			80	120		80	120			8		428	$85,663.92
Prepare Final Schematic, Cross Sections and Cost Estimate	6			20	40		20	20			4		110	$22,331.72
b. Deliverables	4			4									8	$2,148.88
HOURS SUB-TOTAL	30	0	0	104	160	0	100	140	0	0	12	0	546	
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	$9,340.80	$0.00	$0.00	$23,489.44	$30,769.60	$0.00	$19,841.00	$24,231.20	$0.00	$0.00	$2,472.48	$0.00		$110,144.52
% DISTRIBUTION OF STAFF HOURS	5.5%	0.0%	0.0%	19.0%	29.3%	0.0%	18.3%	25.6%	0.0%	0.0%	2.2%	0.0%		
TASK 6 SUBTOTAL	$9,340.80	$0.00	$0.00	$23,489.44	$30,769.60	$0.00	$19,841.00	$24,231.20	$0.00	$0.00	$2,472.48	$0.00		**$110,144.52**
TASK 7 - DRAINAGE STUDY														
a. Hydrologic / Hydraulic Modeling (Assume: 2 cross drainage structures)														
Prepare hydrologic and hydraulic models													0	$0.00
Prepare hydraulic models (Assume 2 Culverts, HY-8)													0	$0.00
Right-of-Way drainage system assessment (Assume 2 alternatives, storm drain and ditch)													0	$0.00
Impact Analysis (1 Detention Facility (assumed), 4 outfalls analyzed)													0	$0.00
b. Deliverables (Prel and Final Drainage Report)(Review)	2		8										10	$2,820.56
HOURS SUB-TOTAL	2	0	8	0	0	0	0	0	0	0	0	0	10	
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	$622.72	$0.00	$2,197.84	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		$2,820.56
% DISTRIBUTION OF STAFF HOURS	20.0%	0.0%	80.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%		
TASK 7 SUBTOTAL	$622.72	$0.00	$2,197.84	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		**$2,820.56**

ATTACHMENT D - FEE SCHEDULE

PRIME PROVIDER: RODRIGUEZ TRANSPORTATION GROUP, Inc.
Estimate of Engineering Services Budget
Project: FM 20 Realignment, S Medina St to S Commerce 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 8 - ENVIRONMENTAL SERVICES														
a. County Due Diligence (Coordination Support Only)	8			8									16	$4,297.76
b. TxDOT Environmental Clearance (Assuming Categorical Exclusion)													0	$0.00
c. Data Collection & Field Reconnaissance													0	$0.00
d. Hazardous Materials Env Site Assessment													0	$0.00
e. Section 404 Compliance (assumed not PCN) including the Surface Water Analysis Form and the Section 404/Section 10 Table													0	$0.00
f. Endangered Species Act Compliance (assume no BA/BO) TxDOT Species Analysis Form and Spreadsheet													0	$0.00
g. Historical Site Compliance (Project Coordination Request (PCR) for Historical Studies only)													0	$0.00
h. Texas Antiquities Code (TAC) Compliance (Archeological Resources Background Study only													0	$0.00
i. Air Quality													0	$0.00
j. Community Impacts Assessment													0	$0.00
k. Traffic Noise Modeling and Report													0	$0.00
l. Deliverables	4			4									8	$2,148.88
HOURS SUB-TOTAL	12	0	0	12	0	0	0	0	0	0	0	0	24	
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	$3,736.32	$0.00	$0.00	$2,710.32	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		$6,446.64
% DISTRIBUTION OF STAFF HOURS	50.0%	0.0%	0.0%	50.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%		
TASK 8 SUBTOTAL	$3,736.32	$0.00	$0.00	$2,710.32	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		**$6,446.64**
TOTAL LABOR HOURS	335	40	70	490	382	8	280	280	114	0	84	62	2145	
TOTAL % DISTRIBUTION OF STAFF HOURS	15.6%	1.9%	3.3%	22.8%	17.8%	0.4%	13.1%	13.1%	5.3%	0.0%	3.9%	2.9%		
TOTAL LABOR COST	$104,305.60	$11,599.60	$19,231.10	$110,671.40	$73,462.42	$1,153.84	$55,554.80	$48,462.40	$13,519.26	$0.00	$17,307.36	$6,434.98		**$461,702.76**
OTHER DIRECT EXPENSES					**QTY**	**UNIT COST**	**UNIT**							**Total**
Mileage (per mile)					2500	$0.70	mile							$1,750.00
Highway Toll Charges					10	$50.00	day							$500.00
3-Hour Turning Movement Count Per Intersection - Weekday					28	$500.00	each							$14,000.00
OTHER DIRECT EXPENSES SUBTOTAL														**$16,250.00**
GRAND TOTAL (RTG)														**$477,952.76**

ATTACHMENT D - FEE SCHEDULE

PRIME PROVIDER: RODRIGUEZ TRANSPORTATION GROUP, Inc.
Estimate of Engineering Services Budget
Project: FM 20 Realignment, S Medina St to S Commerce 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 (8 Mo.)							0	$0.00
c. QA/QC Plan / Internal Reviews							0	$0.00
d. Project Coordination & Admin	16		8			14	38	$6,718.64
e. Progress/ Coordination Meetings (16 biweekly, 1 external)							0	$0.00
f. Project Schedule							0	$0.00
HOURS SUB-TOTAL	16	0	8	0	0	14	38	
CONTRACT RATE PER HOUR	$222.83	$184.68	$140.42	$254.00	$212.00	$145.00		
TOTAL LABOR COSTS	$3,565.28	$0.00	$1,123.36	$0.00	$0.00	$2,030.00		$6,718.64
% DISTRIBUTION OF STAFF HOURS	42.1%	0.0%	21.1%	0.0%	0.0%	36.8%		
TASK 1 SUBTOTAL	$3,565.28	$0.00	$1,123.36	$0.00	$0.00	$2,030.00		**$6,718.64**
TASK 4 - RIGHT OF WAY SUPPORT								
a. ROW Mapping	20		126		40	32	218	$35,269.52
b. Parcel Acquisition Documents (Assume: 13 parcels)	85		364		24	16	489	$77,461.43
c. ROW Staking (Assume: 13 parcels)			6		20		26	$5,082.52
d. Condemnation Hearing Exhibits (Assume: 5 parcels)							0	$0.00
e. Attend Condemnation Hearings (Assume: 5 hearings)							0	$0.00
f. Deliverables	20		48				68	$11,196.76
HOURS SUB-TOTAL	125	0	544	0	84	48	801	
CONTRACT RATE PER HOUR	$222.83	$184.68	$140.42	$254.00	$212.00	$145.00		
TOTAL LABOR COSTS	$27,853.75	$0.00	$76,388.48	$0.00	$17,808.00	$6,960.00		$129,010.23
% DISTRIBUTION OF STAFF HOURS	15.6%	0.0%	67.9%	0.0%	10.5%	6.0%		
TASK 4 SUBTOTAL	$27,853.75	$0.00	$76,388.48	$0.00	$17,808.00	$6,960.00		**$129,010.23**

ATTACHMENT D - FEE SCHEDULE

PRIME PROVIDER: RODRIGUEZ TRANSPORTATION GROUP, Inc.
Estimate of Engineering Services Budget
Project: FM 20 Realignment, S Medina St to S Commerce 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
TASK 5 - SURVEYING								
a. Right of Entry Letters (Assume: 25 letters)	4		16				20	$3,138.04
b. Field Surveying	10		102	16	60	88	276	$46,095.14
c. Deliverables	4		16				20	$3,138.04
HOURS SUB-TOTAL	18	0	134	16	60	88	316	
CONTRACT RATE PER HOUR	$222.83	$184.68	$140.42	$254.00	$212.00	$145.00		
TOTAL LABOR COSTS	$4,010.94	$0.00	$18,816.28	$4,064.00	$12,720.00	$12,760.00		$52,371.22
% DISTRIBUTION OF STAFF HOURS	5.7%	0.0%	42.4%	5.1%	19.0%	27.8%		
TASK 5 SUBTOTAL	$4,010.94	$0.00	$18,816.28	$4,064.00	$12,720.00	$12,760.00		**$52,371.22**
TOTAL LABOR HOURS	159	0	686	16	144	150	1155	
TOTAL % DISTRIBUTION OF STAFF HOURS	13.8%	0.0%	59.4%	1.4%	12.5%	13.0%		
TOTAL LABOR COST	$35,429.97	$0.00	$96,328.12	$4,064.00	$30,528.00	$21,750.00		**$188,100.09**
OTHER DIRECT EXPENSES					**QTY**	**UNIT COST**	**UNIT**	**Total**
Mileage (per mile)					3308	$0.70	mile	$2,315.60
Highway Toll Charges					6	$50.00	day	$300.00
Deed Copies					150	$2.00	sheet	$300.00
OTHER DIRECT EXPENSES SUBTOTAL								**$2,915.60**
GRAND TOTAL (RTG-Survey)								**$191,015.69**

ATTACHMENT D - FEE SCHEDULE
SUBPROVIDER: EDGE Engineering
Estimate of Engineering Services Budget
Project: FM 20 Realignment, S Medina St to S Commerce St.
Method of Pay: Specified Rate

EDGE Engineering	Project Manager	Senior QC Reviewer	Senior Engineer	Project Engineer	Design Engineer	EIT	Senior GIS Technician	GIS Technician	Engineer Tech	Senior Engineer Tech	Senior CADD Operator	CADD Operator	Admin/Clerical	TOTAL HOURS	TOTAL LABOR COST
CONTRACT RATE PER HOUR	$300.00	$290.00	$260.00	$200.00	$165.00	$125.00	$180.00	$100.00	$110.00	$140.00	$140.00	$110.00	$100.00		
TASK 1 - PROJECT MANAGEMENT															
b. Monthly Progress Report, Invoices, Billings (8 Mo.)			4										4	8	$1,440.00
c. QA/QC Plan / Internal Reviews		18												18	$5,220.00
d. Project Coordination & Admin														0	$0.00
e. Progress/ Coordination Meetings (16 biweekly, 1 external)			17	0										17	$4,420.00
f. Project Schedule														0	$0.00
HOURS SUB-TOTAL	0	18	21	0	0	0	0	0	0	0	0	0	4	43	
CONTRACT RATE PER HOUR	$300.00	$290.00	$260.00	$200.00	$165.00	$125.00	$180.00	$100.00	$110.00	$140.00	$140.00	$110.00	$100.00		
TOTAL LABOR COSTS	$0.00	$5,220.00	$5,460.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$400.00		$11,080.00
% DISTRIBUTION OF STAFF HOURS	0.0%	41.9%	48.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	9.3%		
TASK 1 SUBTOTAL	$0.00	$5,220.00	$5,460.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$400.00		**$11,080.00**
TASK 2 - ROUTE AND DESIGN STUDIES															
a. Data Collection														0	$0.00
Record Research +				4		4								8	$1,300.00
Field Investigation + Pavement Condition Assessment				4		4								8	$1,300.00
Develop and Maintain Adjacent Property Ownership Information														0	$0.00
Review Aerial Photography and Contours														0	$0.00
Collect Existing Traffic Data														0	$0.00
Perform Safety Analysis Using State Approved Tools														0	$0.00
Evaluate and Document Traffic Safety (ICE)														0	$0.00
Evaluate and Document Traffic Engineering Study														0	$0.00
b. Design Criteria				4		4								8	$1,300.00
c. Constraints Map (Assume: 2 preliminary alignments)														0	$0.00
Develop Evaluate Criteria														0	$0.00
Develop Constraints Map and Technical Memo (Support Only)			2	8		16								26	$4,120.00
Develop Preliminary Alignments and Preliminary Cost (Assume: 2)														0	$0.00
Refine Preliminary Alignments and Preliminary Cost (Assume: 2)														0	$0.00
d. Deliverables														0	$0.00
HOURS SUB-TOTAL	0	0	2	20	0	28	0	0	0	0	0	0	0	50	
CONTRACT RATE PER HOUR	$300.00	$290.00	$260.00	$200.00	$165.00	$125.00	$180.00	$100.00	$110.00	$140.00	$140.00	$110.00	$100.00		
TOTAL LABOR COSTS	$0.00	$0.00	$520.00	$4,000.00	$0.00	$3,500.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		$8,020.00
% DISTRIBUTION OF STAFF HOURS	0.0%	0.0%	4.0%	40.0%	0.0%	56.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%		
TASK 2 SUBTOTAL	$0.00	$0.00	$520.00	$4,000.00	$0.00	$3,500.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		**$8,020.00**
TASK 6 - SCHEMATIC DEVELOPMENT															
a. Schematic															
Prepare Preliminary Schematic, Cross Sections and Cost Estimate (Support Only)				4		8								12	$1,800.00
Prepare Final Schematic, Cross Sections and Cost Estimate (Support Only)				2		4								6	$900.00
b. Deliverables														0	$0.00
HOURS SUB-TOTAL	0	0	0	6	0	12	0	0	0	0	0	0	0	18	
CONTRACT RATE PER HOUR	$300.00	$290.00	$260.00	$200.00	$165.00	$125.00	$180.00	$100.00	$110.00	$140.00	$140.00	$110.00	$100.00		
TOTAL LABOR COSTS	$0.00	$0.00	$0.00	$1,200.00	$0.00	$1,500.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		$2,700.00
% DISTRIBUTION OF STAFF HOURS	0.0%	0.0%	0.0%	33.3%	0.0%	66.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%		
TASK 6 SUBTOTAL	$0.00	$0.00	$0.00	$1,200.00	$0.00	$1,500.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		**$2,700.00**

ATTACHMENT D - FEE SCHEDULE
SUBPROVIDER: EDGE Engineering
Estimate of Engineering Services Budget
Project: FM 20 Realignment, S Medina St to S Commerce St.
Method of Pay: Specified Rate

EDGE Engineering	Project Manager	Senior QC Reviewer	Senior Engineer	Project Engineer	Design Engineer	EIT	Senior GIS Technician	GIS Technician	Engineer Tech	Senior Engineer Tech	Senior CADD Operator	CADD Operator	Admin/Clerical	TOTAL HOURS	TOTAL LABOR COST
TASK 7 - DRAINAGE STUDY															
a. Hydrologic / Hydraulic Modeling (Assume: 2 cross drainage structures)															
Prepare hydrologic and hydraulic models			4	10		32								46	$7,040.00
Prepare hydraulic models (Assume 2 Culverts, HY-8)			2	4		16								22	$3,320.00
Right-of-Way drainage system assessment (Assume 2 alternatives, storm drain and ditch)			12	32		70								114	$18,270.00
Impact Analysis (1 Detention Facility (assumed), 4 outfalls analyzed)			8	12		40								60	$9,480.00
b. Deliverables (Prel and Final Drainage Report)			6	12		32		12						62	$9,160.00
HOURS SUB-TOTAL	0	0	32	70	0	190	0	12	0	0	0	0	0	304	
CONTRACT RATE PER HOUR	$300.00	$290.00	$260.00	$200.00	$165.00	$125.00	$180.00	$100.00	$110.00	$140.00	$140.00	$110.00	$100.00		
TOTAL LABOR COSTS	$0.00	$0.00	$8,320.00	$14,000.00	$0.00	$23,750.00	$0.00	$1,200.00	$0.00	$0.00	$0.00	$0.00	$0.00		$47,270.00
% DISTRIBUTION OF STAFF HOURS	0.0%	0.0%	10.5%	23.0%	0.0%	62.5%	0.0%	3.9%	0.0%	0.0%	0.0%	0.0%	0.0%		
TASK 7 SUBTOTAL	$0.00	$0.00	$8,320.00	$14,000.00	$0.00	$23,750.00	$0.00	$1,200.00	$0.00	$0.00	$0.00	$0.00	$0.00		**$47,270.00**
TOTAL LABOR HOURS	0	18	55	96	0	230	0	12	0	0	0	0	4	415	
TOTAL % DISTRIBUTION OF STAFF HOURS	0.0%	4.3%	13.3%	23.1%	0.0%	55.4%	0.0%	2.9%	0.0%	0.0%	0.0%	0.0%	1.0%		
TOTAL LABOR COST	$0.00	$5,220.00	$14,300.00	$19,200.00	$0.00	$28,750.00	$0.00	$1,200.00	$0.00	$0.00	$0.00	$0.00	$400.00		**$69,070.00**
OTHER DIRECT EXPENSES					**QTY**	**UNIT COST**	**UNIT**								**Total**
Mileage (per mile)					500	$0.70	mile								$350.00
OTHER DIRECT EXPENSES SUBTOTAL															**$350.00**
GRAND TOTAL (EDGE)															**$69,420.00**

ATTACHMENT D - FEE SCHEDULE
SUBPROVIDER: STV Infrastructure
Estimate of Engineering Services Budget
Project: FM 20 Realignment, S Medina St to S Commerce St.
Method of Pay: Specified Rate

STV Infrastructure	Support Manager	Senior Environmental Planner	Environmental Planner III	Environmental Planner I / II	Senior GIS Operator	GIS Operator	Senior Technical Advisor	Environmental Scientist IV	Environmental Scientist III	Environmental Scientist I / II	Environmental Specialist II	Environmental Specialist I	Admin / Clerical	TOTAL HOURS	TOTAL LABOR COST
CONTRACT RATE PER HOUR	$288.45	$248.28	$165.90	$108.03	$158.40	$90.90	$252.39	$165.90	$133.41	$110.52	$93.33	$82.08	$93.33		
TASK 1 - PROJECT MANAGEMENT															
b. Monthly Progress Report, Invoices, Billings (8 Mo.)	8												8	16	$3,054.24
c. QA/QC Plan / Internal Reviews														0	$0.00
d. Project Coordination & Admin														0	$0.00
e. Progress/ Coordination Meetings (16 biweekly, 1 external)	17													17	$4,903.65
f. Project Schedule														0	$0.00
HOURS SUB-TOTAL	25	0	0	0	0	0	0	0	0	0	0	0	8	33	
CONTRACT RATE PER HOUR	$288.45	$248.28	$165.90	$108.03	$158.40	$90.90	$252.39	$165.90	$133.41	$110.52	$93.33	$82.08	$93.33		
TOTAL LABOR COSTS	$7,211.25	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$746.64		$7,957.89
% DISTRIBUTION OF STAFF HOURS	75.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	24.2%		
TASK 1 SUBTOTAL	$7,211.25	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$746.64		**$7,957.89**
TASK 2 - ROUTE AND DESIGN STUDIES															
a. Data Collection														0	$0.00
Record Research +														0	$0.00
Field Investigation + Pavement Condition Assessment														0	$0.00
Develop and Maintain Adjacent Property Ownership Information														0	$0.00
Review Aerial Photography and Contours														0	$0.00
Collect Existing Traffic Data														0	$0.00
Perform Safety Analysis Using State Approved Tools														0	$0.00
Evaluate and Document Traffic Safety (ICE)														0	$0.00
Evaluate and Document Traffic Engineering Study														0	$0.00
b. Design Criteria														0	$0.00
c. Constraints Map (Assume: 2 preliminary alignments)														0	$0.00
Develop Evaluate Criteria														0	$0.00
Develop Constraints Map and Technical Memo (Support Only)	4				4	16			16					40	$5,376.36
Develop Preliminary Alignments and Preliminary Cost (Assume: 2)														0	$0.00
Refine Preliminary Alignments and Preliminary Cost (Assume: 2)														0	$0.00
d. Deliverables														0	$0.00
HOURS SUB-TOTAL	4	0	0	0	4	16	0	0	16	0	0	0	0	40	
CONTRACT RATE PER HOUR	$288.45	$248.28	$165.90	$108.03	$158.40	$90.90	$252.39	$165.90	$133.41	$110.52	$93.33	$82.08	$93.33		
TOTAL LABOR COSTS	$1,153.80	$0.00	$0.00	$0.00	$633.60	$1,454.40	$0.00	$0.00	$2,134.56	$0.00	$0.00	$0.00	$0.00		$5,376.36
% DISTRIBUTION OF STAFF HOURS	10.0%	0.0%	0.0%	0.0%	10.0%	40.0%	0.0%	0.0%	40.0%	0.0%	0.0%	0.0%	0.0%		
TASK 2 SUBTOTAL	$1,153.80	$0.00	$0.00	$0.00	$633.60	$1,454.40	$0.00	$0.00	$2,134.56	$0.00	$0.00	$0.00	$0.00		**$5,376.36**

ATTACHMENT D - FEE SCHEDULE
SUBPROVIDER: STV Infrastructure
Estimate of Engineering Services Budget
Project: FM 20 Realignment, S Medina St to S Commerce St.
Method of Pay: Specified Rate

STV Infrastructure	Support Manager	Senior Environmental Planner	Environmental Planner III	Environmental Planner I / II	Senior GIS Operator	GIS Operator	Senior Technical Advisor	Environmental Scientist IV	Environmental Scientist III	Environmental Scientist I / II	Environmental Specialist II	Environmental Specialist I	Admin / Clerical	TOTAL HOURS	TOTAL LABOR COST
TASK 8 - ENVIRONMENTAL SERVICES															
a. County Due Diligence (Compliance Check Only)	4		8											12	$2,481.00
b. TxDOT Environmental Clearance (Assuming Categorical Exclusion)	6		16		2	8			8	8				48	$7,380.54
c. Data Collection & Field Reconnaissance				24	6	20		12	8	8				78	$9,303.36
d. Hazardous Materials Env Site Assessment	2		0			4				48				54	$6,245.46
e. Section 404 Compliance (assumed not PCN) including the Surface Water Analysis Form and the Section 404/Section 10 Table			12			16	6	12	40					86	$12,286.74
f. Endangered Species Act Compliance (assume no BA/BO) TxDOT Species Analysis Form and Spreadsheet						8	8	12	40					68	$10,073.52
g. Historical Site Compliance (Project Coordination Request (PCR) for Historical Studies only)	2			24	2	6								34	$4,031.82
h. Texas Antiquities Code (TAC) Compliance (Archeological Resources Background Study only	2		4											6	$1,240.50
i. Air Quality	4		20		2	12	2							40	$6,384.18
j. Community Impacts Assessment	4			40	2	16								62	$7,246.20
k. Traffic Noise Modeling and Report	4	65			2	24	8		24		108		2	237	$35,277.66
l. Deliverables	2		8											10	$1,904.10
HOURS SUB-TOTAL	30	65	68	88	16	114	24	36	120	64	108	0	2	735	
CONTRACT RATE PER HOUR	$288.45	$248.28	$165.90	$108.03	$158.40	$90.90	$252.39	$165.90	$133.41	$110.52	$93.33	$82.08	$93.33		
TOTAL LABOR COSTS	$8,653.50	$16,138.20	$11,281.20	$9,506.64	$2,534.40	$10,362.60	$6,057.36	$5,972.40	$16,009.20	$7,073.28	$10,079.64	$0.00	$186.66		$103,855.08
% DISTRIBUTION OF STAFF HOURS	4.1%	8.8%	9.3%	12.0%	2.2%	15.5%	3.3%	4.9%	16.3%	8.7%	14.7%	0.0%	0.3%		
TASK 8 SUBTOTAL	$8,653.50	$16,138.20	$11,281.20	$9,506.64	$2,534.40	$10,362.60	$6,057.36	$5,972.40	$16,009.20	$7,073.28	$10,079.64	$0.00	$186.66		**$103,855.08**
TOTAL LABOR HOURS	59	65	68	88	20	130	24	36	136	64	108	0	10	808	
TOTAL % DISTRIBUTION OF STAFF HOURS	7.3%	8.0%	8.4%	10.9%	2.5%	16.1%	3.0%	4.5%	16.8%	7.9%	13.4%	0.0%	1.2%		
TOTAL LABOR COST	$17,018.55	$16,138.20	$11,281.20	$9,506.64	$3,168.00	$11,817.00	$6,057.36	$5,972.40	$18,143.76	$7,073.28	$10,079.64	$0.00	$933.30		**$117,189.33**

OTHER DIRECT EXPENSES	QTY	UNIT COST	UNIT	Total
Mileage (per mile)	1250	$0.70	mile	$875.00
Postage	25	$0.78	each	$19.50
Overnight Mail - letter size	10	$11.00	each	$110.00
Overnight Mail - oversized box	1	$29.95	each	$29.95
Outsourced Printing	2	$80.00	each	$160.00
Courier Services	1	$45.00	each	$45.00
Highway Toll Charges	2	$50.00	day	$100.00
GPS	1	$80.00	day	$80.00
Archeological Background Survey	1	$3,500.00	each	$3,500.00
Haz Mat Database Search	1	$500.00	each	$500.00
Noise Meter Rental	1	$400.00	day	$400.00
OTHER DIRECT EXPENSES SUBTOTAL				**$5,819.45**
GRAND TOTAL (STV)				**$123,008.78**