



WORK AUTHORIZATION NO. 1

PROJECT: Transportation Corridor F

This Work Authorization is made pursuant to the terms and conditions of the Williamson County Contract for Engineering Services, being dated _____ and entered into by and between Williamson County, Texas, a political subdivision of the State of Texas, (the "County") and CP&Y, 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 \$989,320.25.

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 December 31, 2017. 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.

EXECUTED this _____ day of _____, 20__.

ENGINEER:

CP&Y, Inc

COUNTY:

Williamson County, Texas

By: _____

Signature

By: _____

Signature

James J. Robbins

Printed Name

Dan A. Gattis

Printed Name

Chief Operating Officer

Title

County Judge

Title

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

OK
4/1/2017
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ATTACHMENT A
SERVICES TO BE PROVIDED BY THE COUNTY
PRELIMINARY ENGINEERING FOR CORRIDOR F (US 183)

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

1. Name, business address and phone number of County's project manager.
2. Assistance to the Engineer, as necessary, with obtaining data and information from other local, regional, State and Federal agencies required for this project.
3. Obtain Rights of Entry from landowners that are unwilling to grant access to the Engineer.
4. Provide available appropriate County data on file, plans and specifications that are deemed pertinent to the completion of the work required by the scope of services (including previous hydraulic studies, models, previous reports and studies, available existing traffic counts, and design year traffic projections).
5. Provide LiDAR and traffic data for use in the Engineer's study.
6. Provide available criteria and full information as to the client's requirements for the project. Provide examples of acceptable format for the required deliverables.
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 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. Post and maintain project information for public consumption on the County website.
11. Assist with Coordination between the Engineer and the County's other subconsultants.
12. Negotiate with all utility companies for any agreements and/or relocations required.
13. Provide an agent as necessary to secure proposed ROW.

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



ATTACHMENT B
SERVICES TO BE PROVIDED BY THE ENGINEER
PRELIMINARY ENGINEERING FOR CORRIDOR F (US 183)

PROJECT DESCRIPTION

Existing Facility

Existing US 183 from FM 3405 to the northern Williamson County line consists of a four-lane asphalt, undivided rural arterial without shoulders and with grass-lined ditches to convey stormwater run-off. Typical existing right-of-way (ROW) width is 100 feet.

Proposed Facility

The proposed US 183 typical section will be determined during project development. It is anticipated the typical section will follow the roadway section already completed from FM 3405 to south of SH 29, which consists of 6 mainlanes and 6 frontage lanes. The proposed facility is anticipated to be an urban section, with curb and gutter on the frontage roads and barrier and shoulder for the mainlanes. Approximate ROW width will vary from approximately 350 feet to 400 feet, depending on final typical section. It is anticipated there will be up to 6 grade-separated intersections within the project limits.

Design Criteria

Texas Department of Transportation design criteria will control for US 183, and Williamson County for side corridor studies at County Road (CR) 207 and CR 221.

1. PROJECT MANAGEMENT

- a. The ENGINEER shall designate an individual to be responsible for the project management, and all communications with the County and its representatives.
- b. MONTHLY PROGRESS REPORTS, INVOICES, AND BILLINGS:
 - i. Submit monthly progress status reports to the GEC. Progress reports will include: tasks completed, tasks/objectives that are planned for the upcoming periods, lists or descriptions of items or decisions needed from the County and its representatives. Subconsultant progress will be incorporated into the monthly progress report. A copy of the monthly progress report will be uploaded to ProjectWise.
 - ii. 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:
 - i. Prepare a project specific QA/QC plan and submit to the County within thirty (30) days of notice to proceed.

- ii. 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.
- iii. 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.
- iv. Provide QA oversight and reviews to confirm conformance with project direction, intent, criteria including preparation of review comment documentation and document mark-ups.

d. PROJECT COORDINATION & ADMINISTRATION:

- i. Prepare and maintain routine project record keeping including records of meetings.
- ii. Correspondence and coordination will be handled through & with the concurrence of the GEC.
- iii. 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, correspond with the County and its representatives, and assist the County and its representatives in preparing responses to Project-related inquiries.

e. PROGRESS/COORDINATION MEETINGS (12 external meetings assumed):

- i. Prepare for and attend a kickoff meeting
- ii. Prepare for and attend up to 12 coordination/progress meetings with the County and its representatives and stakeholders, as necessary to communicate development of the project and design issues.
- iii. Prepare agenda and sign-in sheets for external coordination/progress meetings.
- iv. Prepare meeting minutes for review via email within three (3) business days of the external coordination/progress meeting.
- v. Conduct internal coordination meetings as required to advance the development of the project.

f. PROJECT SCHEDULE:

- i. Develop project schedule utilizing Microsoft Project indicating tasks, subtasks, critical dates, milestones, and deliverables.
- ii. Maintain project schedule with monthly updates

g. DELIVERABLES:

- i. Monthly Invoices and Progress Reports
- ii. Project Specific QA/QC Plan
- iii. Meeting Minutes, Sign-In Sheets, and Agendas
- iv. Project Schedule and monthly updates

2. ROUTE AND DESIGN STUDIES

a. DATA COLLECTION:

- i. Perform record research and obtain existing information, including but not limited to: as-built plans, construction plans, ROW maps, automated road inventory sheets, PMIS data, environmental reports, studies, future land use maps, floodplain data, floodplain and drainage models and analyses. Obtain construction plans for projects within the project limits and abutting TxDOT and County Roads. Obtain drainage studies, reports, and mapping for the project area, including reports for developments affecting the drainage area.
 - ii. Identify any agreements or contracts that TxDOT or other pertinent local jurisdictions have with utility companies or other public entities.
 - iii. Conduct a field investigation of the proposed roadway alignment and the surrounding area to determine field conditions including photographic record of notable existing features.
 - iv. Develop and maintain adjacent property ownership information (including owner's name, mailing address, property address, property id number) spreadsheet to be used for disseminating project information.
 - v. Review the data collected and organize the information.
- b. STAKEHOLDER COORDINATION (30 meetings assumed):**
- i. Prepare agendas, sign in sheets, meeting minutes, discussion topics, presentations, overall exhibits, and maps of the project limits for stakeholder coordination meetings.
 - (a) Schedule, coordinate logistics for and prepare materials (agendas, sign in sheets, meeting minutes, discussion topics) for meetings.
 - (b) Review and provide feedback on handouts, presentations, exhibits, and maps of the project limits for stakeholder coordination meetings.

- ii. Coordinate with affected local agencies, County's consultants, and affected property owners. Includes preparing/reviewing presentations and other communications materials for elected official briefings.
- iii. Conduct one (1) Neighborhood Meeting
 - (a) Schedule, coordinate logistics for and prepare materials (agenda, sign in sheets, meeting minutes, discussion topics).
 - (b) Review and provide feedback on handouts, presentations, exhibits, and maps of the project limits.
 - (c) Attend meeting and provide summary of meeting.
- iv. Provide ongoing stakeholder coordination, to include follow-up phone calls, emails and meetings (as requested) with stakeholders after initial introductions.
- v. Maintain a log of all stakeholder comments and inquiries received via phone, email, web form and written comments submitted at stakeholder meetings. Include stakeholder contact information and any responses provided.

c. ALTERNATIVES DEVELOPMENT AND EVALUATION (Four preliminary alignment alternatives assumed):

- i. Develop design criteria for project
- ii. Develop evaluation criteria to assist in evaluating the four preliminary alignment alternatives, to be summarized in a design criteria report
- iii. Prepare typical sections for the proposed project. Typical sections will depict lane widths and configurations for the project mainlanes and frontage roads. General cross street typical sections will be developed for major collector roads including FM 3405 and up to two other roadways identified in consultation with Williamson County. It is not anticipated that typical sections will be developed for each cross street on the project corridor.
- iv. Develop preliminary horizontal alignments for each of the four preliminary alignment alternatives.
- v. Develop preliminary vertical alignments for each of the four preliminary alignment alternatives.
- vi. Develop preliminary ROW requirements for each of the four preliminary alignment alternatives. These ROW limits are intended to be used for

comparison in the evaluation matrix. Detailed ROW limits will be developed during schematic development of the recommended alignment.

- vi. Review and summarize major utility conflicts for each of the preliminary alignment alternatives.

- viii. Develop constraints matrix for route selection comparison.

- ix. Prepare scroll plots on digital orthophoto backgrounds that include environmental concerns, known constraints (structures, floodplain, etc.), 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.

- x. Prepare preliminary ENGINEER's opinions of probable cost for each preliminary alignment alternative. Opinions of probable cost will not be developed by individual bid items. These estimates will be developed for comparative purposes utilizing major construction item categories.

- xi. Develop preliminary alignment alternatives based on stakeholder input, design criteria, existing structures, potential displacements, ROW limits and requirements, known developments, FEMA floodplain areas, existing and proposed drainage structures and other considerations identified during the development of alternatives.

- xii. Document and recommend to the County the recommended alternative based on the evaluation and input from the public involvement process and environmental process more fully described later in this scope of services.

d. EVALUATION OF INTERSECTING ARTERIALS (Up to 2 arterial intersections to be evaluated)

- i. Evaluate new location alignments consistent with Williamson County Long Range Transportation Plan and develop evaluation criteria to assist in evaluating route alignment alternatives, to be summarized in a design criteria report at the following locations:

(a) CR 207 at N US 183 from existing CR 207 to Ronald Reagan Blvd.
(b) CR 221 at N US 183 from County Line to SH 138

- ii. Prepare typical sections for each location. Typical sections will depict lane and shoulder widths.

- iii. Develop up to three preliminary horizontal and vertical alignments for each location.

- iv. Develop preliminary ROW requirements for each alternative alignment. Detailed ROW limits will be developed during schematic development of the recommended alignment.
 - v. Review and summarize major utility conflicts for each alternative.
 - vi. Prepare scroll plots on digital orthophoto backgrounds for presentation to the County. These plots will be developed for use in review, as well as presentation to stakeholders and property owners in the alternatives review process.
 - vii. Prepare preliminary ENGINEER's opinions of probable cost for each alignment alternative. Opinions of probable cost will not be developed by individual bid items. These estimates will be developed for comparative purposes utilizing major construction item categories.
 - viii. Refine preliminary alignment based on stakeholder input, design criteria, existing structures, potential displacements, ROW limits and requirements, known developments, FEMA floodplain areas, existing and proposed drainage structures and other considerations identified during the development of alternatives.
 - ix. Document and recommend to the County the recommended alternative based on the evaluation and input from the public involvement process and environmental process more fully described later in this scope of services.
- e. DELIVERABLES:
- i. Constraints Map of Preliminary Alignment Alternatives (pdf and hardcopies)
 - ii. Constraints Map of Refined Alignment Alternatives (pdf and hardcopies)
 - iii. Draft Preliminary Alignment Alternatives Evaluation Memorandum (pdf and hardcopies)
 - iv. Final Preliminary Alignment Alternatives Evaluation Memorandum (pdf and hardcopies)
 - v. Draft Recommended Alternative Identification Memorandum (pdf and hardcopies)
 - vi. Final Recommended Alternative Identification Memorandum (pdf and hardcopies)
 - vii. Draft Intersection Evaluation Memoranda
 - viii. Final Intersection Evaluation Memoranda

- ix. Design Summary Form (pdf and hardcopies)
- x. Google KMZ of each alternative

3. TRAFFIC STUDIES

a. TRAFFIC PROJECTIONS

- i. Based on the traffic data collected and the regional travel demand model (TDM), the ENGINEER shall develop a 2040 roadway level traffic forecast. The 2040 TDM model will be executed utilizing the official demographics forecast packaged with the model. The model forecast will be used in conjunction with traffic data collected for this project to develop 2040 AM and PM Peak hour volumes for six (6) major intersections along Corridor F (FM 3405, CR 207, CR 254, CR 209/215/970, CR 236, CR 243/221/SH 138) Where there is not enough detail coded into the model for existing intersections, existing counts and a growth rate will be used to help develop future traffic projections. Other intersections, including those that could be part of future developments or that are being designed by other agencies will not be assessed as part of this study. Up to two (2) phases will be assessed for the F Corridor:

- (a) Phase 1 – One-way Frontage Road Pair
- (b) Phase 2 – Full Freeway section

b. DATA COLLECTION

- i. Review Existing AM & PM 2-hour Turning Movement Counts provided by the County at the following intersections (8):

- (a) US 183 and FM 3405
- (b) US 183 and CR 207
- (c) US 183 and CR 254
- (d) US 183 and CR 209/215/970
- (e) US 183 and CR 236
- (f) US 183 and SH 138
- (g) US 183 and CR 243
- (h) US 183 and CR 221

- ii. Collect Field Observations during the AM and PM Peak Periods.

c. CRASH ANALYSIS

- i. Perform a crash analysis for the existing corridor including comparison to statewide averages.

d. COORDINATION MEETINGS

- i. Coordinate throughout the project (up to 1 meeting).
- ii. DELIVERABLES: Attend up to one (1) meeting to coordinate traffic studies.

4. PUBLIC INVOLVEMENT

a. PROJECT DATABASE

- i. The ENGINEER will provide general public outreach and engagement throughout the project. A database will be developed and maintained in Excel format which includes nearby property owners and residents, businesses, churches, educational/community organizations, elected/public officials, 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. COMMUNICATIONS MATERIALS AND TOOLS

- i. Prepare communications materials and tools to explain project information and key messages. Materials will include:
 - (a) Frequently Asked Questions will be developed at project commencement and will serve as the foundation for developing all other communication materials and key messages.
 - (b) Website copy will be provided to the County as needed.
 - (c) Copy for up to 6 eNewsletters / eBlasts will be provided to the County to promote public meetings and provide project updates.
 - (d) Copy and layout/design for up to 2 fact sheets or handouts to include a map of the project area, purpose and need for the project, and other information. Williamson County Road Bond templates/branding will be utilized.

c. PUBLIC MEETING/OPEN HOUSE (One public meeting assumed):

- i. Develop and distribute a direct mail piece or flyer for adjacent property owners to notify them of the start of the project and Open House #1.
- ii. Plan, schedule, conduct, and facilitate one (1) public meeting to share project information with and collect feedback from citizens and stakeholders. Tasks may include, but are not limited to:
 - (a) Develop invitations/advertisements/invitation lists
 - (b) Coordinate meeting announcements such as letters, email notices, signage, media releases, website and social media postings, outreach/ notifications to elected officials (letters and emails), and up to 3 newspaper advertisements.

- (c) Coordinate meeting logistics, including securing locations and conducting site visit
- (d) Provide experienced meeting facilitator and support staff to attend public meetings to solicit input from the general public.
- (e) Prepare/preview handouts and exhibits for public viewing.
- (f) Develop public survey and summarize results for 1 public meeting
- (g) Participate in meeting rehearsals
- (h) Prepare public meeting summary and responses to any comments or questions provided.
- (i) Coordinate court reporter and translator (if needed)

d. DELIVERABLES:

- i. FAQs
- ii. Website copy
- iii. Copy for eNewsletters/eBlasts
- iv. Fact Sheets/Handouts
- v. Public Notices
- vi. Sign-In Sheets, Handouts, Presentations, Maps, and Exhibits for Public Meeting.
- vii. Open House Meeting Summary and comment responses.

5. RIGHT OF WAY (ROW) MAPPING

- a. Right of Way (ROW) Delineation
 - i. The Surveyor will locate existing ROW monumentation and other physical evidence of the existing ROW and tie to the project control. ROW limits on as-built plans or existing ROW maps provided by the County will be used to establish the approximate existing ROW. This is not a ROW Retracement Survey or Boundary Survey. The information will be plotted to create a basefile for use by the ENGINEER for design purposes only and is not intended to be used for ROW acquisition.

b. DELIVERABLES:

- i. Preliminary ROW Map and affected property owner list (drawing file, pdf, and hardcopies)
- ii. Final ROW Map and affected property owner list (drawing file, pdf, and hardcopies)

6. SURVEYING

a. FIELD SURVEYING:

- i. Primary Project Control
 - (a) The Surveyor will recover and utilize the existing primary project control as published by others during the previous aerial LiDAR project. The Surveyor will establish up to six (6) secondary horizontal/vertical control points within the project limits. The Surveyor will constrain to the published control network where values are based on the horizontal and vertical datum [NAD83 (2011)/NAVD88 values (Texas Coordinate System, Central Zone)]. Replacing existing published primary control points found to be missing or disturbed is outside of this scope of services.
- ii. Existing LiDAR Rectification
 - (a) The Surveyor will attempt to rectify the existing aerial LiDAR file, as provided by the County, to NAD83 (2011)/NAVD88 values (Texas Coordinate System, Central Zone). This effort will require the Surveyor to be provided existing project control and metadata for the aerial LiDAR prepared by others. The Surveyor will apply a surface adjustment factor of 1.00011, or another as provided by the County, to the rectified LiDAR data. Verifying elevations and accuracy of data shown within the existing LiDAR is outside of this scope of series.
- iii. Subsurface Utility Engineering – Quality Level D
 - (a) Quality Level D - Existing Records: Utilities are plotted from review of available existing records
- iv. Survey existing US 183 horizontal curves – PC/PTs, and breaks in ROW as shown on existing ROW plans.
- b. DELIVERABLES:
 - i. ROW Delineation Basemap, Microstation V8i format
 - ii. ASCII points list of established project control
 - iii. PDF file of scanned field book copies
- 7. SCHEMATIC DEVELOPMENT (NOT INCLUDED IN THIS WORK AUTHORIZATION)
- 8. DRAINAGE STUDY
 - a. HYDROLOGIC/HYDRAULIC MODELING (2 major channel crossings, 15 cross drainage structures assumed):
 - i. Delineate external drainage areas

- ii. External Drainage - Prepare preliminary 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 conceptual alternatives. Detail the methodologies employed and recommendations. The external analysis will include: cross drainage structures, major channel crossings to reflect the existing conditions, based on cross drainage flood elevations, and easement requirements, Identify potential needs for FEMA Coordination. HEC-RAS shall be utilized for all stream modeling. HY-8 will be used for culvert modeling.

9. ENVIRONMENTAL SERVICES

a. ENVIRONMENTAL CONSTRAINTS ANALYSIS

Collect and review available environmental data to determine environmental constraints within the US 183 corridor. Prepare a preliminary environmental constraints map that identifies major human and natural environmental constraints within 500 feet of the US 183 centerline. The study area will expand to encompass an area within 750 feet of the US 183 centerline and extending 0.25 of a mile north and south of the following intersections: FM 3405, CR 207, and CR 221. Conduct a field reconnaissance to update and verify accuracy of preliminary environmental constraints map.

- i. Obtain, review, and organize existing environmental constraints data.
- ii. Prepare a draft preliminary environmental constraints map on digital orthophotography using GIS. Major environmental features identified in the record searches will be included in the constraints map. Aerial photographic interpretation will be used to identify the remaining features in the 1,000-foot corridor. The important environmental features that will be identified in the preliminary constraints map include schools, hospitals, cemeteries, churches, existing/planned developments, potential historic and 4(f) properties, archeological sites (not for public display), potential hazardous material or contamination sites, wetlands/waters of the U.S., floodplains, and endangered and/or threatened species habitats (not for public display).
- iii. Perform property ownership research utilizing the Williamson County Appraisal District records (Tax Maps and Ownership Records) and compile a list (Excel Spreadsheet) of landowners for distribution of right of entry letters. Obtain “right-of-entry” by signed letter from the owner of each of the subject properties. Also, contact property owners in advance of field surveys or to address specific property owner concerns about the work to be performed or being performed. This scope anticipates that the County will handle problems regarding landowners that refuse to

grant right-of-entry or are otherwise hostile with respect to the completion of this scope of services. Record and report results of mailings for future action. Landowner contacts will be recorded and provided to the County.

- iv. Conduct a field reconnaissance to verify the accuracy of the (draft) preliminary environmental constraints map. Identify important environmental features which are not included in the (draft) preliminary environmental constraints map and produce a (final) preliminary environmental constraints map for review by the County.

- v. Following County review of the preliminary constraints map, produce a final constraints map.

b. INTERSECTING ARTERIAL CONSTRAINTS MAPPING (Up to 2 intersecting arterials)

- i. The ENGINEER will prepare (draft) preliminary environmental constraints map on digital orthophotography using GIS for each of the arterial roadways. Major environmental features identified in the record searches will be included in the constraints map. Aerial photographic interpretation will be used to identify other features within the arterial areas. The important environmental features that will be identified in the preliminary constraints map include schools, hospitals, cemeteries, churches, existing/planned developments, potential historic and 4(f) properties, archeological sites (not for public display), potential hazardous material or contamination sites, wetlands, floodplains, and endangered and/or threatened species habitats (not for public display). The arterial constraints maps shall encompass an area not to exceed 1,500-feet in width, extending a distance not to exceed 5.5 miles in total length combined for the two arterials and starting at Corridor F/US 183.

- ii. To the extent possible from publicly-accessible areas, the ENGINEER will ground-truth the (draft) preliminary environmental constraints maps of the arterial areas. Right-of-entry will not be requested/obtained within the arterial areas.

- iii. After completion of ground-truthing, (final) preliminary constraints maps of the arterial areas will be produced and submitted to the County for review.

- iv. Subsequent to County review, final environmental constraints maps of the arterial areas will be produced.

- v. Based on information contained in the arterial environmental constraints map, a fatal flaw analysis will be performed and the results reported in the draft/final Intersection Evaluation Memoranda (outlined in Section 2.D of this Scope of Services).

c. RESOURCE-SPECIFIC EVALUATIONS - The ENGINEER will conduct resource-specific studies, surveys and evaluations. These evaluations will serve to identify existing (baseline) conditions and the impacts associated with each of the preliminary alignment alternatives.

i. Community Resources – Potential

(a) Land Use and Public Facilities –Potential effects on community resources, public and community facilities will be identified. Section 4(f) and 6(f) - Section 4(f) and 6(f) properties will be identified, and potential impacts to these properties will be assessed.

(b) ROW and Relocation Impacts – The area of ROW required for each of the four preliminary alignment alternatives will be computed. The following information will also be identified for each alternative: an estimate of the number of households to be displaced, an estimate of the numbers and descriptions of businesses and farms to be displaced.

(c) Noise Receptors – Noise receptors within the study corridor will be identified, categorized, and their locations mapped.

ii. Cultural Resources

(a) Historic Resources

(i) Conduct Reconnaissance Survey – Based on the area of potential effects (APE) prior to survey, the ENGINEER will conduct a reconnaissance field survey of properties within the APE that had not been previously inventoried. For buildings and structures that are 45 years old or older as of the letting date (2025), the ENGINEER will collect written and photographic documentation of those characteristics and contextual views that support the NRHP evaluation and the assessment of effect/impacts. All work will be conducted in accordance with the Guide.

The deliverable for this task will be an inventory table summarizing the surveyed historic resources and a constraints map indicating the locations of potential historic properties/districts in relation to the foot print of the ultimate design schematic.

(b) Archeology

(i) Phase 1. The ENGINEER will conduct a Class I archeological inventory (literature review) of files and archives maintained by the Texas Historical Commission (THC) and the Texas Archeological Research Laboratory (TARL) to identify previous archeological investigations and sites, if any, within the archeological APE (i.e. project footprint). The ENGINEER will identify and summarize all previously recorded archeological sites within the APE and also within one mile of the APE. The ENGINEER will also access published information on the nature and typical depth of soils within the APE segments and will develop predictive statements about the probability of unrecorded significant archeological sites being located within each APE segment. The ENGINEER will present these findings and recommendations for use in a technical memo. The ENGINEER will also prepare a coordination letter to be sent to the THC to request concurrence about recommendations for field survey efforts.

iii. Ecological Investigations – An ecological field survey and investigation to assess the preliminary alignment alternatives’ impacts on the ecological setting, vegetation, wildlife, threatened and endangered species, wetlands, and floodplains will be conducted. An Ecological Resources Technical Report will be prepared.

(a) Vegetation and Wildlife- A characterization of project area ecological resources, including descriptions of vegetation and wildlife habitat resources will be performed.

(b) Threatened and Endangered Species - During field investigations, an assessment of the suitability of affected habitats to support listed species will be made.

(i) The federal and state threatened and endangered species will be documented for the proposed project areas. The ENGINEER will assess the suitability of the habitat for these species and the potential for the different alternatives to impact any threatened or endangered species.

(ii) A karst feature survey will be conducted in accordance with existing U.S. Fish & Wildlife Service protocols as of May 21, 2015, which state that the Texas Commission on Environmental Quality Geologic Assessment guidelines are appropriate for conducting initial karst feature surveys. The karst survey will follow the TCEQ geologic assessment guidelines, as revised October 1, 2004. This scope assumes that the karst feature surveys will be limited to areas within karst zone 3, as the entire study area is located outside of karst zones 1 and 2. If significant karst habitat features are found, detailed site-specific geologic investigations will be required. These investigations would be conducted under a supplemental work authorization.

(c) Wetlands – Wetlands determinations for the four preliminary alignment alternatives will be conducted using the three-parameter approach as outlined in the U.S. Army Corp of Engineers Wetlands Delineation Manual (1987) and Regulatory Guidance Letter No. 05-05

(d) Floodplain Impacts – National Flood Insurance Program (NFIP) maps will be used to determine whether a preliminary alignment alternative will encroach on the base (100-year) floodplain. Floodplain areas within the study area will be determined and mapped; encroachment area (in acres) will be quantified for each of the preliminary alignment alternatives.

(e) Hazardous Materials – A database search and visual inspection within the existing ROW and the 1,000-foot study corridor to determine existing conditions will be performed, the findings will be summarized, and the potential for impacts to the preliminary alignment alternatives will be evaluated

(f) Update final environmental constraints map to include information gathered during field reconnaissance

(g) Prepare final technical memorandum describing environmental constraints within the 1,000-foot corridor.

d. DELIVERABLES:

- i. Draft & Final Environmental Constraints Map

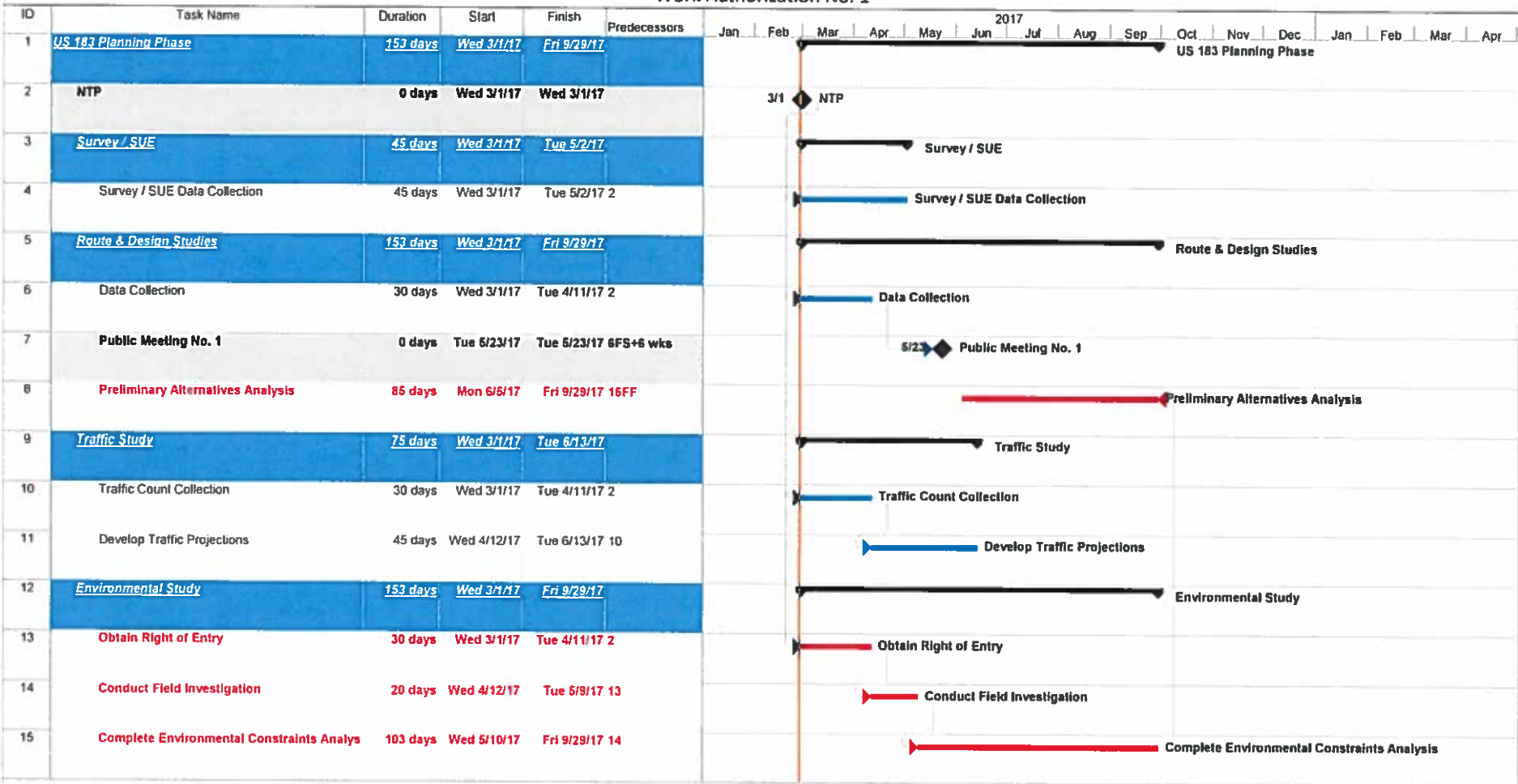
10. EXCLUSIONS

a. UTILITY COORDINATION:

- i. Utility coordination is not included in this scope of work. Major utility lines will be identified from as-built drawings as provided by the utility companies.
- ii. Utility conflict analysis and coordination is not included.



Transportation Corridor F
US 183 Corridor Study
Attachment C - Work Schedule
Work Authorization No. 1



Project: US 183, Williamson/Burnet Co. Line to FM 3405
Date: Tue 2/28/17

Task

Critical Task

Milestone

Summary

Project Summary

Attachment D - Fee Schedule
Transportation Corridor F
Summary

Highway: US 183: Williamson / Burnet Co. Line to FM 3405
County: Williamson
PRIME: CP&Y, Inc.

Summary Table: Williamson / Burnet Co. Line to FM 3405												
		TOTAL PROJECT										TOTAL
TASKS	Description	CP&Y, Inc.	Alliance Transportation Group	Kimley Horn	Rifeline	Blue	SAM	Kent Obrien	Cambrian	Horizon		
1	PROJECT MANAGEMENT	\$ 77,651.21	\$ 5,365.00	\$ 10,234.48	\$ 12,534.00	\$ 10,284.00	\$ 1,585.00	\$ 601.92	\$ -	\$ -	\$ 118,255.61	
2	ROUTE AND DESIGN STUDIES	\$ 278,519.43	\$ -	\$ 78,492.22	\$ 16,610.00	\$ 16,362.50	\$ -	\$ -	\$ -	\$ -	\$ 389,984.15	
3	TRAFFIC STUDIES	\$ 27,901.42	\$ 38,719.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 66,620.42	
4	PUBLIC INVOLVEMENT	\$ 66,326.01	\$ -	\$ -	\$ 17,120.00	\$ 17,880.00	\$ -	\$ 720.16	\$ -	\$ -	\$ 102,046.17	
5	RIGHT OF WAY (ROW) MAPPING	\$ 3,645.24	\$ -	\$ -	\$ -	\$ -	\$ 18,450.00	\$ -	\$ -	\$ -	\$ 22,095.24	
6	SURVEYING	\$ 7,290.48	\$ -	\$ -	\$ -	\$ -	\$ 42,210.00	\$ -	\$ -	\$ -	\$ 49,500.48	
7	SCHEMATIC DEVELOPMENT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
8	DRAINAGE STUDY	\$ 14,490.06	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 14,490.06	
9	ENVIRONMENTAL SERVICES	\$ 178,421.85	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 12,852.08	\$ 3,534.60	\$ 194,808.53	
	LABOR SUBTOTALS	\$ 654,245.70	\$ 44,084.00	\$ 88,726.70	\$ 46,264.00	\$ 44,526.50	\$ 62,245.00	\$ 1,322.08	\$ 12,852.08	\$ 3,534.60	\$ 957,800.66	
	Other Direct Expenses	\$ 4,800.50	\$ 1,145.00	\$ 594.34	\$ 15,638.00	\$ 4,315.25	\$ 4,831.50	\$ -	\$ -	\$ 195.00	\$ 31,519.59	
	ODE SUBTOTALS	\$ 4,800.50	\$ 1,145.00	\$ 594.34	\$ 15,638.00	\$ 4,315.25	\$ 4,831.50	\$ -	\$ -	\$ 195.00	\$ 31,519.59	
	PROVIDER SUBTOTALS	\$ 659,046.20	\$ 45,229.00	\$ 89,321.04	\$ 61,902.00	\$ 48,841.75	\$ 67,076.50	\$ 1,322.08	\$ 12,852.08	\$ 3,729.60	\$ 989,320.25	
Percentage		66.6%	4.6%	9.0%	6.3%	4.9%	6.8%	0.1%	1.3%	0.4%		
											\$ 989,320.25	

[illegible]

Sub Provider: Alliance Transportation Group, Inc.
US 183

SPECIFIED RATE														
	Project Principal	Sr Project Manager	Senior Engineer	Project Engineer	EIT	Sr Eng Tech	Engineer Technician	Planning Director	Sr Travel Demand Mod	Travel Dem Modeler III	Travel Dem Modeler II	Project Administrator	Clerical	TOTAL HRS
1. PROJECT MANAGEMENT														
1 a														
MONTHLY PROGRESS REPORTS, INVOICES, AND BILLINGS														
i		1	2	3										6
ii				3								3		6
QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PLAN:														
c														
e														
PROGRESS/COORDINATION MEETINGS														
v		4	4	8	4									20
Internal coordination meetings (up to 4)														
HOURS SUB-TOTALS														3,304.00
CONTRACT RATE PER HOUR														32
TOTAL LABOR COSTS	\$ 250.00	\$ 244.00	\$ 193.00	\$ 144.00	\$ 101.00	\$ 133.00	\$ 90.00	\$ 230.00	\$ 182.00	\$ 137.00	\$ 117.00	\$ 104.00	\$ 65.00	
% DISTRIBUTION OF STAFF HOURS	3.1%	18.8%	21.9%	34.4%	12.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	9.4%	0.0%	
% DISTRIBUTION OF STAFF BUDGETS	4.7%	27.3%	25.2%	29.5%	7.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	5.8%	0.0%	
SUBTOTAL	\$ 250.00	\$ 1,464.00	\$ 1,351.00	\$ 1,594.00	\$ 404.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 312.00	\$ -	\$3,365.00
3. TRAFFIC STUDIES														
TRAFFIC PROJECTIONS														
i		2	3	3										104
ii		2	3	8	16	16	16	2	16	48	24			107
ANALYZE FUTURE CONDITIONS (2040)														
3 b														0
i														0
ii														0
iii														0
Synchro Analysis (7 Intersections, 2 Phases)														
ii														0
HCM Freeway Analysis (1 Phase)														
iii														0
Visum Microsimulation Analysis														
DATA COLLECTION														
i														0
ii														0
iii														0
Turning Movement Count Data														
ii														0
iii														0
Travel Time Data														
ii		2	2	4	8	16								32
iii														
Field Observations														
3 d														32
i		1	2	4	16									32
CRASH ANALYSIS														
3 e														23
i														
COORDINATION MEETINGS														
i		2	2	4	4									12
Coordination Meetings (up to 1)														
3 f														0
DELIVERABLES														
i														0
ii														0
Draft Traffic Operations Memo														
ii														0
Final Traffic Operations Memo														
ii														0
HOURS SUB-TOTALS														
6		11	19	38	68	16	18	4	20	52	28	0	0	278
CONTRACT RATE PER HOUR														
\$ 250.00	\$ 244.00	\$ 193.00	\$ 144.00	\$ 101.00	\$ 133.00	\$ 90.00	\$ 90.00	\$ 230.00	\$ 182.00	\$ 137.00	\$ 117.00	\$ 104.00	\$ 65.00	
TOTAL LABOR COSTS														
\$ 1,500.00	\$ 2,684.00	\$ 3,687.00	\$ 5,472.00	\$ 6,888.00	\$ 2,128.00	\$ 1,440.00	\$ 1,440.00	\$ 920.00	\$ 3,640.00	\$ 7,124.00	\$ 3,278.00	\$ -	\$ -	\$18,524.00
% DISTRIBUTION OF STAFF HOURS														
2.2%	4.0%	6.8%	13.7%	24.5%	5.8%	5.8%	5.8%	1.4%	7.2%	18.7%	10.1%	0.0%	0.0%	
% DISTRIBUTION OF STAFF BUDGETS														
3.8%	6.8%	9.5%	14.1%	17.7%	5.5%	3.7%	2.4%	9.4%	18.4%	8.5%	0.0%	0.0%	0.0%	\$18,718.00
SUBTOTAL	\$ 1,500.00	\$ 2,684.00	\$ 3,687.00	\$ 5,472.00	\$ 6,888.00	\$ 2,128.00	\$ 1,440.00	\$ 920.00	\$ 3,640.00	\$ 7,124.00	\$ 3,278.00	\$ -	\$ -	
Total Project Hours														
7		17	26	49	72	18	18	4	20	52	28	3	0	310
% DISTRIBUTION OF STAFF HOURS														
2.3%	5.5%	8.4%	15.8%	23.2%	5.2%	5.2%	5.2%	1.3%	6.5%	16.8%	9.0%	1.0%	0.0%	
Project Totals														
\$1,750.00	\$4,148.00	\$5,018.00	\$7,056.00	\$7,272.00	\$2,128.00	\$1,440.00	\$1,440.00	\$820.00	\$3,640.00	\$7,124.00	\$3,278.00	\$312.00	\$0.00	\$44,084.00
Total Project % Distribution of Staff Hours														
2%	5%	8%	18%	23%	5%	5%	5%	1%	6%	17%	9%	1%	0%	
Project Totals														
														\$44,084.00

Sub Provider: Kimley-Horn & Associates, Inc.
US 183

SPECIFIED RATE										
		Senior Engineer I	Senior Engineer II	Professional	Analyst	Senior Designer	CAD Technician	Senior Support Staff	Support Staff	TOTAL HRS
1. PROJECT MANAGEMENT										
1 a										
b	MONTHLY PROGRESS REPORTS, INVOICES, AND BILLINGS									
i	Monthly Progress Reports	1	4							5
ii	Monthly Invoices	1	2						4	7
c	QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PLAN:									
i	Prepare QA/QC package per deliverable	1	3							4
d	PROJECT COORDINATION & ADMINISTRATION									
i	Prepare and maintain project record	1	1							2
ii	Correspondence and coordination	1	3							4
iii	Manage project	3	5							8
e	PROGRESS/COORDINATION MEETINGS									
i	Prepare for and attend kick-off meeting	2	2		2					6
ii	Prepare for and attend up to 3 coordination meetings	3	3							6
iv	Prepare meeting minutes									0
v	Weekly Coordination Calls		15							15
HOURS SUB-TOTALS										
CONTRACT RATE PER HOUR		\$ 227.82	\$ 176.34	\$ 143.69	\$ 117.35	\$ 135.05	\$ 111.86	\$ 104.12	\$ 84.30	57
TOTAL LABOR COSTS										
		\$ 2,961.66	\$ 6,700.92	\$ -	\$ 234.70	\$ -	\$ -	\$ -	\$ 337.20	
% DISTRIBUTION OF STAFF HOURS		22.8%	66.7%	0.0%	3.5%	0.0%	0.0%	0.0%	7.0%	
% DISTRIBUTION OF STAFF BUDGETS		28.9%	65.5%	0.0%	2.3%	0.0%	0.0%	0.0%	3.3%	
SUBTOTAL		\$ 2,961.66	\$ 6,700.92	\$ -	\$ 234.70	\$ -	\$ -	\$ -	\$ 337.20	\$ 10,234.48
2. ROUTE AND DESIGN STUDIES										
2 a	DATA COLLECTION									
i	Conduct field investigations and maintain photo log	4	4		4					12
ii	Review and maintain collected data		4		4					8
2 b	STAKEHOLDER COORDINATION									
i	Prepare for and attend meetings	8	8							16
ii	Coordinate with local agencies	4	4							8
2 d	Corridor Study (CR 221 and Connection to Ronald Reagan)									
i	Develop evaluation criteria	2	2	4	8					16
ii	Prepare typical section	2	4	8	24					38
iii	Develop horizontal and vertical alignments	1	8	24	80					113
iv	Develop preliminary ROW requirements for each alternative	2	4	8	24					38
v	Review and summarize major utilities	2	4	4	16					26
vi	Prepare scot plots	4	16	36	80					136
vii	Prepare engineers opinion of probable cost	2	4	8	24					38
viii	Refine alignments based on public involvement	2	8	16	40					66
ix	Document and recommend alternative	4	8	16	24					52
HOURS SUB-TOTALS										
CONTRACT RATE PER HOUR		\$ 227.82	\$ 176.34	\$ 143.69	\$ 117.35	\$ 135.05	\$ 111.86	\$ 104.12	\$ 84.30	567
TOTAL LABOR COSTS										
		\$ 8,429.34	\$ 13,754.52	\$ 17,817.56	\$ 38,480.80	\$ -	\$ -	\$ -	\$ -	
% DISTRIBUTION OF STAFF HOURS		6.5%	13.8%	21.9%	57.8%	0.0%	0.0%	0.0%	0.0%	
% DISTRIBUTION OF STAFF BUDGETS		10.7%	17.5%	22.7%	49.0%	0.0%	0.0%	0.0%	0.0%	
SUBTOTAL		\$ 8,429.34	\$ 13,754.52	\$ 17,817.56	\$ 38,480.80	\$ -	\$ -	\$ -	\$ -	\$76,492.22
7. SCHEMATIC DEVELOPMENT										
7 a	SCHEMATIC (recommended alternative) (Interchange Design)									
i	Further develop horizontal and vertical alignments									0
v	Develop proposed ROW limits									0
vi	Develop proposed control of access lines									0
vii	Develop interchange layouts for major cross streets (Assume 5)									0

Sub Provider: Kimley-Horn & Associates, Inc.
US 183

SPECIFIED RATE											
		Senior Engineer I	Senior Engineer II	Professional	Analyst	Senior Designer	CAD Technician	Senior Support Staff	Support Staff	TOTAL HRS	TOTAL LABOR HRS & COSTS
x	Develop striping									0	\$ -
xii	Prepare opinion of probable cost									0	\$ -
HOURS SUB-TOTALS		0	0	0	0	0	0	0	0		0
CONTRACT RATE PER HOUR		\$ 227.82	\$ 176.34	\$ 143.89	\$ 117.35	\$ 135.05	\$ 111.86	\$ 104.12	\$ 84.30		
TOTAL LABOR COSTS		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
% DISTRIBUTION OF STAFF HOURS		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		
% DISTRIBUTION OF STAFF BUDGETS		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		
SUBTOTAL		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$0.00
Total Project Hours		50	116	124	330	0	0	0	4		824
% DISTRIBUTION OF STAFF HOURS		8.0%	18.6%	19.9%	52.9%	0.0%	0.0%	0.0%	0.8%		
Project Totals		\$11,391.00	\$20,455.44	\$17,817.56	\$38,725.50	\$0.00	\$0.00	\$0.00	\$337.20		\$88,726.70
Total Project % Distribution of Staff Hours		8%	19%	20%	53%	0%	0%	0%	1%		
Project Totals											\$88,726.70

Sub Provider: Rifeline, LLC
US 183
SPECIFIED RATE

	President (Rifeline)	Vice-President (Rifeline)	Admin./Clerical (Rifeline)	TOTAL HRS.	TOTAL LABOR HRS. & COSTS
1. PROJECT MANAGEMENT					
1 a					
b	MONTHLY PROGRESS REPORTS, INVOICES, AND BILLINGS				
i	Monthly Progress Reports	6		6	\$ 1,080.00
ii	Monthly Invoices		3	3	\$ 174.00
d	PROJECT COORDINATION & ADMINISTRATION				
iii	Manage project (preparing responses to inquiries)	6		9	\$ 1,680.00
e	PROGRESS/COORDINATION MEETINGS				
i	Prepare for and attend kick-off meeting	3		6	\$ 1,140.00
ii	Prepare for and attend up to 8 coordination meetings			12	\$ 2,400.00
v	Participate in up to 4 Internal coordination meetings	12		18	\$ 3,360.00
vi	Participate in Internal coordination calls (scrums)	15		15	\$ 2,700.00
HOURS SUB-TOTALS				24	69
CONTRACT RATE PER HOUR				\$ 200.00	\$ 180.00
TOTAL LABOR COSTS				\$ 4,800.00	\$ 7,560.00
% DISTRIBUTION OF STAFF HOURS				34.8%	60.9%
% DISTRIBUTION OF STAFF BUDGETS				38.3%	60.3%
SUBTOTAL				\$ 4,800.00	\$ 7,560.00
174.00				\$ 174.00	
2. ROUTE AND DESIGN STUDIES					
2 b	STAKEHOLDER COORINATION (20 Meetings Assumed)				
i	Prepare for and attend 10 meetings with Affected Property Owners (MAPOs)	15		15	\$ 3,000.00
	Schedule, coordinate logistics for and prepare materials for meetings		8	8	\$ 1,440.00
	Review and provide feedback on handouts, presentations, exhibits and maps	2		2	\$ 400.00
ii	Coordinate with local agencies	9		9	\$ 1,800.00
iii	Conduct 1 neighborhood meeting	3		3	\$ 600.00
	Schedule, coordinate logistics for and prepare materials			1.5	\$ 270.00
	Review and provide feedback on handouts, presentations, exhibits and maps	0.5		0.5	\$ 100.00
iv	Provide ongoing stakeholder coordination	45		45	\$ 9,000.00
HOURS SUB-TOTALS				74.5	9.5
CONTRACT RATE PER HOUR				\$ 200.00	\$ 180.00
TOTAL LABOR COSTS				\$ 14,900.00	\$ 1,710.00
% DISTRIBUTION OF STAFF HOURS				88.7%	11.3%
% DISTRIBUTION OF STAFF BUDGETS				89.7%	10.3%
SUBTOTAL				\$ 14,900.00	\$ 1,710.00
-				\$ -	
4. PUBLIC INVOLVEMENT					
4 a	PROJECT DATABASE				
i	Develop and maintain project database	2	6	8	\$ 1,480.00
4 b	COMMUNICATIONS MATERIALS AND TOOLS				

Sub Provider: Rifeline, LLC
US 183

SPECIFIED RATE

	President (Rifeline)	Vice-President (Rifeline)	Admin./Clerical (Rifeline)	TOTAL HRS.	TOTAL LABOR HRS. & COSTS
i Develop Frequently Asked Questions	2	5		7	\$ 1,300.00
ii Develop Website copy	1	3		4	\$ 740.00
iii Develop copy for up to 6 eNewsletters/Blasts	1	4		5	\$ 920.00
iv Develop copy and layout/design for up to 2 fact sheets	1	3		4	\$ 740.00
4 c PUBLIC MEETINGS/OPEN HOUSES (3)					
i Develop and distribute a direct mail piece or flyer	1	4		5	\$ 920.00
ii Plan, schedule and attend 3 public meetings				0	\$ -
Develop invitations/advertisements/invitation lists	1	3		4	\$ 740.00
Coordinate meeting announcements	2	6		8	\$ 1,480.00
Coordinate meeting logistics		7		7	\$ 1,260.00
Provide experienced meeting facilitator and support staff to attend	7	7		14	\$ 2,660.00
Prepare/review handouts and exhibits	3	3		6	\$ 1,140.00
Develop public surveys and summarize results	2	4		6	\$ 1,120.00
Participate in meeting rehearsals	4	6		10	\$ 1,880.00
Prepare public meeting summaries and responses to any comments	1	3		4	\$ 740.00
HOURS SUB-TOTALS	28	64	0		92
CONTRACT RATE PER HOUR	\$ 200.00	\$ 180.00	\$ 58.00		
TOTAL LABOR COSTS	\$ 5,600.00	\$ 11,520.00	\$ -		
% DISTRIBUTION OF STAFF HOURS	30.4%	69.6%	0.0%		
% DISTRIBUTION OF STAFF BUDGETS	32.7%	67.3%	0.0%		
SUBTOTAL	\$ 5,600.00	\$ 11,520.00	\$ -		\$17,120.00
Total Project Hours	126.5	115.5	3		245
% DISTRIBUTION OF STAFF HOURS	51.6%	47.1%	1.2%		
Project Totals	\$25,300.00	\$20,790.00	\$174.00		\$46,264.00
Total Project % Distribution of Staff Hours	52%	47%	1%		
Project Totals					\$46,264.00

Sub Provider: Buie & Co.
US 183

SPECIFIED RATE

	Principal (Buie & Co.)	Account Manager (Buie & Co.)	Graphic Designer (Buie & Co.)	Account Coordinator (Buie & Co.)	Admin. (Buie & Co.)	TOTAL HRS	TOTAL LABOR HRS & COSTS
1. PROJECT MANAGEMENT							
1							
2							
MONTHLY PROGRESS REPORTS, INVOICES, AND BILLINGS							
b							
i		6				6	\$ 840.00
ii					3	3	\$ 174.00
d							
PROJECT COORDINATION & ADMINISTRATION							
iii	3	6				9	\$ 1,395.00
PROGRESS/COORDINATION MEETINGS							
i	3	3				6	\$ 975.00
ii	11					11	\$ 2,035.00
v	6	7				13	\$ 2,090.00
vi	15					15	\$ 2,775.00
PROJECT SCHEDULE							
i						0	\$ -
ii						0	\$ -
HOURS SUB-TOTALS							
	38	22	0	0	3		63
CONTRACT RATE PER HOUR							
	\$ 185.00	\$ 140.00	\$ 125.00	\$ 120.00	\$ 58.00		
TOTAL LABOR COSTS							
	\$ 7,030.00	\$ 3,080.00	\$ -	\$ -	\$ 174.00		
% DISTRIBUTION OF STAFF HOURS							
	60.3%	34.9%	0.0%	0.0%	4.8%		
% DISTRIBUTION OF STAFF BUDGETS							
	66.4%	29.9%	0.0%	0.0%	1.7%		
SUBTOTAL							
	\$ 7,030.00	\$ 3,080.00	\$ -	\$ -	\$ 174.00		\$10,284.00
2. ROUTE AND DESIGN STUDIES							
2							
b							
STAKEHOLDER COORDINATION (10 Meetings Assumed)							
i	15					15	\$ 2,775.00
						8	\$ 960.00
						2	\$ 370.00
ii	9					9	\$ 1,665.00
iii	3					3	\$ 555.00
						1.5	\$ 180.00
iv	0.5					0.5	\$ 92.50
v	45					45	\$ 8,325.00
						12	\$ 1,440.00
HOURS SUB-TOTALS							
	74.5	0	0	21.5	0		96
CONTRACT RATE PER HOUR							
	\$ 185.00	\$ 140.00	\$ 125.00	\$ 120.00	\$ 58.00		
TOTAL LABOR COSTS							
	\$ 13,782.50	\$ -	\$ -	\$ 2,580.00	\$ -		
% DISTRIBUTION OF STAFF HOURS							
	77.6%	0.0%	0.0%	22.4%	0.0%		
% DISTRIBUTION OF STAFF BUDGETS							
	84.2%	0.0%	0.0%	15.8%	0.0%		
SUBTOTAL							
	\$ 13,782.50	\$ -	\$ -	\$ 2,580.00	\$ -		\$16,362.50
4. PUBLIC INVOLVEMENT							
4							
a							
PROJECT DATABASE							
i	2					12	\$ 1,810.00
COMMUNICATIONS MATERIALS AND TOOLS							
b							
i	5					5	\$ 925.00

Sub Provider: Buie & Co.
US 183

SPECIFIED RATE

	Principal (Buie & Co.)	Account Manager (Buie & Co.)	Graphic Designer (Buie & Co.)	Account Coordinator (Buie & Co.)	Admin (Buie & Co.)	TOTAL HRS	TOTAL LABOR HRS & COSTS
ii Develop Website copy	1	5				6	\$ 885.00
iii Develop copy for up to 6 eNewsletters/Blasts	1	3				4	\$ 605.00
iv Develop copy and layout/design for up to 2 fact sheets	1	3	4			8	\$ 1,105.00
4 c PUBLIC MEETINGS/OPEN HOUSES (3)							
i Develop and distribute a direct mail piece or flyer	1		3	8		12	\$ 1,520.00
ii Plan, schedule and attend 1 public meeting						0	\$ -
Develop Invitations/advertisements/invitation lists	1			6		7	\$ 905.00
Coordinate meeting announcements	2	6		6		14	\$ 1,930.00
Coordinate meeting logistics				5		5	\$ 600.00
Provide experienced meeting facilitator and support staff to attend	8			8		16	\$ 2,440.00
Prepare/review handouts and exhibits	3					3	\$ 555.00
Develop public surveys and summarize results	2			3		5	\$ 730.00
Participate in meeting rehearsals	5	6		6		17	\$ 2,485.00
Prepare public meeting summaries and responses to any comments	1	6				7	\$ 1,025.00
Coordinate court reporter and translators				3		3	\$ 360.00
HOURS SUB-TOTALS	33	29	7	57	0		126
CONTRACT RATE PER HOUR	\$ 185.00	\$ 140.00	\$ 125.00	\$ 120.00	\$ 58.00		
TOTAL LABOR COSTS	\$ 6,105.00	\$ 4,060.00	\$ 875.00	\$ 6,840.00	\$ -		
% DISTRIBUTION OF STAFF HOURS	26.2%	23.0%	5.6%	45.2%	0.0%		
% DISTRIBUTION OF STAFF BUDGETS	34.1%	22.7%	4.9%	38.3%	0.0%		
SUBTOTAL	\$ 6,105.00	\$ 4,060.00	\$ 875.00	\$ 6,840.00	\$ -		\$17,880.00
Total Project Hours	145.5	51	7	78.5	3		285
% DISTRIBUTION OF STAFF HOURS	51.1%	17.9%	2.5%	27.5%	1.1%		
Project Totals	\$26,917.50	\$7,140.00	\$875.00	\$9,420.00	\$174.00		\$44,526.50
Total Project % Distribution of Staff Hours	51%	18%	2%	28%	1%		
Project Totals							\$44,526.50

Sub Provider: Surveying And Mapping, LLC
US 183

SPECIFIED RATE													
1. PROJECT MANAGEMENT													
		Senior Project Manager	Project Manager	Senior Survey Technician	Survey Technician	Admin/Clerical	Two (2) Person Survey Crew	Three (3) Person Survey Crew	SUE Project Manager	Senior Utility Coordinator	Senior SUE Engineering Tech	TOTAL HRS	TOTAL LABOR HRS & COSTS
1 a													
b		MONTHLY PROGRESS REPORTS, INVOICES, AND BILLINGS											
i		9										9	\$ 1,305.00
ii		Monthly Invoices				4						4	\$ 280.00
HOURS SUB-TOTALS		9	0	0	0	4	0	0	0	0	0	13	
CONTRACT RATE PER HOUR		\$ 145.00	\$ 125.00	\$ 96.00	\$ 88.00	\$ 70.00	\$ 130.00	\$ 160.00	\$ 149.00	\$ 123.00	\$ 96.00		
TOTAL LABOR COSTS		\$ 1,305.00	\$ -	\$ -	\$ -	\$ 280.00	\$ -	\$ -	\$ -	\$ -	\$ -		
% DISTRIBUTION OF STAFF HOURS		69.2%	0.0%	0.0%	0.0%	30.8%	0.0%	0.0%	0.0%	0.0%	0.0%		
% DISTRIBUTION OF STAFF BUDGETS		82.3%	0.0%	0.0%	0.0%	17.7%	0.0%	0.0%	0.0%	0.0%	0.0%		
SUBTOTAL		\$ 1,305.00	\$ -	\$ -	\$ -	\$ 280.00	\$ -	\$ -	\$ -	\$ -	\$ -		\$1,585.00
5. RIGHT OF WAY (ROW) MAPPING													
5 a		ROW Map											
i		2	1	32	24							59	\$ 5,599.00
ii		2	1	4	4		90					101	\$ 12,851.00
HOURS SUB-TOTALS		4	2	36	28	0	90	0	0	0	0	160	
CONTRACT RATE PER HOUR		\$ 145.00	\$ 125.00	\$ 96.00	\$ 88.00	\$ 70.00	\$ 130.00	\$ 160.00	\$ 149.00	\$ 123.00	\$ 96.00		
TOTAL LABOR COSTS		\$ 580.00	\$ 250.00	\$ 3,456.00	\$ 2,464.00	\$ -	\$ 11,700.00	\$ -	\$ -	\$ -	\$ -		
% DISTRIBUTION OF STAFF HOURS		2.5%	1.3%	22.5%	17.5%	0.0%	56.3%	0.0%	0.0%	0.0%	0.0%		
% DISTRIBUTION OF STAFF BUDGETS		3.1%	1.4%	18.7%	13.4%	0.0%	63.4%	0.0%	0.0%	0.0%	0.0%		
SUBTOTAL		\$ 580.00	\$ 250.00	\$ 3,456.00	\$ 2,464.00	\$ -	\$ 11,700.00	\$ -	\$ -	\$ -	\$ -		\$19,450.00
6. SURVEYING													
6 a		FIELD SURVEYING											
i		2	2	16	24		50	90				184	\$ 25,088.00
ii		8	6	24	24		30		4	20	40	92	\$ 10,228.00
iii		SUE Q.L.D										64	\$ 8,896.00
HOURS SUB-TOTALS		10	8	40	48	0	80	90	4	20	40	340	
CONTRACT RATE PER HOUR		\$ 145.00	\$ 125.00	\$ 96.00	\$ 88.00	\$ 70.00	\$ 130.00	\$ 160.00	\$ 149.00	\$ 123.00	\$ 96.00		
TOTAL LABOR COSTS		\$ 1,450.00	\$ 1,000.00	\$ 3,840.00	\$ 4,224.00	\$ -	\$ 10,400.00	\$ 14,400.00	\$ 596.00	\$ 2,460.00	\$ 3,840.00		
% DISTRIBUTION OF STAFF HOURS		2.9%	2.4%	11.8%	14.1%	0.0%	23.5%	26.5%	1.2%	5.9%	11.8%		
% DISTRIBUTION OF STAFF BUDGETS		3.4%	2.4%	9.1%	10.0%	0.0%	24.6%	34.1%	1.4%	5.8%	9.1%		
SUBTOTAL		\$ 1,450.00	\$ 1,000.00	\$ 3,840.00	\$ 4,224.00	\$ -	\$ 10,400.00	\$ 14,400.00	\$ 596.00	\$ 2,460.00	\$ 3,840.00		\$42,210.00
Total Project Hours		23	10	76	76	4	170	90	4	20	40	513	
% DISTRIBUTION OF STAFF HOURS		4.5%	1.9%	14.8%	14.8%	0.8%	33.1%	17.5%	0.8%	3.9%	7.8%		
Project Totals		\$3,335.00	\$1,250.00	\$7,296.00	\$6,688.00	\$280.00	\$22,100.00	\$14,400.00	\$596.00	\$2,460.00	\$3,840.00		\$82,245.00
Total Project % Distribution of Staff Hours		4%	2%	15%	15%	1%	33%	18%	1%	4%	8%		
Project Totals													\$82,245.00

Sub Provider: O'Brien Engineering Services, LLC
US 183

SPECIFIED RATE

	Quality Manager	Project Engineer	Admin/ Clerical	TOTAL HRS.	TOTAL LABOR HRS. & COSTS
1. PROJECT MANAGEMENT					
1 a					
QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PLAN:					
c					
i	3		1	4	\$ 601.92
Prepare QA/QC Plan					
iv				0	\$ -
Prepare QA/QC oversight					
QA ~ Schematic Document (3 separate reviews)(4 rolls)					
QA ~ Design (3 separate reviews)					
QA ~ checklist & comment forms (3 each)					
0					
HOURS SUB-TOTALS					
	3	0	1		4
CONTRACT RATE PER HOUR					
	\$ 180.04	\$ 139.73	\$ 61.80		
TOTAL LABOR COSTS					
	\$ 540.12	\$ -	\$ 61.80		
% DISTRIBUTION OF STAFF HOURS					
	75.0%	0.0%	25.0%		
% DISTRIBUTION OF STAFF BUDGETS					
	89.7%	0.0%	10.3%		
SUBTOTAL					
	\$ 540.12	\$ -	\$ 61.80		\$601.92
4. PUBLIC INVOLVEMENT					
4 b					
PUBLIC MEETING/OPEN HOUSE					
i	2			2	\$ 360.08
prepare educational handouts (map, FAQ, purpose and need)					
iii	1			1	\$ 180.04
Plan, schedule and attend 3 public meetings					
iv	1			1	\$ 180.04
Prepare public meeting material					
HOURS SUB-TOTALS					
	4	0	0		4
CONTRACT RATE PER HOUR					
	\$ 180.04	\$ 139.73	\$ 61.80		
TOTAL LABOR COSTS					
	\$ 720.16	\$ -	\$ -		
% DISTRIBUTION OF STAFF HOURS					
	100.0%	0.0%	0.0%		
% DISTRIBUTION OF STAFF BUDGETS					
	100.0%	0.0%	0.0%		
SUBTOTAL					
	\$ 720.16	\$ -	\$ -		\$720.16
Total Project Hours					
	7	0	1		8
% DISTRIBUTION OF STAFF HOURS					
	87.5%	0.0%	12.5%		
Project Totals					
	\$1,260.28	\$0.00	\$61.80		\$1,322.08
Total Project % Distribution of Staff Hours					
	88%	0%	13%		
Project Totals					
					\$1,322.08

Sub Provider: Cambrian Environmental
US 183

SPECIFIED RATE

		Senior Environmental Scientist	Environmental Scientist IV	Environmental Scientist III	Environmental Scientist I/II	TOTAL HRS.	TOTAL LABOR HRS. & COSTS
9. ENVIRONMENTAL SERVICES							
9	a ENVIRONMENTAL CONSTRAINTS ANALYSIS						
	vii Ecological field survey					0	\$ -
	b Threatened and Endangered Species	16				16	\$ 2,582.24
	bii Conduct Karst Survey	24	32		48	104	\$ 10,269.84
HOURS SUB-TOTALS		40	32	0	48		120
CONTRACT RATE PER HOUR		\$ 161.39	\$ 117.66	\$ -	\$ 54.82		
TOTAL LABOR COSTS		\$ 6,455.60	\$ 3,765.12	\$ -	\$ 2,631.36		
% DISTRIBUTION OF STAFF HOURS		33.3%	26.7%	0.0%	40.0%		
% DISTRIBUTION OF STAFF BUDGETS		50.2%	29.3%	0.0%	20.5%		
SUBTOTAL		\$ 6,455.60	\$ 3,765.12	\$ -	\$ 2,631.36		\$12,852.08
Total Project Hours		40	32	0	48		120
% DISTRIBUTION OF STAFF HOURS		33.3%	26.7%	0.0%	40.0%		
Project Totals		\$6,455.60	\$3,765.12	\$0.00	\$2,631.36		\$12,852.08
Total Project % Distribution of Staff Hours		33%	27%	0%	40%		
Project Totals							\$12,852.08

Attachment D - Fee Schedule
Transportation Corridor F
Firm Name - Horizon Environmental Services, Inc.

Sub Provider: Horizon Environmental Services, Inc.
US 183

SPECIFIED RATE									
	Principal	Senior Project Manager	Quality Manager	Senior Archeologist	GIS Technician	Environmental Manager	TOTAL HRS	TOTAL LABOR HRS & COSTS	
9. ENVIRONMENTAL SERVICES									
9 a ENVIRONMENTAL CONSTRAINTS ANALYSIS									
vi Cultural Resources							0	\$	
b Archeology (desktop archival research & high-probability area map)				12	12		24	\$	2,120.76
9 b INTERSECTING ARTERIAL CONSTRAINTS MAPPING									
i prepare draft constraints map				8	8		16	\$	1,413.84
HOURS SUB-TOTALS	0	0	0	20	20	0			40
CONTRACT RATE PER HOUR	\$ 1.00	\$ 1.00	\$ 1.00	\$ 105.89	\$ 70.84	\$ 1.00			
TOTAL LABOR COSTS	\$ -	\$ -	\$ -	\$ 2,117.80	\$ 1,416.80	\$ -			
% DISTRIBUTION OF STAFF HOURS	0.0%	0.0%	0.0%	50.0%	50.0%	0.0%			
% DISTRIBUTION OF STAFF BUDGETS	0.0%	0.0%	0.0%	59.9%	40.1%	0.0%			
SUBTOTAL	\$ -	\$ -	\$ -	\$ 2,117.80	\$ 1,416.80	\$ -			\$3,534.60
Total Project Hours	0	0	0	20	20	0			40
% DISTRIBUTION OF STAFF HOURS	0.0%	0.0%	0.0%	50.0%	50.0%	0.0%			
Project Totals	\$0.00	\$0.00	\$0.00	\$2,117.80	\$1,416.80	\$0.00			\$3,534.60
Total Project % Distribution of Staff Hours	0%	0%	0%	50%	50%	0%			
Project Totals									\$3,534.60

Attachment D - Fee Schedule
Transportation Corridor F
Firm Name - CP&Y, Inc.

Prime Provider: CP&Y, Inc.
US 183

Other Direct Expenses	QUANTITY	Unit	Fixed Cost	Maximum Cost	TOTAL
Lodging/Hotel (Taxes / fees not included)		day/person	\$128.00	Current State Rate	\$0.00
Lodging/Hotel - Taxes and fees		day/person		\$30.00	\$0.00
Meals (Excluding alcohol & tips) (Overnight stay required)		day/person	\$48.00	Current State Rate	\$0.00
Mileage	1200	mile	\$0.575	Current State Rate	\$690.00
Rental Car (Includes taxes and fees; Insurance costs will not be reimbursed)		day		\$70.00	\$0.00
Toll Charges	20	each		\$5.00	\$100.00
Air Travel		Rd Trip/person	\$300.00	Coach Fare	\$0.00
Oversize, special handling or extra baggage airline fees (with advance coordination with TxDOT)		each	\$50.00	Current Airline Rate	\$0.00
Parking		day		\$20.00	\$0.00
Rental Car Fuel		gallon		\$3.00	\$0.00
Taxi/Cab Fare		each / person		\$35.00	\$0.00
Shipping/Postage					
Postage & shipping (metered/bulk)		month		\$150.00	\$0.00
Materials and Shipping		per package		\$35.00	\$0.00
Standard Postage	150	letter	\$0.47	Current Postal	\$70.50
Overnight Mail - letter size		each	\$22.95	Current Postal	\$0.00
Overnight Mail - oversized box	3	each		\$40.00	\$120.00
Courier Services	3	each		\$40.00	\$120.00
Certified Letter Return Receipt	50	each	\$4.20	Current Postal	\$210.00
Copying / Printing / Reproduction / Photo					
Photocopies B/W (8 1/2" X 11")		each	\$0.10		\$0.00
Photocopies B/W (11" X 17")		each	\$0.20		\$0.00
Photocopies Color (8 1/2" X 11")		each	\$0.75		\$0.00
Photocopies Color (11" X 17")	100	each	\$1.25		\$125.00
Digital Ortho Plotting	272	sheet	\$2.50		\$680.00
Plots (B/W on Bond)		square foot	\$1.00		\$0.00
Plots (Color on Bond)		square foot	\$2.00		\$0.00
Plots (Color on Photographic Paper)		square foot	\$5.50		\$0.00
Color Graphics on Foam Board	80	square foot	\$5.50		\$440.00
Presentation Boards up to 48" X 60" Color Mounted		each	\$75.00		\$0.00
Outside Printing - Reports (Includes labor and supplies)		each report		\$50.00	\$0.00
Report Binding and Tabbing (Includes labor and supplies)		each		\$10.00	\$0.00
Reproduction of CD/DVD		each		\$3.00	\$0.00
CDs/DVDs		each	\$2.00		\$0.00
Cardstock Color (8 1/2" x 11")		each	\$2.00		\$0.00
Notebooks		each	\$5.00		\$0.00
4" X 6" Digital Color Print		picture	\$0.50		\$0.00
Planning / Environmental					
Historical Aerial Images (Photographs, Negatives, Maps)	2	each		\$100.00	\$200.00
Aerial Photographs (1" = 500' scale)		each		\$50.00	\$0.00
Tx Parks & Wildlife Data Request Fees	1	each		\$45.00	\$45.00
Maps and Map Records		each		\$2.00	\$0.00
Environmental Database search	1	per project		\$2,000.00	\$2,000.00
Environmental Field Supplies (lathes, stakes, flagging, spray paint, etc.)		day		\$51.00	\$0.00
TARL Curation Fee		site		\$64.00	\$0.00
Property Record Fees (Courthouse and Courthouse Direct Record Fees)		Per Parcel		\$24.00	\$0.00
Noise Meter Rental		per day		\$80.00	\$0.00
Surveying					
GPS Receiver (rates applied to actual time GPS units are in use)		hour		\$25.00	\$0.00
Other Direct Expense Total					\$4,800.50

Attachment D - Fee Schedule
Transportation Corridor F
Firm Name - Alliance Transportation Group, Inc.

Sub Provider: Alliance Transportation Group, Inc.
US 183

Other Direct Expenses	QUANTITY	Unit	Fixed Cost	Maximum Cost	TOTAL
Lodging/Hotel (Taxes / fees not included)		day/person	\$126.00	Current State Rate	\$0.00
Lodging/Hotel - Taxes and fees		day/person		\$30.00	\$0.00
Meals (Excluding alcohol & tips) (Overnight stay required)		day/person	\$48.00	Current State Rate	\$0.00
Mileage	300	mile	\$0.575	Current State Rate	\$172.50
Rental Car (Includes taxes and fees; Insurance costs will not be reimbursed)		day		\$70.00	\$0.00
Toll Charges	4	each		\$5.00	\$20.00
Air Travel		Rd Trip/person	\$300.00	Coach Fare	\$0.00
Oversize, special handling or extra baggage airline fees (with advance coordination with TxDOT)		each	\$50.00	Current Airline Rate	\$0.00
Parking	1	day		\$20.00	\$20.00
Rental Car Fuel		gallon		\$3.00	\$0.00
Taxi/Cab Fare		each / person		\$35.00	\$0.00
Shipping/Postage					
Postage & shipping (metered/bulk)		month		\$150.00	\$0.00
Materials and Shipping		per package		\$35.00	\$0.00
Standard Postage		letter	\$0.47	Current Postal	\$0.00
Overnight Mail - letter size		each	\$22.95	Current Postal	\$0.00
Overnight Mail - oversized box		each		\$40.00	\$0.00
Courier Services	3	each		\$40.00	\$120.00
Certified Letter Return Receipt		each	\$4.20	Current Postal	\$0.00
Copying / Printing / Reproduction / Photo					
Photocopies B/W (8 1/2" X 11")	750	each	\$0.10		\$75.00
Photocopies B/W (11" X 17")	250	each	\$0.20		\$50.00
Photocopies Color (8 1/2" X 11")	500	each	\$0.75		\$375.00
Photocopies Color (11" X 17")	250	each	\$1.25		\$312.50
Digital Ortho Plotting		sheet	\$2.50		\$0.00
Plots (B/W on Bond)		square foot	\$1.00		\$0.00
Plots (Color on Bond)		square foot	\$2.00		\$0.00
Plots (Color on Photographic Paper)		square foot	\$5.50		\$0.00
Color Graphics on Foam Board		square foot	\$5.50		\$0.00
Presentation Boards - up to 48" X 60" Color Mounted		each	\$75.00		\$0.00
Outside Printing - Reports (Includes labor and supplies)		each report		\$50.00	\$0.00
Report Binding and Tabbing (Includes labor and supplies)		each		\$10.00	\$0.00
Reproduction of CD/DVD		each		\$3.00	\$0.00
CDs/DVDs		each	\$2.00		\$0.00
Cardstock Color (8 1/2" x 11")		each	\$2.00		\$0.00
Notebooks		each	\$5.00		\$0.00
4" X 6" Digital Color Print		picture	\$0.50		\$0.00
Planning / Environmental					
Historical Aerial Images (Photographs, Negatives, Maps)		each		\$100.00	\$0.00
Aerial Photographs (1" = 500' scale)		each		\$50.00	\$0.00
Tx Parks & Wildlife Data Request Fees		each		\$45.00	\$0.00
Maps and Map Records		each		\$2.00	\$0.00
Environmental Database search		per project		\$500.00	\$0.00
Environmental Field Supplies (lathes, stakes, flagging, spray paint, etc.)		day		\$51.00	\$0.00
TARL Curation Fee		site		\$64.00	\$0.00
Property Record Fees (Courthouse and Courthouse Direct Record Fees)		Per Parcel		\$24.00	\$0.00
Noise Meter Rental		per day		\$80.00	\$0.00
Surveying					
GPS Receiver (rates applied to actual time GPS units are in use)		hour		\$25.00	\$0.00
Data Collection					
2-hour turning movement counts (7 ints x 2 peaks)		each	\$350.00		\$0.00
Travel Time runs (AM and PM 2-hour peaks)		hour	\$55.00		\$0.00
Other Direct Expense Total					\$1,145.00

Attachment D - Fee Schedule
Transportation Corridor F
Firm Name - Kimley-Horn Associates, Inc.

Sub Provider: Kimley-Horn & Associates, Inc.
US 183

Other Direct Expenses	QUANTITY	Unit	Fixed Cost	Maximum Cost	TOTAL
Lodging/Hotel (Taxes / fees not included)		day/person	\$128.00	Current State Rate	\$0.00
Lodging/Hotel - Taxes and fees		day/person		\$30.00	\$0.00
Meals (Excluding alcohol & tips) (Overnight stay required)		day/person	\$48.00	Current State Rate	\$0.00
Mileage	400	mile	\$0.575	Current State Rate	\$230.00
Rental Car (Includes taxes and fees; Insurance costs will not be reimbursed)		day		\$70.00	\$0.00
Toll Charges		each		\$5.00	\$0.00
Air Travel		Rd Trip/person	\$300.00	Coach Fare	\$0.00
Oversize, special handling or extra baggage airline fees (with advance coordination with TxDOT)		each	\$50.00	Current Airline Rate	\$0.00
Parking		day		\$20.00	\$0.00
Rental Car Fuel		gallon		\$3.00	\$0.00
Taxi/Cab Fare		each / person		\$35.00	\$0.00
Shipping/Postage					
Postage & shipping (metered/bulk)		month		\$150.00	\$0.00
Materials and Shipping		per package		\$35.00	\$0.00
Standard Postage	2	letter	\$0.47	Current Postal	\$0.94
Overnight Mail - letter size	2	each	\$22.95	Current Postal	\$45.90
Overnight Mail - oversized box	2	each		\$40.00	\$80.00
Courier Services	2	each		\$40.00	\$80.00
Certified Letter Return Receipt		each	\$4.20	Current Postal	\$0.00
Copying / Printing / Reproduction / Photo					
Photocopies B/W (8 1/2" X 11")	100	each	\$0.10		\$10.00
Photocopies B/W (11" X 17")	50	each	\$0.20		\$10.00
Photocopies Color (8 1/2" X 11")	100	each	\$0.75		\$75.00
Photocopies Color (11" X 17")	50	each	\$1.25		\$62.50
Digital Ortho Plotting		sheet	\$2.50		\$0.00
Plots (B/W on Bond)		square foot	\$1.00		\$0.00
Plots (Color on Bond)		square foot	\$2.00		\$0.00
Plots (Color on Photographic Paper)		square foot	\$5.50		\$0.00
Color Graphics on Foam Board		square foot	\$5.50		\$0.00
Presentation Boards up to 48" X 60" Color Mounted		each	\$75.00		\$0.00
Outside Printing - Reports (Includes labor and supplies)		each report		\$50.00	\$0.00
Report Binding and Tabbing (Includes labor and supplies)		each		\$10.00	\$0.00
Reproduction of CD/DVD		each		\$3.00	\$0.00
CDs/DVDs		each	\$2.00		\$0.00
Cardslock Color (8 1/2" x 11")		each	\$2.00		\$0.00
Notebooks		each	\$5.00		\$0.00
4" X 6" Digital Color Print		picture	\$0.50		\$0.00
Planning / Environmental					
Historical Aerial Images (Photographs, Negatives, Maps)		each		\$100.00	\$0.00
Aerial Photographs (1" = 500' scale)		each		\$50.00	\$0.00
Tx Parks & Wildlife Data Request Fees		each		\$45.00	\$0.00
Maps and Map Records		each		\$2.00	\$0.00
Environmental Database search		per project		\$500.00	\$0.00
Environmental Field Supplies (lathes, stakes, flagging, spray paint, etc.)		day		\$51.00	\$0.00
TARL Curation Fee		site		\$64.00	\$0.00
Property Record Fees (Courthouse and Courthouse Direct Record Fees)		Per Parcel		\$24.00	\$0.00
Noise Meter Rental		per day		\$80.00	\$0.00
Surveying					
GPS Receiver (rates applied to actual time GPS units are in use)		hour		\$25.00	\$0.00
Other Direct Expense Total					\$594.34

Attachment D - Fee Schedule
Transportation Corridor F
Firm Name - Rifeline, LLC

Sub Provider: Rifeline, LLC
US 183

Other Direct Expenses	QUANTITY	Unit	Fixed Cost	Maximum Cost	TOTAL
Mileage	3000	mile	\$0.575	Current State Rate	\$1,725.00
Parking	4	day		\$20.00	\$80.00
Shipping/Postage	60				
Standard Postage	150	letter	\$0.47	Current Postal	\$70.50
Copying / Printing / Reproduction / Photo					
Photocopies B/W (8 1/2" X 11")	2000	each	\$0.10		\$200.00
Photocopies Color (8 1/2" X 11")	2500	each	\$0.75		\$1,875.00
Newspaper Advertisements	5	per ad	\$2,000.00		\$10,000.00
Public Meeting Refreshments	0	per event	\$20.00		\$0.00
Public Meeting Supplies	0	per event	\$20.00		\$0.00
Court Reporter	0	per day	\$500.00		\$0.00
Translator	0	per event	\$400.00		\$0.00
Facility Rental	0	per event	\$400.00		\$0.00
Custodian	0	per hour	\$50.00		\$0.00
Audio-Visual Equipment Rental	0	per event	\$400.00		\$0.00
Meeting Signage	0	per unit	\$50.00		\$0.00
Postcard (mail) or Flyer (hand deliver) - Printing + Postage or Flyering Services	1,350	piece	\$1.25		\$1,687.50
Notebooks		each	\$5.00		\$0.00
Other Direct Expense Total					\$15,638.00

Attachment D - Fee Schedule
Transportation Corridor F
Firm Name - Buie & Co.

Sub Provider: Bule & Co.
US 183

Other Direct Expenses	QUANTITY	Unit	Fixed Cost	Maximum Cost	TOTAL
Mileage	3000	mile	\$0.575	Current State Rate	\$1,725.00
Parking	5	day		\$20.00	\$100.00
Shipping/Postage					
Standard Postage	75	letter	\$0.47	Current Postal	\$35.25
Copying / Printing / Reproduction / Photo					
Photocopies B/W (8 1/2" X 11")	1000	each	\$0.10		\$100.00
Photocopies B/W (11" X 17")	1000	each	\$0.20		\$200.00
Newspaper Advertisements	0	per ad	\$2,000.00		\$0.00
Public Meeting Refreshments	1	per event	\$20.00		\$20.00
Public Meeting Supplies	1	per event	\$20.00		\$20.00
Court Reporter	1	per day	\$500.00		\$500.00
Translator	1	per event	\$400.00		\$400.00
Facility Rental	1	per event	\$400.00		\$400.00
Custodian	5	per hour	\$50.00		\$250.00
Audio-Visual Equipment Rental	1	per event	\$400.00		\$400.00
Meeting Signage	3	per unit	\$50.00		\$150.00
Postcard (mail) or Flyer (hand deliver) - Printing + Postage or Flyering Services	0	piece	\$1.25		\$0.00
Notebooks	3	each	\$5.00		\$15.00
Other Direct Expense Total					\$4,315.25

Attachment D - Fee Schedule
Transportation Corridor F
Firm Name - Surveying And Mapping, LLC

Sub Provider: Surveying And Mapping, LLC
US 183

Other Direct Expenses	QUANTITY	Unit	Fixed Cost	Maximum Cost	TOTAL
Lodging/Hotel (Taxes / fees not included)		day/person	\$126.00	Current State Rate	\$0.00
Lodging/Hotel - Taxes and fees		day/person		\$30.00	\$0.00
Meals (Excluding alcohol & tips) (Overnight stay required)		day/person	\$48.00	Current State Rate	\$0.00
Mileage	1820	mile	\$0.575	Current State Rate	\$1,046.50
Rental Car (Includes taxes and fees; Insurance costs will not be reimbursed)		day		\$70.00	\$0.00
Toll Charges		each		\$5.00	\$0.00
Air Travel		Rd Trip/person	\$300.00	Coach Fare	\$0.00
Oversize, special handling or extra baggage airline fees (with advance coordination with TxDOT)		each	\$50.00	Current Airline Rate	\$0.00
Parking		day		\$20.00	\$0.00
Rental Car Fuel		gallon		\$3.00	\$0.00
Taxi/Cab Fare		each / person		\$35.00	\$0.00
Shipping/Postage					
Postage & shipping (metered/bulk)		month		\$150.00	\$0.00
Materials and Shipping	1	per package		\$35.00	\$35.00
Standard Postage		letter	\$0.47	Current Postal	\$0.00
Overnight Mail - letter size		each	\$22.95	Current Postal	\$0.00
Overnight Mail - oversized box		each		\$40.00	\$0.00
Courier Services		each		\$40.00	\$0.00
Certified Letter Return Receipt		each	\$4.20	Current Postal	\$0.00
Copying / Printing / Reproduction / Photo					
Photocopies B/W (8 1/2" X 11")		each	\$0.10		\$0.00
Photocopies B/W (11" X 17")		each	\$0.20		\$0.00
Photocopies Color (8 1/2" X 11")		each	\$0.75		\$0.00
Photocopies Color (11" X 17")		each	\$1.25		\$0.00
Digital Ortho Plotting		sheet	\$2.50		\$0.00
Plots (B/W on Bond)		square foot	\$1.00		\$0.00
Plots (Color on Bond)		square foot	\$2.00		\$0.00
Plots (Color on Photographic Paper)		square foot	\$5.50		\$0.00
Color Graphics on Foam Board		square foot	\$5.50		\$0.00
Presentation Boards - up to 48" X 80" Color Mounted		each	\$75.00		\$0.00
Outside Printing - Reports (includes labor and supplies)		each report		\$50.00	\$0.00
Report Binding and Tabbing (includes labor and supplies)		each		\$10.00	\$0.00
Reproduction of CD/DVD		each		\$3.00	\$0.00
CDs/DVDs		each	\$2.00		\$0.00
Cardstock Color (8 1/2" x 11")		each	\$2.00		\$0.00
Notebooks		each	\$5.00		\$0.00
4" X 6" Digital Color Print		picture	\$0.50		\$0.00
Planning / Environmental					
Historical Aerial Images (Photographs, Negatives, Maps)		each		\$100.00	\$0.00
Aerial Photographs (1" = 500' scale)		each		\$50.00	\$0.00
Tx Parks & Wildlife Data Request Fees		each		\$45.00	\$0.00
Maps and Map Records		each		\$2.00	\$0.00
Environmental Database search		per project		\$500.00	\$0.00
Environmental Field Supplies (lathes, stakes, flagging, spray paint, etc)		day		\$51.00	\$0.00
TARL Curation Fee		site		\$64.00	\$0.00
Property Record Fees (Courthouse and Courthouse Direct Record Fees)		Per Parcel		\$24.00	\$0.00
Noise Meter Rental		per day		\$80.00	\$0.00
Surveying					
GPS Receiver (rates applied to actual time GPS units are in use)	150	hour		\$25.00	\$3,750.00
Other Direct Expense Total					\$4,831.50

Attachment D - Fee Schedule
Transportation Corridor F
Firm Name - O'Brien Engineering Services, LLC

Sub Provider: O'Brien Engineering Services, LLC
US 183

Other Direct Expenses	QUANTITY	Unit	Fixed Cost	Maximum Cost	TOTAL
Lodging/Hotel (Taxes / fees not included)		day/person	\$128.00	Current State Rate	\$0.00
Lodging/Hotel - Taxes and fees		day/person		\$30.00	\$0.00
Meals (Excluding alcohol & tips) (Overnight stay required)		day/person	\$48.00	Current State Rate	\$0.00
Mileage		mile	\$0.575	Current State Rate	\$0.00
Rental Car (Includes taxes and fees; Insurance costs will not be reimbursed)		day		\$70.00	\$0.00
Toll Charges		each		\$5.00	\$0.00
Air Travel		Rd Trip/person	\$300.00	Coach Fare	\$0.00
Oversize, special handling or extra baggage airline fees (with advance coordination with TxDOT)		each	\$50.00	Current Airline Rate	\$0.00
Parking		day		\$20.00	\$0.00
Rental Car Fuel		gallon		\$3.00	\$0.00
Taxi/Cab Fare		each / person		\$35.00	\$0.00
Shipping/Postage					
Postage & shipping (metered/bulk)		month		\$150.00	\$0.00
Materials and Shipping		per package		\$35.00	\$0.00
Standard Postage		letter	\$0.47	Current Postal	\$0.00
Overnight Mail - letter size		each	\$22.95	Current Postal	\$0.00
Overnight Mail - oversized box		each		\$40.00	\$0.00
Courier Services		each		\$40.00	\$0.00
Certified Letter Return Receipt		each	\$4.20	Current Postal	\$0.00
Copying / Printing / Reproduction / Photo					
Photocopies B&W (8 1/2" X 11")		each	\$0.10		\$0.00
Photocopies B&W (11" X 17")		each	\$0.20		\$0.00
Photocopies Color (8 1/2" X 11")		each	\$0.75		\$0.00
Photocopies Color (11" X 17")		each	\$1.25		\$0.00
Digital Ortho Plotting		sheet	\$2.50		\$0.00
Plots (B&W on Bond)		square foot	\$1.00		\$0.00
Plots (Color on Bond)		square foot	\$2.00		\$0.00
Plots (Color on Photographic Paper)		square foot	\$5.50		\$0.00
Color Graphics on Foam Board		square foot	\$5.50		\$0.00
Presentation Boards up to 48" X 60" Color Mounted		each	\$75.00		\$0.00
Outside Printing - Reports (Includes labor and supplies)		each report		\$50.00	\$0.00
Report Binding and Tabbing (Includes labor and supplies)		each		\$10.00	\$0.00
Reproduction of CD/DVD		each		\$3.00	\$0.00
CDs/DVDs		each	\$2.00		\$0.00
Cardstock Color (8 1/2" x 11")		each	\$2.00		\$0.00
Notebooks		each	\$5.00		\$0.00
4" X 6" Digital Color Print		picture	\$0.50		\$0.00
Planning / Environmental					
Historical Aerial Images (Photographs, Negatives, Maps)		each		\$100.00	\$0.00
Aerial Photographs (1" = 500' scale)		each		\$50.00	\$0.00
Tx Parks & Wildlife Data Request Fees		each		\$45.00	\$0.00
Maps and Map Records		each		\$2.00	\$0.00
Environmental Database search		per project		\$500.00	\$0.00
Environmental Field Supplies (lathes, stakes, flagging, spray paint, etc.)		day		\$51.00	\$0.00
TARL Curation Fee		site		\$64.00	\$0.00
Property Record Fees (Courthouse and Courthouse Direct Record Fees)		Per Parcel		\$24.00	\$0.00
Noise Meter Rental		per day		\$80.00	\$0.00
Surveying					
GPS Receiver (rates applied to actual time GPS units are in use)		hour		\$25.00	\$0.00
Other Direct Expense Total					\$0.00

Attachment D - Fee Schedule
Transportation Corridor F
Firm Name - Cambrian Environmental

Sub Provider: Cambrian Environmental
US 183

Other Direct Expenses	QUANTITY	Unit	Fixed Cost	Maximum Cost	TOTAL
Lodging/Hotel (Taxes / fees not included)		day/person	\$125.00	Current State Rate	\$0.00
Lodging/Hotel - Taxes and fees		day/person		\$30.00	\$0.00
Meals (Excluding alcohol & tips) (Overnight stay required)		day/person	\$48.00	Current State Rate	\$0.00
Mileage		mile	\$0.575	Current State Rate	\$0.00
Rental Car (Includes taxes and fees; Insurance costs will not be reimbursed)		day		\$70.00	\$0.00
Toll Charges		each		\$5.00	\$0.00
Air Travel		Rd Trip/person	\$300.00	Coach Fare	\$0.00
Oversize, special handling or extra baggage airline fees (with advance coordination with TxDOT)		each	\$50.00	Current Airline Rate	\$0.00
Parking		day		\$20.00	\$0.00
Rental Car Fuel		gallon		\$3.00	\$0.00
Taxi/Cab Fare		each / person		\$35.00	\$0.00
Shipping/Postage					
Postage & shipping (metered/bulk)		month		\$150.00	\$0.00
Materials and Shipping		per package		\$35.00	\$0.00
Standard Postage		letter	\$0.47	Current Postal	\$0.00
Overnight Mail - letter size		each	\$22.95	Current Postal	\$0.00
Overnight Mail - oversized box		each		\$40.00	\$0.00
Courier Services		each		\$40.00	\$0.00
Certified Letter Return Receipt		each	\$4.20	Current Postal	\$0.00
Copying / Printing / Reproduction / Photo					
Photocopies B/W (8 1/2" X 11")		each	\$0.10		\$0.00
Photocopies B/W (11" X 17")		each	\$0.20		\$0.00
Photocopies Color (8 1/2" X 11")		each	\$0.75		\$0.00
Photocopies Color (11" X 17")		each	\$1.25		\$0.00
Digital Ortho Plotting		sheet	\$2.50		\$0.00
Plots (B/W on Bond)		square foot	\$1.00		\$0.00
Plots (Color on Bond)		square foot	\$2.00		\$0.00
Plots (Color on Photographic Paper)		square foot	\$5.50		\$0.00
Color Graphics on Foam Board		square foot	\$5.50		\$0.00
Presentation Boards up to 48" X 60" Color Mounted		each	\$75.00		\$0.00
Outside Printing - Reports (Includes labor and supplies)		each report		\$50.00	\$0.00
Report Binding and Tabbing (Includes labor and supplies)		each		\$10.00	\$0.00
Reproduction of CD/DVD		each		\$3.00	\$0.00
CDs/DVDs		each	\$2.00		\$0.00
Cardstock Color (8 1/2" x 11")		each	\$2.00		\$0.00
Notebooks		each	\$5.00		\$0.00
4" X 6" Digital Color Print		picture	\$0.50		\$0.00
Planning / Environmental					
Historical Aerial Images (Photographs, Negatives, Maps)		each		\$100.00	\$0.00
Aerial Photographs (1" = 500' scale)		each		\$50.00	\$0.00
Tx Parks & Wildlife Data Request Fees		each		\$45.00	\$0.00
Maps and Map Records		each		\$2.00	\$0.00
Environmental Database search		per project		\$500.00	\$0.00
Environmental Field Supplies (lathes, stakes, flagging, spray paint, etc.)		day		\$51.00	\$0.00
TARL Curation Fee		site		\$64.00	\$0.00
Property Record Fees (Courthouse and Courthouse Direct Record Fees)		Per Parcel		\$24.00	\$0.00
Noise Meter Rental		per day		\$80.00	\$0.00
Surveying					
GPS Receiver (rates applied to actual time GPS units are in use)		hour		\$25.00	\$0.00
Other Direct Expense Total					\$0.00

Attachment D - Fee Schedule
Transportation Corridor F
Firm Name - Horizon Environmental Services, Inc.

Sub Provider: Horizon Environmental Services, Inc.
US 183

Other Direct Expenses	QUANTITY	Unit	Fixed Cost	Maximum Cost	TOTAL
Lodging/Hotel (Taxes / fees not included)		day/person	\$126.00	Current State Rate	\$0.00
Lodging/Hotel - Taxes and fees		day/person		\$30.00	\$0.00
Meals (Excluding alcohol & tips) (Overnight stay required)		day/person	\$48.00	Current State Rate	\$0.00
Mileage		mile	\$0.575	Current State Rate	\$0.00
Rental Car (Includes taxes and fees; Insurance costs will not be reimbursed)		day		\$70.00	\$0.00
Toll Charges		each		\$5.00	\$0.00
Air Travel		Rd Trip/person	\$300.00	Coach Fare	\$0.00
Oversize, special handling or extra baggage airline fees (with advance coordination with TxDOT)		each	\$50.00	Current Airline Rate	\$0.00
Parking		day		\$20.00	\$0.00
Rental Car Fuel		gallon		\$3.00	\$0.00
Taxi/Cab Fare		each / person		\$35.00	\$0.00
Shipping/Postage					
Postage & shipping (metered/bulk)		month		\$150.00	\$0.00
Materials and Shipping		per package		\$35.00	\$0.00
Standard Postage		letter	\$0.47	Current Postal	\$0.00
Overnight Mail - letter size		each	\$22.95	Current Postal	\$0.00
Overnight Mail - oversized box		each		\$40.00	\$0.00
Courier Services		each		\$40.00	\$0.00
Certified Letter Return Receipt		each	\$4.20	Current Postal	\$0.00
Copying / Printing / Reproduction / Photo					
Photocopies B/W (8 1/2" X 11")		each	\$0.10		\$0.00
Photocopies B/W (11" X 17")		each	\$0.20		\$0.00
Photocopies Color (8 1/2" X 11")		each	\$0.75		\$0.00
Photocopies Color (11" X 17")		each	\$1.25		\$0.00
Digital Ortho Plotting		sheet	\$2.50		\$0.00
Plots (B/W on Bond)		square foot	\$1.00		\$0.00
Plots (Color on Bond)		square foot	\$2.00		\$0.00
Plots (Color on Photographic Paper)		square foot	\$5.50		\$0.00
Color Graphics on Foam Board		square foot	\$5.50		\$0.00
Presentation Boards up to 48" X 60" Color Mounted		each	\$75.00		\$0.00
Outside Printing - Reports (Includes labor and supplies)		each report		\$50.00	\$0.00
Report Binding and Tabbing (Includes labor and supplies)		each		\$10.00	\$0.00
Reproduction of CD/DVD		each		\$3.00	\$0.00
CDs/DVDs		each	\$2.00		\$0.00
Cardstock Color (8 1/2" x 11")		each	\$2.00		\$0.00
Notebooks		each	\$5.00		\$0.00
4" X 6" Digital Color Print		picture	\$0.50		\$0.00
Planning / Environmental					
Historical Aerial Images (Photographs, Negatives, Maps)		each		\$100.00	\$0.00
Aerial Photographs (1" = 500' scale)		each		\$50.00	\$0.00
Tx Parks & Wildlife Data Request Fees		each		\$45.00	\$0.00
Maps and Map Records		each		\$2.00	\$0.00
Environmental Database search	1	per project		\$195.00	\$195.00
Environmental Field Supplies (lathes, stakes, flagging, spray paint, etc.)		day		\$51.00	\$0.00
TARL Curation Fee		site		\$64.00	\$0.00
Property Record Fees (Courthouse and Courthouse Direct Record Fees)		Per Parcel		\$24.00	\$0.00
Noise Meter Rental		per day		\$80.00	\$0.00
Surveying					
GPS Receiver (rates applied to actual time GPS units are in use)		hour		\$25.00	\$0.00
Other Direct Expense Total					\$195.00