WORK AUTHORIZATION NO. 1

PROJECT: CORRIDOR E1

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 **Brown & Gay Engineers, 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 **$997,356.59.**

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:	COUNTY:
Brown & Gay Engineers, Inc.	Williamson County, Texas
By: _____ Signature	By: _____ Signature
Wesley E. Jasek, P.E. Printed Name	_____ Printed Name
Director of Transportation Systems Title	_____ Title

OK
3/1/2017

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

EXECUTED this ____ day of _____, 20___.

ENGINEER:	COUNTY:
Brown & Gay Engineers, Inc.	Williamson County, Texas
By: Wesley E. Jasek, P.E.	By:
Signature	Signature
Wesley E. Jasek, P.E.	DAN A GATTIS
Printed Name	Printed Name
Director of Transportation Systems	County Judge
Title	Title

OK
3/1/2017

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

ATTACHMENT A
SERVICES TO BE PROVIDED BY THE COUNTY
PRELIMINARY ENGINEERING FOR CORRIDOR E1

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 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 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.

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

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

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

10. Assist with Coordination between the Engineer and the County's other subconsultants.

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

12. Provide an agent as necessary to secure proposed ROW.

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

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

15. Review Engineer progress, submittals, and plan changes.

ATTACHMENT B
SERVICES TO BE PROVIDED BY THE ENGINEER
PRELIMINARY ENGINEERING FOR CORRIDOR E1

PROJECT DESCRIPTION

Existing Facility
County Road (CR) 101 and FM 3349 are currently 2-lane, north-south rural roads. The surrounding area consists of flat farm and ranch land.

Proposed Facility
A full access controlled freeway with 4 to 6 main lanes and 4 to 6 frontage road lanes, with approximately 350 feet of right of way (ROW). This includes an ultimate interchange at US 79 and at the intersection with Corridor B. Future extension to Phase E2 will be considered.

Design Criteria
Project-specific design criteria (typical sections, design speed, functional classification, geometric criteria, etc.) shall be identified and documented and shall be in accordance with the latest version of Williamson County design criteria, the Texas Department of Transportation (TxDOT) Roadway Design Manual, American Association of State Highway and Transportation Officials (AASHTO) Policy on Geometric Design of Highways and Streets, TxDOT Standard Specifications for Construction of Highways, Streets, and Bridges, Highway Capacity Manual - Transportation Research Board, AASHTO – A Policy on Design Standards Interstate System, and other associated local and State Manuals, as applicable.

1. PROJECT MANAGEMENT

   a. COMMUNICATION:

      - 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:

      - 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.
      - 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 County 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.
- Correspondence and coordination will be handled through and 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, correspond with the County and its representatives, and assist the County and its representatives in preparing responses to project-related inquiries.
- Coordinate with City of Hutto and City of Taylor Engineers, as applicable.
- Coordinate with Design Engineer developing interchange at intersection of Corridor E1 and Corridor A1.

e. PROGRESS/COORDINATION MEETINGS ([7] external meetings assumed):

- Attend a kickoff meeting and coordination/progress meeting with the County and its representatives and stakeholders, as necessary to communicate development of the project and design issues.
- 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:

- Maintain a project schedule indicating tasks, subtasks, critical dates, milestones, and deliverables.

DELIVERABLES:

- Monthly Invoices and Progress Reports
- Project Specific QA/QC Plan
- Meeting Minutes, Sign-In Sheets, and Agendas
- Project Schedule

2. ROUTE AND DESIGN STUDIES

a. DATA COLLECTION:

- Perform record research and obtaining existing information, including but not limited to: as-built plans, construction plans, ROW maps, 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 Study 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.
- 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.
- Review the data collected and organize the information.

b. STUDY AREA MAP:

- The Engineer shall establish a Study Area boundary for the route study based on previous studies, existing roadway corridors, and collected traffic evaluations and projections. The established Study Area will be presented at the first public meeting and used as the basis for the Constraints Map.

DELIVERABLES:

- Preliminary Study Area Map

- Refined Study Area Maps (up to four versions)
- Final Study Area Map

c. STAKEHOLDER COORDINATION ([15] meetings assumed):

- Prepare agendas, sign in sheets, meeting minutes, discussion topics, presentations, overall exhibits, and maps of the project limits for stakeholder coordination meetings.
- Coordinate with affected local agencies, County's consultants, and affected property owners.

d. CONSTRAINTS MAP ([6] preliminary alignments assumed):

- Develop a constraints map and technical memorandum that includes environmental concerns, known constraints (structures, floodplain), 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.

DELIVERABLES:

- Preliminary Study Area Map
- Refined Study Area Maps (up to four versions)
- Final Study Area Map
- Preliminary Constraints Map and Technical Memorandum (pdf and hardcopies)
- Refined Constraints Map and Technical Memorandum Recommendation (pdf and hardcopies)
- Design Summary Form (pdf and hardcopies)

e. TRAFFIC EVALUATIONS AND PROJECTIONS

- The Engineer shall conduct traffic evaluations, studies and projections to determine the effects of an alternative on network operations and to determine the most effective alternative. Evaluation shall include a planning Level of Service (LOS) analysis for the current and design year in accordance with the latest version of Williamson County criteria, the TxDOT Roadway Design Manual, Highway Capacity Manual - Transportation Research Board, and other associated State Manuals or guidance, as applicable. The work shall include the following tasks:

a. A review of previous traffic studies;

b. Obtaining and analyzing crash data for the last three years on record on the highways. The crash data will be summarized in tabular format; collision diagrams may be used for critical intersections;

c. Obtaining and reviewing the 2040 MPO travel demand model for the roadways in the Study Area;

d. Obtaining and analyzing historical traffic volumes for the highways in the Study Area and calculating growth rates to be used in traffic projections;

e. Developing traffic projections for the roadways in the Study Area;

f. Performing a planning level capacity analysis and LOS analysis of critical roadways and critical intersections for current and design year;

g. Performing a planning level capacity analysis and LOS analysis of critical roadways and critical intersections for Build and No-Build conditions;

h. Preparing a traffic study draft report that will contain the data collected, the analysis, conclusions and recommendations.

i. Address comments from the County;

j. Prepare a final report.

DELIVERABLES:

- Draft Traffic Study Report (up to four versions)
- Final Traffic Study Report

f. DESIGN CRITERIA:

- The Engineer shall analyze and identify project-specific design criteria (typical sections, design speed, functional classification, geometric criteria) in accordance with the latest version of Williamson County criteria, the TxDOT Roadway Design Manual, AASHTO Policy on Geometric Design of Highways and Streets, TxDOT Standard Specifications for Construction of Highways, Streets, and Bridges, Highway Capacity Manual -Transportation Research Board, AASHTO – A Policy on Design Standards Interstate System, and other associated local and State Manuals, as applicable. Independent DSRs will be developed for varying types of facilities.

DELIVERABLES:

- Draft Design Summary Report (DSR) (up to three versions)
- Final Design Summary Report (DSR) (up to three versions)

- 5 Typical Sections

g. ROUTE LOCATION STUDIES:

- The Engineer shall develop and evaluate preliminary route alternatives that are feasible and reasonable in terms of construction and operation. The preliminary route alternatives will also and satisfy the project purpose and need, and be developed in accordance with the latest version of Williamson County criteria, the TxDOT Roadway Design Manual, AASHTO Policy on Geometric Design of Highways and Streets, TxDOT Standard Specifications for Construction of Highways, Streets, and Bridges, Highway Capacity Manual - Transportation Research Board, AASHTO – A Policy on Design Standards Interstate System, and other associated local and State Manuals, as applicable.
- Initial Screening and Evaluation Criteria: Within the Study Area, the Engineer shall develop an evaluation criteria to screen and evaluate a range of alternatives for the route study. Land use/land cover calculations shall be performed using desktop analysis and published Geographic Information Systems (GIS) databases. This activity will result in a working list of evaluation criteria that shall be used in refining up to six identified alternatives. This task will be structured to encourage a consensus on the measures to be used in the evaluation and selection of the route alternatives. It will further include categories such as transportation benefits, cost effectiveness, public support, environmental impacts, and constructability. The least viable alternatives, based on this level of analysis, shall be eliminated from further consideration. The remaining two to three alternatives will become the Reasonable Alternatives.
- Reasonable Screening and Evaluation Criteria: The Engineer shall pursue comments and ideas for modification of the Reasonable Alternatives. This will take place with input from stakeholder meetings. The Engineer shall present a general description of each alternative, the general alignment, overall operating scenarios, and the viability of each alternative to respond to the project's purpose and need.
- The Engineer shall revise the initial screening and evaluation criteria for use in analyzing the Reasonable Alternatives based on the input received at the stakeholders and agency scoping meetings. These criteria will focus on engineering and environmental constraints. The Reasonable Alternatives will be established using these criteria as well as the stated purpose and need. Reasonable Alternatives will be selected and advanced for detailed analysis in the corridor study. It is anticipated that a maximum of three Reasonable Alternatives will be evaluated at this revised screening.

- Recommended Alternative: The Engineer shall identify the Recommended Alternative based on the revised screening and evaluation criteria and route study analysis. The Engineer shall solicit comments on the Recommended Alternative from the County and other stakeholders. The Recommended Alternative shall be revised to address comments received through public involvement and stakeholder input.

DELIVERABLES:

- Draft Alternatives Evaluation Screening Matrix (up to four versions)
- Final Alternatives Evaluation Screening Matrix
- Draft Alternatives Evaluation Technical Report (up to four versions)
- Final Alternatives Evaluation Technical Report

h. PRELIMINARY COST ESTIMATES:

- Preliminary cost estimates shall be developed utilizing the most current TxDOT Statewide and District bid tabs, as applicable. Estimates shall be developed in present day dollars and escalated to the projected year of construction. The Engineer shall develop cursory ("rule of thumb") construction cost estimates for comparison and evaluation of the Reasonable Alternatives developed under the route study. The Engineer shall refine the cost estimate for the Recommended Alternative. The refined cost estimate for the Recommended Alternative shall include significant construction elements such as structures, retaining walls, pavement structures, and approximate cut and fill quantities. The Engineer shall provide ROW cost estimates, including compensable and non-compensable utility relocations, for the Reasonable Alternatives and the Recommended Alternative based upon per-acre/utility type costs.

DELIVERABLES:

- Draft Preliminary Cost Estimates (up to four versions)
- Final Preliminary Cost Estimates

i. PRELIMINARY RIGHT OF WAY REQUIREMENT:

- Preliminary ROW requirements and associated costs shall be determined for the Reasonable Alternatives in accordance with the latest version of Williamson County criteria, the TxDOT Roadway Design Manual, AASHTO Policy on Geometric Design of Highways and

Streets, TxDOT Standard Specifications for Construction of Highways, Streets, and Bridges, Highway Capacity Manual - Transportation Research Board, AASHTO – A Policy on Design Standards Interstate System, TxDOT ROW and Survey Manuals, and other associated local and State Manuals, as applicable. Determine current ROW widths based on TxDOT as-built plans and the Williamson County Appraisal District published information.

DELIVERABLES:

- 5 Proposed Typical Sections with estimated ROW
- Estimated ROW location on alignment maps
- Estimated ROW Cost

j. CONCEPTUAL DESIGN ALIGNMENT:

- The Engineer shall develop conceptual design schematics in MicroStation format to evaluate various methods of handling traffic while providing access in key areas. It is anticipated that a single design alternative that optimizes traffic flow and access shall be produced. The conceptual schematics will be plan view only. Profile work will be done only to the extent necessary to lay out the proper horizontal geometry.
- The alignment layout will adhere to a design scale of 1 inch = 100 feet and developed in English units. All Microsoft Office and Microstation V8 or V8i – Geopak computer graphic files furnished to the County must be submitted in electronic format by means of a CD media that will be compatible to the County. Design will follow the State and Federal Highway Administration (FHWA) standards, and follow the CADD standards used by the County. The alignment layout shall be submitted as an original document, accompanied with an original with an original Microstation V8 or V8i formatted graphic file.
- The schematics shall contain the following design elements:

a. Mainlane roadway alignment

b. Typical sections of existing and proposed roadways

c. Proposed structure locations

d. Preliminary ROW requirements

e. Existing and projected traffic volumes

DELIVERABLES:

- Draft Roll Plot (up to four versions)

- Final Roll Plot
- Preliminary cross sections
- KMZ file of conceptual alignment(s)

3. PUBLIC INVOLVEMENT

a. PUBLIC ENGAGEMENT PLAN:

- The Engineer will develop a Public Engagement Plan, which outlines the objectives, strategies, tools and timeline of the engagement process. The overall approach will be to inform, update, and define methods of collecting input from stakeholders. The Plan may include elements such as: general public meetings, one-on-one meetings with affected property owners and businesses and outlined communication tools to be used. Development of the plan will start with thorough research of the Study Area, areas of concern, and identification of stakeholders.

DELIVERABLES:

- Draft Public Engagement Plan
- Final Public Engagement Plan

b. OUTREACH TOOLS:

- 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, County contacts, 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. Project Status Updates, meeting notices, and notices of opportunities to participate will be emailed to stakeholders in the database. The Engineer will set up and monitor a project email address and be the point of contact to reply to questions and comments in a timely manner. All communication will be logged and team members and County staff will be involved in development of messages.

DELIVERABLES:

- Development and continuous updates of stakeholder database
- Up to 4 Email Updates (Outside of meeting notices)
- Communications and responses to stakeholders

c. STAKEHOLDER OUTREACH AND MEETINGS:

- The Engineer will identify and reach out to key stakeholders to set up one-on-one meetings. These meetings will allow the project team an opportunity to visit about concerns and needs of the affected property owners and businesses.
- The Engineer will arrange, facilitate, and document meetings. It is assumed that there will be up to three rounds of outreach to key stakeholders, the project introduction, proposed alternatives and preferred alternative solution.

DELIVERABLES:

- Identification and contact with stakeholders
- Coordination and Facilitation of meetings (up to 3 rounds of outreach)
- Documentation of meetings

d. PUBLIC MEETING/OPEN HOUSE ([2] public meetings assumed):

- The Engineer will plan, schedule, conduct, and facilitate 2 public meetings to share project information with and collect feedback from citizens and stakeholders. The first meeting will introduce the project and review the environmental constraints of the project to the community, and allow for initial general input. The second meeting will be held to share findings and the proposed alternatives to the community and gather feedback. The third public meeting will present the preferred alternative to the community and collect input.
- The Engineer will develop 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 who have showed interest in the project.
- The Engineer will plan, schedule, conduct, and facilitate public meeting(s) to share project information with and collect feedback from citizens and stakeholders. Tasks may include, but not limited to: calling and/or visiting potential meeting sites; reserving meeting space; announcing the meetings by distributing meeting information and coordinating with attendees; holding and participating in meeting rehearsals; and facilitating meetings. The Engineer will coordinate meeting announcements such as letters, email notices, signage, media releases, and postings.

- In addition, the Engineer will provide experienced meeting facilitators and attend public open house meetings to solicit input from the public. For each public meeting a summary analysis and responses to any comments or questions will be provided to the County.

DELIVERABLES:

- Meeting planning (logistics, location, facility prep)
- Meeting announcements such as email notices, signage, calling civic group contacts, etc.
- Meeting facilitation
- Meeting materials (notification flyer, PPT, exhibits, appropriate signage)
- Electronic version of meeting materials for virtual open house
- Summary report

e. PROJECT MATERIALS AND TOOLS:

- The Engineer will develop and coordinate materials for consistency and project branding. Materials will relay project information and provide opportunities to give input during the project. The approach to materials will be to tell the story of why these improvements are needed, explain the approach the County is taking to address transportation needs, and encourage involvement. Materials may include but are not limited to a handouts, fliers, or fact sheets.

DELIVERABLES:

- Illustrations to share project information
- Handouts, flyers, FAQs, or factsheets

f. WEBPAGE:

- The Engineer will develop content and coordinate with the County for posting the County website. It will include project information, information on how to get involved and share input, project contact information, project materials and materials from public meetings.

DELIVERABLES:

- Draft content for project webpage
- Coordination with County for posting
- Updates to content

g. MEDIA OUTREACH:

- The Engineer will develop and implement additional media outreach strategies. Drafts of media releases will be developed for the County to distribute to announce project launch and public meetings.
- Social media posts will be drafted and sent to the appropriate contacts for posting to existing County and other relevant groups social media accounts. The Engineer will develop a message and plan for sharing information on Facebook, Twitter, and Nextdoor.
- The Engineer will identify opportunities for, and place advertisements for public meetings in local media outlets. Print and digital advertisements allow the message to be broadcast to a broader audience in the county and promote the public meetings.

DELIVERABLES:

- Up to 2 media releases
- Content for social media posts on Facebook, Twitter, and Nextdoor
- Development of up to 2 display advertisements for print or digital placement

4. RIGHT OF WAY (ROW) MAPPING

NONE

5. SURVEYING

a. RIGHT OF ENTRY ([20] letters assumed):

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

b. GROUND SURVEY:

- Locate and verify aerial LiDAR mapping control to ground targets in the immediate area.
- Establish horizontal and vertical control using 3 inter-visible monument pairs at locations near both ends and near the center of the project study area.
- Survey a sample of ground data (cross sectional) in areas not requiring right of entry e.g., crossing roadways, watercourses, etc.

- Perform coordinate system translations for existing file integration and to generate a homogenous project coordinate system.

DELIVERABLES:

- DGN file of ground verification data and crossing roadway information. This will NOT be a DTM or have associated TIN files.
- Control Monument data in ASCII format. ASCII file of ground verification data.
- Tiled LiDAR data files of classified points in LAS format.

c. DESIGN SURVEY:

- The Engineer will establish horizontal and vertical control including a minimum of 8 points within the survey limits. The survey control points will be set in locations that will likely be undisturbed by construction or State maintenance. The project control will be placed on horizontal and vertical datums [NAD83/93/NAVD88 values (Texas State Plane, South Central Zone)] with a scale factor of 1.00011 or as provided by the County. Elevations will be derived from GPS observations using Geoid 2012A model. Digital levels will be run through all control points to confirm the established elevations.
- The Engineer will supplement the aerial mapping design survey with conventional on-the-ground surveying in areas that are obscured from the LiDAR sensors field of view. Exact location of trees is not included in this scope of services.
- Supplemental design survey data will be merged and appended to the aerial mapping 2D and DTM to create seamless 2D, DTM and TIN files for the BBI section of Studabove.

DELIVERABLES:

- None

d. FIELD SURVEYING:

NONE

6. <u>SCHEMATIC DEVELOPMENT</u>

NONE

7. DRAINAGE STUDY

NONE

8. ENVIRONMENTAL SERVICES

a. PRELIMINARY ENVIRONMENTAL ANALYSIS:

- This task will include data collection and field reconnaissance for the Study Area and up to six alternative corridors. Assume no right of entry for the alternative corridors. All field reconnaissance for this task will be conducted from public ROW. Right of entry is reserved for the Recommended Alternative corridor.
- Utilize previous studies conducted for the CR 101 project and identify environmental, community, cultural, and other features. Resources evaluated in the analysis will be in accordance with current Federal and State statutes, regulations and guidelines and the State's latest codes, practices, criteria, specifications, policies, procedures, and Statement of Understanding including but not limited to National Environmental Policy Act (NEPA) (42 U.S.C. 4371, as amended) and TAC Title 43 Part 1, Chapters 2 and 16.
- Obtain environmental data from publically available sources and purchased through GeoSearch. The information will be collected in GIS format and incorporated in the Constraints Map for the Study Area.
- Update periodically publicly available information including but not limited to: locations of public buildings (schools, churches, parks), aerial photography, National Wetland Inventory data, Soil Survey data, TCEQ & EPA hazardous materials database information, FEMA floodplain information, vegetation information, and habitat for Federal and State protected species known to occur in Williamson County.
- Conduct a regulatory records review of the Study Area to identify recorded 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.
- Complete the TxDOT Scope Development Form to document potential environmental risks and identify studies required for the Recommended Alternative corridor.

DELIVERABLES:

- Draft & Final Scope Development Form (electronic submission of up to 3 drafts and 1 final in PDF format)

9. GEOTECHNICAL SERVICES

NONE

10. PLAN PREPARATION

NONE

11. PERMITS

NONE

12. BIDDING PHASE SERVICES

NONE

13. CONSTRUCTION PHASE SERVICES

NONE

14. DELIVERABLES

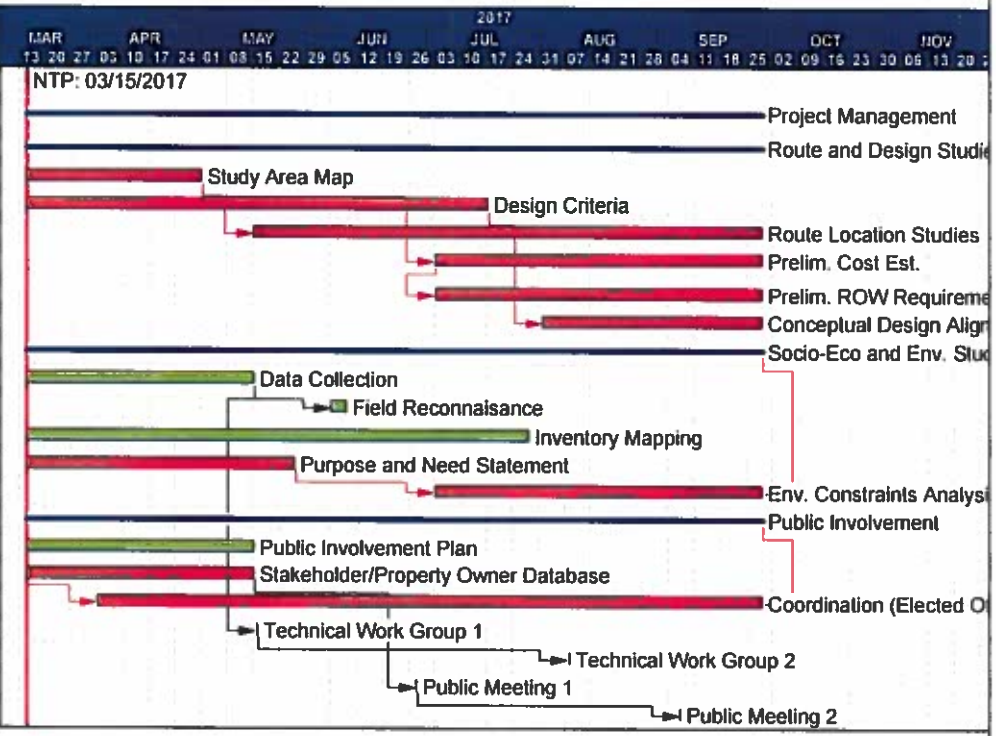
SEE OTHER TASKS

15. EXCLUSIONS

SEE OTHER TASKS. WORK NOT SPECIFIED IN THIS CONTRACT IS EXCLUDED.

ATTACHMENT C - WORK SCHEDULE

Act ID	Description	Orig Dur	Early Start	Early Finish
0001	NTP: 03/15/2017	1d	15MAR17	15MAR17
0002	Project Management	142d	15MAR17	29SEP17
11010	Route and Design Studies	142d	15MAR17	29SEP17
11020	Study Area Map	34d	15MAR17	01MAY17
11030	Design Criteria	88d	15MAR17	17JUL17
11040	Route Location Studies	99d	15MAY17	29SEP17
11055	Prelim. Cost Est.	64d	03JUL17	29SEP17
12010	Prelim. ROW Requirements	64d	03JUL17	29SEP17
12020	Conceptual Design Alignment	44d	01AUG17	29SEP17
12025	Socio-Eco and Env. Studies	142d	15MAR17	29SEP17
12026	Data Collection	44d	15MAR17	15MAY17
12030	Field Reconnaisance	5d	05JUN17	09JUN17
12040	Inventory Mapping	97d	15MAR17	28JUL17
12080	Purpose and Need Statement	53d	15MAR17	26MAY17
12090	Env. Constraints Analysis Tech. Report	64d	03JUL17	29SEP17
12100	Public Involvement	142d	15MAR17	29SEP17
12130	Public Involvement Plan	44d	15MAR17	15MAY17
12145	Stakeholder/Property Owner Database	44d	15MAR17	15MAY17
12170	Coordination (Elected Officials/Stakeholders)	129d	03APR17	29SEP17
12180	Technical Work Group 1	1d	16MAY17	16MAY17
12195	Technical Work Group 2	1d	08AUG17	08AUG17
12300	Public Meeting 1	1d	28JUN17	28JUN17
12320	Public Meeting 2	1d	07SEP17	07SEP17



Start date	15MAR17
Finish date	29SEP17
Data date	15MAR17
Run date	01MAR17
Page number	1A

Corridor E1 - WA 1
Work Schedule
BGE, Inc.

Early bar
Progress bar
Critical bar
Summary bar
Start milestone point
Finish milestone point

ATTACHMENT D-FEE SCHEDULE (BROWN & GAY ENGINEERS, INC.)

PRIME PROVIDER NAME: BROWN & GAY ENGINEERS, Inc.
Williamson County
PROJECT NAME: Corridor E1

	CORRIDOR E1																	
	BGE		ATG		IG		POZ		AMA		CAM		CDP		HVJ		TOTAL	
FUNCTION CODE	HOURS	FEES	HOURS	FEES	HOURS	FEES	HOURS	FEES	HOURS	FEES	HOURS	FEES	HOURS	FEES	HOURS	FEES	HOURS	FEES
1) Project Management	526	$105,790 00					16	$2,606 12	8	$1,062 00			38	$4,170 00			590	$113,628 12
2. Route and Design Studies	3,663	$ 604,020 00															3663	$604,020 00
3) Public Involvement	496	$89,140 00											510	$ 54,235 00			1006	$143,375 00
4. Right of Way Mapping	0	$0 00			44	$4,933 00											44	$4,933 00
5. Surveying	52	$7,610 00			79	$9,595 00											131	$17,205 00
6. Schematic Development	0	$0 00															0	$0 00
7. Drainage Study	0	$0 00															0	$0 00
8) Environmental Services	600	$72,200 00					160	$18,979 84	94	$ 9,752 00							854	$100,931 84
9. Geotechnical Services	0	$0 00															0	$0 00
10) Plan Preparation	0	$ -															0	$0 00
11. Permits	0	$ -															0	$0 00
12. Bidding Phase Services	0	$ -															0	$0 00
13) Construction Phase Services	0	$ -															0	$0 00
14. Deliverables	0	$ -															0	$0 00
ODE		$8,641 00						$1,981 63		$114 00				$4,327 00			0	$13,063 83
TOTAL	5,339	$885,401 00	0	$ -	123	$ 14,528 00	176	$23,767 59	102	$ 10,928 00	0	$ -	548	$ 62,732 00	0	$ -	6288	$ 997,356 59

LEGEND:

Brown and Gay Engineers, Inc	BGE
Alliance Transportation Group	ATG
Inland Geodetics	IG
Poznecki-Camarillo, Inc.	POZ
Ama Terra Environmental, Inc.	AMA
Cambrian Environmental	CAM
Concept Development & Planning	CDP
HVJ Associates, Inc.	HVJ

ATTACHMENT D-FEE SCHEDULE (BROWN & GAY ENGINEERS, INC.)

PRIME PROVIDER NAME: BROWN & GAY ENGINEERS, INC

TASK DESCRIPTION	PROJECT DIRECTOR	SR PROJECT MANAGER	SR STRUCT ENGINEER	SENIOR ENGINEER	PROJECT ENGINEER	GRADUATE ENGINEER	SR DESIGN TECH	DESIGN TECH	SR CADD TECH	CADD TECH	ENV CADD MANAGER	ENV TASK LEADER	GIS TECH	JR ENV SCIENTIST	SURVEY RPLS	SURVEY TECH	SURVEY FIELD CREW	CLERICAL	TOTAL LABOR HRS & COSTS	NO OF DWGS	LABOR HRS PER SHEET
1. PROJECT MANAGEMENT																					
COMMUNICATION	40	40	10									12							102		
MONTHLY PROGRESS REPORTS, INVOICES, AND BILLINGS	20	20		20	10							10						20	100		
PROJECT COORDINATION & ADMINISTRATION	20	30	4	20								12						20	106		
PROGRESS/COORDINATION MEETINGS	40	30	4	20	10							17							119		
PROJECT SCHEDULE						20													20		
DELIVERABLES	10	40	4		13													20	84		
																			0		
HOURS SUB TOTALS	130	180	22	80	70	20	0	0	0	0	0	49	0	0	0	0	0	60	611	0	
CONTRACT RATE PER HOUR	240	230	180	205	180	175	140	115	110	90	220	145	120	80	180	105	170	60			
TOTAL LABOR COSTS	$31,200.00	$41,400.00	$3,960.00	$16,400.00	$12,600.00	$3,500.00	$0.00	$0.00	$0.00	$0.00	$0.00	$7,105.00	$0.00	$0.00	$0.00	$0.00	$0.00	$3,600.00	$119,765.00		
% DISTRIBUTION OF STAFFING	5.11%	20.3%	4.2%	11.4%	9.7%	2.8%	0.0%	0.0%	0.0%	0.0%	0.0%	8.7%	0.0%	0.0%	0.0%	0.0%	0.0%	11.4%			
SUBTOTAL 1. PROJECT MANAGEMENT																			**$119,765.00**		

TASK DESCRIPTION	PROJECT DIRECTOR	SR PROJECT MANAGER	SR STRUCT ENGINEER	SENIOR ENGINEER	PROJECT ENGINEER	GRADUATE ENGINEER	SR DESIGN TECH	DESIGN TECH	SR CADD TECH	CADD TECH	ENV CADD MANAGER	ENV TASK LEADER	GIS TECH	JR ENV SCIENTIST	SURVEY RPLS	SURVEY TECH	SURVEY FIELD CREW	CLERICAL	TOTAL LABOR HRS & COSTS	NO OF DWGS	LABOR HRS PER SHEET
2. ROUTE AND DESIGN STUDIES																					
DATA COLLECTION		12	12	12	50	70	80		0										244		
STUDY AREA MAP	8	12		12	50	70	80		16										248		
STAKEHOLDER COORDINATION	60	70		30	50				8										238		
CONSTRAINTS MAP	8	40		60	60	80	100		16										364		
TRAFFIC EVALUATIONS AND PROJECTIONS	8	60		60	120	160	120		8										576		
DESIGN CRITERIA		16		24	60	16			4										110		
ROUTE LOCATION STUDIES	16	60	40	180	240	240	240		16										1032		
PRELIMINARY COST ESTIMATES		30		12	25	30			8										105		
CONCEPTUAL DESIGN ALIGNMENT	8	80	60	60	60	100	100		80										508		
DELIVERABLES		12	6	24	50	80	80		24										238		
																			0		
HOURS SUB TOTALS	128	412	118	414	715	826	720	0	388	0	0	0	0	0	0	0	0	0	3721		
CONTRACT RATE PER HOUR	240	230	180	205	180	175	140	115	110	90	220	145	120	80	180	105	170	60			
TOTAL LABOR COSTS	$30,720.00	$94,760.00	$21,240.00	$84,870.00	$128,700.00	$144,550.00	$100,800.00	$0.00	$42,680.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$648,320.00		
% DISTRIBUTION OF STAFFING	3.44%	11.25%	2.81%	11.24%	20.61%	22.95%	21.29%	0.00%	4.74%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
SUBTOTAL 2. ROUTE AND DESIGN STUDIES																			**$648,320.00**		

TASK DESCRIPTION	PROJECT DIRECTOR	SR PROJECT MANAGER	SR STRUCT ENGINEER	SENIOR ENGINEER	PROJECT ENGINEER	GRADUATE ENGINEER	SR DESIGN TECH	DESIGN TECH	SR CADD TECH	CADD TECH	ENV CADD MANAGER	ENV TASK LEADER	GIS TECH	JR ENV SCIENTIST	SURVEY RPLS	SURVEY TECH	SURVEY FIELD CREW	CLERICAL	TOTAL LABOR HRS & COSTS	NO OF DWGS	LABOR HRS PER SHEET
3. PUBLIC INVOLVEMENT																					
PUBLIC ENGAGEMENT PLAN		20									8								28		
OUTREACH TOOLS											8								8		
STAKEHOLDER OUTREACH AND MEETINGS		80		40	40	40	40				8	24							272		
PUBLIC MEETING/OPEN HOUSE		40		20	40	20	28					20							168		
PROJECT MATERIALS AND TOOLS											8								8		
WEBPAGE											4								4		
DELIVERABLES																			0		
																			0		
HOURS SUB TOTALS	0	150	0	60	80	60	68	0	0	0	36	44	0	0	0	0	0	0	498	0	
CONTRACT RATE PER HOUR	240	230	180	205	180	175	140	115	110	90	220	145	120	80	180	105	170	60			
TOTAL LABOR COSTS	$0.00	$34,500.00	$0.00	$12,300.00	$14,400.00	$10,500.00	$9,520.00	$0.00	$0.00	$0.00	$7,920.00	$6,380.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$95,520.00		
% DISTRIBUTION OF STAFFING	0.00%	20.24%	0.00%	12.10%	16.13%	12.10%	11.11%	0.00%	0.00%	0.00%	7.26%	6.81%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
SUBTOTAL 3. PUBLIC INVOLVEMENT																			**$95,520.00**		

ATTACHMENT D-FEE SCHEDULE (BROWN & GAY ENGINEERS, INC.)

PRIME PROVIDER NAME: BROWN & GAY ENGINEERS, INC

TASK DESCRIPTION	PROJECT DIRECTOR	SR PROJECT MANAGER	SR STRUCT ENGINEER	SENIOR ENGINEER	PROJECT ENGINEER	GRADUATE ENGINEER	SR DESIGN TECH	DESIGN TECH	SR CADD TECH	CADD TECH	ENV QA/QC MANAGER	ENV TASK LEADER	GIS TECH	JR ENV SCIENTIST	SURVEY RPLS	SURVEY TECH	SURVEY FIELD CREW	CLERICAL	TOTAL LABOR HRS & COSTS	NO OF DWGS	LABOR HRS PER SHEET
6. SURVEYING																					
RIGHT OF ENTRY																			0		
FIELD SURVEYING															2	6	20		28		
DELIVERABLES															8	16			24		
																			0		
HOURS SUB TOTALS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	22	20	0	52	0	
CONTRACT RATE PER HOUR	260	220	260	205	160	135	140	115	110	80	220	145	100	80	150	105	170	80			
TOTAL LABOR COSTS	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$1,500.00	$2,310.00	$3,400.00	$0.00	$7,210.00		
% DISTRIBUTION OF STAFFING	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	19.23%	42.31%	38.46%	0.00%			
SUBTOTAL 6. SURVEYING																			$7,210.00		

TASK DESCRIPTION	PROJECT DIRECTOR	SR PROJECT MANAGER	SR STRUCT ENGINEER	SENIOR ENGINEER	PROJECT ENGINEER	GRADUATE ENGINEER	SR DESIGN TECH	DESIGN TECH	SR CADD TECH	CADD TECH	ENV QA/QC MANAGER	ENV TASK LEADER	GIS TECH	JR ENV SCIENTIST	SURVEY RPLS	SURVEY TECH	SURVEY FIELD CREW	CLERICAL	TOTAL LABOR HRS & COSTS	NO OF DWGS	LABOR HRS PER SHEET
8. ENVIRONMENTAL SERVICES																					
PRELIMINARY ENVIRONMENTAL ANALYSIS		30																			
COMMUNITY IMPACT ASSESSMENT FOR THE RECOMMENDED ALTERNATIVE											20	200	110	200				40	600	N/A	N/A
ARCHEOLOGICAL RESOURCES ASSESSMENT FOR THE RECOMMENDED ALTERNATIVE																			0		
HISTORIC PROPERTIES ASSESSMENT FOR THE RECOMMENDED ALTERNATIVE																			0		
WATER RESOURCES ASSESSMENT FOR THE RECOMMENDED ALTERNATIVE																			0		
BIOLOGICAL RESOURCES ASSESSMENT FOR THE RECOMMENDED ALTERNATIVE																			0		
AIR QUALITY ASSESSMENT FOR THE RECOMMENDED ALTERNATIVE																			0		
HAZARDOUS MATERIALS INITIAL SITE ASSESSMENT FOR THE RECOMMENDED ALTERNATIVE																			0		
TRAFFIC NOISE ASSESSMENT FOR THE RECOMMENDED ALTERNATIVE																			0		
SUMMARY OF THE ENVIRONMENTAL STUDIES FOR NEPA LINKAGE																			0		
																			0		
HOURS SUB TOTALS	0	30		0	0	0	0	0	0	0	20	200	110	200				40	600	0	#DIV/0!
CONTRACT RATE PER HOUR	260	220	260	205	160	135	140	115	110	80	220	145	100	80	150	105	170	80			
TOTAL LABOR COSTS	$0.00	$6,600.00		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$4,400.00	$29,000.00	$11,000.00	$16,000.00				$3,200.00	$72,200.00		
% DISTRIBUTION OF STAFFING	0.00%	[illegible]		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	[illegible]	[illegible]	3.00%	[illegible]				1.00%			
SUBTOTAL 8. ENVIRONMENTAL SERVICES																			$72,200.00		

SUMMARY OF TASKS	# OF UNITS	COST/UNIT	TOTAL MH BY FC	TOTAL COSTS BY FC
1. PROJECT MANAGEMENT			[illegible]	[illegible]
2. ROUTE AND DESIGN STUDIES			[illegible]	[illegible]
3. PUBLIC INVOLVEMENT			[illegible]	[illegible]
4. RIGHT OF WAY MAPPING			0	$0.00
6. SURVEYING			52	$7,210.00
6. SCHEMATIC DEVELOPMENT			0	$0.00
7. DRAINAGE STUDY			0	$0.00
8. ENVIRONMENTAL SERVICES			600	$72,200.00
9. GEOTECHNICAL SERVICES			0	$0.00
10. PLAN PREPARATION			0	$0.00
11. PERMITS			0	$0.00
12. BIDDING PHASE SERVICES			0	$0.00
13. CONSTRUCTION PHASE SERVICES			0	$0.00
14. DELIVERABLES			0	$0.00
SUBTOTAL LABOR EXPENSES			[illegible]	$878,780.00
OTHER DIRECT EXPENSES (COMPLETE IN ACCORDANCE WITH YOUR CONTRACT)	**# OF UNITS**	**COST/UNIT**		
Air Travel	2	$ 800.00		$1,600.00
Mileage (# of miles) (current state rate)	1,000	$0.535		[illegible]
Per diem	6	$36.00		[illegible]
Hotel	2	$125.00		[illegible]
GPS Rental	4	$100.00		$400.00
GEOUT (field)	4	$45.00		$180.00
GeoSearch	2	$1,000.00		$2,000.00
Foam Board Exhibit (36X48)	10	$50.00		$500.00
Photocopies B/W (11 X 17)	250	$0.30		$75.00
CD Archive	2	$5.00		$10.00
Photocopies Color (8.5 X 11)	250	$1.50		$375.00
Photocopies Color (11 X 17)	250	$2.00		$500.00
				$0.00
SUBTOTAL DIRECT EXPENSES				[illegible]

SUMMARY	
TOTAL COSTS FOR PRIME ONLY	$878,780.00
NON SALARY (OTHER DIRECT EXPENSES) FOR PRIME ONLY	$6,641.00
GRAND TOTAL	[illegible]

ATTACHMENT D-FEE SCHEDULE (Alliance Transportation Group)

PRIME PROVIDER NAME: Brown & Gay Engineers, Inc.

TASK DESCRIPTION	PROJECT PRINCIPAL	Sr PROJECT MANAGER	SENIOR ENGINEER	PROJECT ENGINEER	EIT	SENIOR ENGINEERING TECH	ENGINEERING TECH	PLANNING DIRECTOR	SR TRAVEL DEMAND MODELER	TRAVEL DEMAND MODELER III	TRAVEL DEMAND MODELER II	SENIOR PLANNER	PLANNER II	PLANNER I	PROJECT ADMIN	CLERICAL	TOTAL LABOR HRS & COSTS	NO OF DWGS	LABOR HRS PER SHEET
2. ROUTE AND DESIGN STUDIES																			
DATA COLLECTION																			
STAKEHOLDER COORDINATION																	0		
CONSTRAINTS MAP																	0		
																	0		
																	0		
HOURS SUB-TOTALS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
CONTRACT RATE PER HOUR	250	244	193	144	101	133	90	230	182	137	117	163	125	85	104	85			
TOTAL LABOR COSTS	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		
% DISTRIBUTION OF STAFFING																			
SUBTOTAL 2. ROUTE AND DESIGN STUDIES																	$0.00		

TASK DESCRIPTION	PROJECT PRINCIPAL	Sr PROJECT MANAGER	SENIOR ENGINEER	PROJECT ENGINEER	EIT	SENIOR ENGINEERING TECH	ENGINEERING TECH	PLANNING DIRECTOR	SR TRAVEL DEMAND MODELER	TRAVEL DEMAND MODELER III	TRAVEL DEMAND MODELER II	SENIOR PLANNER	PLANNER II	PLANNER I	PROJECT ADMIN	CLERICAL	TOTAL LABOR HRS & COSTS	NO OF DWGS	LABOR HRS PER SHEET
3. PUBLIC INVOLVEMENT																			
PUBLIC MEETING/OPEN HOUSE																			
																	0		
																	0		
HOURS SUB-TOTALS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
CONTRACT RATE PER HOUR	250	244	193	144	101	133	90	230	182	137	117	163	125	85	104	85			
TOTAL LABOR COSTS	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		
% DISTRIBUTION OF STAFFING																			
SUBTOTAL 3. PUBLIC INVOLVEMENT																	$0.00		

TASK DESCRIPTION	PROJECT PRINCIPAL	Sr PROJECT MANAGER	SENIOR ENGINEER	PROJECT ENGINEER	EIT	SENIOR ENGINEERING TECH	ENGINEERING TECH	PLANNING DIRECTOR	SR TRAVEL DEMAND MODELER	TRAVEL DEMAND MODELER III	TRAVEL DEMAND MODELER II	SENIOR PLANNER	PLANNER II	PLANNER I	PROJECT ADMIN	CLERICAL	TOTAL LABOR HRS & COSTS	NO OF DWGS	LABOR HRS PER SHEET
7. DRAINAGE STUDY																			
Drainage Areas																			
Update FEMA Models																	0		
Peak Impact Analysis / Determine Design																	0		
Erosion Protection Design																	0		
Hydraulic Design non-FEMA crossings																	0		
Hydraulic Design FEMA crossings																	0		
Mitigation Recommendations																	0		
Floodplain Volume Calculation																	0		
Floodway Impact Analysis																	0		
FPA Meetings																	0		
Floodway Certification																	0		
Preliminary Grading Plan																	0		
Coordination Meetings																	0		
Draft and Final Drainage Report and Exhibits																	0		
																	0		
																	0		
HOURS SUB-TOTALS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
CONTRACT RATE PER HOUR	250	244	193	144	101	133	90	230	182	137	117	163	125	85	104	85			
TOTAL LABOR COSTS	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		
% DISTRIBUTION OF STAFFING																			
SUBTOTAL 7. DRAINAGE STUDY																	$0.00		

ATTACHMENT D-FEE SCHEDULE (Alliance Transportation Group)

PRIME PROVIDER NAME: Brown & Gay Engineers, Inc.

SUMMARY OF TASKS																TOTAL MH BY FC	TOTAL COSTS BY FC
1. PROJECT MANAGEMENT																	
2. ROUTE AND DESIGN STUDIES																0	$0.00
3. PUBLIC INVOLVEMENT																0	$0.00
4. RIGHT OF WAY MAPPING																0	$0.00
5. SURVEYING																0	$0.00
6. SCHEMATIC DEVELOPMENT																0	$0.00
7. DRAINAGE STUDY																0	$0.00
8. ENVIRONMENTAL SERVICES																0	$0.00
9. GEOTECHNICAL SERVICES																0	$0.00
10. PLAN PREPARATION																0	$0.00
11. PERMITS																0	$0.00
12. BIDDING PHASE SERVICES																0	$0.00
13. CONSTRUCTION PHASE SERVICES																0	$0.00
14. DELIVERABLES																0	$0.00
																0	$0.00
SUBTOTAL LABOR EXPENSES																0	$0.00
OTHER DIRECT EXPENSES (COMPLETED IN ACCORDANCE WITH YOUR CONTRACT)	# OF UNITS	COST/UNIT															
Air Travel																	$0.00
Mileage (# of miles) (current state rate)																	$0.00
Per diem																	$0.00
Hotel																	$0.00
GPS Rental																	$0.00
GEOKIT (field)																	$0.00
GeoSearch																	$0.00
Foam Board Exhibit (36X48)																	$0.00
Photocopies B/W (11 X 17)																	$0.00
White Mylar (11 X 17)																	$0.00
CD Archive																	$0.00
Photocopies Color (8.5 X 11)																	$0.00
Photocopies Color (11 X 17)																	$0.00
SUBTOTAL DIRECT EXPENSES																	$0.00
																	$0.00

SUMMARY	
TOTAL COSTS FOR ATG ONLY	$0.00
NON-SALARY (OTHER DIRECT EXPENSES) FOR ATG ONLY	$0.00
GRAND TOTAL	$0.00

ATTACHMENT D-FEE SCHEDULE (IG)

PRIME PROVIDER NAME: Brown & Gay Engineers, Inc.

TASK DESCRIPTION	2-MAN CREW	3-MAN CREW	SURVEY PM	RPLS	1-MAN W/GPS	TECH	GPS TECH	ADMIN								TOTAL LABOR HRS & COSTS	NO OF DWGS	LABOR HRS PER SHEET
4. RIGHT OF WAY MAPPING																		
ROW RESEARCH				2		3										5		
ROW WORKING SKETCH				1		4		1								6		
BOUNDARY FIELD SURVEY	4		1	2	4	1		1								13		
BOUNDARY ANALYSIS				2		4										6		
ROW SCHEMATIC				2		4		1								7		
QA/QC COORDINATION			2	2		2		1								7		
																0		
HOURS SUB-TOTALS	4	0	3	11	4	18	0	4	0	0	0	0	0	0	0	44	0	
CONTRACT RATE PER HOUR	142	185	140	135	120	98	98	54	105	80	220	145	100	90	70			
TOTAL LABOR COSTS	$568.00	$0.00	$420.00	$1,485.00	$480.00	$1,764.00	$0.00	$216.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$4,933.00		
% DISTRIBUTION OF STAFFING	9.09%	0.00%	6.82%	25.00%	9.09%	40.91%	0.00%	9.09%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
SUBTOTAL 4. RIGHT OF WAY MAPPING																$4,933.00		

TASK DESCRIPTION	2-MAN CREW	3-MAN CREW	SURVEY PM	RPLS	1-MAN W/GPS	TECH	GPS TECH	ADMIN								TOTAL LABOR HRS & COSTS	NO OF DWGS	LABOR HRS PER SHEET
5. SURVEYING																		
ADMIN/MOBILIZATION			1	2		1		1								5		
PRIMARY CONTROL	5			1	4	1		1								12		
LIDAR CONTROL TIES	8			2	16	4										30		
EXISTING FILE TRANSLATIONS			1	2		5		1								9		
FIELD SURVEY/GROUND TRUTH	8			3	4	1										16		
DELIVERABLES			1	1		5										7		
																0		
																0		
HOURS SUB-TOTALS	21	0	3	11	24	17	0	3	0	0	0	0	0	0	0	79	0	
CONTRACT RATE PER HOUR	142	185	140	135	120	98	98	54										
TOTAL LABOR COSTS	$2,987.00	$0.00	$420.00	$1,485.00	$2,880.00	$1,666.00	$0.00	$162.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$9,595.00		
% DISTRIBUTION OF STAFFING	26.58%	0.00%	3.80%	13.92%	30.38%	21.52%	0.00%	3.80%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
SUBTOTAL 5. SURVEYING																$9,595.00		

SUMMARY OF TASKS																TOTAL MH BY FC	TOTAL COSTS BY FC
1. PROJECT MANAGEMENT																0	$0.00
2. ROUTE AND DESIGN STUDIES																0	$0.00
3. PUBLIC INVOLVEMENT																0	$0.00
4. RIGHT OF WAY MAPPING	4	0	3	11	4	18	0	4								44	$4,933.00
5. SURVEYING	21	0	3	11	24	17	0	3								79	$9,595.00
6. SCHEMATIC DEVELOPMENT																0	$0.00
7. DRAINAGE STUDY																0	$0.00
8. ENVIRONMENTAL SERVICES																0	$0.00
9. GEOTECHNICAL SERVICES																0	$0.00
10. PLAN PREPARATION																0	$0.00
11. PERMITS																0	$0.00
12. BIDDING PHASE SERVICES																0	$0.00
13. CONSTRUCTION PHASE SERVICES																0	$0.00
14. DELIVERABLES																0	$0.00
SUBTOTAL LABOR EXPENSES	25	0	6	22	28	35	0	7								123	$14,528.00

ATTACHMENT D-FEE SCHEDULE (IG)

PRIME PROVIDER NAME: Brown & Gay Engineers, Inc.

OTHER DIRECT EXPENSES (SUPPLY IS IN ACCORDANCE WITH YOUR CONTRACT)	# OF UNITS	COST/UNIT														
Air Travel																
Mileage (# of miles) (current state rate)																$0.00
Per diem																$0.00
Hotel																$0.00
GPS Rental																$0.00
GEOKIT (field)																$0.00
GeoSearch																$0.00
Foam Board Exhibit (36X48)																$0.00
Photocopies B/W (11 X 17)																$0.00
White Mylar (11 X 17)																$0.00
CD Archive																$0.00
Photocopies Color (8 5 X 11)																$0.00
Photocopies Color (11 X 17)																$0.00
SUBTOTAL DIRECT EXPENSES																$0.00
																$0.00

SUMMARY	
TOTAL COSTS FOR PRIME ONLY	$14,528.00
NON-SALARY (OTHER DIRECT EXPENSES) FOR PRIME ONLY	$0.00
GRAND TOTAL	$14,528.00

ATTACHMENT D-FEE SCHEDULE (Pozneckl-Camarillo, Inc.)

PRIME PROVIDER NAME: Brown & Gay Engineers, Inc.

TASK DESCRIPTION	PRINCIPAL	SR PROJECT MANAGER	SENIOR ENGINEER	ENGINEER I	SENIOR ENGINEER TECH	SR ENV SPECIALIST	ENV SPECIALIST	SR ENV PLANNER	ENV PLANNER	PUBLIC INVOLVEMENT MANAGER	PUBLIC INVOLVEMENT SPECIALIST	NOISE ANALYST	AIR QUALITY EXPERT	GIS SPECIALIST	TECHNICAL EDITOR	FIELD TECHNICIAN	OFFICE ADMIN	CLERICAL	TOTAL LABOR HRS & COSTS	NO OF DWGS	LABOR HRS PER SHEET
1. PROJECT MANAGEMENT																					
COMMUNICATION		1						1											2		
MONTHLY PROGRESS REPORTS, INVOICES AND BILLINGS	4	4																	8		
QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PLAN																			0		
PROJECT COORDINATION & ADMINISTRATION		1						1											2		
PROGRESS/COORDINATION MEETINGS		1						1											2		
PROJECT SCHEDULE		1																	1		
DELIVERABLES								1											1		
																			0		
HOURS SUB-TOTALS	4	8	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	16	0	
CONTRACT RATE PER HOUR	205.79	170	172.42	133.49	82.7	111.24	103	105.74	111.24	155.74	103	111.24	111.24	103	87.58	75.73	68.74	51.6			
TOTAL LABOR COSTS	$823.16	$1,360.00	$0.00	$0.00	$0.00	$0.00	$0.00	$423.96	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$2,608.12		
% DISTRIBUTION OF STAFFING																					
SUBTOTAL 1. PROJECT MANAGEMENT																					
																			$2,608.12		

TASK DESCRIPTION	PRINCIPAL	SR PROJECT MANAGER	SENIOR ENGINEER	ENGINEER I	SENIOR ENGINEER TECH	SR ENV SPECIALIST	ENV SPECIALIST	SR ENV PLANNER	ENV PLANNER	PUBLIC INVOLVEMENT MANAGER	PUBLIC INVOLVEMENT SPECIALIST	NOISE ANALYST	AIR QUALITY EXPERT	GIS SPECIALIST	TECHNICAL EDITOR	FIELD TECHNICIAN	OFFICE ADMIN	CLERICAL	TOTAL LABOR HRS & COSTS	NO OF DWGS	LABOR HRS PER SHEET
2. ENVIRONMENTAL SERVICES																					
PRELIMINARY ENVIRONMENTAL ANALYSIS		12	8				16	16	36					72					160	N/A	N/A
COMMUNITY IMPACT ASSESSMENT FOR THE RECOMMENDED ALTERNATIVE																			0		
ARCHEOLOGICAL RESOURCES ASSESSMENT FOR THE RECOMMENDED ALTERNATIVE																			0		
HISTORIC PROPERTIES ASSESSMENT FOR THE RECOMMENDED ALTERNATIVE																			0		
WATER RESOURCES ASSESSMENT FOR THE RECOMMENDED ALTERNATIVE																			0		
BIOLOGICAL RESOURCES ASSESSMENT FOR THE RECOMMENDED ALTERNATIVE																			0		
AIR QUALITY ASSESSMENT FOR THE RECOMMENDED ALTERNATIVE																			0		
HAZARDOUS MATERIALS INITIAL SITE ASSESSMENT FOR THE RECOMMENDED ALTERNATIVE																			0		
TRAFFIC NOISE ASSESSMENT FOR THE RECOMMENDED ALTERNATIVE																			0		
SUMMARY OF THE ENVIRONMENTAL STUDIES FOR NEPA PACKAGE																			0		
																			0		
HOURS SUB-TOTALS	0	12	8	0	0	0	16	16	36	0	0	0	0	72	0	0	0	0	160	0	#DIV/0!
CONTRACT RATE PER HOUR	205.79	170	172.42	133.49	82.7	111.24	103	105.74	111.24	155.74	103	111.24	111.24	103	87.58	75.73	68.74	51.6			
TOTAL LABOR COSTS	$0.00	$2,040.00	$1,379.36	$0.00	$0.00	$0.00	$1,648.00	$1,691.84	$4,004.64	$0.00	$0.00	$0.00	$0.00	$7,416.00	$0.00	$0.00	$0.00	$0.00	$18,179.84		
% DISTRIBUTION OF STAFFING																					
SUBTOTAL 2. ENVIRONMENTAL SERVICES																					
																			$18,179.84		

ATTACHMENT D-FEE SCHEDULE (Poznecki-Camarillo, Inc.)

PRIME PROVIDER NAME: Brown & Gay Engineers, Inc.

SUMMARY OF TASKS			TOTAL MH BY FC	TOTAL COSTS BY FC
1 PROJECT MANAGEMENT			16	$2,806.12
8 ENVIRONMENTAL SERVICES			160	$18,979.84
SUBTOTAL LABOR EXPENSES			176	$21,785.96
OTHER DIRECT EXPENSES (ODC'S MUST BE IN ACCORDANCE WITH YOUR CONTRACT)	# OF UNITS	COST/UNIT		
Standard Postage		0.40		$0.00
Overnight Mail - letter size		23.75		$0.00
Overnight Mail - oversized box		30		$0.00
CADD Computer		25		$0.00
Courier Services		35		$0.00
Certified Mailings		3.35		$0.00
Photocopies B/W (8 1/2 X 11)	500	0.12		$60.00
Photocopies B/W (11 X 17)	259	0.3		$77.70
Photocopies Color (8 1/2 X 11)	500	1.2		$600.00
Photocopies Color (11 X 17)	125	2		$250.00
Cardstock Color (8 1/2 X 11)		1.1		$0.00
Shading Prints (23 X 38)		5		$0.00
Bond Paper Plot (Shading/Stackline)		0.25		$0.00
Plots (B/W on Bond)		0.6		$0.00
Plots (Color on Bond)		1.5		$0.00
Plots (Color on Photographic Paper)		3.84		$0.00
Color Graphics on Foam Board	5	75		$375.00
Color Graphics on Foam Board		8.6		$0.00
Presentation Boards 30" X 40" Color Mounted		100		$0.00
Word Processing		15		$0.00
CDs		4.6		$0.00
DVD		21.42		$0.00
Historical Aerial & Topographical Images		75		$0.00
Aerial Photographs (1" = 500' scale)		100		$0.00
Hazardous Materials Database Search	1	500		$500.00
Backhoe Rental		1200		$0.00
GPS Receiver		25		$0.00
GPS Rental		75		$0.00
ATV Rental		100		$0.00
Environmental Field Supplies (lathes, stakes, flagging, spray paint, etc.)		150		$0.00
Traffic Control		150		$0.00
Legal Advertisement- Regional Newspaper		800		$0.00
Legal Advertisement- Local Newspaper		6500		$0.00
Court Reporter		800		$0.00
Court Reporter		9		$0.00
Law Enforcement/Uniform Officer		100		$0.00
Custodian for Public Involvement		100		$0.00
Public Involvement Facility Rental		35		$0.00
Public Involvement Meeting Supplies		1200		$0.00
Professional Narrator for Public Involvement		300		$0.00
Translator (English to Spanish, other language as appropriate, or Sign Language)		150		$0.00
Audio - Visual Equipment Rental		110		$0.00
Audio - Visual Equipment Rental		300		$0.00
Audio - Equipment Rental		300		$0.00
Electronic Message Boards		750		$0.00
Foam Core Drymount Exhibits		5		$0.00
Lamination		3		$0.00
Report 3-Ring Binding		5		$0.00
Nomo Meter Rental		110		$0.00
Wetland Delineation Field Supplies		20		$0.00
Oil and Gas records		80		$0.00
Chain of Title Search		250		$0.00
GIS Constraints Data		100		$0.00
USDA Digital Aerial Photographs		50		$0.00
Biological Consultation		46		$0.00
Archaeological Consultation		117.74		$0.00
Resource Agency Search		30		$0.00
Maps		30		$0.00
TARL Research Fees		38		$0.00
TARL Curation Fees (drawer plus perpetuity fees)		3270		$0.00
Generator rental		50		$0.00
Downhole camera rental		50		$0.00
Jackhammer rental		50		$0.00
Hammerdrill rental		30		$0.00
Field Vehicle		100		$0.00
Lodging (for overnight travel, NTE State rates)		91		$0.00
Hotel Taxes (State, City, & Local) (15%)		15.9		$0.00
Meals (without overnight stay)	1	36		$36.00
Meals (with overnight stay, NTE State rates)		51		$0.00
Vehicle Mileage (NTE State reimbursement rate)	155	0.535		$82.93
Rental car (NTE $50/day base rate)		50		$0.00
Rental car (taxes and fees at cost)		10		$0.00
Airfare (standard coach rate at cost)		550		$0.00
Parking		8		$0.00
Gasoline		3.7		$0.00
SUBTOTAL DIRECT EXPENSES				$1,981.63

SUMMARY	
TOTAL COSTS FOR POZ ONLY	$21,785.96
NON-SALARY (OTHER DIRECT EXPENSES) FOR POZ ONLY	$1,981.63
GRAND TOTAL	$23,767.59

ATTACHMENT D-FEE SCHEDULE (AmaTerra Environmental, Inc.)

PRIME PROVIDER NAME: Brown & Gay Engineers, Inc.

TASK DESCRIPTION	PRINCIPAL	PROJECT MANAGER	HISTORICAL ARCHITECT/ HISTORIAN IV	ARCHITECTURAL HISTORIAN/ HISTORIAN III	ARCHITECTURAL HISTORIAN/ HISTORIAN II	ARCHITECTURAL HISTORIAN/ HISTORIAN I	ARCHEOLOGIST V/ PRINCIPAL INVESTIGATOR	ARCHEOLOGIST IV/ PROJECT ARCHEOLOGIST	ARCHEOLOGIST III/ FIELD DIRECTOR	ARCHEOLOGIST II/ CREW CHIEF	ARCHEOLOGIST I/ TECH	GIS SPECIALIST	GIS TECH	EDITOR	ADMIN/ DOCUMENT PRODUCTION	CLERICAL	TOTAL $ COSTS	NO OF DWGS	LABOR HRS PER SHEET
1. PROJECT MANAGEMENT																			
COMMUNICATION		1															1		
MONTHLY PROGRESS REPORTS, INVOICES, AND BILLINGS		1													1		2		
QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PLAN		1															1		
PROJECT COORDINATION & ADMINISTRATION																	0		
PROGRESS/COORDINATION MEETINGS			4														4		
PROJECT SCHEDULE																	0		
DELIVERABLES																	0		
																	0		
HOURS SUB-TOTALS	0	3	4	0	0	0	0	0	0	0	0	0	0	0	1	0	8	0	
CONTRACT RATE PER HOUR	$ 216.00	$ 142.00	$ 137.00	$ 104.00	$ 87.00	$ 70.00	$ 126.00	$ 109.00	$ 73.00	$ 88.00	$ 64.00	$ 64.00	$ 64.00	$ 87.00	$ 89.00	$ 47.00			
TOTAL LABOR COSTS	$0.00	$426.00	$548.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$89.00	$0.00	$1,063.00		
% DISTRIBUTION OF STAFFING	0.0%	37.5%	50.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	12.5%	0.0%			
SUBTOTAL 1. PROJECT MANAGEMENT																	$1,063.00		

TASK DESCRIPTION	PRINCIPAL	PROJECT MANAGER	HISTORICAL ARCHITECT/ HISTORIAN IV	ARCHITECTURAL HISTORIAN/ HISTORIAN III	ARCHITECTURAL HISTORIAN/ HISTORIAN II	ARCHITECTURAL HISTORIAN/ HISTORIAN I	ARCHEOLOGIST V/ PRINCIPAL INVESTIGATOR	ARCHEOLOGIST IV/ PROJECT ARCHEOLOGIST	ARCHEOLOGIST III/ FIELD DIRECTOR	ARCHEOLOGIST II/ CREW CHIEF	ARCHEOLOGIST I/ TECH	GIS SPECIALIST	GIS TECH	EDITOR	ADMIN/ DOCUMENT PRODUCTION	CLERICAL	TOTAL LABOR HRS & COSTS	NO OF DWGS	LABOR HRS PER SHEET
2. ENVIRONMENTAL SERVICES																			
PRELIMINARY ENVIRONMENTAL ANALYSIS	2	23		10	10		4		10	10		2	4		2		77	N-A	N-A
COMMUNITY IMPACT ASSESSMENT FOR THE RECOMMENDED ALTERNATIVE																	0		
ARCHEOLOGICAL RESOURCES ASSESSMENT FOR THE RECOMMENDED ALTERNATIVE																	0		
HISTORIC PROPERTIES ASSESSMENT FOR THE RECOMMENDED ALTERNATIVE																	0		
WATER RESOURCES ASSESSMENT FOR THE RECOMMENDED ALTERNATIVE																	0		
BIOLOGICAL RESOURCES ASSESSMENT FOR THE RECOMMENDED ALTERNATIVE																	0		
AIR QUALITY ASSESSMENT FOR THE RECOMMENDED ALTERNATIVE																	0		
HAZARDOUS MATERIALS INITIAL SITE ASSESSMENT FOR THE RECOMMENDED ALTERNATIVE																	0		
TRAFFIC NOISE ASSESSMENT FOR THE RECOMMENDED ALTERNATIVE																	0		
SUMMARY OF THE ENVIRONMENTAL STUDIES FOR NEPA LINKAGE																	0		
																	0		
HOURS SUB-TOTALS	2	23	0	10	10	0	4	0	10	10	0	2	4	0	2	0	84	0	#DIV/0!
CONTRACT RATE PER HOUR	$ 216.00	$ 142.00	$ 137.00	$ 104.00	$ 87.00	$ 70.00	$ 126.00	$ 109.00	$ 73.00	$ 88.00	$ 64.00	$ 64.00	$ 64.00	$ 87.00	$ 89.00	$ 47.00			
TOTAL LABOR COSTS	$432.00	$3,266.00		$1,040.00	$870.00	$0.00	$504.00	$0.00	$730.00	$880.00	$0.00	$128.00	$272.00	$0.00	$178.00	$0.00	$8,752.00		
% DISTRIBUTION OF STAFFING	2.4%	37.5%	0.0%	11.9%	11.9%	0.0%	100.0%	0.0%	11.9%	23.8%	0.0%	2.4%	4.8%	0.0%	2.4%	0.0%			
SUBTOTAL 2. ENVIRONMENTAL SERVICES																	$8,752.00		

SUMMARY OF TASKS																TOTAL MH BY PC	TOTAL COSTS BY PC
1. PROJECT MANAGEMENT																8	$1,062.00
2. ENVIRONMENTAL SERVICES																84	$9,752.00
SUBTOTAL LABOR EXPENSES																153	$10,814.00
OTHER DIRECT EXPENSES (COMPLETE IN ACCORDANCE WITH YOUR CONTRACT)	# OF UNITS	CONTAINT															
Air Travel																	$0.00
Mileage (# of miles) (current state rate)	100	$0.540															$54.00
Per diem																	$0.00
Hotel																	$0.00
GPS Rental																	$0.00
DEOUT (hotel)																	$0.00
Deadsearch																	$0.00
Backhoe	0	$1,000.00															$0.00
Foam Board (+Mat (36X48)																	
Photocopies B&W (11 X 17)																	$0.00
White Mylar (11 X 17)																	$0.00
CD Archive																	$0.00
Photocopies B&W @ 8 X 11)	100	$0.10															$0.00
Photocopies Color (11 X 8.5)	50	$1.00															$50.00
SUBTOTAL DIRECT EXPENSES																	$104.00

SUMMARY	
TOTAL COSTS FOR AMATERRA	$10,814.00
NON-SALARY (OTHER DIRECT EXPENSES) FOR AMATERRA	$114.00
GRAND TOTAL	$10,928.00

ATTACHMENT D-FEE SCHEDULE (CAM)

PRIME PROVIDER NAME: Brown & Gay Engineers, Inc.

SUMMARY	
TOTAL COSTS FOR CAM ONLY	$0.00
NON-SALARY (OTHER DIRECT EXPENSES) FOR CAM ONLY	$0.00
GRAND TOTAL	$0.00

ATTACHMENT D-FEE SCHEDULE (Concept Development & Planning, LLC)

PRIME PROVIDER NAME: Brown & Gay Engineers, Inc.
CONTRACT NUMBER:
PROJECT NAME: Corridor E1
WORK AUTHORIZATION NO. 1

TASK DESCRIPTION	Principal	Project	Senior Media Specialist	Senior Public Involvement Specialist	Public Involvement Specialist	Senior Graphic Design & Web Developer	Graphic Design & Web Developer	Junior Public Involvement Specialist	Admin Clerical	TOTAL LABOR HRS. & COSTS	NO OF DWGS	LABOR HRS PER SHEET
1. PROJECT MANAGEMENT												
Project coordination meetings and updates	7	7						7				
Monthly status reports and invoices	3				7			7				
HOURS SUB-TOTALS	10	7	0	0	7	0	0	14	0	38		
CONTRACT RATE PER HOUR (use the loaded rate in the contract which includes base hourly rate, overhead and profit)	165	130	115	115	100	90	65	65	50			
TOTAL LABOR COSTS	$1,650.00	$910.00	$0.00	$0.00	$700.00	$0.00	$0.00	$910.00	$0.00	$4,170.00		
% DISTRIBUTION OF STAFFING	26.3%	18.4%	0.0%	0.0%	18.4%	0.0%	0.0%	36.8%	0.0%			
SUBTOTAL 1. PROJECT MANAGEMENT										$4,170.00		

TASK DESCRIPTION	Principal	Project	Senior Media Specialist	Senior Public Involvement Specialist	Public Involvement Specialist	Senior Graphic Design & Web Developer	Graphic Design & Web Developer	Junior Public Involvement Specialist	Admin Clerical	TOTAL LABOR HRS. & COSTS	NO OF DWGS	LABOR HRS PER SHEET
3. PUBLIC INVOLVEMENT (FC 120)												
Public Involvement Plan												
Research and Draft Plan Development	4	4						4				
Revisions and Final Plan		2						2				
Outreach Tools												
Develop and maintain stakeholder database		2			8			16	8			
Develop and distribute up to 4 email updates (outside of meeting notices)		2			4	3		4				
Communications and responses to stakeholders	10	20			20							
Stakeholder Outreach and Meetings												
Identify and reach out to stakeholders	2	4			4			12				
Coordinate and facilitate meetings (up to 3 rounds of outreach)	24	24			16			16				
Document meetings	4	8			8			4				
Public Meetings (2 meetings)												
Meeting planning (logistics, location, facility prep)	2	4			16			16	4			
Meeting announcements		4			4	8		16	4			
Meeting facilitation	8	8			12			12				
Meeting materials (invite, PPT, exhibits, signage)	4	8			8	16		4				
Summary Report and Analysis	8	10	4		10			4	4			
Project Materials and Tools												
Illustrations to share project information	2	2	4			8						
Handouts, flyers, FAQs, or factsheets	4	4				8						
Webpage												
Develop draft content	2		4		4							
Monthly updates to content as needed		2			2	8						
Media Outreach												
Up to two media releases	2		4									
Content for social media posts	1		4			4						
Development of three display advertisements	1		3			4						
HOURS SUB-TOTALS	78	108	23	0	114	57	0	110	20	510		
CONTRACT RATE PER HOUR (use the loaded rate in the contract which includes base hourly rate, overhead and profit)	165	130	115	115	100	90	65	65	50			
TOTAL LABOR COSTS	$12,870.00	$14,040.00	$2,645.00	$0.00	$11,400.00	$5,130.00	$0.00	$7,150.00	$1,000.00	$54,235.00		
% DISTRIBUTION OF STAFFING	15.29%	21.18%	4.51%	0.00%	22.35%	11.18%	0.00%	21.57%	3.92%			
SUBTOTAL 3. PUBLIC INVOLVEMENT										$54,235.00		

ATTACHMENT D-FEE SCHEDULE (Concept Development & Planning, LLC)

PRIME PROVIDER NAME: Brown & Gay Engineers, Inc.

DESCRIPTION										TOTAL COSTS BY FC
PROJECT MANAGEMENT (FC 164)										$4,170.00
ENVIRONMENTAL STUDIES AND PUBLIC INVOLVEMENT (FC 120)										$54,235.00
SUBTOTAL LABOR EXPENSES										$58,406.00
OTHER DIRECT EXPENSES (COMPLETE IN ACCORDANCE WITH YOUR CONTRACT)	# OF UNITS					COST/UNIT				
Air Travel										$0.00
Mileage (# of miles) (current state rate)	1,000					$0.535				$535.00
Corrugated Meeting Signs	20					$25.00				$500.00
Foam Boards	10					$70.00				$700.00
Postage	800					$0.49				$392.00
Photocopies B/W (8.5x11)	100					$0.10				$10.00
Photocopies B/W (11 X 17)	100					$0.20				$20.00
Photocopies Color (8.5 X 11)	600					$0.40				$240.00
Photocopies Color (11 X 17)	225					$0.80				$180.00
Venue Rental	2					$125.00				$250.00
AV Rental (Estimate)	2					$150.00				$300.00
Misc. (meeting supplies, signage, etc.)	2					$100.00				$200.00
Advertisements (Estimate)	4					$250.00				$1,000.00
SUBTOTAL DIRECT EXPENSES										$4,327.00

SUMMARY	
TOTAL COSTS FOR CDP ONLY	$ 58,406.00
NON-SALARY (OTHER DIRECT EXPENSES) FOR CDP ONLY	$4,327.00
GRAND TOTAL	$62,732.00

ATTACHMENT D-FEE SCHEDULE (HVJ)

PRIME PROVIDER NAME: Brown & Gay Engineers, Inc.

SUMMARY	
TOTAL COSTS FOR HVJ ONLY	$0.00
NON-SALARY (OTHER DIRECT EXPENSES) FOR HVJ ONLY	$0.00
GRAND TOTAL	$0.00