

**GENERAL MEETING OF THE BOARD OF DIRECTORS  
OF THE  
CENTRAL TEXAS REGIONAL MOBILITY AUTHORITY**

**RESOLUTION NO. 08-52**

WHEREAS, the Central Texas Regional Mobility Authority ("CTRMA") was created pursuant to the request of Travis and Williamson Counties and in accordance with provisions of the Transportation Code and the petition and approval process established in 43 Tex. Admin. Code § 26.01, *et. seq.* (the "RMA Rules"); and

WHEREAS, the CTRMA identified the proposed 183-A turnpike as its initial project in the petition filed under the RMA Rules; and

WHEREAS, the CTRMA has approved various work authorizations for its General Engineering Consultant (the "GEC") to pursue work necessary for the development of 183-A; and

WHEREAS, in Resolution No. 03-46, dated September 24, 2003, the CTRMA Board of Directors approved Work Authorization No. 3.1 concerning project office operations, administrative support, and core staff services related to project development; and

WHEREAS, in prior Resolutions the CTRMA Board of Directors has approved various Supplements to Work Authorization 3.1; and

WHEREAS, the GEC has requested approval of Supplement 12 to Work Authorization No. 3.1 related to providing certain GIS services to the CTRMA through August 31, 2009; and

WHEREAS, the GEC has represented to the Board of Directors that the work reflected in Supplement No. 12 to Work Authorization No. 3.1, attached hereto as Attachment "A", and the cost thereof is necessary and appropriate to pursue the operation of the CTRMA and the development of various CTRMA turnpike projects.


NOW THEREFORE, BE IT RESOLVED, that the Board of Directors approves Supplement No. 12 to Work Authorization No. 3.1, attached hereto as Attachment "A", provided that any work commenced under the Supplement No. 12 to Work Authorization No. 3.1 be subject to the Agreement for General Consulting Civil Engineering Services between the CTRMA and the GEC.

Adopted by the Board of Directors of the Central Texas Regional Mobility Authority on the 27th day of August, 2008.

Submitted and reviewed by:

  
\_\_\_\_\_  
Tom Nielson  
General Counsel for the Central  
Texas Regional Mobility Authority

Approved:

  
\_\_\_\_\_  
Robert E. Tesch  
Chairman, Board of Directors  
Resolution Number 08-52  
Date Passed 8-27-08

**ATTACHMENT "A"  
TO  
RESOLUTION 08-52**

**Supplement No. 12 to GEC Work Authorization 3.1**

**EXHIBIT B**

**WORK AUTHORIZATION NO. 3.1 – SUPPLEMENT NO. 12**

This Supplement No. 12 to Work Authorization No. 3.1 is made this \_\_\_ day of August, 2008, under the terms and conditions established in the AGREEMENT FOR GENERAL CONSULTING ENGINEERING SERVICES, dated as of September 15th, 2003 (the Agreement), between the Central Texas Regional Mobility Authority (Authority) and HNTB Corporation (GEC). This Supplement Work Authorization is made for the following purpose, consistent with the Services defined in the Agreement:

*General Engineering and Administrative Support Services*

The following terms and conditions of Work Authorization No. 3.1 are hereby amended, as follows:

**Section A. - Scope of Services**

A.1. GEC shall perform the following Services:

Please reference Attachment A – Scope of Work

A.2. The following Services are not included in this Supplement No. 12 to Work Authorization No. 3.1, but shall be provided as Additional Services if authorized or confirmed in writing by the Authority.

N/A

A.3. In conjunction with the performance of the foregoing Services, GEC shall provide the following submittals/deliverables (Documents) to the Authority:

As set forth in Attachment A - Scope of Work

**Section B. - Schedule**

GEC shall perform the Services and deliver the related Documents (if any) according to the following schedule:

Services defined herein are expected to be substantially complete by August 31, 2009. This Supplement to Work Authorization 3.1 will not expire until all tasks associated with the Scope of Services are complete.

**Section C. - Compensation**

C.1. In return for the performance of the foregoing obligations, the Authority shall pay to the GEC the amount not to exceed **\$1,576,060.00**, based on Attachment B – Fee Estimate. Compensation shall be in accordance with the Agreement.

The Authority and the GEC agree that the budget amounts contained in Attachment B-Fee Estimate for the various companies and firms composing the GEC are estimates and that these individual figures may be redistributed and/or adjusted as necessary over the duration of this Work Authorization. The GEC may alter the compensation distribution between tasks or work assignments to be consistent with the Services actually rendered within the total Work Authorization amount. The GEC shall not exceed the maximum amount payable without prior written permission by Owner.

C.2. Compensation for Additional Services (if any) shall be paid by the Authority to the GEC according to the terms of future Work Authorizations.

**Section D. - Authority's Responsibilities**

The Authority shall perform and/or provide the following in a timely manner so as not to delay the Services of the GEC. Unless otherwise provided in this Work Authorization, the Authority shall bear all costs incident to compliance with the following:

As required to perform authorized tasks in a timely fashion.

**Section E. - Other Provisions**

The parties agree to the following provisions with respect to this specific Work Authorization:

N/A

Except to the extent expressly modified herein, all terms and conditions of the Agreement shall continue in full force and effect.

Authority: Central Texas Regional Mobility  
Authority

GEC: HNTB Corporation

By: \_\_\_\_\_

By: Richard L. Ridings, P.E.

Signature: \_\_\_\_\_

Signature: \_\_\_\_\_

Title: \_\_\_\_\_

Title: Vice President

Date: \_\_\_\_\_  
General  
Counsel  
Approval: \_\_\_\_\_

Date: \_\_\_\_\_

## CENTRAL TEXAS RMA

### ATTACHMENT A – SCOPE OF WORK

#### WORK AUTHORIZATION NO. 3.1 – SUPPLEMENT NO. 12

#### SERVICES TO BE PROVIDED BY THE GENERAL ENGINEERING CONSULTANT (GEC)

This scope of work includes the continuation of those professional services and associated deliverables required by the Authority for September 1, 2008 through August 31, 2009.

In summary, this scope will entail those services required to assist the Central Texas Regional Mobility Authority (the Authority) in meeting the Trust Indenture obligations; general engineering assistance; assisting in managing operating and maintenance contracts, support in contract development and review, assisting with technology systems and communications networks management; assisting with environmental support; project development services; assisting with utility and driveway permitting; and supporting public information & community development, as requested.

The tasks in this scope of work will not be performed or the funds utilized until directed by the Authority in writing.

#### 1) TRUST INDENTURE OBLIGATIONS

The GEC serves as the Authority's "General Engineering Consultant" as defined and set forth in the 2005 Bond Trust Indenture for the 183A Project, performing responsibilities of the Consulting Engineers as assigned by the Trust Indenture, the related Bond Resolutions and amending and supplemental resolutions thereto.

These responsibilities include:

- a) In connection with the Authority's acquisition by condemnation, or by a means other than condemnation, of any real property or other property, provide a signed statement certifying that in the GEC's opinion the acquisition of such property is necessary or advisable in connection with the construction, operation or maintenance of the applicable project.
- b) Renewal and Replacement Fund: In conjunction with disbursement of monies held for the credit of the Renewal and Replacement Fund, review and approve payment of the cost of repairs or replacements resulting from an emergency caused by some extraordinary occurrence so characterized by a certificate stating that the monies in the Reserve Fund and insurance proceeds, if any, available therefore are insufficient to meet such emergency. It is assumed that efforts will be limited to one (1) occurrence.

- c) In connection with the Authority's construction of any project, prepare quarterly progress reports in connection with such construction including current projections with respect to:
- (1) the date on which such Project will be opened for traffic, unless such Project shall have been opened for traffic prior to the date of such report;
  - (2) the date on which the construction of such Project will be completed;
  - (3) the Cost of such Project; and
  - (4) the amount of funds required each six months during the remaining estimated period of construction to pay the costs of the Project exclusive of funds provided for construction contingencies, and accompanied by a progress schedule for such construction, and further including, as to construction, comparisons between the actual times elapsed and the actual costs, and the original estimates of such times and costs. Schedules and projects of the cost to complete will be provided by others.
- d) Reconstruction, Application of Insurance Proceeds; If any material portion of the System shall be damaged or destroyed, the Authority shall, unless the Authority determines that it would not be beneficial to the System, as expeditiously as possible, cause the reconstruction or replacement thereof to be prosecuted continuously and diligently in accordance with plans and specifications approved by the General Engineering Consultant and the Authority if such plans and specifications are deemed necessary by such General Engineering Consultant and the Authority.
- e) In connection with the issuance by the Authority's Traffic Engineers of a certificate regarding a proposed toll collecting plan and/or schedule of rates, issue a certificate stating the opinion of the General Engineering Consultant as to the amount of "Current Expenses" or similar term, as defined in the Trust Agreement, during any pertinent fiscal year or period, assuming that the proposed plan for toll collecting facilities or schedule of rates of tolls had been in effect during such pertinent fiscal year or period.
- f) Review and provide appropriate comments regarding the Authority's Annual Operating Budget prepared by the Authority, all as more specifically described in the Trust Agreement.
- g) Review and provide appropriate comments regarding the Authority's Annual Maintenance Budget prepared by the Authority, all as more specifically described in the Trust Agreement.
- h) Provide appropriate comments regarding the amounts to be established for the Authority's Annual Capital Budget for the ensuing Fiscal Year. The Annual Capital Budget prepared by the Authority will detail the Authority's planned capital expenditures during the ensuing Fiscal Year and the portion of capital expenditures expected to be funded from the Renewal and Replacement Fund. The Annual Capital Budget for each Fiscal Year

shall include the expected beginning balance in the Renewal and Replacement Fund, the amounts to be transferred by the Trustee to the Renewal and Replacement Fund from the Revenue Fund, the amount of proceeds of Obligations expected to become available during the Fiscal Year, and the desired year-end balance in the Renewal and Replacement Fund, and shall be in the amount recommended.

- i) In connection with any notices, reports, or other instruments provided to the GEC by the Authority, the Trustee or others pursuant to the Trust Agreement, review such notices and promptly provide the Authority with appropriate comments. A total of fifty-six (56) hours has been allocated for this task.
- j) Make a visual inspection of the physical condition of all elements of the System following the Substantial Completion of the initial Project funded with the Obligations. Bridge inspections for the National Bridge Inspection Program (NBI), in accordance with applicable Federal law, will be conducted by TxDOT, and it is anticipated that copies of all reports will be provided to CTRMA for their files.
  - (1) Obtain and review existing information pertaining to the conditions of the facilities and shall prepare an annual report identifying the conditions encountered.
  - (2) Refine, as appropriate, inspection procedures which shall be subject to review and approval by the Authority.
  - (3) Establish a detailed schedule for inspection of the facilities subject to the review and approval of the Authority.
- k) Following the inspection and on or before the 90th day prior to the end of the Fiscal Year, submit to the Authority a report setting forth:
  - (1) its findings as to whether the System has been maintained in good repair, working order and condition;
  - (2) its advice and recommendations as to the proper maintenance, repair and operation of the System during the ensuing Fiscal Year; and
  - (3) an estimate of the amount of money necessary for such purposes, including its recommendations as to the total amounts and classifications of items and amounts that should be provided for in the Annual Operating Budget, the Annual Maintenance Budget and Annual Capital Budget for the next ensuing Fiscal Year.

Copies of such reports shall be provided to the Trustee by the Authority.

## **2) GENERAL MEETINGS / REPORTING / ASSISTANCE**

The GEC shall provide General Engineering Assistance, as specifically requested by the Authority. Tasks included under this heading consist of the following:

- a) Attendance at Authority Meetings



- (1) GEC's Project Manager or designated alternate will attend all Board of Directors' Meetings, and a monthly status report of GEC activities will be provided. The Project Manager or designated alternate will be available to respond to questions that may be asked by the Board.
  - (2) Attendance at regularly scheduled and special staff meetings, as requested by the Authority. No attendance is anticipated at meetings of the Committees of the Board, Board and/or Staff workshops at this time.
  - (3) Attendance at regularly scheduled project status review meetings, including preparation of action items, budget status updates, and reporting documentation as may be requested by the Authority.
- b) Consult, advise, and render views on general engineering issues which may arise. It is anticipated that this will require a total of no more than ninety-six (96) hours of effort. Significant efforts would be considered Miscellaneous Assignments as an additional service to the Authority under separate Work Authorizations.
  - c) Represent the Authority at regional task teams meetings, Authority technical and staff meetings, agency coordination meetings, Technical Work Group meetings with TxDOT and/or other parties, and Capitol Area Metropolitan Planning Organization (CAMPO) meetings, and other meetings of governmental or quasi-governmental bodies, as specifically requested by the Authority. Twenty (20) hours are allocated for this task.
  - d) Generate graphs, photographs, charts, computer or audio/visual presentations, or other presentation aides for the Authority, together with papers, reports, and similar items. . Forty (40) hours are allocated for this task.
  - e) Provide Authority engineering personnel with design/drafting assistance, as requested.
  - f) Review and comment, as requested, on Studies, Reports, Construction Documents, Permit Applications, and Environmental Documents for projects which may, as determined by Authority, affect the Toll Road System.
  - g) Apprise the Authority's staff, consultants and/or Board of Directors of recent or innovative developments, trends or significant issues regarding turnpike design, financing or operation that may be applicable to the Authority.
  - h) Perform various engineering assignments of less than one week duration as requested by the Authority. A log of these assignments shall be provided to the Director of Engineering on a monthly basis.
  - i) Perform traffic count surveys to quantify existing travel patterns or changes in traffic patterns as may be warranted by changing development patterns, or as requested by the Authority. It is assumed that no more than two (2) surveys will be required.

### 3) OPERATIONS & MAINTENANCE SUPPORT

- a) Working at the direction of the Authority's Director of Engineering, assist in the continuing development and management of the roadway and facility maintenance for the CTRMA's Toll Road System. The basic tasks for this phase of development of the Maintenance & Operations Plan include the following:
  - i) Continue to provide support to the Authority in the oversight, monitoring and administration of the Interlocal Agreements with TxDOT and local agencies;
  - ii) Review and update estimates of the quantities of the Toll Road System's basic features and components as development of the System continues; and
  - iii) Assist the Authority in administering and managing the maintenance and operations agreements/contracts as appropriate and as requested by the Authority.
- b) Working at the direction of the Authority's Director of Operations, assist in the implementation, development, and management of operations activities of an Operations Plan for the Toll Road System, including toll collection operations, traffic control, traffic enforcement, and incident management. The basic tasks developed for the next phase of development of the Operations Plan for the 183A Turnpike Project consists of the following:
  - i) Assist the Authority in the administration and management of contract operations service activities, as requested; and
  - ii) Prepare updates to the Operations Plan for the Toll Road System as development and implementation of additional toll road projects occur.

### 4) CONTRACT SUPPORT

The GEC shall provide support for the acquisition by the Authority of (1) professional services as defined in Section 2254.001 of the Texas Government Code, or any successor statute thereto, relative to the acquisition of architecture, professional engineering, and land surveying; (2) real estate appraisal, negotiation and other right-of-way services; (3) other contractual services in support of the development of future projects; (4) procurement of goods and other services from vendors; and (5) contracts for performance of selected maintenance and operations activities by private contractors as may be determined appropriate by the Authority.

- a) With respect to assistance for securing professional and other services, these support activities generally will consist of the following specific tasks (up to 2 solicitations):
  - i) Preparation of Scope of Services, including initial draft, revisions and finalized versions;
  - ii) Assistance with solicitation of proposals, including advertising;

- iii) Assistance with proposal evaluations and selection, as requested; and
  - iv) Assistance with contract preparation and administration.
- b) With respect to assistance for procuring goods and other services from vendors, these support activities generally will consist of the following specific tasks (up to 2 procurements):
- i) Preparation of Sketches, specifications etc., including initial draft, revisions and finalized versions for the required goods or services;
  - ii) Assistance with solicitation of quotations, including written and verbal requests;
  - iii) Assistance with quotation evaluations and selection, as requested; and
  - iv) Assistance with purchase order preparation and administration.
- c) Assist the Authority in the solicitation and execution of contracts for performance of selected maintenance activities by private contractors as may be determined appropriate by the Authority (up to 2 contracts).
- i) Preparation of Contract Documents, including initial draft, revisions and finalized versions;
  - ii) Assistance with solicitation for bids, including advertising;
  - iii) Assistance with bid reviews and recommendations, as requested; and
  - iv) Assistance with contract preparation and administration.
- d) Assist the Authority in the solicitation and execution of contracts for performance of selected operations activities by private contractors as may be determined appropriate by the Authority (up to 2 contracts).
- i) Preparation of specifications etc., including initial draft, revisions and finalized versions for the required services;
  - ii) Assistance with solicitation of bids, including advertising;
  - iii) Assistance with bid reviews and recommendation, as requested; and
  - iv) Assistance with contract preparation and administration.
- e) With respect to assistance for preparation of construction contracts, these support activities generally will consist of the following specific tasks (up to 2 contracts):
- i) Assistance with solicitation of bids, including advertising and pre-bid conferences;
  - ii) Assistance with bid reviews and preparation of recommendations; and
  - iii) Assistance with contract preparation and administration.

## 5) TECHNOLOGY AND OPERATIONS OVERSIGHT AND CONSULTING SERVICES

The GEC will continue to assist the Authority, as specifically requested, with general and administrative oversight, systems monitoring, project management, electronic data management, and general technology assistance. This includes creating and reviewing various documents, scheduling and attending all necessary meetings and technical reviews, providing cost control, project coordination, and providing direct support for reporting. In this regard, the GEC will provide technology consulting services and assistance in three specific areas, including General Technology Assistance, GIS Implementation, and ITS/Communications Master Plan.

### General Technology Assistance

- a) Review, comment and resolve technical issues; attend technical reviews; attend coordination meetings; provide software development oversight; provide technical expertise to review products and progress specific to overall systems development, as requested by the Authority.
- b) Provide general technology assistance, as requested by the Authority.
- c) The GEC will support the Authority in developing the toll collection facility communication network between various toll segments, the Authority's Administrative Offices, the Field Operations Building(s), the Customer Service Center (CSC) and the Violation Processing Center (VPC) as the Toll Road system is developed. The intent is to base the development and deployment of the communications network on the Network Master Plan which will be prepared under a separate task in this Work Authorization.

### Enterprise GIS Initiatives 2009

#### a) GIS Strategic Plan and Implementation

The cornerstone of the CTRMA's enterprise GIS initiative is the Needs Assessment, Strategic Plan and Implementation Plan. This living document will identify program goals and link these goals to specific project scopes, data, infrastructure, personnel, long term maintenance and support efforts, and resource requirements. In addition, the Implementation Plan portion of the document will provide a detailed program schedule and timeline of various GIS activities to meet the CTRMA's GIS goals within CTRMA's desired timeframe.

#### b) GIS Data Population

Based upon the previously developed asset inventory data model, GEC will work with CTRMA to develop data standards. These standards will be rolled into the data dictionary and are intended to:

- i) confirm the data elements within the data model;
- ii) confirm the relevance of each data element to the needs of CTRMA;
- iii) confirm the value of each data element by evaluating the relative benefit of the data element to the cost of updating and maintaining that element;

- iv) identify data accuracy requirements; and
- v) identify the frequency and timeliness of data updates.

For each priority asset, a more detailed assessment of future attribute information needs will be performed, as this information will be a key component in the analysis of potential Computerized Maintenance Management System vendors.

Utilizing the same final design files from which the base asset inventory was extracted, ancillary asset information will be imported into the asset inventory data model according to the data standards. The imported asset attribute information will be QA/QC'd back against the original design files and made available via the Intranet-based asset inventory map viewer application. A report will be generated identifying specific assets and asset information for which attribute information is missing.

**c) GIS Application Maintenance and Support**

GEC will work with CTRMA staff to identify and document potential enhancements, and to quantify the development effort required to implement each enhancement. GEC will develop only those enhancements approved by CTRMA within the allocation of development hours provided within this work authorization or any supplemental agreements to this work authorization.

In addition to developing, testing and deploying new functionality, GEC will maintain and support the deployed GIS Intranet-based asset inventory map viewer application. Typical tasks associated with this effort include production environment support, quality assurance associated with releases of enhancements, installment of software patches, application performance tuning and minor application modifications such as changing an asset's symbol or color within the Intranet application.

**d) Computerized Maintenance Management System (CMMS) Software Research**

GEC will assist the CTRMA with defining high-level requirements for a Computerized Maintenance Management System that is best suited to the current and future needs of the CTRMA, its management style and culture. Although this effort will not comprise a detailed needs assessment or return on investment, these requirements will provide enough of a framework to identify potential CMMS vendors with the greatest probability of meeting the anticipated needs of the CTRMA.

With the identification of high-level requirements, GEC will research the existing CMMS software market-place, contact potential vendors, develop a set of general vendor interview questions, and provide CTRMA with a short-list of CMMS software vendors recommended for an on-site software demonstration and interview.

HNTB will coordinate and facilitate the short-listed CMMS vendor demonstration and interview sessions and conduct wrap up sessions with applicable CTRMA staff after each session. Following the completion of the interviews, GEC will develop a final summary

document providing the high-level requirements, industry research and results of the interviews.

**e) GIS Projects and Support**

Several GIS projects will be provided for implementation:

- i) Parcels (US 290 E) – Conversion of parcel and parcel information from dgn to GIS file format. Hours are allocated for the conversion of some parcel related information, outside of parcel geometry, and will be finalized after discussion with CTRMA staff and consultants.
- ii) Capital Project Management Integration – This project will link GIS to the CTRMA's construction and Capital Project Management application(s). This will allow CTRMA to display specific project information through system maps.
- iii) To assist the CTRMA with the numerous ad-hoc data, information and map requests traditionally experienced as this type of GIS data and data accessibility, understanding of GIS and GIS functionality become available, an allotment of GIS Analyst hours have been provided for CTRMA to use at their discretion.

**6) ENVIRONMENTAL SUPPORT**

The GEC will be a resource with respect to environmental planning in project development as early as possible in order to minimize potential project delays. The GEC will support the Authority, as requested, by providing environmental expertise in the following areas:

- a) Oversight and/or preparation of environmental documents related to the Toll Roads Program;
- b) Oversight and/or performance of natural resources surveys, including but not limited to wildlife habitat, threatened and endangered species, wetland delineation, jurisdictional waters and geologic assessments;
- c) Oversight and/or performance of cultural resources surveys including but not limited to historic resources and architectural resources, archeological oversight, and mitigation documentation;
- d) Oversight and/or performance of socio-economic analysis;
- e) Coordination with agencies such as the U.S. Corps of Engineers, US Fish and Wildlife Service, Texas Parks & Wildlife, Texas Historical Commission, Texas Commission on Environmental Quality, Texas Department of Transportation, and Federal Highway Administration; and
- f) Preparation or review of NEPA documents such as Categorical Exclusions, Environmental Assessments, and Environmental Impact Statements;
- g) Database development including geographic information system (GIS) applications.

- h) Attendance at meetings, as requested by the Authority;
- i) Preparation of exhibits for public information and meetings;
- j) Preparation of reports; and
- k) Conduct field visits and evaluations.

## 7) PROJECT ENGINEERING FEASIBILITY SERVICES

### Concept Reports

Concept reports identifying needed improvements and/or repairs will be prepared in a timely manner. These reports are excellent management tools to assist with the programming, budgeting and implementation of required improvement or repair projects. These reports will serve not only to provide upper management with the information required to make appropriate decisions regarding the proposed improvements or developing conditions, but they are a very effective tool to precisely define the necessary scope of the project, thus providing controls for design and construction costs and controlling the overall budgeting process. It is assumed that no more than three (3) projects will be identified. Upon request from the Authority, or upon approval of a Concept Report, the GEC may be directed to proceed with the preparation of the Preliminary Design and/or Final Design of the project.

Preparation of Concept Reports will include but will not be limited to the following tasks:

- a) Prepare Concept Reports identifying proposed improvements or deficient conditions, and proposing appropriate improvements, repairs or rehabilitation as requested by the Authority. The reports shall be presented in the following general manner:
  - Description of general problems and existing conditions.
  - Outline of the investigations and studies.
  - Recommendation required to solve the problem including alternatives considered.
  - Analysis of economic and/or other factors of the alternatives considered.
  - Description of the recommended facilities, including basic data and a general layout drawing showing the relationship of the proposed improvements to the existing facilities. Recommendations regarding operating and maintenance procedures.
  - Estimates of capital, operating, and maintenance costs of the recommended facilities. Schedule for the recommended improvements with staged construction or installation. Conclusions and recommendations.
  - Establish additional criteria and standards if necessary for design.
- b) The GEC will meet with the Director of Engineering or the Director of Operations and/or a representative to review the findings and recommendations of the GEC as set forth in the Concept Report. The Final Report will be presented to the Authority's Executive Director for approval.

## **8) DRIVEWAY PERMITTING**

### **Utility and Driveway Permit Processing**

- a) The GEC will develop a Permitting Fee Schedule.
- b) The GEC will process Utility and Driveway Permits (up to 10 permit applications).
  - i) Assist the Authority with communications to applicants, including transmittal of forms and permitting requirements.
  - ii) Review permit applications and documentation, including requests of additional information and documentation.
  - iii) Prepare recommendation for appropriate response to permit application
  - iv) Follow-up on approved permits, including review of designs, monitoring construction, and documenting conformance with any and all criteria and standards and any specific permit requirements.

## **9) PUBLIC INFORMATION AND COMMUNITY DEVELOPMENT SUPPORT**

The GEC will provide public information and community development support as requested by the Authority. The GEC will assist with preparation of informational materials, arrangements for the public meetings, presentations, and outreach related activities.

### **Outreach Activities**

The GEC will assist with stakeholder meetings and formal presentations at these meetings at the request of the Authority. The GEC will meet with stakeholders as directed by the Authority. The project stakeholders will include neighborhood associations, business groups, civic organizations, and area public officials. The specific tasks will include:

- a) Preparation of exhibits for community meetings including handouts, flyers, maps and posters.
- b) Preparations for community meetings including facility locations, issue identification, research, coordination with the Authority.
- c) Attendance at and conducting community and neighborhood meetings including set up, on-site assistance and follow-up.
- d) Supporting local contractor outreach activities as requested by the Authority, including developing meeting and bid notices, and assisting with meeting coordination and facilitation.
- e) Conducting outreach activities as requested by the Authority, including phone calls, follow-ups, informational research, and interaction with the public.
- f) Preparation of meeting minutes and meeting summaries of stakeholder meetings.

### **Graphics Support**



The GEC will also assist with graphics and audio/visual support as requested by the Authority.

- a) Brochures, Informational Pieces, Presentations
- b) Audio/Visual Productions

**DELIVERABLES:**

- Correspondence for the Authority
- Annual Inspection Report of Conditions
- GEC Annual Report
- Certification of invoices and progress reports
- Reports, exhibits, presentations, and whitepapers as requested
- Documents associated with the Authority's Board meetings
- Monthly invoices
- Monthly progress reports
- Concept Reports (3 Projects)
- GIS Strategic Plan/Implementation Plan
- GIS Asset Management System Report
- GIS Summary Report of CMMS Vendors
- Preliminary and Final drafts of proposals, reports, plans and applications
- Driveway and Utility Permit reviews & recommendations
- Meeting Minutes and Summaries of Stakeholder Meetings
- Public Involvement Information Materials

[ END OF SECTION ]

CTRMA GEC

CTRMA

HINTB Corporation - MANHOUR BREAKDOWN

WORK AUTHORIZATION NO. 3.1

August 15, 2008

**SUMMARY**

SUPPLEMENT NO.12

Task	Fee
Trust Indenture Obligations	\$119,551
General Meetings / Reporting / Assistance	\$364,909
Operations & Maintenance Support	\$144,368
Contract Support	\$133,208
Technology and Operations Oversight	\$432,766
Environmental Support	\$110,957
Project Engineering Feasibility Services	\$144,385
Driveway Permitting	\$101,050
Communications & Community Dev. Support	\$24,866
<b>TOTAL</b>	<b>\$1,576,060</b>

Manhours							
A	B1	B	C	D	E	F1	F
<i>Principal</i>	<i>Technology Expert</i>	<i>Dep PM</i>	<i>Senior Project Engineer</i>	<i>Project Engineer</i>	<i>Technician</i>	<i>Project Administrator</i>	<i>Clerical / Administrative Support</i>
\$ 85.00	\$ 85.00	\$ 71.00	\$ 59.00	\$ 46.00	\$ 34.00	\$ 34.00	\$ 24.00
72	0	172	0	232	96	0	0
278	0	526	0	548	360	528	0
0	0	192	72	240	612	0	0
22	0	112	224	352	0	160	0
0	237	94	628	493	899	0	40
0	0	160	40	212	428	0	0
60	0	288	0	480	0	64	0
44	0	168	80	288	40	0	0
0	0	8	24	44	40	0	44
<b>476</b>	<b>237</b>	<b>1720</b>	<b>1068</b>	<b>2889</b>	<b>2475</b>	<b>752</b>	<b>84</b>

Labor Costs	\$ 40,460	\$ 20,145	\$ 122,120	\$ 63,012	\$ 132,894	\$ 84,150	\$ 25,568	\$ 2,016
Overhead Costs	\$ 62,818	\$ 31,277	\$ 189,604	\$ 97,832	\$ 206,331	\$ 130,651	\$ 39,697	\$ 3,130
Profit	\$ 12,393	\$ 6,171	\$ 37,407	\$ 19,301	\$ 40,707	\$ 25,776	\$ 7,832	\$ 618
<b>Total Loaded Labor Cost</b>	<b>\$ 115,672</b>	<b>\$ 57,593</b>	<b>\$ 349,130</b>	<b>\$ 180,146</b>	<b>\$ 379,932</b>	<b>\$ 240,577</b>	<b>\$ 73,097</b>	<b>\$ 5,764</b>

Direct Expenses	Cost
Trust Indenture Obligations	\$ 27,500
General Meetings / Reporting / Assistance	\$ 32,500
Operations & Maintenance Support	\$ 2,200
Contract Support	\$ 5,500
Technology and Operations Oversight	\$ 95,200
Environmental Support	\$ 2,250
Project Engineering Feasibility Services	\$ 2,000
Driveway Permitting	\$ 1,000
Communications & Community Dev. Support	\$ 6,500
<b>Total Direct Expenses</b>	<b>\$ 174,150</b>
<b>Total Loaded Labor</b>	<b>\$ 1,401,910</b>
<b>Total Direct Expenses</b>	<b>\$ 174,150</b>
<b>Total</b>	<b>\$ 1,576,060</b>

## Attachment B e Estimate

CTRMA GEC  
HNTB Corporation - MANHOUR BREAKDOWN  
August 15, 2008

CTRMA  
WORK AUTHORIZATION NO. 3.1  
SUPPLEMENT NO. 12

### Trust Indenture Obligations

<i>Task</i>	<i>Work Description</i>	MANHOURS								TOTAL HRS										
		<i>(Labor Rates)</i>	A	B1	B	C	D	E	F1		F									
		\$	85.00	\$	85.00	\$	71.00	\$	59.00	\$	46.00	\$	34.00	\$	34.00	\$	24.00			
1.0	Trust Indenture Obligations																			
a	Certification of invoices		12								48								60	
b	Renewal and Replacement Fund review and approval		4			12													16	
c	Project Progress Reports (Quarterly) incl graphics		8			32				80		40							160	
d	Application of Insurance Proceeds		8			8													16	
e	Coordination on Toll Rate		8			8													16	
f	Annual Operations Budget Coordination and Review		4			16													20	
g	Annual Maintenance Budget Coordination and Review		4			16													20	
h	Annual Capital Budget Development/ recommendations		8			24				16									48	
i	Review notices & reports		8			24				24									56	
j	Annual Inspection					8				24		40							72	
k	Annual Report		8			24				40		16							88	
<b>TOTAL GEC TEAM DIRECT LABOR</b>			72		0	172		0		232		96		0		0			572	
<i>% Total by Classification</i>			12.59%		0.00%	30.07%		0.00%		40.56%		16.78%		0.00%		0.00%				
<b>Labor Costs</b>		\$	6,120	\$	-	\$	12,212	\$	-	\$	10,672	\$	3,264	\$	-	\$	-	\$	32,268	
<b>Overhead Costs</b>		155.26%	\$	9,502	\$	-	\$	18,960	\$	-	\$	16,569	\$	5,068	\$	-	\$	-	\$	50,099
<b>Profit</b>		12%	\$	1,875	\$	-	\$	3,741	\$	-	\$	3,269	\$	1,000	\$	-	\$	-	\$	9,884
<b>Total Loaded Labor</b>			\$	17,497	\$	-	\$	34,913	\$	-	\$	30,510	\$	9,331	\$	-	\$	-	\$	92,251
<b>Direct Expenses</b>																				
<b>Cost</b>																				
Printing		\$	1,000																	
Insurance Consultant		\$	25,000																	
Misc expenses		\$	800																	
Mileage		\$	500																	
<b>Total Direct Expenses</b>			\$	27,300																
<b>Total Loaded Labor</b>			\$	92,251																
<b>Total Direct Expenses</b>			\$	27,300																
<b>Total</b>			\$	119,551																

## Attachment B Estimate

CTRMA GEC  
HNTB Corporation - MANHOUR BREAKDOWN  
August 15, 2008

CTRMA  
WORK AUTHORIZATION NO. 3.1  
SUPPLEMENT NO. 12

### General Meetings / Reporting / Assistance

<i>Task</i>	<i>Work Description</i>	MANHOURS								TOTAL HRS
		<i>A</i>	<i>BI</i>	<i>B</i>	<i>C</i>	<i>D</i>	<i>E</i>	<i>F1</i>	<i>F</i>	
<i>(Labor Rates)</i>		\$ 85.00	\$ 85.00	\$ 71.00	\$ 59.00	\$ 46.00	\$ 34.00	\$ 34.00	\$ 24.00	
<b>2.0</b>	<b>General Meetings/ Reporting/Assistance</b>									
a	Attendance at Authority Meetings									
	CTRMA Board Meetings (12 total)	48								48
	CTRMA Committee Meetings									0
	CTRMA Status Meetings	52		104		52				208
b	Consultations	40		40		16				96
c	Attendance at regional meetings as requested (4 total)	20								20
d	Presentation aides/ audio video, papers			16			24			40
e	Drafting Assistance					80	80			160
f	Review/comment on documents and studies	16		60		120				196
g	Innovations and Turnpike Issues	10		10						20
h	On-Call Services, as required	80		120		120				320
i	Traffic Surveys			8		32				40
<b>Project Management / Administration</b>										
	Maintain internal project control system (12 months)			24		48	96	96		264
	Prepare, review & approve monthly invoices & progress reports (12 months total)	12		24				192		228
	Administer subconsultant contracts (12 months total)			120		80	160	240		600
<b>TOTAL GEC TEAM DIRECT LABOR</b>		278	0	526	0	548	360	528	0	2240
<i>% Total by Classification</i>		12.41%	0.00%	23.48%	0.00%	24.46%	16.07%	23.57%	0.00%	
<b>Labor Costs</b>		\$ 23,630	\$ -	\$ 37,346	\$ -	\$ 25,208	\$ 12,240	\$ 17,952	\$ -	\$ 116,376
<b>Overhead Costs</b>	155.26%	\$ 36,688	\$ -	\$ 57,983	\$ -	\$ 39,138	\$ 19,004	\$ 27,872	\$ -	\$ 180,685
<b>Profit</b>	12%	\$ 7,238	\$ -	\$ 11,440	\$ -	\$ 7,722	\$ 3,749	\$ 5,499	\$ -	\$ 35,647
<b>Total Loaded Labor</b>		\$ 67,556	\$ -	\$ 106,769	\$ -	\$ 72,067	\$ 34,993	\$ 51,323	\$ -	\$ 332,709
<b>Direct Expenses</b>		<b>Cost</b>								
	Printing/Reproductions	\$ 6,000								
	Communications/Deliveries	\$ 1,200								
	Traffic Consultant	\$ 20,000								
	Mileage	\$ 5,000								
	<b>Total Direct Expenses</b>	<b>\$ 32,200</b>								
	<b>Total Loaded Labor</b>	<b>\$ 332,709</b>								
	<b>Total Direct Expenses</b>	<b>\$ 32,200</b>								
	<b>Total</b>	<b>\$ 364,909</b>								

# Attachment B e Estimate

CTRMA GEC  
 HNTB Corporation - MANHOUR BREAKDOWN  
 August 15, 2008

CTRMA  
 WORK AUTHORIZATION NO. 3.1  
 SUPPLEMENT NO. 12

## Operations & Maintenance Support

		MANHOURS								TOTAL
		A	B1	B	C	D	E	F1	F	HRS
<i>Task</i>	<i>Work Description</i>	<i>(Labor Rates)</i>								
<b>3.0 Maintenance and Operation Support</b>										
a	Assist in the devlot & mgmt of a Maint. Plan									
	i ILA Oversight & Monitoring			48		96	480			624
	ii Review & Update Estimates of Facilities			24		48	60			132
	iii Contract Administration			48		96				144
b	Assist in the devlot & mgmt of Operations Plan									
	i Assist in Admin & Mgmt			24	24		48			96
	ii Operations Plan Updates			48	48		24			120
<b>TOTAL GEC TEAM DIRECT LABOR</b>		0	0	192	72	240	612	0	0	1116
<i>% Total by Classification</i>		0.00%	0.00%	17.20%	6.45%	21.51%	54.84%	0.00%	0.00%	

Labor Costs		\$ -	\$ -	\$ 13,632	\$ 4,248	\$ 11,040	\$ 20,808	\$ -	\$ -	\$ 49,728
Overhead Costs	155.26%	\$ -	\$ -	\$ 21,165	\$ 6,595	\$ 17,141	\$ 32,307	\$ -	\$ -	\$ 77,208
Profit	12%	\$ -	\$ -	\$ 4,176	\$ 1,301	\$ 3,382	\$ 6,374	\$ -	\$ -	\$ 15,232
<b>Total Loaded Labor</b>		\$ -	\$ -	\$ 38,973	\$ 12,145	\$ 31,562	\$ 59,488	\$ -	\$ -	\$ 142,168

Direct Expenses	Cost
Misc expenses	\$ 1,200
Mileage	\$ 1,000
<b>Total Direct Expenses</b>	<b>\$ 2,200</b>
<b>Total Loaded Labor</b>	<b>\$ 142,168</b>
<b>Total Direct Expenses</b>	<b>\$ 2,200</b>
<b>Total</b>	<b>\$ 144,368</b>

## Attachment B e Estimate

CTRMA GEC  
HNTB Corporation - MANHOUR BREAKDOWN  
August 15, 2008

CTRMA  
WORK AUTHORIZATION NO. 3.1  
SUPPLEMENT NO. 12

### Contract Support

<i>Task</i>	<i>Work Description</i>	MANHOURS								TOTAL HRS	
		<i>(Labor Rates)</i>	<i>A</i>	<i>B1</i>	<i>B</i>	<i>C</i>	<i>D</i>	<i>E</i>	<i>F1</i>		<i>F</i>
		\$	85.00	\$ 85.00	\$ 71.00	\$ 59.00	\$ 46.00	\$ 34.00	\$ 34.00	\$ 24.00	
<b>4.0 Contract Support</b>											
a	Solicitations - Professional Services (2)		8		24	48	32		32		144
b	Procurements - Goods & Services Vendors (2)		2		16	32	32		32		114
c	Solicitations - Maintenance Contracts (2)		4		24	48	96		32		204
d	Solicitations - Operations Contracts (2)		4		24	48	96		32		204
e	Solicitations - Construction Contracts (2)		4		24	48	96		32		204
<b>TOTAL GEC TEAM DIRECT LABOR</b>			<b>22</b>	<b>0</b>	<b>112</b>	<b>224</b>	<b>352</b>	<b>0</b>	<b>160</b>	<b>0</b>	<b>870</b>
<i>% Total by Classification</i>			<i>2.53%</i>	<i>0.00%</i>	<i>12.87%</i>	<i>25.75%</i>	<i>40.46%</i>	<i>0.00%</i>	<i>18.39%</i>	<i>0.00%</i>	
<b>Labor Costs</b>		\$	1,870	\$ -	\$ 7,952	\$ 13,216	\$ 16,192	\$ -	\$ 5,440	\$ -	\$ 44,670
<b>Overhead Costs</b>		155.26%	\$ 2,903	\$ -	\$ 12,346	\$ 20,519	\$ 25,140	\$ -	\$ 8,446	\$ -	\$ 69,355
<b>Profit</b>		12%	\$ 573	\$ -	\$ 2,436	\$ 4,048	\$ 4,960	\$ -	\$ 1,666	\$ -	\$ 13,683
<b>Total Loaded Labor</b>		\$	5,346	\$ -	\$ 22,734	\$ 37,783	\$ 46,292	\$ -	\$ 15,552	\$ -	\$ 127,708
<b>Direct Expenses</b>				<b>Cost</b>							
Misc expenses/Advertisements		\$		5,000							
Mileage/Travel		\$		500							
<b>Total Direct Expenses</b>		\$		<b>5,500</b>							
<b>Total Loaded Labor</b>		\$		127,708							
<b>Total Direct Expenses</b>		\$		<b>5,500</b>							
<b>Total</b>		\$		<b>133,208</b>							

## Attachment B e Estimate

CTRMA GEC  
HNTB Corporation - MANHOUR BREAKDOWN  
August 15, 2008

CTRMA  
WORK AUTHORIZATION NO. 3.1  
SUPPLEMENT NO. 12

### Technology and Operations Oversight

		MANHOURS									
		A	B1	B	C	D	E	F1	F	TOTAL	
<i>Task</i>	<i>Work Description</i>	(Labor Rates) \$	\$ 85.00	\$ 85.00	\$ 71.00	\$ 59.00	\$ 46.00	\$ 34.00	\$ 34.00	\$ 24.00	HRS
<b>5.0 Technology and Operations Oversight</b>											
<b>General Technology Assistance</b>											
a	General and Administrative Oversight			80	80	80					240
b	General Technology Assistance			40		40					80
c	Network and Communications			24		160					184
<b>Subtotal Labor Hours</b>		<b>0</b>	<b>144</b>	<b>80</b>	<b>280</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>504</b>
<b>Enterprise GIS Initiatives 2009</b>											
a	GIS Strategic Plan and Implementation			40	12	160	48	80		20	360
b	GIS Data Population			6		60	64	225		16	371
c	GIS Application Maintenance and Support			3		24	185	24		4	240
d	CMMS Software Research			40	2	72	8	30			152
e	GIS Projects and Support			4		32	188	540			764
<b>Subtotal Labor Hours</b>		<b>0</b>	<b>93</b>	<b>14</b>	<b>348</b>	<b>493</b>	<b>899</b>	<b>0</b>	<b>40</b>	<b>0</b>	<b>1887</b>
<b>TOTAL GEC TEAM DIRECT LABOR</b>		<b>0</b>	<b>237</b>	<b>94</b>	<b>628</b>	<b>493</b>	<b>899</b>	<b>0</b>	<b>40</b>	<b>0</b>	<b>2391</b>
<i>% Total by Classification</i>		<i>0.00%</i>	<i>9.91%</i>	<i>3.93%</i>	<i>26.27%</i>	<i>20.62%</i>	<i>37.60%</i>	<i>0.00%</i>	<i>1.67%</i>		
<b>Labor Costs</b>		\$ -	\$ 20,145	\$ 6,674	\$ 37,052	\$ 22,678	\$ 30,566	\$ -	\$ 960	\$ 118,075	
<b>Overhead Costs</b>		155.26%	\$ -	\$ 31,277	\$ 10,362	\$ 57,527	\$ 35,210	\$ 47,457	\$ -	\$ 1,490	\$ 183,323
<b>Profit</b>		12%	\$ -	\$ 6,171	\$ 2,044	\$ 11,349	\$ 6,947	\$ 9,363	\$ -	\$ 294	\$ 36,168
<b>Total Loaded Labor</b>		\$ -	\$ 57,593	\$ 19,080	\$ 105,928	\$ 64,834	\$ 87,386	\$ -	\$ 2,745	\$ 337,566	
<b>Direct Expenses</b>		<b>Cost</b>									
Travel		\$	1,100								
Misc expenses		\$	1,000								
Mileage		\$	300								
Monumentation Survey		\$	92,800								
<b>Total Direct Expenses</b>		<b>\$</b>	<b>95,200</b>								
<b>Total Loaded Labor</b>		<b>\$</b>	<b>337,566</b>								
<b>Total Direct Expenses</b>		<b>\$</b>	<b>95,200</b>								
<b>Total</b>		<b>\$</b>	<b>432,766</b>								

## Attachment B e Estimate

CTRMA GEC  
 HNTB Corporation - MANHOUR BREAKDOWN  
 August 15, 2008

CTRMA  
 WORK AUTHORIZATION NO. 3.1  
 SUPPLEMENT NO. 12

### Environmental Support

Task	Work Description	MANHOURS								TOTAL HRS
		A	B1	B	C	D	E	F1	F	
<i>(Labor Rates)</i>		\$ 85.00	\$ 85.00	\$ 71.00	\$ 59.00	\$ 46.00	\$ 34.00	\$ 34.00	\$ 24.00	
6.0	Environmental Support									
a	Oversight of Environmental Documents			40		40				80
b	Natural Resources Survey					8	40			48
c	Cultural Resources Survey					8	40			48
d	Socio-Economic Analysis					16	24			40
e	Coordinate with Resouce Agencies			40		12	40			92
f	Prepare or Review NEPA Documents			40		80	80			200
g	Develop Database for GIS					20	20			40
h	Attendance at Meetings					12	40			52
i	Preparation of Exhibits						24			24
j	Preparation of Reports			40	40	16	40			136
k	Conduct Field Visits & Evaluations						80			80

<b>TOTAL GEC TEAM DIRECT LABOR</b>	0	0	160	40	212	428	0	0	840
<i>% Total by Classification</i>	0.00%	0.00%	19.05%	4.76%	25.24%	50.95%	0.00%	0.00%	

Labor Costs		\$ -	\$ -	\$ 11,360	\$ 2,360	\$ 9,752	\$ 14,552	\$ -	\$ -	\$ 38,024
Overhead Costs	155.26%	\$ -	\$ -	\$ 17,638	\$ 3,664	\$ 15,141	\$ 22,593	\$ -	\$ -	\$ 59,036
Profit	12%	\$ -	\$ -	\$ 3,480	\$ 723	\$ 2,987	\$ 4,457	\$ -	\$ -	\$ 11,647
<b>Total Loaded Labor</b>		\$ -	\$ -	\$ 32,477	\$ 6,747	\$ 27,880	\$ 41,603	\$ -	\$ -	\$ 108,707

Direct Expenses	Cost
Reproduction	\$ 1,000
Mail and Deliveries	\$ 150
Historic Aerial Photos and Maps	\$ 500
Travel and Field Expenses	\$ 600
<b>Total Direct Expenses</b>	<b>\$ 2,250</b>
<b>Total Loaded Labor</b>	<b>\$ 108,707</b>
<b>Total Direct Expenses</b>	<b>\$ 2,250</b>
<b>Total</b>	<b>\$ 110,957</b>



## Attachment B e Estimate

CTRMA GEC  
 HNTB Corporation - MANHOUR BREAKDOWN  
 August 15, 2008

CTRMA  
 WORK AUTHORIZATION NO. 3.1  
 SUPPLEMENT NO. 12

**Project Engineering Feasibility Services**

<i>Task</i>	<i>Work Description</i>	MANHOURS								TOTAL HRS
		<i>A</i>	<i>B1</i>	<i>B</i>	<i>C</i>	<i>D</i>	<i>E</i>	<i>F1</i>	<i>F</i>	
<i>(Labor Rates)</i>		\$ 85.00	\$ 85.00	\$ 71.00	\$ 59.00	\$ 46.00	\$ 34.00	\$ 34.00	\$ 24.00	
7.0	Project Engineering Services									
a	Concept Reports (3 Projects)									
	Existing Conditions & Program Requirements	12		48		96		24		180
	Identification of Alternatives			48		48				96
	Alternatives Evaluation	12		84		192		16		304
	Recommended Alternative	12		48		48				108
	Concept Estimate			24		48				72
	Criteria and Standards	12		24		48		24		108
b	Project Meetings	12		12						24
<b>TOTAL GEC TEAM DIRECT LABOR</b>		60	0	288	0	480	0	64	0	892
<i>% Total by Classification</i>		<i>6.73%</i>	<i>0.00%</i>	<i>32.29%</i>	<i>0.00%</i>	<i>53.81%</i>	<i>0.00%</i>	<i>7.17%</i>	<i>0.00%</i>	
<b>Labor Costs</b>		\$ 5,100	\$ -	\$ 20,448	\$ -	\$ 22,080	\$ -	\$ 2,176	\$ -	\$ 49,804
<b>Overhead Costs</b>	155.26%	\$ 7,918	\$ -	\$ 31,748	\$ -	\$ 34,281	\$ -	\$ 3,378	\$ -	\$ 77,326
<b>Profit</b>	12%	\$ 1,562	\$ -	\$ 6,263	\$ -	\$ 6,763	\$ -	\$ 667	\$ -	\$ 15,256
<b>Total Loaded Labor</b>		\$ 14,580	\$ -	\$ 58,459	\$ -	\$ 63,125	\$ -	\$ 6,221	\$ -	\$ 142,385

Direct Expenses	Cost
Printing	\$ 1,500
Travel	\$ 500
<b>Total Direct Expenses</b>	<b>\$ 2,000</b>
<b>Total Loaded Labor</b>	<b>\$ 142,385</b>
<b>Total Direct Expenses</b>	<b>\$ 2,000</b>
<b>Total</b>	<b>\$ 144,385</b>

## Attachment B e Estimate

CTRMA GEC  
HNTB Corporation - MANHOUR BREAKDOWN  
August 15, 2008

CTRMA  
WORK AUTHORIZATION NO. 3.1  
SUPPLEMENT NO. 12

### Driveway Permitting

<i>Task</i>	<i>Work Description</i>	MANHOURS								TOTAL HRS
		<i>A</i>	<i>B1</i>	<i>B</i>	<i>C</i>	<i>D</i>	<i>E</i>	<i>F1</i>	<i>F</i>	
<i>(Labor Rates)</i>		\$ 85.00	\$ 85.00	\$ 71.00	\$ 59.00	\$ 46.00	\$ 34.00	\$ 34.00	\$ 24.00	
8.0	Driveway Permitting									
a	Permitting Fee Schedule	4		8		8				20
b	Utility & Driveway Permit Processing (10)									
	Correspondence & Coordination	20		40		40				100
	Permit Review			40	80	160				280
	Preparation of Recommendations	10		40		40				90
	Follow-up and Close-out	10		40		40	40			130
<b>TOTAL GEC TEAM DIRECT LABOR</b>		<b>44</b>	<b>0</b>	<b>168</b>	<b>80</b>	<b>288</b>	<b>40</b>	<b>0</b>	<b>0</b>	<b>620</b>
<i>% Total by Classification</i>		<i>7.10%</i>	<i>0.00%</i>	<i>27.10%</i>	<i>12.90%</i>	<i>46.45%</i>	<i>6.45%</i>	<i>0.00%</i>	<i>0.00%</i>	

Labor Costs		\$ 3,740	\$ -	\$ 11,928	\$ 4,720	\$ 13,248	\$ 1,360	\$ -	\$ -	\$ 34,996
Overhead Costs	155.26%	\$ 5,807	\$ -	\$ 18,519	\$ 7,328	\$ 20,569	\$ 2,112	\$ -	\$ -	\$ 54,335
Profit	12%	\$ 1,146	\$ -	\$ 3,654	\$ 1,446	\$ 4,058	\$ 417	\$ -	\$ -	\$ 10,720
<b>Total Loaded Labor</b>		<b>\$ 10,692</b>	<b>\$ -</b>	<b>\$ 34,101</b>	<b>\$ 13,494</b>	<b>\$ 37,875</b>	<b>\$ 3,888</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 100,050</b>

Direct Expenses	Cost
Printing	\$ 500
Mileage	\$ 500
<b>Total Direct Expenses</b>	<b>\$ 1,000</b>
<b>Total Loaded Labor</b>	<b>\$ 100,050</b>
<b>Total Direct Expenses</b>	<b>\$ 1,000</b>
<b>Total</b>	<b>\$ 101,050</b>

## Attachment B e Estimate

CTRMA GEC  
HNTB Corporation - MANHOUR BREAKDOWN  
August 15, 2008

CTRMA  
WORK AUTHORIZATION NO. 3.1  
SUPPLEMENT NO. 12

### Communications & Community Dev. Support

<i>Task</i>	<i>Work Description</i>	MAN-HOURS								TOTAL HRS
		<i>A</i>	<i>B1</i>	<i>B</i>	<i>C</i>	<i>D</i>	<i>E</i>	<i>F1</i>	<i>F</i>	
<i>(Labor Rates)</i>		\$ 85.00	\$ 85.00	\$ 71.00	\$ 59.00	\$ 46.00	\$ 34.00	\$ 34.00	\$ 24.00	
9.0	Outreach Activities									
	Prepare Notices, Exhibits, Flyers				4	4			16	24
	Prepare for Stakeholder Meetings (2)				4	4			4	12
	On-site Assistance at Meetings (2)				4	4			4	12
	Local Contractor Outreach Assistance			8				8		16
	Outreach Assistance				8					8
	Meeting Summaries				4	4				8
	<b>Graphics Support</b>									
	Brochures, Informational Pieces, Presentations					8	32			40
	Audio/Visual Production					20			20	40

TOTAL GEC TEAM DIRECT LABOR	0	0	8	24	44	40	0	44	160
<i>% Total by Classification</i>	<i>0.00%</i>	<i>0.00%</i>	<i>5.00%</i>	<i>15.00%</i>	<i>27.50%</i>	<i>25.00%</i>	<i>0.00%</i>	<i>27.50%</i>	
Labor Costs	\$ -	\$ -	\$ 568	\$ 1,416	\$ 2,024	\$ 1,360	\$ -	\$ 1,056	\$ 6,424
Overhead Costs	155.26%	\$ -	\$ 882	\$ 2,198	\$ 3,142	\$ 2,112	\$ -	\$ 1,640	\$ 9,974
Profit	12%	\$ -	\$ 174	\$ 434	\$ 620	\$ 417	\$ -	\$ 323	\$ 1,968
<b>Total Loaded Labor</b>		\$ -	\$ 1,624	\$ 4,048	\$ 5,786	\$ 3,888	\$ -	\$ 3,019	\$ 18,366

Direct Expenses	Cost
Public Notices/Advertising	\$ 5,000
Printing, Copies, Materials for Meeting	\$ 1,000
Public Meeting Expenses (facility, refreshments, etc)	\$ 500
<b>Total Direct Expenses</b>	<b>\$ 6,500</b>
<b>Total Loaded Labor</b>	<b>\$ 18,366</b>
<b>Total Direct Expenses</b>	<b>\$ 6,500</b>
<b>Total</b>	<b>\$ 24,866</b>