

November 11, 2007

Mr. Mohammed Alghurabi, Project Manager  
MDOT, Design Division  
425 West Ottawa  
Lansing, MI 48933

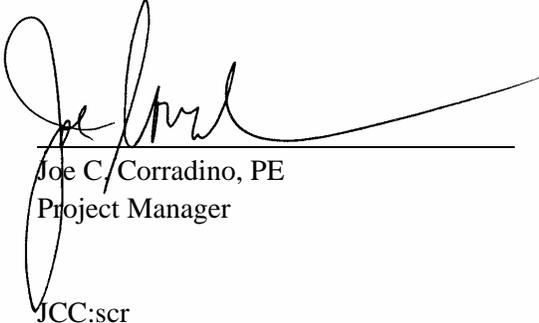
RE: DRIC EPE/EIS Project; Job No. 802330  
TCG Project No. 3600 - Invoice No. 34 Progress Report

Dear Mohammed:

Enclosed is the narrative progress report for the DRIC EPE/EIS Project. It supports Invoice No. 34 for October 2007. The invoice will be submitted under separate cover to Portia VanPelt.

Please call if you have any questions or comments.

Sincerely yours,



Joe C. Corradino, PE  
Project Manager

JCC:scr

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Attachment

**PROGRESS REPORT  
THE CORRADINO GROUP  
DRIC EPE/EIS PHASE  
OCTOBER 1 THROUGH OCTOBER 31, 2007**

The following details the work progress for the project by task (Sections A, B, & C). At the end of the task progress discussion are sections that address updates of the schedule, items needed from MDOT, and a listing of substantive verbal contacts with MDOT. Schedule adjustments and verbal contacts are listed on attachments G and H, respectively.

**A, B, AND C – PROGRESS BY TASK**

**TASK 1 (1220) – VERIFY SCOPE/CONDUCT PUBLIC INVOLVEMENT PLAN**

**A. Work Progress**

- Prepared for and participated in the following meetings in October:
  - ✓ October 4 – With the Project Steering Committee
  - ✓ October 23 – With the Project Core Team
  - ✓ October 24 – With the LAC/LAG
  - ✓ October 24 – With the representatives of the Produce Terminal
  - ✓ October 25 – With the Working Group
  - ✓ October 30 – With the Transportation Security Administration, Homeland Security of the State of Michigan and the Michigan State Police

**B. Products**

- Notes and supporting materials for the above meetings.

**C. Task Evaluation**

- A workshop is set for December 12<sup>th</sup> to display to the public the results of the past 18 months' work dealing with the revised concepts for land use and other aesthetic treatments with respect to the border crossing system.

**D. Upcoming Plans**

- Prepare for and participate in the following meetings:
  - ✓ November 1 – With the Partnership Steering Committee

- ✓ November 19 – With the U.S./Canadian Team dealing with geotechnical/foundation/bridge design issues
- ✓ November 20 – With the Project Core Team
- ✓ November 28 – With the LAC/LAG
- ✓ November 29 – With the Working Group
- Finalize preparations for the December 4<sup>th</sup>/5<sup>th</sup> meeting of the Geotechnical Advisory Committee.
- Make preparation for a meeting in the early part of January to discuss with technical representatives of MDOT/FHWA/Transport Canada/MTO the details of the Geotechnical Advisory Group meeting and the related brine wells investigation work.

## TASK 2 (2120) – PREPARE TRAFFIC ANALYSIS REPORT

### **A. Work Progress**

- Responded to MDOT comments on the Travel Demand Model volume of the Traffic Analysis Report.
- Completed testing the revised SEMCOG growth forecast's effect on international travel.
- Updated the Illustrative Alternatives Traffic Analysis Report.

### **B. Products**

- Updated the Travel Demand Model volume of the Traffic Analysis Report.

### **C. Task Evaluation**

- Efforts are now being spent on resolving MDOT's concerns about the overall efficacy of the modeling process, both for the regional and microsimulation approaches.
- The Canadians have decided to do an investment-grade traffic analysis with results available by June of 2008. The implications of this work on preparing the FEIS are still to be reconciled.

### **D. Upcoming Plans**

- Update Traffic TRs based on MDOT comments.

### TASK 3 (2130) – PREPARE JOB JUSTIFICATION/PURPOSE AND NEED STATEMENT

#### A. Work Progress

- This task has been completed.

### TASK 4 (2140) – DEVELOP/REVIEW ILLUSTRATIVE ALTERNATIVES

#### A. Work Progress

- This task has been completed.

### TASK 5 (2160) – DEVELOP SCOPING DOCUMENT

#### A. Work Progress

- This task has been completed.

### TASK 6 (2310) – CONDUCT SEE TECHNICAL STUDIES

#### A. Work Progress

- Responded to the FHWA/MDOT comments and finalized the Cultural Resources Technical Report (Archaeological and Above-ground).
- Submitted documents to FHWA for the completed preliminary DEIS.
- Revised technical reports based upon review comments at the MDOT, FHWA and/or federal cooperating agencies level.

#### B. Products

- Updated Cultural Resource Reports.
- Updated Wetlands TR
- Updated Noise TR
- Updated ISA/PSI (Hazmat)TR
- Finalized the Community Inventory TR

#### C. Task Evaluation

- Review of the Technical Reports continues to move expeditiously. Finally, the two Cultural Resources reports have been completed for submissions to FHWA after four months of review.
- The DEIS received 45 pages of comments and expressions of dissatisfaction by a number of MDOT reviewers. Efforts will be taken to correct the situation.

**D. Upcoming Plans**

- Continue to address comments on all technical reports.
- Update the preliminary DEIS based upon MDOT comments.

**TASK 7 (2320) – AERIAL PHOTOGRAPHY**

**A. Work Progress**

- Completed survey conversion of data from meters to feet.

**B. Products**

- Appropriate files with data conversion from metric to feet.

**C. Task Evaluation**

- Work is complete pending MDOT review of the conversion of data from metric to feet.

**D. Upcoming Plans**

- Respond as appropriate to MDOT comments.

**TASK 8 (2330) – GEOTECHNICAL DATA**

**A. Work Progress**

- Presented the results of the geotechnical evaluation to the Core Team and the Working Group.
- Exchanged data with the Canadian Drilling Team and reviewed its progress.
- Continued refinement of the crosswell images particularly in Corridor X-11 to minimize the effects of noise generated largely from the Mistersky Plant.
- Established a well abandonment priority list and requested rights of entry to be extended to be able to fill these holes.

**B. Products**

- Updated Technical Report on the Brine Well Investigation. Supporting reports by Turpening, Diehl, and Cording included as attachments.
- Well abandonment priority list.

**C. Task Evaluation**

- The results of the U.S. analysis of potential brine well anomalies indicated that there were two. Both are very small. Analysis indicates that there is no chance that they will propagate to the surface to create a sinkhole. Additionally, evidence indicates that they have naturally been filled. Both Corridors X-10 and X-11 in the U.S. are cleared from sinkhole formation.

#### **D. Upcoming Plans**

- Present the preliminary U.S. Brine Well Investigation results to the Partnership Steering Committee.
- Coordinate with the Canadians to begin preparation of a composite memo on Brine Well Investigation analysis and results.
- Continue to pursue borehole abandonment.
- Meet on November 19<sup>th</sup> with representatives from Canada to discuss the Brine Well Investigation results with conceptual bridge engineering results and foundation issues.

### **TASK 9 (2340) – PRACTICAL ALTERNATIVES**

#### **A. Work Progress**

- Completed refinement of Practical Alternatives.
- Completed local access issues as they relate to the plaza.
- Completed project geometry to meet local and interstate ramps.
- Completed development of Alternative #16 altered to respond to local access issues.
- Completed grade changes into the remaining two project configurations.
- Prepared updated cost estimates for the refined alternatives.
- Completed the draft of the Conceptual Engineering Report.
- Continued to prepare the Bridge Conceptual Engineering Report.

#### **B. Products**

- Internal draft of the Conceptual Engineering Technical Report.

#### **C. Task Evaluation**

- Continued to complete the Bridge Conceptual Engineering Report which requires coordination with the Canadian Team. It will be available in the early part of November.
- Continued discussions of refinements that are appropriate for the cost of the alternatives.

**D. Upcoming Plans**

- Submit to MDOT the Conceptual Engineering Report.
- Revise the Conceptual Engineering Report based upon MDOT comments.

**TASK 10 (2360) – PREPARE DEIS**

**A. Work Progress**

- Completed draft of the entire DEIS.
- Began to respond to comments.
- Updated the Key Issues Matrix.
- Prepared the DEIS rollout strategy.
- Began preparing for the December 12<sup>th</sup> workshop on land use and crossing system aesthetics.
- Began preparing for the January DEIS public hearing.

**B. Products**

- Complete preliminary DEIS document.

**C. Task Evaluation**

- The many comments from MDOT are being addresses so that the updated version of the DEIS will be available by November 10<sup>th</sup>.

**D. Upcoming Plans**

- Update the DEIS based upon MDOT comments.
- Update again the DEIS based upon continued commenting by MDOT and FHWA.
- Update the Key Issues matrix.
- Respond to comments from MDOT on the rollout strategy and update it.
- Make final preparations including mailings and handouts for the December 12<sup>th</sup> CSS workshop.
- Continue preparing for the January DEIS public hearing.

**TASK 11 (2380) – DEIS AVAILABILITY/PUBLIC HEARING**

**A. Work Progress**

- Began preparation for noticing the DEIS availability on December 28, 2008.

**B. Products**

- A preliminary rollout strategy for the DEIS.

**C. Task Evaluation**

- The current schedule calls for the 45 to comment on the DEIS. Current conversations by MDOT indicate that we are to extend that to at least 60 days.

**D. Upcoming Plans**

- Resolve the issue of the comment period on the DEIS.
- Continue to make preparations for the rollout of the DEIS including a meeting on January 4<sup>th</sup> with the LAC/LAG at a public hearing by the end of January.

**TASK 12 (2510) – RECOMMENDED ALTERNATIVE**

**A. Work Progress**

- Work in this task has not begun.

**TASK 13 (2525) – ENGINEERING REPORT**

**A. Work Progress**

- Completed the draft of the Conceptual Engineering Report and provided it to MDOT.
- Drafted the stand-alone Conceptual Bridge Analysis Report.

**B. Products**

- Conceptual Engineering Technical Report.

**C. Task Evaluation**

- The Conceptual Engineering Bridge Report is still under preparation, but will be submitted in early November to MDOT.

**E. Upcoming Plans**

- Respond to comments by MDOT on the Conceptual Engineering Report.
- Submit the Conceptual Bridge Report to MDOT.

## TASK 14 (2530) – PREPARE FEIS

### A. Work Progress

- Work in this task has not been initiated.

## TASK 15 (2550) – OBTAIN RECORD OF DECISION

### A. Work Progress

- Work in this task has not been initiated.

## TASK 16 (2810) – CONDUCT INITIAL SITE ASSESSMENT

### A. Work Progress

- Prepared and submitted logs for environmental Geoprobe® performed at the Campbell Street property.
- Prepared and submitted summary of laboratory testing performed on the soil samples obtained from the environmental Geoprobe® investigation of the Campbell Street property.
- Received comments from MDOT on the ISA/TSI Technical Report. Revised and submitted for Federal Cooperating Agency review.

### B. Products

- Updated version of the Initial Site Assessment/Preliminary Site Investigation Technical Report based on FHWA comments.

### C. Task Evaluation

- Work is on schedule.

### D. Upcoming Plans

- Revise the Initial Site Assessment/Preliminary Site Investigation Technical Report based on Federal Cooperating Agency comment.

## TASK 17 (2820) – CONDUCT PRELIMINARY SITE INVESTIGATION

### A. Work Progress

- Prepared and submitted logs for environmental Geoprobe® performed at the Campbell Street property.

- Prepared and submitted summary of laboratory testing performed on the soil samples obtained from the environmental Geoprobe® investigation of the Campbell Street property.
- Received comments from MDOT on the ISA/TSI Technical Report. Revised and submitted for Federal Cooperating Agency review.

**B. Products**

- Updated version of the Initial Site Assessment/Preliminary Site Investigation Technical Report based on FHWA comments.

**C. Task Evaluation**

- Work is on schedule.

**D. Upcoming Plans**

- Revise the Initial Site Assessment/Preliminary Site Investigation Technical Report based on Federal Cooperating Agency comment.

**TASK 18 (3310) – AERIAL TOPOGRAPHIC MAPPING**

**A. Work Progress**

- Completed survey conversion of data from meters to feet.

**B. Products**

- Appropriate files with data conversion from metric to feet.

**C. Task Evaluation**

- Work is complete pending MDOT review of the conversion of data from metric to feet.

**D. Upcoming Plans**

- Respond as appropriate to MDOT comments.

**TASK 19 (3320) – PHOTOGRAMMETRIC CONTROL SURVEY**

**A. Work Progress**

- Completed survey conversion of data from meters to feet.

**B. Products**

- Appropriate files with data conversion from metric to feet.

**C. Task Evaluation**

- Work is complete pending MDOT review of the conversion of data from metric to feet.

**D. Upcoming Plans**

- Respond as appropriate to MDOT comments.

**TASK 20 (3330) – DESIGN SURVEY**

**A. Work Progress**

- No work planned this period.

**B. Products**

- None.

**C. Task Evaluation**

- 100 percent.

**D. Upcoming Plans**

- Survey report delivered.

## TASK 21 (3350) – HYDRAULICS SURVEY

### **A. Work Progress**

- For all practical purposes, a determination has been made that there will be no piers in the river. Therefore, work in this task is not needed.

### **B. Products**

- None, as none required.

### **C. Task Evaluation**

- Comments by various ship owners, ship masters, and governmental agencies have indicated that piers in the Detroit River are not acceptable. Therefore, work in this task will not be necessary.

### **D. Upcoming Plans**

- None, as work in this task is no longer necessary as piers in the water will be eliminated as an option.

## TASK 22 (4510) – RIGHT-OF-WAY SURVEY

### **A. Work Progress**

- Work in this task has not been initiated. When it is, it will be transferred from Woolpert to another firm as Woolpert's location outside of Michigan makes it difficult to respond on a timely basis.

## TASK 23 (3370) – STRUCTURE SURVEY

### **A. Work Progress**

- None, as none required at this time.

### **B. Products**

- None, as none required at this time.

### **C. Task Evaluation**

- Work will begin on this task in the next reporting period.

### **B. Upcoming Plans**

- Begin work on the Structure Analysis in the next reporting period.

#### TASK 24 (3520) – SCOUR ANALYSIS

##### **A. Work Progress**

- Work has not been initiated on this task.

##### **B. Products**

- None, as none required.

##### **C. Task Evaluation**

- Work in this task will be initiated once the preferred alternative is selected.

##### **D. Upcoming Plans**

- Work in this task will be initiated once the preferred alternative is selected.

#### TASK 25 (3530) – FOUNDATION INVESTIGATION

##### **A. Work Progress**

- Presented the results of the geotechnical evaluation to the Core Team and the Working Group.
- Exchanged data with the Canadian Drilling Team and reviewed its progress.
- Continued refinement of the crosswell images particularly in Corridor X-11 to minimize the effects of noise generated largely from the Mistersky Plant.
- Established a well abandonment priority list and requested rights of entry to be extended to be able to fill these holes.

##### **B. Products**

- Updated Technical Report on the Brine Well Investigation. Supporting reports included as attachments by Turpening, Diehl, and Cording.
- Well abandonment priority list.

**C. Task Evaluation**

- The results of the U.S. analysis of potential brine well anomalies indicated that there were two. Both are very small. Analysis indicates that there is no chance that they will propagate to the surface to create a sinkhole. Additionally, evidence indicates that they have naturally been filled. Both Corridors X-10 and X-11 are cleared from sinkhole formation.

**D. Upcoming Plans**

- Present the preliminary U.S. Brine Well Investigation results to the Partnership Steering Committee.
- Coordinate with the Canadians to begin preparation of a composite Brine Well Investigation analysis and results.
- Continue to pursue borehole abandonment.
- Meet on November 19<sup>th</sup> with representatives from Canada to discuss the Brine Well Investigation results with conceptual bridge engineering results and foundation issues.

**TASK 26 (3710) – REQUIRED MITIGATION**

**A. Work Progress**

- Prepared the green sheet in draft form and revised it consistent with MDOT comments.
- Prepared a series of community enhancement concepts and appropriately integrated those into the project green sheet.
- Completed the Delray Land Use Concepts with and without a new crossing.
- Completed the Delray Urban Design Concepts consistent with the DRIC Crossing Land Use Plan.

**B. Products**

- Project green sheet in the DEIS.

**C. Task Evaluation**

- Continued discussion is required in order for the green sheet to be finalized. This may also involve appropriate review of what is considered “community enhancement versus mitigation.”

**D. Upcoming Plans**

- Complete the Delray Urban Design Concepts consistent with the DRIC Crossing Land Use Plan.
- Resolve the issue of the green sheet and what is mitigation/enhancement.

**D. UPDATE OF PREVIOUSLY APPROVED SCHEDULE (ATTACHED)**

The schedule was last updated in December 2006 as described in Section E. However, informal conversations are that the DEIS comment period will be extended which could change the schedule by one month. Revisions will be made by the end of December 2008.

**E. ITEMS NEEDED FROM MDOT**

- Review of various Technical Reports and the updated DEIS.

**F. SUBSTANTIVE VERBAL COMMENTS WITH MDOT**

- At the following meetings:
  - ✓ October 4 – With the Project Steering Committee
  - ✓ October 23 – With the Project Core Team
  - ✓ October 24 – With the LAC/LAG
  - ✓ October 24 – With the representatives of the Produce Terminal
  - ✓ October 25 – With the Working Group
  - ✓ October 30 – With the Transportation Security Administration, Homeland Security of the State of Michigan and the Michigan State Police
- Daily e-mail and telephone conversations with the MDOT Project Manager.

## ATTACHMENT

G. SCHEDULE DETAIL

Original Date	Anticipated Date	Explanation
Fourth week of February 2005	Fourth week of February 2005	1 Preliminary Evaluation Criteria
Last week of March 2005	Mid-April 2005 <sup>1</sup>	2 Study Kickoff
Third week of June 2005	Third week of June 2005	3 Illustrative Alternatives Definition
Fourth week of June 2005	Fourth week of June 2005	4 Scoping Document
Fourth week of August 2005	Fourth week of August 2005	5 Scoping
Third week of November 2005	Third week of November 2005	6 Preliminary Evaluation of Illustrative Alternatives
Second week of December 2005	Second week of December 2005	7 Preliminary Illustrative Alternatives Evaluation
Fourth week of February 2006	Fourth week of February 2006	8 Evaluation of Illustrative Alternatives/Select Practical Alternatives
Third week of March 2006	Third week of March 2006	9 Practical Alternatives Selection
First week of April 2006	First week of April 2006	10 Context Sensitive Design 1
First week of May 2006	First week of May 2006	11 Community Impact Assessment 1
First week of June 2006	First week of June 2006	12 Community Planning
First week of August 2006 <sup>1</sup>	First week of November 2006	13 Context Sensitive Design 3
Additional Task <sup>1,2</sup>	Second week of February 2007	14 Context Sensitive Design 4
Additional Task <sup>1,2</sup>	Second week of April 2007	15 Context Sensitive Design 5
Additional Task <sup>1,2</sup>	Second week of June 2007	16 Context Sensitive Design 6
Fourth week of July 2006 <sup>1,2</sup>	Last week of July 2007	17 Engineering Concepts Report
Second week of August 2006 <sup>1,2</sup>	Second week of August 2007	18 Preliminary DEIS
Fourth week of November 2006 <sup>1,2</sup>	Second week of November 2007	19 Public Hearing Script/Video
Second week of October 2006 <sup>1,2</sup>	Mid-October 2007	20 Draft DEIS
Second week of December 2006 <sup>1,2</sup>	End of December 2007	21 FHWA Approved DEIS
Second week of January 2007 <sup>1,2</sup>	Mid-January 2008	22 DEIS Public Hearing
Second week of April 2007 <sup>1,2</sup>	Mid-February 2008	23 Public Hearing Transcript Comment Summary
Fourth week of July 2007 <sup>1,2</sup>	Second week of April 2008	24 Recommended Alternative
Additional Task <sup>1,2</sup>	First week of April 2008	25 Public Meeting
Additional Task <sup>1,2</sup>	First week of June 2008	26 Public Meeting
Second week of December 2007 <sup>1,2</sup>	Last week of August 2008	27 Recommended Alternative Presentation
Fourth week of August 2007 <sup>1,2</sup>	Last week of August 2008	28 Final EIS
Fourth week of September 2007 <sup>1,2</sup>	Last week of October 2008	29 Final Engineering Report
Fourth week of November 2007 <sup>1,2</sup>	Last week of October 2008	30 MOU
Fourth week of December 2007 <sup>1,2</sup>	Last week of October 2008	31 Access Justification Report (signature after ROD signature)
Fourth week of December 2007 <sup>1,2</sup>	Last week of November 2008	32 ROD

<sup>1</sup> Revised in September 2006.<sup>2</sup> Revised in January 2007.

## ATTACHMENT

### H. CONTACT RECORDS

- Daily contact records, daily e-mails and conversations by phone and in person with the MDOT Project Manager and other MDOT/FHWA personnel.
- Two status reports.
- Two “Key Issues” matrices.
- Monthly progress reports.
- Notes of meetings of:
  - ✓ October 4 – With the Project Steering Committee
  - ✓ October 23 – With the Project Core Team
  - ✓ October 24 – With the LAC/LAG
  - ✓ October 24 – With the representatives of the Produce Terminal
  - ✓ October 25 – With the Working Group
  - ✓ October 30 – With the Transportation Security Administration, Homeland Security of the State of Michigan and the Michigan State Police

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