

December 23, 2007

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

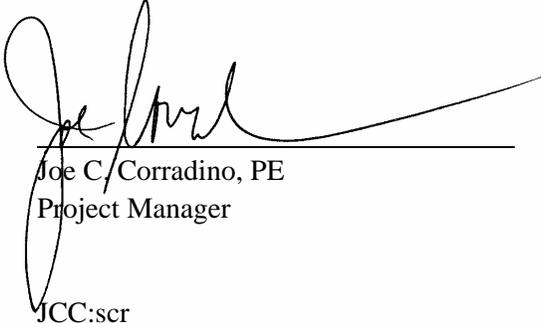
RE: DRIC EPE/EIS Project; Job No. 802330  
TCG Project No. 3600 - Invoice No. 35 Progress Report

Dear Mohammed:

Enclosed is the narrative progress report for the DRIC EPE/EIS Project. It supports Invoice No. 35 for November 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

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Attachment

**PROGRESS REPORT  
THE CORRADINO GROUP  
DRIC EPE/EIS PHASE  
NOVEMBER 1 THROUGH NOVEMBER 30, 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 November:
  - ✓ 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 21 – With the Steering Committee on the preliminary geotechnical results (teleconference)
  - ✓ November 28 – With the LAC/LAG
  - ✓ November 29 – With the Working Group
  - ✓ November 30 – With the Steering Committee on the preliminary geotechnical results (teleconference)
- Finalized preparations for the December 4<sup>th</sup> and 5<sup>th</sup> meeting of the Geotechnical Advisory Committee.
- Finalized the preparations for the December 12<sup>th</sup> CSS/Land Use open house.
- Updated the "roll out strategy" for the DEIS.
- Prepared for the December 12<sup>th</sup> state/federal agencies meeting.
- Supplied to MDOT a draft of the mailer for the DRIC public hearing.
- Supplied to MDOT a draft video script for the DRIC public hearing.
- Drafted for internal review the brochure for the DRIC public hearing.

**B. Products**

- Notes and supporting materials for the above meetings.
- Draft mailer, video script, and brochure for the DEIS hearing.

**C. Task Evaluation**

- The GeoAdGrp meeting was well attended. It produced momentum to wrap up this area of work at the next meeting of the Group on February 13, 2008.
- Materials for the public hearing are ready for review by MDOT.

**D. Upcoming Plans**

- Prepare for and participate in the following meetings:
  - ✓ December 4/5 – With the Geotechnical Advisory Group
  - ✓ December 6 – With the Steering Committee
  - ✓ December 12 – With the joint state/federal agencies
  - ✓ December 12 – With the public and the CSS/Land Use Open House
  - ✓ December 18 – With the Core Team
- Revise, as appropriate, the roll-out strategy for the DEIS.
- Make preparations as appropriate to conduct the last Geotechnical Advisory Group meeting of February 13, 2008.

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

**A. Work Progress**

- Continue to update the Traffic TRs based on MDOT comments.

**B. Products**

- Updated Traffic TRs for review by MDOT.

**C. Task Evaluation**

- Efforts continue to resolve MDOT's concerns about the overall efficacy of the modeling process, both from the regional and microsimulation standpoints.
- The Canadians have advertised for an investment-grade traffic/revenue analysis consultant to be selected at the beginning of 2008.

**D. Upcoming Plans**

- Update and finalize, if possible, the 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**

- Continue to address comments on all SEE Technical Reports.
- Updated the preliminary DEIS base upon MDOT comments on SEE issues.

B. **Products**

- Continue updates of the TRs and the DEIS.

C. **Task Evaluation**

- The DEIS continues to be updated based upon extensive comments by MDOT and by FHWA. The TRs are bettered controlled.

D. **Upcoming Plans**

- Continue to address comments on all Technical Reports.
- Update the preliminary DEIS based upon MDOT and FHWA comments.

TASK 7 (2320) – AERIAL PHOTOGRAPHY

A. **Work Progress**

- None, as none required.

**B. Products**

- None, as none required.

**C. Task Evaluation**

- This task is complete for all practical purposes.

**D. Upcoming Plans**

- None, as none required.

**TASK 8 (2330) – GEOTECHNICAL DATA**

**A. Work Progress**

- Participated in a meeting with the Canadians with respect to the results of the Brine Well Investigation program.
- Continued to revise the Draft Preliminary Technical Report on the Brine Well Investigation. Presented preliminary results to MDOT.

**B. Products**

- Revised Draft Technical Report on Brine Well Investigation Program.

**C. Task Evaluation**

- The Brine Well Investigation Program has proceeded on schedule. The team is ready to meet with the Geotechnical Group on December 4<sup>th</sup>/5<sup>th</sup>.

**D. Upcoming Plans**

- Meet with the Geotechnical Advisory Committee on December 4<sup>th</sup> and 5<sup>th</sup>. Respond to comments and questions.
- Began moving forward on the brine well abandonment process. Prepare memorandum on this subject.

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

**A. Work Progress**

- Submitted to MDOT the Conceptual Engineering Report.

- Submitted to MDOT the Conceptual Bridge Report.
- Presented to MDOT the results of the Conceptual Engineering and the Conceptual Bridge Report.

**B. Products**

- Draft Conceptual Engineering Technical Report.
- Draft Conceptual Bridge Technical Report.

**C. Task Evaluation**

- The Conceptual Engineering work is proceeding on schedule.

**D. Upcoming Plans**

- Revise the Conceptual Engineering and Conceptual Bridge Technical Reports based upon MDOT and FHWA comments.

**TASK 10 (2360) – PREPARE DEIS**

**A. Work Progress**

- Updated the DEIS based upon MDOT and FHWA comments.
- Updated the Key Issues Matrix.
- Updated the roll-out strategy for the DEIS.
- Submitted draft mailer and draft video scrip to MDOT to be used at the public hearing.

**B. Products**

- Updated versions of the preliminary DEIS.

**C. Task Evaluation**

- It now appears likely that the Preliminary DEIS will not be circulated in November as originally scheduled. The exact circulation date to the federal cooperating agencies is uncertain at this time.

**D. Upcoming Plans**

- Continue to revise the DEIS based on MDOT and FHWA comments.

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

### A. Work Progress

- Resolved that at least a 60-day comment period would be provided on the Draft DEIS from the time that the notice of availability appears in the Federal Register.
- Updated the roll-out strategy based on MDOT comments.

### B. Products

- Developed a video script to accompany the DEIS public hearing.
- Submitted to MDOT a draft video script to be used at the DRIC public hearing.
- Submitted to MDOT a draft mailer associated with the DRIC public hearing.

### C. Task Evaluation

- Based upon the extensive review of the Preliminary DEIS by MDOT and FHWA, it now appears that the document will not be ready for release for publication of a notice of availability in the Federal Register by the end of November. The date at which this will now occur is now uncertain.

### E. Upcoming Plans

- Refine the roll-out strategy for the DEIS. Hold a meeting to brief key participants.
- Revise the draft mailer and video script.
- Submit to MDOT and then revise based on comments the DEIS hearing brochure.

## TASK 12 (2510) – RECOMMENDED ALTERNATIVE

### A. Work Progress

- Work in this task has not begun.

## TASK 13 (2525) – ENGINEERING REPORT

### A. Work Progress

- Briefed MDOT on the Conceptual Engineering Report.
- Submitted the Conceptual Bridge Report to MDOT.

### B. Products

- Draft of the Conceptual Bridge Technical Report.

**C. Task Evaluation**

- The Conceptual Engineering work is proceeding according to schedule.

**F. Upcoming Plans**

- Finalize the Conceptual Engineering and Conceptual Bridge Technical Reports based upon MDOT and FHWA comments.

**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**

- Updated the Technical Report based upon comments received from the federal cooperating agencies.
- Modified the Draft Initial Site Assessment/Preliminary Site Investigation Technical Report to include the analysis of the Campbell Street site.

**B. Products**

- Updated Initial Site Assessment/Preliminary Site Investigation Technical Report based upon federal cooperating agencies' comments.
- Updated the ISA/PSI TR to include results of the Campbell Street detailed site investigation.

**C. Task Evaluation**

- Work is on schedule.

**D. Upcoming Plans**

- Respond to additional comments on the Preliminary Site Assessment/Preliminary Site Investigation Technical Report and finalize it, if appropriate.

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

### A. Work Progress

- Updated the Technical Report based upon comments received from the federal cooperating agencies.
- Modified the Draft Initial Site Assessment/Preliminary Site Investigation Technical Report to include the analysis of the Campbell Street site.

### B. Products

- Updated Initial Site Assessment/Preliminary Site Investigation Technical Report based upon federal cooperating agencies' comments.
- Updated the ISA/PSI TR to include results of the Campbell Street detailed site investigation.

### C. Task Evaluation

- Work is on schedule.

### D. Upcoming Plans

- Respond to additional comments on the Preliminary Site Assessment/Preliminary Site Investigation Technical Report and finalize it, if appropriate.

## TASK 18 (3310) – AERIAL TOPOGRAPHIC MAPPING

### A. Work Progress

- None, as none required.

### B. Products

- None, as none required.

### C. Task Evaluation

- This task is complete for all practical purposes.

### D. Upcoming Plans

- None, as none required.

TASK 19 (3320) – PHOTOGRAMMETRIC CONTROL SURVEY

A. **Work Progress**

- None, as none required.

B. **Products**

- None, as none required.

C. **Task Evaluation**

- This task is complete for all practical purposes.

D. **Upcoming Plans**

- None, as none required.

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 Preliminary U.S. Brine Well Investigation results to the Partnership Steering Committee.
- Coordinated with the Canadians to prepare a composite Brine Well Investigation Analysis and Results memo.
- Met on November 19<sup>th</sup> with representatives from Canada to discuss the Brine Well Investigation results in concert with the Conceptual Engineering Results and foundation issues.
- Continue to pursue the bore hole abandonment process.
- Prepared for the December 4<sup>th</sup>/5<sup>th</sup> Geoadvisory Group meeting.

**B. Products**

- Additional updates of the Technical Report on the Brine Well Investigation program.
- Memo prepared in cooperation with the Canadian team on the Preliminary Brine Well Investigation Program Analysis and Results.
- Contact with the property owners through MDOT to secure the right-of-entry to abandon the bore holes.

**C. Task Evaluation**

- The work-to-date will be presented to the Geotechnical Advisory Committee on December 4<sup>th</sup> and 5<sup>th</sup>. Their reactions/input will guide the analysis in this task.

**D. Upcoming Plans**

- Participate in the Geotechnical Advisory Group meetings of December 4<sup>th</sup> and 5<sup>th</sup>.
- Participate in review of the results of the Geotechnical Advisory Group meetings with the Project Working Group and Steering Committee.
- Advanced work in the foundations area so that it can be conducted in detail once the Preferred Alternative is selected.

## TASK 26 (3710) – REQUIRED MITIGATION

### A. Work Progress

- Completed the Urban Design Concepts for the Delray area consistent with the Land Use developed with public participation.
- Developed and updated the "green sheet" with respect to mitigation/enhancement.
- Updated the sections of the DEIS dealing with mitigation/enhancement.

### B. Products

- Display graphics for the December 12<sup>th</sup> CSS/Land Use Open House dealing with land use issues.
- Updated sections of the DEIS with respect to mitigation and enhancement.
- Updated project green sheet.

### C. Task Evaluation

- Continued discussions on what is mitigation and enhancement and how they will be covered in the DEIS are ongoing.

### D. Upcoming Plans

- Participate in the open house on the CSS/Land Use Concepts set for December 12<sup>th</sup>.
- Continue to update the mitigation/enhancement sections of the DEIS.
- Continue to update the green sheet on mitigation/enhancement.

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

The schedule was last updated in December 2006 as described in Section E. However, revisions to the schedule will now be necessary and will be provided to the client in draft form by January 2008. The

client now is attempting to complete all documentation by the end of September 2008. Problems with staying on the schedule for current activities will make that difficult to accomplish.

#### E. ITEMS NEEDED FROM MDOT

- Review of various Technical Reports and the updated DEIS materials.

#### F. SUBSTANTIVE VERBAL COMMENTS WITH MDOT

- At 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 21 – With the Steering Committee on the preliminary geotechnical results (teleconference)
  - ✓ November 28 – With the LAC/LAG
  - ✓ November 29 – With the Working Group
  - ✓ November 30 – With the Steering Committee on the preliminary geotechnical results (teleconference)
- 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. The last Key Issues Matrix will be completed in December.
- Monthly progress reports.
- Notes of meetings of:
  - ✓ 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 21 – With the Steering Committee on the preliminary geotechnical results (teleconference)
  - ✓ November 28 – With the LAC/LAG
  - ✓ November 29 – With the Working Group
  - ✓ November 30 – With the Steering Committee on the preliminary geotechnical results (teleconference)

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