

November 17, 2008

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

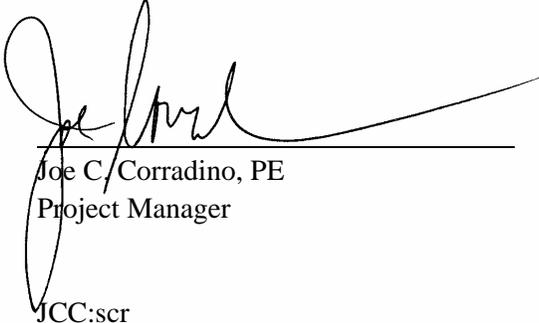
RE: DRIC EPE/EIS Project; Job No. 802330  
TCG Project No. 3600 - Invoice No. 46 Progress Report

Dear Mohammed:

Enclosed is the narrative progress report for the DRIC EPE/EIS Project. It supports Invoice No. 45 for October 2008. 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, 2008**

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:
  - ✓ October 1 – With the Working Group (by teleconference)
  - ✓ October 2 – With the Steering Committee
  - ✓ October 3 – With NS and CSX on the Delray rail line and the Transflo facility
  - ✓ October 6 – With the Detroit Parks
  - ✓ October 7 – With MDOT/FHWA on air quality issues
  - ✓ October 15 – With the Federal and State Agencies
  - ✓ October 21 – With the Core Team
  - ✓ October 23 and 24 – With MDOT and FHWA Legal on FEIS
  - ✓ October 29 – With the LAC/LAG
  - ✓ October 29 – CSS Workshop

**B. Products**

- Notes and presentation materials, as required, on each of the above-noted meetings.
- Mailer invitations to the October 29<sup>th</sup> CSS Workshop.

**C. Task Evaluation**

- The preliminary FEIS was delivered to MDOT and FHWA on October 7<sup>th</sup>.
- Meetings are still required with the City of Detroit to resolve outstanding issues.

**D. Upcoming Plans**

- Prepare for and participate in the following meetings:
  - ✓ November 4 – With the Working Group (by teleconference)
  - ✓ November 6 – With the Steering Committee
  - ✓ November 17 – With Community Benefits Coalition
  - ✓ Week of November 17 – With FHWA and others on cost verification
  - ✓ November 18 – With the Core Team

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

### **A. Work Progress**

- Continue to respond to comments and update the Level 3 TAR.

### **B. Products**

- None.

### **C. Task Evaluation**

- The TAR is being updated to account for MDOTV comments.

### **D. Upcoming Plans**

- Submit the revised Level 3 TAR to MDOT.

## 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

- Submitted the preliminary FEIS on October 7<sup>th</sup>.
- Met on October 15th with the Federal and State Agencies to review the FEIS.
- Met on October 23<sup>rd</sup> and 24<sup>th</sup> with FAA Legal and MDOT to review the FEIS.

### B. Products

- Preliminary FEIS.

### C. Task Evaluation

- The work in this area is virtually complete except for updates in response to review by the Cooperating Agencies and FHWA of the preliminary FEIS.

### D. Upcoming Plans

- Update the preliminary FEIS for submittal to MDOT/FHWA by November 14<sup>th</sup> and a final FEIS by November 25<sup>th</sup>.
- Begin printing approximately 500 copies of the FEIS.

## TASK 7 (2320) – AERIAL PHOTOGRAPHY

### A. Work Progress

- This task has been completed.

## TASK 8 (2330) – GEOTECHNICAL DATA

### A. Work Progress

- Completed seven embankment/wall borings and four bridge borings in the interchange area.
- Began two other bridge borings in the interchange area.
- Updated the Bridge Foundation Analysis Report based upon comments received from MDOT/FHWA.

**B. Products**

- Eleven completed borings in interchange area.
- Updated Bridge Foundations Analysis Report as part of the Engineering Report.

**C. Task Evaluation**

- This work was delayed in securing permits from the City of Detroit.
- The subsurface profile in the interchange area indicates that the layer between 20 and 80 feet is soft, silty clay. Therefore, there will be constructability issues with high embankments. Settlements as much as 3 inches and global stability are two of the issues to be addressed.

**D. Upcoming Plans**

- Complete the last two interchange borings.
- Draft a report on the foundations work at the interchange and constructability issues that result from the analysis of geotechnical data.

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

**A. Work Progress**

- This task has been completed.

**TASK 10 (2360) – PREPARE DEIS**

**A. Work Progress**

- This task has been completed.

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

**A. Work Progress**

- This task has been completed.

## TASK 12 (2510) – RECOMMENDED ALTERNATIVE

### A. Work Progress

- Began design of the Michigan State Police plaza facility.
- Met with NS/CSX to address the Delray rail line and relocation of the Transflo facility
- Completed the design of the Preferred Alternative interchange and bridge.

### B. Products

- Input to the Engineering Report and the FEIS.

### C. Task Evaluation

- Progress was made so that the preliminary FEIS was completed on October 7<sup>th</sup> for Federal Cooperating Agency review.

### D. Upcoming Plans

- Refine the recommended alternative based upon input from the cost verification meetings during the week of November 17<sup>th</sup>.

## TASK 13 (2525) – ENGINEERING REPORT

### A. Work Progress

- Began responding to MDOT comments on the Engineering Report.
- Incorporated utility company comments in the Engineering Report.

### B. Products

- Submitted the draft Engineering Report (seven volumes) for MDOT review and comment.

### C. Task Evaluation

- This task is proceeding according to plan.

**D. Upcoming Plans**

- Complete the Engineering Report with input from the FHWA cost-verification meeting to be held during the week of November 17th.
- Distribute on November 17th to the Federal Cooperating and State Agencies the preliminary FEIS.

**TASK 14 (2530) – PREPARE FEIS**

**A. Work Progress**

- Met with the state and federal agencies on October 15<sup>th</sup> to review the preliminary FEIS and solicited comments.
- Met with the FHWA legal team and MDOT on October 23 and 24 to review the preliminary FEIS.

**B. Products**

- Updated preliminary FEIS.

**C. Task Evaluation**

- The accelerated schedule has been met on completing the preliminary FEIS for Federal Cooperating Agency review.

**D. Upcoming Plans**

- Update the preliminary FEIS based upon the Federal Cooperating Agency comments and comments from FHWA and MDOT.
- Based upon one last review by FHWA, update the FEIS and submit it for signature before the end of November.

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

**A. Work Progress**

- Began drafting the preliminary ROD.

**B. Products**

- None, as none required.

**C. Task Evaluation**

- This task is proceeding on an accelerated schedule and a preliminary draft of the ROD is expected by early December.

**D. Upcoming Plans**

- Submit a preliminary Record of Decision for MDOT/FHWA review.

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

**A. Work Progress**

- This task has been completed.

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

**A. Work Progress**

- Evaluated test results and prepared technical report summaries of the completed PSI investigations.

**B. Products**

- Preliminary internal draft summaries of the PSI investigations.

**C. Task Evaluation**

- This work has proceeded on a slower pace than expected because of the complexity in gaining access to the needed properties.

**D. Upcoming Plans**

- Complete the PSI technical memo/reports for the completed PSI investigations.
- Assist MDOT with outstanding right-of-entry issues and continue the work as access is gained.

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

**A. Work Progress**

- This task has been completed.

## TASK 19 (3320) – PHOTOGRAMMETRIC CONTROL SURVEY

### A. Work Progress

- This task has been completed.

## TASK 20 (3330) – DESIGN SURVEY

### A. Work Progress

- This task has been completed.

## TASK 21 (3350) – HYDRAULICS SURVEY

### A. Work Progress

- A determination has been made that there will be no piers in the river. Therefore, work in this task is not needed.

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

### A. Work Progress

- Completed pickup survey on foundation borings and utility probes. Included information in the draft Engineering Report.

### B. Products

- Pickup survey on foundation borings and utility probes information included in the draft Engineering Report

### C. Task Evaluation

- All survey work is done but the right-of-way survey on the Preferred Alternative which has not been initiated. Further communication with MDOT is needed before proceeding.

### D. Upcoming Plans

- Determine how to proceed on the right-of-way survey on the Preferred Alternative.

## TASK 23 (3370) – STRUCTURE SURVEY

### **A. Work Progress**

- Prepared for and attended meeting with MACTEC, MDEQ, DEGC and DEA to discuss foundation effects on the Detroit Coke property owned by the city.
- Continued refining bridge and approach structure study.
- Continued refining the cost estimate.

### **B. Products**

- Internal update of the main bridge and approach structure study draft report.

### **C. Task Evaluation**

- The work is proceeding so that all products will be developed consistent with the accelerated schedule to complete the FEIS.

### **D. Upcoming Plans**

- Attend the cost-verification meeting during the week of November 17<sup>th</sup>
- Respond to MDOT comments on the structure-related issues.
- Continue refining the structure study.

## TASK 24 (3520) – SCOUR ANALYSIS

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

- Work in this area will not be initiated as all alternatives with piers in the river have been eliminated.

## TASK 25 (3530) – FOUNDATION INVESTIGATION

### **A. Work Progress**

- Completed seven embankment/wall borings and four bridge borings in the interchange area.
- Began two other bridge borings in the interchange area.
- Updated the Bridge Foundation Analysis Report based upon comments received from MDOT/FHWA.
- Completed seven embankment/wall borings and four bridge borings in the interchange area.
- Began two other borings interchange areas.
- Updated the Bridge Foundation Analysis Report based upon comments received from MDOT/FHWA.

**B. Products**

- Eleven completed borings in interchange area.
- Updated Bridge Foundations Analysis Report as part of the Engineering Report.

**C. Task Evaluation**

- The subsurface profile in the interchange area indicates that the layer between 20 and 80 feet is soft, silty clay. Therefore, there will be constructability issues with high embankments. Settlements as much as 3 inches and global stability are two of the issues to be addressed.

**D. Upcoming Plans**

- Complete the last two interchange borings.
- Draft a report on the foundations work at the interchange and constructability issues that result from the analysis of geotechnical data.

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

**A. Work Progress**

- Met with Federal Cooperating Agencies on October 15<sup>th</sup> to review the DRIC mitigation.
- Met with the City of Detroit Parks Department to address mitigation of park impacts.

**B. Products**

- Mitigation/community enhancement section of preliminary FEIS including the Green Sheet.

**C. Task Evaluation**

- Work on mitigation and community enhancements has been completed such that the preliminary FEIS was submitted on October 7<sup>th</sup>.

**D. Upcoming Plans**

- Respond to input from the Federal Cooperating Agencies on the preliminary FEIS as it relates to mitigation.
- Meet with the local community representatives to discuss mitigation/community benefits.

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

- Revisions to the schedule in Section G have been made with this Progress Report.

**E. ITEMS NEEDED FROM MDOT**

- Continuing review comments of the preliminary FEIS.

**F. SUBSTANTIVE VERBAL CONTACTS WITH MDOT**

- At the following meetings:
  - ✓ October 1 – With the Working Group (by teleconference)
  - ✓ October 2 – With the Steering Committee
  - ✓ October 3 – With NS and CSX on the Delray rail line and the Transflo facility.
  - ✓ October 6 – With the Detroit Parks
  - ✓ October 7 – With MDOT/FHWA on air quality issues
  - ✓ October 15 – With the federal and state agencies
  - ✓ October 21 – With the Core Team
  - ✓ October 23 and 24 – With MDOT and FHWA Legal on FEIS
  - ✓ October 29 – With the LAC/LAG
  - ✓ October 29 – CSS Workshop
- 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>1,2,3</sup>	Second week of June 2008	24 Recommended Alternative
Second week of December 2007 <sup>1,2</sup>	Second week of June 2008 <sup>3</sup>	25 Recommended Alternative Presentation
Fourth week of August 2007 <sup>1,2</sup>	Last week of November 2008 <sup>3,4,5</sup>	26 Final EIS
Fourth week of September 2007 <sup>1,2</sup>	Last week of November 2008 <sup>4,5</sup>	27 Final Engineering Report
Fourth week of November 2007 <sup>1,2</sup>	December,2008-Draft/January, 2009--Final <sup>4,5</sup>	28 MOU
Fourth week of December 2007 <sup>1,2</sup>	December,2008DRAFT/Januaty,2009--FINAL <sup>4,5</sup>	29 Access Justification Report (signature after ROD signature)
Fourth week of December 2007 <sup>1,2</sup>	December,2008-Draft/Januaty.2009 Final <sup>4,54</sup>	30 ROD

<sup>1</sup> Revised in September 2006. <sup>2</sup> Revised in January 2007. <sup>3</sup> Revised in January 2008. <sup>4</sup> Revised August 2008<sup>5</sup>Revised November 2008

## 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.
- Monthly progress report.
- Notes, as appropriate, of the following meetings:
  - ✓ October 1 – With the Working Group (by teleconference)
  - ✓ October 2 – With the Steering Committee
  - ✓ October 3 – With NS and CSX on the Delray rail line and the Transflo facility.
  - ✓ October 6 – With the Detroit Parks
  - ✓ October 7 – With MDOT/FHWA on air quality issues
  - ✓ October 15 – With the federal and state agencies
  - ✓ October 21 – With the Core Team
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  - ✓ October 29 – With the LAC/LAG
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