

October 8, 2007

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

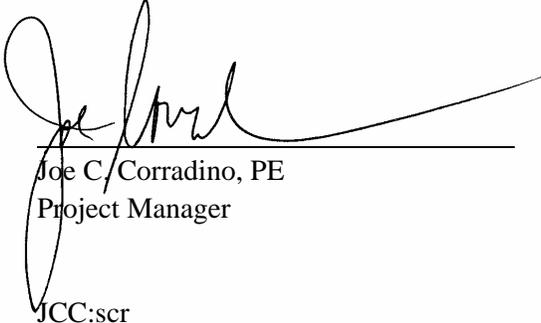
RE: DRIC EPE/EIS Project; Job No. 802330
TCG Project No. 3600 - Invoice No. 33 Progress Report

Dear Mohammed:

Enclosed is the narrative progress report for the DRIC EPE/EIS Project. It supports Invoice No. 33 for September 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
SEPTEMBER 1 THROUGH SEPTEMBER 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 September:
 - ✓ September 6 – With the Project Steering Committee
 - ✓ September 12 – With FHWA and EPA on the Air Quality Protocol
 - ✓ September 18 – With the Project Core Team
 - ✓ September 19 – With the federal and state agencies
 - ✓ September 25 – With the LAC/LAG
 - ✓ September 27 – With the Working Group
- Prepared notes, supporting graphics, and other materials for the above meetings.

B. Products

- Notes and supporting materials for the above meetings.

C. Task Evaluation

- It appears that the next workshop will be in December on the revised/refined concepts for land use and various CSS elements of the border crossing system.

D. Upcoming Plans

- Prepare for and participate in the following meetings:
 - ✓ October 4 – With the Partnership Steering Committee
 - ✓ October 23 – With the Project Core Team
 - ✓ October 24 – With the LAC/LAG

- ✓ October 25 – With the Working Group
- Finalize the approach to the next CSS workshop.
- Finalize the land use plans for the “without” and “with bridge” conditions, as well as urban design solutions that accompany the “with bridge” land use concept.

TASK 2 (2120) – PREPARE TRAFFIC ANALYSIS REPORT

A. Work Progress

- Completed the draft of the Microsimulation (VISSIM) and HCM Traffic Analysis Report. Sent it to MDOT.
- Completed the draft Travel Demand Model Technical Report. Sent it to MDOT.
- Incorporated the new alternatives (#16) into the project documentation.

B. Products

- Two volumes of the Draft Traffic Analysis Report (Travel Demand Model and Microsimulation Model).

C. Task Evaluation

- Work on completing the SEMCOG demographic forecast sensitivity analysis has been slowed. This situation will be corrected at the beginning of the next reporting period.

D. Upcoming Plans

- Respond to MDOT comments on the two volumes of the Traffic Analysis Report.
- Complete testing the revised SEMCOG growth forecasts’ effects on international travel.

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

- Conducted a field review of the Area of Potential Effect with MDOT and the SHPO.
- Conducted field work to provide information on possible formation of an historic district north of I-75.
- Completed the following Technical Reports:
 - ✓ Induced and Cumulative Impacts Analysis – third version
 - ✓ Cultural Analysis-Archaeological Investigations – second version
 - ✓ Cultural Analysis-Aboveground Investigations – third version
 - ✓ Initial Site Assessment/Preliminary Site Investigation – second version
- Distributed, with MDOT and FHWA permission, the following Technical Reports to the federal cooperating agencies:
 - ✓ Community Inventory
 - ✓ Wetlands, Threatened and Endangered Species
 - ✓ Brine Well Cavity Investigation Program
- Completed drafting two chapters of the DEIS.

B. Products

- Two additional Technical Reports (Travel Demand Model and Microsimulation Model Traffic Report).
- Third version of the Indirect and Cumulative Impacts Technical Report.
- Two chapters of the DEIS.

C. Task Evaluation

- The review of the Technical Reports is moving along expeditiously except for those dealing with cultural resources. Though it is approximately three months since the Above Ground Cultural Resources report was delivered to MDOT, it appears it may be yet another 30 days before these documents can be finalized. Further review of the study area by the State Historic Preservation Office has indicated that there may be an historic district defined on the north side of I-75.
- The West Delray Historic District has been divided into two pieces, one residential and one business-oriented, and the overall size of the districts reduced.

D. Upcoming Plans

- Continue to respond to SHPO/MDOT comments in order to finalize the Cultural Resources Technical Reports.
- Complete preliminary DEIS. Respond to comments.

TASK 7 (2320) – AERIAL PHOTOGRAPHY

A. Work Progress

- Collected check points and began conversion of data from meters to feet. Corpsicon conversion complete.

B. Products

- None this period.

C. Task Evaluation

- Work of converting metric data to feet is on schedule.

D. Upcoming Plans

- Continue survey conversion of data from metric to feet.

TASK 8 (2330) – GEOTECHNICAL DATA

A. Work Progress

- Exchanged data with Canadian drilling program.
- Continued data reduction for remaining crosswell seismic panels.
- Completed logging of all rock core.

- Revised Draft Preliminary Report on Brine Well Investigation.
- Transferred rock core to Western Michigan University. Awaiting agreement finalization with MDOT.

B. Products

- Revised Draft Preliminary Report on Brine Well Investigation (including Turpening, Diehl, and Cording draft reports).
- Draft rock core custody agreement.

C. Task Evaluation

- Work is providing interesting and sound results.

D. Upcoming Plans

- Present Draft Preliminary Report on Brine Well Investigation to MDOT.
- Continue to refine analysis of potential void propagation based on final geophysics and core test results.
- Continue processing and analysis of geophysical data.
- Finalize the rock core custody agreement.

TASK 9 (2340) – PRACTICAL ALTERNATIVES

A. Work Progress

- Continued to develop local access to and from the plazas.
- Continued to refine plaza geometry to meet local access and interstate ramps requirements.
- Continued developing Alternative #16 to respond to local access issues.
- Continued incorporating grade changes into the remaining two plaza configurations.
- Continued the Conceptual Engineering Analysis of the alternative river crossings.
- Continued drafting the Conceptual Engineering Report.

B. Products

- Internal draft of Conceptual Engineering Report.

C. Task Evaluation

- The DRIC Deputy Project Manager for Engineering of the Consulting Team has departed for another assignment. Appropriate substantiation of various issues, including budget matters, must be provided to the MDOT Project Manager to finalize approval of this transfer and the substitution with other personnel.

D. Upcoming Plans

- Complete the Conceptual Engineering Report of the alternative river crossings.
- Complete the overall DRIC Preliminary Engineering Report.

TASK 10 (2360) – PREPARE DEIS

A. Work Progress

- Updated the first two chapters of the DEIS.
- Continued to draft the six remaining chapters of the DEIS.
- Updated the Key Issues Matrix (twice).

B. Products

- Updated version of the first two chapters of the DEIS.
- Internal draft of the remaining six chapters of the DEIS.

C. Task Evaluation

- Review of the Technical Reports is proceeding expeditiously.

D. Upcoming Plans

- Complete drafting the DEIS. Respond to comments.
- Update Key Issues matrix.
- Begin preparing for the EIS “roll out” strategy.
- Begin preparing for the December CSS workshop.
- Begin preparing for the January DEIS Public Hearing.

TASK 11 (2380) – DEIS AVAILABILITY/PUBLIC HEARING

A. Work Progress

- Work in this task has not been initiated.

TASK 12 (2510) – RECOMMENDED ALTERNATIVE

A. Work Progress

- Work in this task has not been initiated.

TASK 13 (2525) – ENGINEERING REPORT

A. Work Progress

- Drafted the first version of the Conceptual Engineering Report.

B. Products

- Internal draft of the Conceptual Engineering Report.

C. Task Evaluation

- Work is proceeding on schedule.

E. Upcoming Plans

- Complete the draft of the Conceptual Engineering Report and provide it to MDOT for review.

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

- Revised and finalized the Initial Site Assessment/Preliminary Site Investigation Technical Report and submitted it to FHWA for review.

B. Products

- Updated version of the Initial Site Assessment/Preliminary Site Investigation Technical Report.

C. Task Evaluation

- Work is proceeding on schedule.

D. Upcoming Plans

- Revise the Initial Site Assessment/Preliminary Site Investigation Technical Report based on FHWA comments and distribute to federal agencies.

TASK 17 (2820) – CONDUCT PRELIMINARY SITE INVESTIGATION

A. Work Progress

- Revised and finalized the Initial Site Assessment/Preliminary Site Investigation Technical Report and submitted it to the FHWA for review.

B. Products

- Updated version of the Initial Site Assessment/Preliminary Site Investigation Technical Report.

C. Task Evaluation

- Work is proceeding on schedule.

D. Upcoming Plans

- Revise the Initial Site Assessment/Preliminary Site Investigation Technical Report based on FHWA comments and distribute to federal agencies.

TASK 18 (3310) – AERIAL TOPOGRAPHIC MAPPING

A. Work Progress

- Conversion of data from meters to feet.

B. Products

- None.

C. Task Evaluation

- Work on converting metric data to feet is on schedule.

D. Upcoming Plans

- Complete conversion of data from meters to feet.

TASK 19 (3320) – PHOTOGRAMMETRIC CONTROL SURVEY

A. Work Progress

- Conversion of data from meters to feet.

B. Products

- None.

C. Task Evaluation

- Work on converting metric data to feet is on schedule.

D. Upcoming Plans

- Continue conversion of data from meters to feet.

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

- Work has not been initiated on this task.

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

- Exchanged data with Canadian drilling program.
- Continued data reduction for remaining crosswell seismic panels.
- Completed logging of all rock core.
- Revised Draft Preliminary Report on Brine Well Investigation.
- Transferred rock core to Western Michigan University, pending agreement finalization with MDOT.

B. Products

- Revised Draft Preliminary Report on Brine Well Investigation (including Turpening, Diehl, and Cording draft reports).
- Draft rock core custody agreement.

C. Task Evaluation

- Work is providing interesting and sound results.

D. Upcoming Plans

- Present Draft Preliminary Report on Brine Well Investigation to MDOT.
- Continue to refine analysis of potential void propagation based on final geophysics and core test results.
- Continue processing and analysis of geophysical data.
- Finalize the rock core custody agreement.

TASK 26 (3710) – REQUIRED MITIGATION

A. Work Progress

- Prepared for the meeting on October 3rd to discuss with MDOT and FHWA appropriate Mitigation and Community Enhancement Concepts.

B. Products

- None, as none required.

C. Task Evaluation

- Developing the Mitigation/Community Enhancement Concepts is essential to moving the project forward.

D. Upcoming Plans

- Meet on October 3rd to develop the Mitigation/Community Enhancement Concepts.
- Complete the Delray Land Use Plan Concepts with and without a new crossing.
- Complete the Delray Urban Design Concepts consistent with the DRIC Crossing Land Use Plan.

D. UPDATE OF PREVIOUSLY APPROVED SCHEDULE (ATTACHED)

The schedule was last updated in December 2006 as described in Section E.

E. ITEMS NEEDED FROM MDOT

- Approval of the Custody Agreement for storage of the rock cores from the drilling program.

F. SUBSTANTIVE VERBAL COMMENTS WITH MDOT

- At the following meetings:
 - ✓ September 6 – With the Project Steering Committee
 - ✓ September 12 – With FHWA and EPA on the Air Quality Protocol
 - ✓ September 18 – With the Project Team
 - ✓ September 19 – With the federal and state agencies
 - ✓ September 25 – With the LAC/LAG
 - ✓ September 27 – With the Working Group
- 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 ¹	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 ¹	First week of November 2006	13 Context Sensitive Design 3
Additional Task ^{1,2}	Second week of February 2007	14 Context Sensitive Design 4
Additional Task ^{1,2}	Second week of April 2007	15 Context Sensitive Design 5
Additional Task ^{1,2}	Second week of June 2007	16 Context Sensitive Design 6
Fourth week of July 2006 ^{1,2}	Last week of July 2007	17 Engineering Concepts Report
Second week of August 2006 ^{1,2}	Second week of August 2007	18 Preliminary DEIS
Fourth week of November 2006 ^{1,2}	Second week of November 2007	19 Public Hearing Script/Video
Second week of October 2006 ^{1,2}	Mid-October 2007	20 Draft DEIS
Second week of December 2006 ^{1,2}	End of December 2007	21 FHWA Approved DEIS
Second week of January 2007 ^{1,2}	Mid-January 2008	22 DEIS Public Hearing
Second week of April 2007 ^{1,2}	Mid-February 2008	23 Public Hearing Transcript Comment Summary
Fourth week of July 2007 ^{1,2}	Second week of April 2008	24 Recommended Alternative
Additional Task ^{1,2}	First week of April 2008	25 Public Meeting
Additional Task ^{1,2}	First week of June 2008	26 Public Meeting
Second week of December 2007 ^{1,2}	Last week of August 2008	27 Recommended Alternative Presentation
Fourth week of August 2007 ^{1,2}	Last week of August 2008	28 Final EIS
Fourth week of September 2007 ^{1,2}	Last week of October 2008	29 Final Engineering Report
Fourth week of November 2007 ^{1,2}	Last week of October 2008	30 MOU
Fourth week of December 2007 ^{1,2}	Last week of October 2008	31 Access Justification Report (signature after ROD signature)
Fourth week of December 2007 ^{1,2}	Last week of November 2008	32 ROD

¹ Revised in September 2006.² 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.
- Three status reports.
- Two “Key Issues” matrices.
- Monthly progress reports.
- Notes of meetings of:
 - ✓ September 6 – With the Project Steering Committee
 - ✓ September 12 – With FHWA and EPA on the Air Quality Protocol
 - ✓ September 18 – With the Project Team
 - ✓ September 19 – With the federal and state agencies
 - ✓ September 25 – With the LAC/LAG
 - ✓ September 27 – With the Working Group

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