

September 10, 2007

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

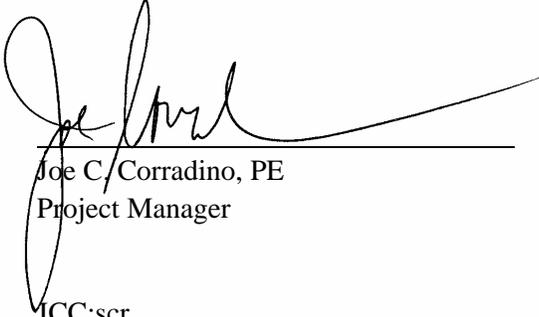
RE: DRIC EPE/EIS Project; Job No. 802330
TCG Project No. 3600 - Invoice No. 32 Progress Report

Dear Mohammed:

Enclosed is the narrative progress report for the DRIC EPE/EIS Project. It supports Invoice No. 32 for August 2007. The invoice will be submitted under separate cover to Portia VanPelt.

Please call if you have any questions or comments.

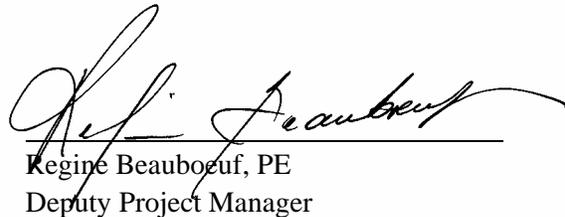
Sincerely yours,



Joe C. Corradino, PE
Project Manager

JCC:scr

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Regine Beauboef, PE
Deputy Project Manager

Attachment

**PROGRESS REPORT
THE CORRADINO GROUP
DRIC EPE/EIS PHASE
AUGUST 1 THROUGH AUGUST 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 August:
 - ✓ August 2 – With the Project Steering Committee
 - ✓ August 8 – With the public on a Context Sensitive Solution Workshop
 - ✓ August 8 – With MDOT to collaborate on the preparation of the Draft Environmental Impact Statement and supporting Technical Reports
 - ✓ August 15 – With the Private Sector Advisory Group
 - ✓ August 21 – With the Project Core Team
 - ✓ August 23 – With the Blue Water Bridge Project Team
 - ✓ August 23 – With MDOT to collaborate on the DEIS Technical Reports
 - ✓ August 24 – With CBP/CSA on Plazas.
 - ✓ August 24 – With MDOT on the Brine Well Investigation Program
 - ✓ August 29 – With the LAC/LAG
 - ✓ August 29 – With MDOT and FHWA to collaborate on the DEIS preparation
 - ✓ August 30 – With the Project Working Group
- Prepared notes for all of the above meetings.
- Prepared supporting graphics and other materials for many of the above meetings.

B. Products

- Materials for the CSS workshop.
- Notes for all of the above meetings.

C. Task Evaluation

- The August 8 Steering Committee meeting was attended by over 130 people. A number were associated with the Military Avenue Church. They appear to provide preferences at the lowest end of the scale on all concepts for River Crossing elements of all Context Sensitive Solutions. This input is considered more a vote against the project than a CSS preference. As in the past, input from the LAC/LAG will be incorporated with these results as they are finalized.
- The CSS input from the Canadians is now awaited so that the next public meeting that will present the Preferred Concepts for CSS treatments of all crossing system elements and Delray Land Use Concept Plan.

D. Upcoming Plans

- Prepare for and participate in the following meetings:
 - ✓ September 6 – With the Project Steering Committee
 - ✓ September 12 – With FHWA and EPA on Air Quality Protocol
 - ✓ September 18 – With the Project Core Team
 - ✓ September 19 – With the federal and state agencies
 - ✓ September 26 – With the LAC/LAG
 - ✓ September 27 – With the Working Group
- Finalize, with Canadian input, the CSS preferences and the Delray Land Use Concept Plan.
- Develop a land use plan for the “without bridge” conditions. Two concepts will be presented.

TASK 2 (2120) – PREPARE TRAFFIC ANALYSIS REPORT**A. Work Progress**

- Continued drafting the Traffic Analysis Report.
- Continued the Traffic Microsimulation Analyses.

B. Products

- Internal draft of the Traffic Analysis Report.

C. Task Evaluation

- Efforts have been slowed on the security analysis of the sensitivity of revised SEMCOG demographic forecasts as well as apply the STEAM model. The delay is attributable to the completing the Traffic Analysis Report.
- An additional alternative has been added (Alternative #16) to include in the traffic analysis.

D. Upcoming Plans

- Complete the draft of the Traffic Analysis Report and submit it to MDOT.
- Begin testing the revised SEMCOG growth forecast.
- Incorporate the new alternative (Alternative #16) into the project documentation.

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

- Completed, by the end of August, the following Technical Reports:
 - ✓ Induced Demand – second version
 - ✓ Air Quality Analysis – first version
 - ✓ Community Inventory – third version
 - ✓ Induced and Cumulative Impacts Analysis – second version
 - ✓ Cultural Analysis-Archaeological Investigations – first version
 - ✓ Cultural Analysis-Aboveground Investigations – second version
 - ✓ Wetlands Threatened and Endangered Species – third version

- ✓ Initial Site Assessment/Preliminary Site Investigation – first version
- ✓ Noise Study – first version
- ✓ Brine Well Cavity Investigation Program/Volume 1 – second version

B. Products

- Completed drafting all but two Technical Reports and submitted them to MDOT.

C. Task Evaluation

- The collaboration on the Technical Reports has produced a streamlined approach to review and revising them. It is expected this will be carried over to writing the DEIS.
- The DEIS format is now under review. The first two chapters have been submitted in two different samples to select the format.
- The progress has slowed on taking the next steps to dealing with the Detroit Parks Department. MDOT must provide direction in the near-term.
- Considerable difficulty has been encountered in attempting to make progress on the Cultural Analysis Technical Reports. It now appears that of all TRs submitted so far, that these Cultural TRs may be the critical path items to completing documentation by the end of December 2007.

D. Upcoming Plans

- Receive comments from MDOT on the following Technical Reports and revise accordingly:
 - ✓ Initial Site Assessment/Preliminary Site Investigation (Contamination)
 - ✓ Noise Study
- Take the next steps in meeting with the Detroit Parks Department on 4(f) and 6(f) issues.

TASK 7 (2320) – AERIAL PHOTOGRAPHY

A. Work Progress

- Corrected check points and began conversion of data from metric to English. Propsicon conversion complete.

B. Products

- None, as none required.

C. Task Evaluation

- The conversion from metric to English is being undertaken without any difficulties.

D. Upcoming Plans

- Plans for the next reporting period: Complete survey conversion of data from metric to English.

TASK 8 (2330) – GEOTECHNICAL DATA

A. Work Progress

- Finalized data sharing protocol with Canadians.
- Completed logging for bore hole TB-2 and TB-4.
- Completed data reduction for all remaining crosswell seismic panels.
- Completed logging of all rock core.
- Drafted a rock core custody agreement for MDOT review and execution.
- Began preparing for transfer of the rock core to a secure location, preferably Western Michigan University.
- Prepared the fourth Cost Containment memorandum.
- Updated the Brine Well Investigation Program Technical Report – Volume 1.
- Continued work on drafting the next volume of the report on the Brine Well Investigation Program.

B. Products

- Draft Rock Core Custody Agreement.
- Second draft of Brine Well Investigation Program Technical Report – Volume 1.

C. Task Evaluation

- MDOT is still reviewing the Rock Core Custody Agreement. Resolution is needed as soon as possible.
- The latest drilling program Cross Containment memo indicates that the budget will be in balance.

D. Upcoming Plans

- Complete gravity survey data reduction.
- Perform the geotechnical analysis of potential void propagation based on final geophysics core and test results.
- Continue processing and analyzing geophysical data.
- Complete drafting Volume 2 of the Brine Well Investigation Program Technical Report.

TASK 9 (2340) – PRACTICAL ALTERNATIVES

A. Work Progress

- Introduced a new alternative (Alternative #16) and received MDOT/FHWA approval to include it in the DRIC documentation from MDOT.
- Continued developing the Bridge Conceptual Engineering Report.
- Completed the draft structural detail drawings of the crossing.
- Began detailed process to define the cost of the crossings.
- Revised the two remaining plazas consistent with CBP/CSA input and to create greater spacing to the degree possible between plaza activity areas and Southwestern High School.
- Participated in a teleconference on August 24 with CBP/CSA to further advance plazas and related security issues.

B. Products

- None, as none required.

C. Task Evaluation

- Cooperation with CBP/GSA has reached the point at which enough information has been exchanged that the plaza work continues without the need for additional monthly interaction.
- CBP/GSA has provided a contact at the Transportation Security Administration so that the following issues can be addressed as it relates to the new crossing: the Mistersky Power Plant; the DIE electrical substation; and, access to the river front from the Delray neighborhood.

D. Upcoming Plans

- Continue to advance the conceptual engineering analysis of the alternative river crossings.
- Continue the analysis of the additional alternatives which provide better access to the local community north and south of I-75.
- Receive from the Canadian team its CSS results on the concept of the crossing (cable span suspension bridges) so work in this area can be advanced.
- Decide whether October or November is the next best time for a public meeting dealing with the most preferred CSS and land use concepts.

TASK 10 (2360) – PREPARE DEIS

A. Work Progress

- Met with MDOT on August 8th, 23rd and 29th to collaborate on the Technical Report and DEIS preparation.
- Reviewed format and provided the first two chapters of the DEIS.
- Continue to respond to comments by MDOT on the previously submitted Technical Reports.
- Submitted, by the end of August, the following Technical Reports.
 - ✓ Induced Demand – second version
 - ✓ Air Quality Analysis – first version
 - ✓ Community Inventory – third version
 - ✓ Induced and Cumulative Impacts Analysis – second version
 - ✓ Cultural Analysis-Archaeological Investigations – first version
 - ✓ Cultural Analysis-Aboveground Investigations – second version
 - ✓ Wetlands Threatened and Endangered Species – third version
 - ✓ Initial Site Assessment/Preliminary Site Investigation – first version
 - ✓ Noise Study – first version
 - ✓ Brine Well Cavity Investigation Program/Volume 1 – second version
- Updated the “Key Issues” matrix (twice).
- Conducted the CSS Workshop of the crossing only.

B. Products

- Material for the CSS August 8th workshop.
- The Technical Reports listed above.
- The first two chapters of the DEIS.

C. Task Evaluation

- MDOT is deliberating the format for the DEIS. A resolution of that issue is expected in the next reporting period.
- Preparation and review of the Technical Reports is going smoothly.

D. Upcoming Plans

- Continue to draft the DEIS.
- Revise and finalize the following Technical Reports:
 - ✓ Cultural Analysis-Archaeological Investigations
 - ✓ Cultural Analysis-Aboveground Investigations

- ✓ Initial Site Assessment/Preliminary Site Investigation
- ✓ Noise
- ✓ Brine Well Investigation Program-Volume 2
- Update the “Key Issues” matrix (twice).
- Determine whether October or November will be the next time for a public meeting on CSS and land use concepts.

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

- Work in this task has not been initiated.

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

- Conducted site visit/interviews of additional parcels.
- Addressed an Initial Site Assessment Report.

- Attended collaboration session on August 23rd with MDOT and spoke with MDOT by phone to review the report.

B. Products

- Draft of Initial Site Assessment/Preliminary Site Investigation Technical Report.

C. Task Evaluation

- Work is proceeding on schedule.

D. Upcoming Plans

- Revise and finalize the Initial Site Assessment/Preliminary Site Investigation Technical Report.

TASK 17 (2820) – CONDUCT PRELIMINARY SITE INVESTIGATION

A. Work Progress

- Conducted Phase II Investigation of vacant lots owned by the City of Detroit on Waterman Street.
- Evaluated laboratory reports and serial boring information.
- Forwarded laboratory reports and serial boring logs of the Waterman Street property's investigation to MDOT for eventual delivery to the City of Detroit.
- Received right-of-entry for a parcel at 127 Campbell Street from the City of Detroit and began laying plans for the site investigation.
- Prepared a draft of the preliminary site investigation section of the Technical Report.
- Attended on August 23rd a report review session with MDOT and spoke by phone with MDOT to review the document.

B. Products

- Draft Technical Report on Initial Site Assessment/Preliminary Site Investigation.

C. Task Evaluation

- Work is proceeding on schedule.

D. Upcoming Plans

- Conduct a Phase II Investigation of the property at 127 Campbell.
- Revise and finalize the Initial Site Assessment/Preliminary Site Investigation Technical Report.

TASK 18 (3310) – AERIAL TOPOGRAPHIC MAPPING

A. Work Progress

- Began conversion of the data in this task from the metric to English.

B. Products

- None, as none required.

C. Task Evaluation

- Work is proceeding on schedule.

D. Upcoming Plans

- Continue conversion of the data in this task from metric to English.

TASK 19 (3320) – PHOTOGRAMMETRIC CONTROL SURVEY

A. Work Progress

- Began conversion of the data in this task from the metric to English.

B. Products

- None, as none required.

C. Task Evaluation

- Work is proceeding on schedule.

D. Upcoming Plans

- Continue conversion of the data in this task from metric to English.

TASK 20 (3330) – DESIGN SURVEY

A. Work Progress

- None, as none required.

B. Products

- None, as none required.

C. Task Evaluation

- This task is 30 percent complete.

D. Upcoming Plans

- Continue work on survey report.
- Conduct surveys as requested.

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

- Finalized data sharing protocol with Canadians.
- Completed the logging for bore hole TB-2 and TB-4.
- Completed data reduction for all remaining crosswell seismic panels.
- Completed logging of all rock core.

- Drafted a rock core custody agreement for MDOT review and execution.
- Began preparing for transfer of the rock core to a secure location, preferably Western Michigan University.
- Prepared the fourth Cost Containment memorandum.
- Updated the Brine Well Investigation Program Technical Report – Volume 1.
- Continued work on drafting the next volume of the report on the Brine Well Investigation Program.

B. Products

- Draft Rock Core Custody Agreement.
- Second draft of Brine Well Investigation Program Technical Report – Volume 1.

C. Task Evaluation

- MDOT is still reviewing the Rock Core Custody Agreement. Resolution is needed as soon as possible.
- The latest drilling program Cross Containment memo indicates that the budget will be in balance.

D. Upcoming Plans

- Complete gravity survey data reduction.
- Perform the geotechnical analysis of potential void propagation based on final geophysics core and test results.
- Continue processing and analyzing geophysical data.
- Complete drafting Volume 2 of the Brine Well Investigation Program Technical Report.

TASK 26 (3710) – REQUIRED MITIGATION

A. Work Progress

- Continued revisions of the Delray Land Use Concept Plan and integrate with the CSS work for a proposed meeting with the community in either October or November.
- Continued to develop the Delray Land Use Concept Plan “without” a new DRIC crossing.

B. Products

- None, as none required.

C. Task Evaluation

- Developing Mitigation/Enhancements through collaboration with MDOT is needed.

D. Upcoming Plans

- Complete the revisions to the Delray Land Use Concept Plan and integrate with the CSS work.
- Complete the Delray Land Use Concept Plan “without” a new crossing.

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

- Determination on the next steps with the City of Detroit Parks Department.
- Decision on the format of the Draft Environmental Impact Statement.
- Meeting on Mitigation/Enhancements.
- Approval of the Custody Agreement for storage of the rock cores from the drilling program.

F. SUBSTANTIVE VERBAL CONTACTS WITH MDOT

- At the following meetings:
 - ✓ August 2 – With the Project Steering Committee
 - ✓ August 8 – With the public on a Context Sensitive Solution Workshop
 - ✓ August 8 – With MDOT to collaborate on the preparation of the Draft Environmental Impact Statement and supporting Technical Reports
 - ✓ August 15 – With the Private Sector Advisory Group
 - ✓ August 21 – With the Project Core Team
 - ✓ August 23 – With the Blue Water Bridge Team
 - ✓ August 23 – To collaborate again on the DEIS Technical Reports
 - ✓ August 24 – With CBP/CSA
 - ✓ August 24 – With MDOT on the Brine Well Investigation Program
 - ✓ August 29 – With the LAC/LAG
 - ✓ August 29 – To collaborate with MDOT and FHWA on the DEIS preparation

- ✓ August 30 – With the Project 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:
 - ✓ August 2 – With the Project Steering Committee
 - ✓ August 8 – With the public on a Context Sensitive Solution Workshop
 - ✓ August 8 – With MDOT to collaborate on the preparation of the Draft Environmental Impact Statement and supporting Technical Reports
 - ✓ August 15 – With the Private Sector Advisory Group
 - ✓ August 21 – With the Project Core Team
 - ✓ August 23 – With the Blue Water Bridge Team
 - ✓ August 23 – To collaborate again on the DEIS Technical Reports
 - ✓ August 24 – With CBP/CSA
 - ✓ August 24 – With MDOT on the Brine Well Investigation Program
 - ✓ August 29 – With the LAC/LAG
 - ✓ August 29 – To collaborate with MDOT and FHWA on the DEIS preparation
 - ✓ August 30 – With the Project Working Group