

August 6, 2007

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

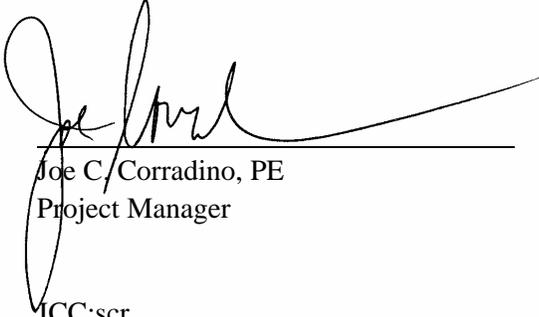
RE: DRIC EPE/EIS Project; Job No. 802330
TCG Project No. 3600 - Invoice No. 31 Progress Report

Dear Mohammed:

Enclosed is the narrative progress report for the DRIC EPE/EIS Project. It supports Invoice No. 31 for July 2007. The invoice will be submitted under separate cover to Portia VanPelt.

Please call if you have any questions or comments.

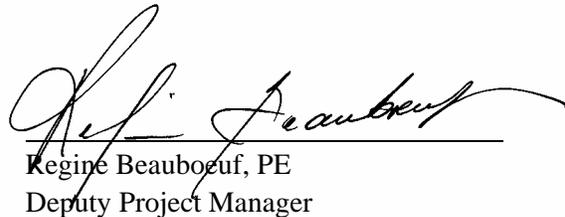
Sincerely yours,



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
JULY 1 THROUGH JULY 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 July:
 - ✓ July 11 – With the new director (Perez) and the departing director (Dhillon) of the Customs and Border Protection Office for the Detroit District
 - ✓ July 17 – With the Project Steering Committee
 - ✓ July 17 – With the Core Team
 - ✓ July 17 – With MDOT on draft CSS presentation
 - ✓ July 18 – With SEMCOG dealing with their travel demand modeling (by teleconference)
 - ✓ July 25 – With the LAC/LAG
 - ✓ July 25 – With Customs & Border Protection/General Services Administration (by teleconference)
 - ✓ July 26 – With the Working Group
 - ✓ July 30 – August 2 – At the Relocation Workshops
 - ✓ July 31 – With the City of Detroit Parks Department representative
 - ✓ July 31 – With a representative of the Southwest Detroit community (Father Hanthon of Holy Redeemer Church)
- Prepared notes for all of the above meetings.
- Coordinated with the Canadian team to integrate the work of both groups for the upcoming CSS meetings. U.S. meeting set for August 8th dealing with the river crossing only.

B. Products

- Graphics for the CSS workshop, logistics and other support materials for the relocation workshops all to be held at the Delray Recreation Center.
- Notes for all of the above meetings.

C. Task Evaluation

- The meeting of August 2nd with the Steering Committee allowed refinement of the project schedule such that the announcement of a Preferred Alternative is now established for April 2008.
- The meeting with the new Director (Perez) of the Customs and Border Protection Detroit District was very positive.
- A statement in the relocation workshop invitation letter created the need to extend the workshops to July 30. That additional day at the beginning of the program will allow the process of exchanging information with potential relocatees to be worked out.
- While the U.S. CSS workshop will be on August 8th, the time and method by which information will be gained in Canada on the crossing is not yet fully defined. Nonetheless, it is expected that information from both the Canadian and U.S. teams on the bridge will be available at such a time that a composite workshop dealing with all aspects of the river crossing system, as well as the land use components in and around Delray, will be presented to the public in October.
- One hundred forty-one property owner/tenants attended the relocation workshops. Virtually none were from the two apartment buildings containing 100 units. As a result, the attendance represents almost 50 percent of the heads of households (owners/renters) of the single-family residential structures in the potentially affected area of the DRIC project.

D. Upcoming Plans

- Prepare for and participate in the following meetings:
 - ✓ August 8 – At CSS Workshop
 - ✓ August 8 – In Collaboration with MDOT on DEIS
 - ✓ August 15 – With the Private Sector Advisory Group
 - ✓ August 21 – Core Team meeting
 - ✓ August 23 – Collaborate with MDOT on the DEIS
 - ✓ August 29 – With the LAC/LAG
 - ✓ August 30 – With the Working Group
- Continue refining the Delray Land Use Concept Plan consistent with the input from the City of Detroit Economic Growth Corporation, the Planning and Development Department and the Planning Commission.

- Develop the land use plan for the “without bridge” condition. Two concepts will be presented.
- Complete the basic microsimulation analyses.

TASK 2 (2120) – PREPARE TRAFFIC ANALYSIS REPORT

A. Work Progress

- Received MDOT comments on the Blue Water Bridge traffic analysis with an indication that the range of forecast was an essential part of the travel demand forecasting process.
- Collaborated with SEMCOG to review a “sensitivity testing procedure” that will be responsive to their changes in population growth (a reduction of 75 percent from previous forecasts) and employment (a reduction of about 50 percent from previous forecasts).
- Received from the Canadian team comments on the latest travel demand modeling routes.
- Received comments from the Federal Highway Administration on the latest regional traffic demand and microsimulation modeling.
- Continued the microsimulation analysis
- Continued drafting the traffic analysis report on both regional travel demand and microsimulation.

B. Products

- None as none required.

C. Task Evaluation

- The SEMCOG response to the Blue Water Bridge forecast provides a clear indication that a range of forecasts is essential to understanding the border crossing dynamics in light of the various changes being experienced in travel patterns. This is handled in the DRIC process by using both the single-logit model for a high-side forecast and the nested-logit model for the lower forecast in the range.
- The Canadian response to the most recent U.S. travel demand report takes no stand on the use of nested-logit model. Nonetheless, the work to be done in the documentation in the U.S. must include a strategic way to approach that issue will be developed in August.
- The response from FHWA on the latest travel demand/system approaches was very positive. The few questions raised will be addressed in the traffic analysis report.
- The interaction with SEMCOG was also positive with respect to sensitivity testing the changes in traffic that result from a significant reduction in growth in population and employment.

D. Upcoming Plans

- Continue drafting the traffic analysis report.
- Complete the traffic microsimulation analyses.
- Begin the sensitivity testing of the reduced SEMCOG growth forecast.

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

- Continued drafting five remaining technical reports and delivered the draft TR to MDOT on the Air Quality Analysis.
- Met with the Parks Department (July 31st) in order to define 4(f) and 6(f) impacts.

B. Products

- Draft Air Quality Technical Report submitted to MDOT.

C. Task Evaluation

- The collaboration on the Tech Reports is key to preparing the DEIS.

D. Upcoming Plans

- Continue collaboration with the Detroit Parks Department on 4(f) and 6(f) issues.

- Continue drafting the following technical report for submission by mid-August to MDOT for reviews:
 - ✓ Indirect and Cumulative Effects
 - ✓ Initial Site Assessment/Preliminary Site Investigation (Contamination)
 - ✓ Noise and Vibration Studies
- Continue drafting the Traffic Analysis Report for submittal by mid-September.
- Continue drafting the Conceptual Engineering Report for submittal by the middle of October.
- Prepare for the next quarterly meeting of the federal and state agencies set for September 19, 2007.
- Respond comments on draft technical reports as they are received from MDOT.

TASK 7 (2320) – AERIAL PHOTOGRAPHY

A. Work Progress

- No work conducted while the protocol is finalized to translate from metric to English all products delivered by Woolpert.

B. Products

- None, as none required.

C. Task Evaluation

- Plans for the next reporting to add checkpoints and begin conversion of data from metric to English.
- The Woolpert proposal is very effective for completing the conversion of the metric to English the products delivered to date. The work will be conducted on two crossings as soon as possible.

D. Upcoming Plans

- Begin the conversion of products delivered to date from metric to English.

TASK 8 (2330) – GEOTECHNICAL DATA

A. Work Progress

- Completed gravity survey logging and began to evaluate data.
- Completed the issuance of daily field reports and weekly summaries of the U.S. drilling program.

- Began the analysis of potential void propagation based on final geophysics (crosswell) and other data.
- Determined to apply VSP in selected locations in Corridors X-10.
- Developed a data sharing protocol with the Canadian team.
- Assessed impact of Canadian schedule on completing the end-to-end geotechnical analysis.

B. Products

- None as none required.

C. Task Evaluation

- The review of the Canadian drilling progress indicates that the field work will not be done until the middle of August. Because analysis of the data produced is on a first-come, first-served basis analysis of the Canadian data is be “backed up” behind the U.S. data which will continue to be analyzed into late August. Therefore, the early September meeting of the Geotechnical Advisory Group is not possible. A revised schedule indicates that the Geotechnical Advisory Group will be convened in early September and receive a composite report developed through collaboration of the two geotech teams. It will be delivered approximately two weeks in advance of the GeoAdGroup meeting.

D. Upcoming Plans

- Set meeting with GeoAdGrp.
- Complete gravity survey logging and evaluate the data.
- Issue daily field reports and weekly summaries of the deep drilling program.
- Begin the analysis of potential void propagation based on final geophysics and other data.
- Evaluate the need for the VSP and implement, as appropriate.
- Develop data sharing protocol with the Canadian team.
- Assess impact of Canadian schedule on completing the geotechnical analysis.

TASK 9 (2340) – PRACTICAL ALTERNATIVES

A. Work Progress

- Continued to incorporate the presence of the Delray rail line into the development/analysis of the Practical Alternative.
- Revised plaza layouts for CBP/GSA and MDOT review.
- Developed a preliminary additional interchange alternative--Alternative 1 Modified-- for MDOT/FHWA consideration.
- Continued work on the Bridge Conceptual Engineering Report.

B. Products

- Final version of the Bridge-type Study Report.

C. Task Evaluation

- The Bridge-type Study Report was finally completed and distributed on July 31st by the Canadian team.
- The meeting via teleconference with CBP/GSA focused on the potential for the Program of Requirements to be further refined by these agencies. CBP indicated that further refinement is not expected. Further discussions with CBP are scheduled for August 24th at 1 p.m. to resolve additional issues dealing with the plaza as well as with security measures.
- Further analysis of changes in local access conditions with changes to I-75 have lead to preliminary development of another interchange alternative. It will be discussed at the next DRIC Core team meeting to determine if it is to be added to the list of Practical Alternatives.

D. Upcoming Plans

- Continue to advance the conceptual engineering analysis of the alternative river crossings.
- Potentially add an additional interchange (a modification to Alternative 1) to better provide access to the local community north and south of I-75.
- Participate in a teleconference on August 24th with CBP/GSA to further advance plaza and related security issues.
- Receive from the Canadian team its CSS results so that the concepts for the crossing (cable stay and suspension bridges) can be advanced.

TASK 10 (2360) – PREPARE DEIS

A. Work Progress

- Submitted the Air Quality Technical Report for MDOT review.
- Submit by mid-August the following technical reports:

- ✓ Indirect and Cumulative Impacts
- ✓ Initial Site Assessment/Preliminary Site Investigation (Contamination)
- ✓ Noise and Vibration Studies
- Continued to draft the Traffic Analysis Report for submission in mid-September.
- Continued drafting the Conceptual Engineering Report for submission in mid-October.
- Prepared for the August 8, 2007 Contact Sensitive Solution Workshop on the bridge.
- Developed “Key Issues” matrices twice in July.

B. Products

- Material for the CSS August 8th workshop.
- A draft of the Air Quality Technical Report.

C. Task Evaluation

- The schedule resulting from the July 12th Steering Committee meeting points to the development of the Draft Environmental Impact Statement in December, 2007 with a public hearing in January, 2008. A Preferred Alternative is set for public announcement in April 2008 with a final EIS in September 2008 and a Record of Decision in November 2008.

D. Upcoming Plans

- Meet with MDOT to collaborate on the DEIS’s preparation.
- Respond to comments by MDOT on previously-submitted technical reports.
- Submit the updated draft TRs.
- Update the “Key Issues” matrix.
- Conduct the CSS workshop on the crossing only.

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 and reviewed a Phase I/II Environmental Assessment Report for the former Atlas Foundry property.
- Continued work on Initial Site Assessment Technical Report.

B. **Products**

- Additional site visits/interviews.

C. **Task Evaluation**

- Work is proceeding to lead to a Technical Report to be submitted in mid-August.

D. **Upcoming Plans**

- Complete owner interviews and site reconnaissance work for Initial Site Assessment Report.
- Complete Draft Initial Site Assessment (ISA) TR.

TASK 17 (2820) – CONDUCT PRELIMINARY SITE INVESTIGATION

A. **Work Progress**

- Planned and conducted Phase II investigation on vacant lots on Waterman Street.

- Continue to communicate with the City of Detroit with respect to right-of-entry at 127 Campbell Street.

B. Products

- Additional Phase II investigation.

C. Task Evaluation

- Work is proceeding to lead to a Technical Report to be submitted in mid-August.

D. Upcoming Plans

- Complete Draft Initial Site Assessment (ISA) TR.

TASK 18 (3310) – AERIAL TOPOGRAPHIC MAPPING

A. Work Progress

- No work conducted while the protocol is finalized to translate from metric to English all products delivered by Woolpert.

B. Products

- None, as none required.

C. Task Evaluation

- The Woolpert proposal is very focused and effective for completing the conversion of the metric to English the products they'd delivered in the past. The work will be conducted on two crossings as soon as possible.

D. Upcoming Plans

- Add checkpoints and begin conversion of data from metric to English.

TASK 19 (3320) – PHOTOGRAMMETRIC CONTROL SURVEY

A. Work Progress

- No work was conducted during this period.

B. Products

- None, as none required.

C. Task Evaluation

- The task is 30 percent complete.

D. Upcoming Plans

- Continue to work on survey report.
- Conduct surveys if requested.

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**

- Completed gravity survey logging and began to evaluate data.
- Completed the issuance of daily field reports and weekly summaries of the U.S. drilling program.
- Began the analysis of potential void propagation based on final geophysics (crosswell) and other data.
- Determined to apply VSP in selected locations in Corridors X-10.
- Developed a data sharing protocol with the Canadian team.
- Assessed impact of Canadian schedule on completing the end-to-end geotechnical analysis.

B. Products

- None as none required.

C. Task Evaluation

- The review of the Canadian drilling progress indicates that the field work will not be done until the middle of August. Because analysis of the data produced is on a first-come, first-served basis analysis of the Canadian data is be “backed up” behind the U.S. data which will continue to be analyzed into late August. Therefore, the early September meeting of the Geotechnical Advisory Group is not possible. A revised schedule indicates that the Geotechnical Advisory Group will be convened in early September and receive a composite report developed through collaboration of

the two geotech teams. It will be delivered approximately two weeks in advance of the GeoAdGroup meeting.

D. Upcoming Plans

- Set meeting with GeoAdGrp.
- Complete gravity survey logging and evaluate the data.
- Issue daily field reports and weekly summaries of the deep drilling program.
- Begin the analysis of potential void propagation based on final geophysics and other data.
- Evaluate the need for the VSP and implement, as appropriate.
- Develop data sharing protocol with the Canadian team.
- Assess impact of Canadian schedule on completing the geotechnical analysis.

TASK 26 (3710) – REQUIRED MITIGATION

A. Work Progress

- Began revising the Delray landing concept plan to account for the City of Detroit input.
- Continued to communicate with the City of Detroit and local neighborhood organizations to address the Delray Land Use Plan and related matters.

B. Products

- None, as none required.

C. Task Evaluation

- Key members of the Delray Community Leadership have decided to relocate outside of the area. This may affect the ability to revitalize the area as predicted on the Vision and the concept plans for the area under preparation.

D. Upcoming Plans

- Complete the revisions to the Delray Land Use Concept Plan and integrate with the CSS work for a proposed meeting with the community in October.

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

- Review of the technical reports.

F. SUBSTANTIVE VERBAL CONTACTS WITH MDOT

- At the following meetings:
 - ✓ July 11 – With the new director (Perez) and the departing director (Dhillon) of the Customs and Border Protection Office for the Detroit District
 - ✓ July 17 – With the Project Steering Committee
 - ✓ July 17 – With the Core Team
 - ✓ July 17 – With MDOT on draft CSS presentation
 - ✓ July 18 – With SEMCOG dealing with their travel demand modeling (via teleconference)
 - ✓ July 25 – With the LAC/LAG
 - ✓ July 25 – With Customs & Border Protection/General Services Administration (by teleconference)
 - ✓ July 26 – With the Working Group
 - ✓ July 30 – August 2 – At the Relocation Workshops
 - ✓ July 31 – With the City of Detroit Parks Department representative
 - ✓ July 31 – With a representative of the Southwest Detroit community (Father Hanthon of Holy Redeemer Church)
- 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.
- Two status reports.
- Two “Key Issues” matrices.
- Monthly progress report.
- Notes of meetings of:
 - ✓ July 11 – With the new director (Perez) and the departing director (Dhillon) of the Customs and Border Protection Office for the Detroit District
 - ✓ July 17 – With the Project Steering Committee
 - ✓ July 17 – With the Core Team
 - ✓ July 17 – With MDOT on draft CSS presentation
 - ✓ July 18 – With SEMCOG dealing with their travel demand modeling (via teleconference)
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