

November 16, 2006

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

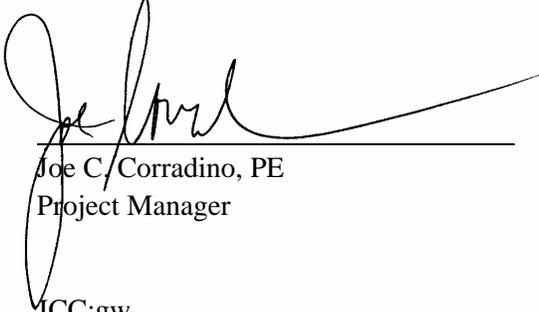
RE: DRIC EPE/EIS Project; Job N. 802330  
TCG Project No. 3600 - Invoice No. 22 Progress Report

Dear Mohammed:

Enclosed is the narrative progress report for the DRIC EPE/EIS Project. It supports Invoice No. 22 for October 2006. The invoice will be submitted under separate cover to Kim Farlin.

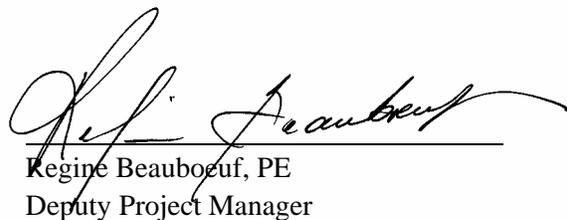
Please call if you have any questions or comments.

Sincerely yours,



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Joe C. Corradino, PE  
Project Manager



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Regine Beauboeuf, PE  
Deputy Project Manager

JCC:gw  
I:\Projects\3600\WP\ProgRpt\PR22.doc  
Attachment

**PROGRESS REPORT  
THE CORRADINO GROUP  
DRIC EPE/EIS PHASE  
OCTOBER 1 THROUGH OCTOBER 31, 2006**

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 5<sup>th</sup> with the Steering Committee.
  - ✓ October 12<sup>th</sup> with MDOT in preparation for the Context Sensitive Solutions workshop of November 2<sup>nd</sup>.
  - ✓ October 16<sup>th</sup> with MTO/URS in preparation for the Context Sensitive Solutions workshop of November 15<sup>th</sup>.
  - ✓ October 17<sup>th</sup> with the Core Team.
  - ✓ October 17<sup>th</sup> with MDOT reviewing the bridge evaluation approach.
  - ✓ October 25<sup>th</sup> with the Local Advisory Council/Local Agency Group.
  - ✓ October 26<sup>th</sup> with the Working Group.
- Prepared for the following meetings:
  - ✓ November 1<sup>st</sup> with the Working Group.
  - ✓ November 2<sup>nd</sup>, Context Sensitive Solutions workshop in the U.S.
  - ✓ November 2<sup>nd</sup> with the Steering Committee.
  - ✓ November 15<sup>th</sup>, Context Sensitive Solutions workshop in Canada.
  - ✓ November 21<sup>st</sup> with the Core Team.
  - ✓ November 29<sup>th</sup> with the LAC/CCG.
  - ✓ December 5<sup>th</sup> with the state and federal agencies.
  - ✓ December 5<sup>th</sup> with the public on the preliminary impact assessment review.

- Finalized the script for the video presentation that was used on public access TV beginning on October 21<sup>st</sup> as an invitation to the November 2<sup>nd</sup>/U.S. CSS workshop and November 15<sup>th</sup>/Canadian CSS workshop.
- Finalized the computer software for the interactive computer sessions planned with the attendees of the CSS workshops.
- Finalized the workbooks for users who prefer to use the computer as a tool to help them to express their aesthetic preferences.
- Finalized the palette for categorizing and developing color lighting texture railing and materials that serve to express visions articulated by the participants at the CSS workshops.
- Finalized the banners to be placed in the room during the CSS workshops.
- Finalized the video and PowerPoint presentation for the CSS workshops.
- Mailed 10,000+ invitations to U.S. addresses to the November 2<sup>nd</sup>/U.S. and November 15<sup>th</sup>/Canadian CSS workshops.
- Continued the social/cultural interviews in the process of gaining input from over 100 agencies/individuals in the social/cultural analysis area.
- Staffed the field office on Monday, Wednesday and Friday afternoons of every week.

## **B. Products**

- Mailer, video and all support materials for the CSS workshops.
- Notes of meetings listed above.
- Simulation program for public interaction during the CSS workshop.
- Banner and other materials to be used at the CSS workshop.
- Video for presentation at the CSS workshop.
- PowerPoint presentation to the LAC and to attendees at the CSS workshop.

## **C. Task Evaluation**

- The transboundary impacts collaboration between the U.S. and Canadian agencies has been postponed from December 2006, to March 2007, because the Canadian agencies do not feel they are prepared to engage at this time. Instead, the U.S. consultant will advise the Canadian agencies on December 6<sup>th</sup> of its work that would lead to the definition of transboundary impacts while the Canadian consultant will do the same on December 5<sup>th</sup> at a meeting of the U.S. federal and state agencies.

## **D. Upcoming Plans**

- Prepare for and participate in the following meetings:
  - ✓ November 1<sup>st</sup> with the Working Group.
  - ✓ November 2<sup>nd</sup>, Context Sensitive Solutions workshop.
  - ✓ November 2<sup>nd</sup> with the Steering Committee.
  - ✓ November 15<sup>th</sup>, Context Sensitive Solutions workshop in Canada.
  - ✓ November 21<sup>st</sup> with the Core Team.
  - ✓ November 29<sup>th</sup> with the LAC/CCG.
  - ✓ December 5<sup>th</sup> with the state and federal agencies.
  - ✓ December 5<sup>th</sup> with the public on the impact assessment review.
- Distribute a mailer and begin airing on public access TV the video invitation to the December 5<sup>th</sup> public meeting in preliminary impact evaluation.
- Mail invitations (10,000) to the December 5<sup>th</sup> public meeting.

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

### A. Work Progress

- Conducted free-flow speed and travel time studies in the corridor for calibration purposes.
- Continued to convert Gateway project 2004 traffic volumes into 2006 volumes.
- Continued to develop peak hour volumes for AM and PM to be used in a preliminary evaluation of the Practical Alternatives in anticipation of the Value Planning to be held the month of December 2006.
- Completed the capacity analysis using the HCM to determine level of service at the ramps, merge/weave lanes and other sensitive areas to allow for evaluation of the Practical Alternatives.
- Confirmed the layout of the improvements being made at the Gateway for proper coding into the traffic model.
- Completed the level-of-service analysis of Practical Alternatives for the value planning workshop of the week of December 11<sup>th</sup> through the 15<sup>th</sup>.
- Completed testing of the nested logit model and prepared a memo-type report to MDOT, FHWA and the Canadian modeling team so that deliberations on the use of the results can begin.

**B. Products**

- Several papers on the results of the nested logit model.
- Microsimulation of existing traffic.

**C. Task Evaluation**

- Calibration of the model and refinement of the model has been completed, except for the Gateway part that will be completed in the next month. QA/QC is continuing.
- The nested logit model performs in a manner such that assignments to the new crossing of the Detroit River and the Ambassador Bridge are closer in balance than they are in using the minimum-path assignment model. This issue when reviewed by Supin Yoder of FHWA received a response that the model's calibration and results are both reasonable. The model will now be reviewed by Ally Mekki of the Ministry of Transport Ontario before further steps are taken in the use of the results.
- The minimum-path assignment technique will still be used for the analysis of impacts and design of roadway facilities as it provides the largest numbers upon which impacts and design should be based to adequately account for the future facilities. On the other hand, the nested logit model will provide a range of forecasts that could be used in revenue analysis. Finally, unlike the minimum-path assignment, the nested logit model accounts for tolls.

**D. Upcoming Plans**

- Finish re-distributing volumes for the Gateway area.
- Finish coding volumes into the simulation model.
- Finish calibrating the existing conditions model.
- Present the microsimulation calibration to MDOT at the Core Team meeting of November 21<sup>st</sup>.
- Begin application of microsimulation approach to the future conditions for design-based analyses.
- Continued to review of and, if possible, complete the nested logit model.

**TASK 3 (2130) – PREPARE JOB JUSTIFICATION/PURPOSE AND NEED STATEMENT****A. Work Progress**

- Prepared for the December 5<sup>th</sup> meeting of the combined federal and state agencies.
- Finalized the Air Quality Protocol.

**B. Products**

- Draft agenda for the December 5<sup>th</sup> meeting of federal and state agencies.

**C. Task Evaluation**

- The transboundary impacts collaboration between the U.S. and Canadian agencies has been postponed from December 2006, to March 2007, because the Canadian agencies do not feel they are prepared to engage at this time. Instead, the U.S. consultant will advise the Canadian agencies on December 6<sup>th</sup> of its work that would lead to the definition of transboundary impacts while the Canadian consultant will do the same on December 5<sup>th</sup> at a meeting of the U.S. federal and state agencies.

**D. Upcoming Plans**

- Prepare for and conduct the December 5<sup>th</sup> meeting of the federal and state agencies.
- Begin application of the Air Quality Protocol.

**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**

- For the induced demand analysis, completed the following.
  - ✓ QA/QC of base year data.
  - ✓ Baseline (2035) forecast by traffic analysis zone.
  - ✓ Collection of auto production data.
  - ✓ Collection of trade and goods movement data in North America to complement auto production data.
- Drafted a response to a letter from the State Historic Preservation Officer regarding the review of the draft report on the land use history and archaeological testing.
- Completed the photography of the recorded historic sites in West Delray.
- Began examining the results of shallow borings for their impact on the archaeological testing.

- Conducted research on potential impacts of the Practical Alternatives to migratory birds and urban wildlife.
- Assisted in the preliminary definition of impacts for the December 5<sup>th</sup> public meeting.
- Drafted the report on the mussel survey conducted in August.
- Finalized the Air Quality Analysis Protocol.

## **B. Products**

- Response to the State Historic Preservation Officer's comments on archaeological testing and the draft report on the land use history and archaeological testing procedures.
- Photographs of aboveground historic sites in West Delray.
- Preliminary assessment of impacts for the December 5<sup>th</sup> meeting.

## **C. Task Evaluation**

- The review of the historic/archaeological draft report has been positive. The comments on by the SHPO on the archaeological testing have been received and responded to. Work will begin once the deep drilling process is started.
- In the past, the issue arose about underwater archaeological testing which is not in the consultants' work plan. The need for analysis, including those dealing with anchoring barges to construct the crossing, should be resolved at some point if the overall DEIS is to remain on schedule.

## **D. Upcoming Plans**

- Continue to cooperate with MDOT to receive final approval of the archaeological field testing.
- Conclude the review of the shallow drilling results to determine the potential presence of any significant archaeological characteristics.
- Define the hot spots for the CO, PM<sub>2.5</sub> and PM<sub>10</sub> analyses of air quality.
- Finalize the mussel survey report and video.
- Finalize the preliminary assessment of impacts for the December 5<sup>th</sup> meeting.
- Confirm the Essex County forecast and complete a memorandum on auto production, trade, and goods movement and its influences on the Detroit River International Crossing.
- Begin the build/no build analysis of the induced demand analysis.

## **TASK 7 (2320) – AERIAL PHOTOGRAPHY**

### **A. Work Progress**

- This task is complete.

## TASK 8 (2330) – GEOTECHNICAL DATA

### **A. Work Progress**

- Continued right-of-entry coordination.
- Continued the MDEQ drilling permit discussion.
- Completed a draft geophysical forward modeling report.
- Continued with the health and safety preparations for the deep drilling.
- Attended a meeting in the field to provide information to the property owners to gain permission for deep drilling.
- Responded to comments from the City of Detroit dealing with the deep drilling matters on the H<sub>2</sub>S contingency plan.
- Continued to provide information to MDOT so that Amendment 3 can go forward allowing deep drilling.
- Met with MDEQ to determine the requirements for public hearings if property owners within 300 feet do not provide permission to drill.

### **B. Products**

- Responded to City of Detroit's letter on deep drilling issues.
- Materials supplied to private property owners, like the City of Detroit, to allow deep drilling.
- Support materials for Amendment 3 to permit the deep drilling program to go forward.
- Various correspondence regarding MDEQ permits.

**C. Task Evaluation**

- Closure is being reached with both public and private property owners to advance the deep drilling program. The City will grant permission in November and a number of private property owners will likewise do so.
- MDEQ will require a public hearing to address the fact that two property owners for Hole 13 refused to give written permission to drill. These are owners of property within 300 feet of the boring site, not on the boring site.
- One property owner, PVS Chemical, refuses to respond to right-of-entry requests to allow drilling on its property.
- The City has indicated that it resists approving the drilling on the Mistersky power plant site. An alternative on private property owned by John James to the east of the Mistersky plant is being explored.
- The deep drilling program now controls the critical path. Once permission is granted on the U.S. side to begin the drilling, and the amendment is acted upon by MDOT to fund the work, an updated schedule will be prepared.

**D. Upcoming Plans**

- Continue coordination with the City of Detroit, private property owners and MDEQ to advance the permit/permission process associated with the deep-bore drilling.
- Continue to advance to a public hearing dealing with two property owners within 300 feet of boring Hole 13 to allow drilling on that site to go forward even without their permission.
- Continue to cooperate with MDOT to advance in the courts gaining right-of-entry to the PVS Chemical property to drill.
- Complete an additional draft report on the rock mechanics forward model.
- Produce for review by the Geotechnical Advisory Group a draft geophysical forward modeling report.
- Conduct additional health and safety training, particularly for first responders of the City of Detroit.
- Continue to provide input to Amendment 3, as required by MDOT.

## TASK 9 (2340) – PRACTICAL ALTERNATIVES

### A. Work Progress

- Refined the Practical Alternatives to contain impacts.
- Incorporated the local access from the plaza and boulevard entrance to the neighborhood on the Practical Alternatives.
- Completed Draft Design Criteria and Draft Engineering Report outline.
- Progressed Type Study Report.
- Participated in meetings internally with the environmental and engineering teams.
- Prepared for and participated in the Core Group Meeting in Lansing on October 17, 2006.
- Continued to hold and participate in Utilities Coordination Meetings. Participated in a coordination meeting with MDOT on October 9, 2006.
- Prepared preliminary mitigation concepts to be used to cost impacts on utilities in the project area. These concepts are prepared for each major utility company with infrastructure present in the area.
- Continued to prepare information for MDOT Utilities staff to assess the impacts on utilities in the project area.
- Continued with revisions to Plaza 4 per Hugh McNichols' comments.
- Met with CBP on October 20, 2006, in Detroit to greet and brief the new Operations Manager.
- Held a meeting with MDOT to review progress made to date on structure type study and the report outline. The meeting was held on October 17, 2006.
- Continued the utility coordination activities with MDOT meetings on October 16<sup>th</sup> and 31<sup>st</sup>.
- Continued the bridge type studies.
- Contacted the Corps of Engineers to determine if piers will be allowed in the Detroit River or the navigation channel would be moved.
- Met with MDOT on October 17<sup>th</sup> to review the evaluation process incorporated into the bridge studies.
- Prepared for the value planning workshop to be conducted from December 11<sup>th</sup> through the 15<sup>th</sup>.
- Drafted a set of “guiding principles” that could be used by the Steering Committee in its determination of a Preferred Alternative. Collaborated with the Canadian consultant on this matter.

### B. Products

- Notes from the utility coordination meetings.
- Updated utility layouts.

- Refinements to the interchanges connecting the plaza to I-75.

### **C. Task Evaluation**

- The United States Coast Guard has contacted the Great Lakes Shippers Association for input on the issue of piers in the water or shifting the navigation channel. The shippers are quite busy in a period before weather conditions prevent shipping and, therefore, substantive input is not yet available. This issue will begin to affect the schedule of producing a draft bridge type study in December.
- Work is proceeding to ready the Practical Alternatives for Value Planning in December. the level of details to be presented will be commensurate with MDOT's expectations.
- Plaza design is pending comments from U.S. CBP.

### **D. Upcoming Plans**

- Complete refining the Practical Alternatives for the purpose of the next level of analysis of impacts.
- Present the refined alternatives and their preliminary impacts to the LAC/LAG on November 29<sup>th</sup> and to the public on December 5<sup>th</sup>.
- Prepare for the value planning workshops to refine the Practical Alternatives.
- Determine the extent to which underwater archaeological work must be done to accommodate the anchoring of barges during construction.
- Continue to cooperate with the Coast Guard so that it can respond to the issue of piers in the water or adjusting the navigation channel.
- Cooperate with the Canadian consultants so that the bridge study can be advanced.
- Continue the utility analyses.
- Revise and update utility drawings.
- Continue to identify potential utility conflicts and meet with individual utility companies regarding their relocation.
- Continue holding internal meetings for inter-disciplinary coordination.
- Hold internal meetings with Benesch and Corradino in preparation of the Value Planning session.
- Will continue with the refinement of the Practical Alternatives with the analysis of peak hour volumes for the year 2035.
- Continue to refine the Practical Alternatives complete with system and local interchanges. Refinement will continue on ramps geometry, number of lanes, characteristics of weave/merge lanes and the need for Collector-Distributor along the access ramps.

- Hold coordination meetings with NCI and MDOT to determine and refine preliminary mitigation concepts and resulting costs for the relocation of utilities.
- Continue with the Utility Coordination activities with the utility owners in the area, as prescribed by MDOT.
- Participate in upcoming LAG, LAC, Core Group and Working Group meetings.
- Continue with the Bridge Type Studies.
- Complete Navigation Study following meeting with Canadian Coast Guard, the Corps of Engineers and the U.S. Coast Guard.
- Complete first draft of the type structure study report.

## TASK 10 (2360) – PREPARE DEIS

### **A. Work Progress**

- Meet with the federal and state agencies on December 5<sup>th</sup> to further inform them of the refined Practical Alternatives and their potential impacts.

### **B. Products**

- Draft agenda for the December 5<sup>th</sup> federal/state agencies meeting.

### **C. Task Evaluation**

- The transboundary impacts collaboration between the U.S. and Canadian agencies has been postponed from December 2006, to March 2007, because the Canadian agencies do not feel that they are prepared to engage at this time. Instead, the U.S. consultant will advise the Canadian agencies on December 6<sup>th</sup> of its work that would lead to the definition of transboundary impacts while the Canadian consultant will do the same on December 5<sup>th</sup> at a meeting of the U.S. federal and state agencies.

### **D. Upcoming Plans**

- Meet with the federal and state agencies on December 5<sup>th</sup> to gain further input to the evaluation of impacts process.

## 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 follow-up telephone interviews with property owners following the October field reconnaissance visits.
- Reviewed site information regarding potential contamination for two deep-hole drilling sites.

**B. Products**

- Telephone interview with two property owners.

**C. Task Evaluation**

- Work is progressing slowly.

**D. Upcoming Plans**

- Conduct property owner interviews and site reconnaissance for additional properties that have approved right-of-entry agreements.
- Collect and review environmental site data for the technical reports.

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

**A. Work Progress**

- Work has not been initiated in this task.

**TASK 18 (3310) – TASK 19 (3320) AERIAL TOPOGRAPHIC MAPPING/CONTROL SURVEY FOR AERIALS**

**A. Work Progress**

- Continued to prepare CAiCE files and spreadsheet accuracy reports.

**B. Products**

- None as none required.

**C. Task Evaluation**

- This task remains at 97 percent complete.

**D. Upcoming Plans**

- Continue gathering data for MDOT-required reports.

**TASK 19 (3320) – PHOTOGAMMETRIC CONTROL SURVEY**

**A. Work Progress**

- Continued preparation of the Photogrammetric Control Survey Report.

**B. Products**

- None as none required.

**C. Task Evaluation**

- This task remains at 95 percent complete.

**D. Upcoming Plans**

- Continue work on report.

**TASK 20 (3330) – DESIGN SURVEY**

**A. Work Progress**

- Additional preparation of structure under-clearance survey.

**B. Products**

- None as none required.

**C. Task Evaluation**

- This task remains at 10 percent complete.

**D. Upcoming Plans**

- Execute seven structure surveys for I-75 bridge under-clearances in priority areas.

**TASK 21 (3350) – HYDRAULICS SURVEY**

**A. Work Progress**

- Work has not been initiated on this task.

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

**A. Work Progress**

- Work has not been initiated on this task.

## 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.

### B. Products

- None as none required.

### C. Task Evaluation

- Work in this task will be initiated once the scope is determined following the structure type study should bridge options with piers in the river be found to be viable.

### D. Upcoming Plans

- Await results of the structure studies to determine the scope of work of the scour analysis task.

## TASK 25 (3530) – FOUNDATION INVESTIGATION

### A. Work Progress

- Continued right-of-entry coordination.
- Continued the MDEQ drilling permit discussion.
- Completed a draft geophysical forward modeling report.
- Continued with the health and safety preparations for the deep drilling.
- Attended a meeting in the field to provide information to the property owners to gain permission for deep drilling.
- Responded to comments from the City of Detroit dealing with the deep drilling matters on the H<sub>2</sub>S contingency plan.
- Continued to provide information to MDOT so that Amendment 3 can go forward allowing deep drilling.
- Met with MDEQ to determine the requirements for public hearings if property owners within 300 feet do not provide permission to drill.

**B. Products**

- Responded to City of Detroit's letter on deep drilling issues.
- Materials supplied to private property owners, like the City of Detroit, to allow deep drilling.
- Support materials for Amendment 3 to permit the deep drilling program to go forward.
- Various correspondence regarding MDEQ permits.

**C. Task Evaluation**

- Closure is being reached with both public and private property owners to advance the deep drilling program. The City will grant permission in November and a number of private property owners will likewise do so.
- MDEQ will require a public hearing to address the fact that two property owners for Hole 13 refused to give written permission to drill. These are owners of property within 300 feet of the boring site, not on the boring site.
- One property owner, PVS Chemical, refuses to respond to right-of-entry requests to allow drilling on its property.
- The City has indicated that it resists approving the drilling on the Mistersky power plant site. An alternative on private property owned by John James to the east of the Mistersky plant is being explored.
- The deep drilling program now controls the critical path. Once permission is granted on the U.S. side to begin the drilling, and the amendment is acted upon by MDOT to fund the work, an updated schedule will be prepared.

**D. Upcoming Plans**

- Continue coordination with the City of Detroit, private property owners and MDEQ to advance the permit/permission process associated with the deep-bore drilling.
- Continue to advance to a public hearing dealing with two property owners within 300 feet of boring Hole 13 to allow drilling on that site to go forward even without their permission.
- Continue to cooperate with MDOT to advance in the courts gaining right-of-entry to the PVS Chemical property to drill.
- Complete an additional draft report on the rock mechanics forward model.
- Produce for review by the Geotechnical Advisory Group a draft geophysical forward modeling report.
- Conduct additional health and safety training, particularly for first responders of the City of Detroit.

- Continue to provide input to Amendment 3, as required by MDOT.

## TASK 26 (3710) – REQUIRED MITIGATION

### **A. Work Progress**

- Continued collaboration among disciplines within the technical team and at MDOT, as well as with the community, to assess the potential mitigation measures.
- Prepared for the November 2<sup>nd</sup>/U.S. and November 15<sup>th</sup>/Canadian CSS workshops to gain community input that will deal with various issues to influence the design of the bridge, plaza and interchange.
- Continued to refine the Practical Alternatives and determine the potential impacts for discussion with the LAC/LAG on November 29<sup>th</sup> and the public on December 5<sup>th</sup>.

### **B. Products**

- Preparations for the CSS workshops.

### **C. Task Evaluation**

- The document being prepared by MDOT to determine the acceptability of mitigation measures to address negative effects of the direct, indirect and cumulative impacts is moving forward.
- A critical path item eventually will be the decision process by the Steering Committee in selecting a Preferred Alternative. Progress has been made on this by discussing a set of guiding principles. Further work must be conducted to advance this matter so that it is ready for application when the technical evaluation is complete.

### **D. Upcoming Plans**

- Continue collaboration among members of the technical team and with the community to define mitigation measures.
- Participate in the November 2<sup>nd</sup>/U.S. and November 15<sup>th</sup>/Canadian CSS workshops.
- Participate in the November 29<sup>th</sup> LAC/CCG meeting on preliminary assessment of impacts.
- Prepare for the December 5<sup>th</sup> public meeting on the preliminary assessment of impacts.

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

The schedule was last updated in August 2006. Further adjustments will be made once the deep drilling program is approved.

## E. ITEMS NEEDED FROM MDOT

- Additional as-built information previously requested.
- Court action involving the PVS company to gain access to the property for drilling.
- Right-of-entry paperwork on properties needed to advance field work for the Practical Alternatives.
- MDEQ hearing to gain a permit for Hole 13 in light of the fact that two property owners within 300 feet of the borehole refuse to grant written permission.
- Final comment on the approval of the archaeological testing approach.
- Final determination on the need to do underwater and archaeological testing.
- Review of the nested logit model documentation and next steps going forward.
- Review of preliminary guiding principles to be used by the Steering Committee in selecting a Preferred Alternative.

## F. SUBSTANTIVE VERBAL CONTACTS WITH MDOT

- At the following meetings:
  - ✓ October 5<sup>th</sup> with the Steering Committee.
  - ✓ October 12<sup>th</sup> with MDOT in preparation for the Context Sensitive Solutions workshop of November 2<sup>nd</sup>.
  - ✓ October 16<sup>th</sup> with MTO/URS in preparation for the Context Sensitive Solutions workshop of November 15<sup>th</sup>.
  - ✓ October 17<sup>th</sup> with the Core Team.
  - ✓ October 17<sup>th</sup> with MDOT reviewing the bridge evaluation approach.
  - ✓ October 25<sup>th</sup> with the Local Advisory Council/Local Agency Group.
  - ✓ October 26<sup>th</sup> 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 <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</sup>               | Second week of February 2007 | 14 Context Sensitive Design 4   |
| Additional Task <sup>1</sup>               | Second week of April 2007    | 15 Context Sensitive Design 5   |
| Additional Task <sup>1</sup>               | Second week of June 2007     | 16 Context Sensitive Design 6   |
| Fourth week of July 2006 <sup>1</sup>      | Last week of July 2007       | 17 Engineering Concepts Report  |
| Second week of August 2006 <sup>1</sup>    | First week of April 2007     | 18 Preliminary DEIS   |
| Fourth week of November 2006 <sup>1</sup>  | First week of July 2007      | 19 Public Hearing Script/Video  |
| Second week of October 2006 <sup>1</sup>   | Mid-August 2007              | 20 Draft DEIS   |
| Second week of December 2006 <sup>1</sup>  | Mid-August 2007              | 21 FHWA Approved DEIS   |
| Second week of January 2007 <sup>1</sup>   | Mid-September 2007           | 22 DEIS Public Hearing  |
| Second week of April 2007 <sup>1</sup>     | Mid-October 2007             | 23 Public Hearing Comment Summary                                       |
| Fourth week of July 2007 <sup>1</sup>      | First week of December 2007  | 24 Recommended Alternative  |
| Additional Task <sup>1</sup>               | First week of December 2007  | 25 Public Meeting   |
| Additional Task <sup>1</sup>               | First week of February 2008  | 26 Public Meeting   |
| Second week of December 2007 <sup>1</sup>  | Last week of April 2008      | 27 Recommended Alternative Presentation                                 |
| Fourth week of August 2007 <sup>1</sup>    | Last week of June 2008       | 28 Final EIS  |
| Fourth week of September 2007 <sup>1</sup> | Last week of June 2008       | 29 Final Engineering Report   |
| Fourth week of November 2007 <sup>1</sup>  | Last week of June 2008       | 30 MOU  |
| Fourth week of December 2007 <sup>1</sup>  | Last week of June 2008       | 31 Access Justification Report  |
| Fourth week of December 2007 <sup>1</sup>  | Last week of July 2008       | 32 ROD  |

<sup>1</sup> Revised in September 2006.

## 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.
- Monthly progress report.
- Notes of meetings of:
  - ✓ October 5<sup>th</sup> with the Steering Committee.
  - ✓ October 12<sup>th</sup> with MDOT in preparation for the Context Sensitive Solutions workshop of November 2<sup>nd</sup>.
  - ✓ October 17<sup>th</sup> with the Core Team.
  - ✓ October 17<sup>th</sup> with MDOT reviewing the bridge evaluation approach.
  - ✓ October 25<sup>th</sup> with the Local Advisory Council/Local Agency Group.
  - ✓ October 26<sup>th</sup> with the Working Group.

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