February 12, 2007

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. 25 Progress Report

Dear Mohammed:

Enclosed is the narrative progress report for the DRIC EPE/EIS Project. It supports Invoice No. 25 for January 2007. The invoice will be submitted under separate cover to Kim Farlin.

Please call if you have any questions or comments.

Sincerely yours,

foe C/Corradino, PE Project Manager

JCC:gw I:\Projects\3600\WP\ProgRpt\PR25.doc Attachment

Fearbert

Kegine Beauboeuf, PE Deputy Project Manager

PROGRESS REPORT THE CORRADINO GROUP DRIC EPE/EIS PHASE JANUARY 1 THROUGH JANUARY 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

- Participated in the following meetings in January
 - ✓ January 11 Pre-drilling in the Delray community.
 - ✓ January 11 With the Working Group.
 - ✓ January 16 Bridge-Type study with MDOT/FHWA participation.
 - ✓ January 19 Utilities review with MDOT.
 - ✓ January 23 With the Core Team.
 - ✓ January 29- February 1 Value Planning.
 - ✓ January 31 With the Working Group
 - ✓ January 31 With the Local Advisory Council/Local Agency Group
 - ✓ January 31 With the Delray community to tour various drilling sites and a meeting in the Delray Community Center to answer questions of the deep drilling program.
- Distributed flyers door-to-door in association with the two Delray community meetings on DRIC.
- Prepared a schedule for upcoming public meetings: 1) Monthly drilling meetings preceding the LAC/LAG meetings; 2) mid-to-late March: Review of Preliminary Impacts of Cross I-75 corridor, utility corridor, and alternative Delray Land Use Plans; mid-to-late April: 3) CSS Workshop #3; and, 4) mid-to-late June: CSS Workshop #4, second Social/Cultural Meeting.

B. Products

- Agendas and notes for the January meetings.
- Flyers for the January 11th and 31st meetings on the drilling program.

C. Task Evaluation

- Attendance at the meetings dealing with drilling approached 100. This is as strong people as at any meetings held in 2006.
- The community is interested and constructive in the engagement process.

D. Upcoming Plans

- Prepare for and participate in the following meetings in February:
 - ✓ February 1^{st} , with the Partnership Steering Committee.
 - ✓ February 14^{th} with MDOT to review impacts and mitigation.
 - ✓ February 20^{th} , with the Core Team.
 - ✓ February 22nd, with the Working Group.
 - ✓ February 28^{th} , with the Delray community on the drilling program.
 - ✓ February 28th with the Local Advisory Council/Local Agency Group.
 - ✓ Prepare for a March 1st Steering Committee meeting dealing with impacts of the utility corridor.
 - ✓ Prepare for March 21st public meeting and "Gateway Boulevard." Also discuss land use for Delray.
 - \checkmark Distribute a flyer in association with the February 28th Delray community meeting on drilling.

TASK 2 (2120) - PREPARE TRAFFIC ANALYSIS REPORT

A. Work Progress

- Developed a sensitivity test to tolls of 2035 PM traffic.
- Prepared for and participated in the January 9th meeting with the DRIC Modeling Task Force to discuss the nested logit model and its results.
- Explored the application of a three-nest logic model in response to the suggestions made at the DRIC Modeling Task Force meeting on January 9^{tth.}
- Re-created the Gateway Project and re-ran the macro traffic demand model.
- Continued to QA/QC of the micro-simulation analysis.

B. Products

- Sensitivity test of tolls.
- Preliminary results of three-nest logit model.

• Traffic volumes at key ramp and freeway locations for the Practical Alternatives as input for the value-planning efforts.

C. Task Evaluation

- The sensitivity test of tolls determined the following: For each ten percent change in tolls on the new crossing, compared to the Ambassador Bridge, there is an approximate 6 ½ percent change in the new crossing's traffic. The test also demonstrated that cars are more sensitive to toll differences than trucks. For example, a ten percent difference in tolls will cause the crossing with the higher tolls to lose between seven and eight percent of the car traffic and about 3 ½ percent of the truck traffic.
- Preliminary results indicate that the three-nest logic model produces no different results than the two-nest model for truck traffic in the 2035 PM. Therefore, the two-nest model will continue to be used to establish the lower bounds on river crossing traffic.
- The need to test a three-nest logic model diverted attention from other tasks, including the macro modeling of the mid-day traffic. This work will be resumed in February.

D. Upcoming Plans

- Document the results of the three-nest logic model.
- Report to the Core Team the results of the difference in tolls on the Ambassador or the proposed new DRIC Crossing.
- Prepare a micro-simulation report and present to MDOT.
- Complete the macro-level analysis of mid-day traffic.

TASK 3 (2130) – PREPARE JOB JUSTIFICATION/PURPOSE AND NEED STATEMENT

A. Work Progress

• None, as none required.

B. Products

• None, as none required.

C. Task Evaluation

• This task is complete.

D. Upcoming Plans

• None, as none required.

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

- Began the "hotspots" qualitative analysis of particulate matter based on FHWA review of the DIFT Air Quality Analysis.
- Conducted site testing for archeologic purposes on January 22 through January 26. The properties involved are as follows:

\checkmark	6994 South	✓	6621 South
\checkmark	6617 South	✓	6501 South (Rademacher Park)
\checkmark	180 Military	✓	186 Military
✓	280 Campbell	✓	410 Campbell
\checkmark	428 Campbell	✓	693 Waterman
✓	699 Waterman	✓	693 Waterman
\checkmark	705 Waterman	✓	711 Waterman
\checkmark	6366 West Jefferson	\checkmark	6342 West Jefferson
\checkmark	5851 West Jefferson (Revere	✓	5601 West Jefferson (Revere
	Copper Works)		Copper Works) {29 N3}

- Prepared the schedule for review by MDOT of the wetlands field work.
- Reviewed the available record for species likely to travel the Detroit River corridor and used that information to outline the impacts.
- Began preparation of the indirect and cumulative impact analysis technical report.
- Continued preparing the induced demand technical report.
- Continued documenting the cultural resources analysis.

• Field work results of the archaeological testing.

C. Task Evaluation

• Field test for archeological purposes indicates properties at 5851 and 5601 West Jefferson have possible hazmat issues. This matter will be addressed with the City as it owns these properties.

D. Upcoming Plans

- Continue archaeological deep testing.
- Continue documenting the cultural resources analysis.
- Continue documenting the induced demand analysis.
- Continue the analysis of the air quality impacts. Participate in a meeting with FHWA and MDOT on protocol.
- Continue the analysis of the impacts in the following areas: threatened and endangered species; noise; flooding; water quality; parks; EJ/Title-VI issues; indirect/cumulative effects; wetlands; visual resources; etc.

TASK 7 (2320) - AERIAL PHOTOGRAPHY

A. Work Progress

• This task is complete.

TASK 8 (2330) - GEOTECHNICAL DATA

- Met with the City of Detroit on January 9th to gain permission to go forward with the deep drilling.
- Secured written approval to drill on the LeFarge property (2 holes), McCoig (1 hole), Renaissance Logistics (2 holes). Yellow Trucking (1 hole) is pending.
- Received written permission to drill on the PVS Chemicals property without going to court.
- Advanced documentation and public notice requirements for the March 22nd MDEQ hearing to eliminate the need for written permission to drill of residential property owners within 300 feet of the PVS borehole.

- Finalized a cover memorandum on the Forward Modeling Report.
- Finalized March 27th as the date for the next Geo-Ad Group meeting.
- Finalized the Work Plan and the Communication Protocol for the deep drilling program.
- Participated on January 25th in a mock drill for evacuation purposes conducted by the City of Detroit.
- Received permission from the City of Detroit to drill Hole 10 on the Revere Copper property.
- Installed casings for six holes in preparation for the deep drilling.

- Approval of right-of-entry to drill one hole on the Revere Copper property site from the City of Detroit.
- Preparation of six of 14 holes for the deep drilling program.
- Daily progress reports and weekly summary reports of the deep drilling program.
- Final Deep Drilling Work Plan and Communications Protocol.

C. Task Evaluation

- All City of Detroit requirements have been met so that the first hole can be drilled to demonstrate the procedures.
- The owner of the PVS property agreed to allow deep drilling without court action.

D. Upcoming Plans

- Complete site preparation for seven of the last eight holes. Only the PVS hole will wait for MDEQ approval.
- Complete the drilling the first hole on the Revere Copper property. Complete drilling on three other holes.
- Compile daily reports of the deep drilling program.
- Compile weekly summary reports of the deep drilling program.
- Forward materials to the Geo-Ad Group on forward modeling. Prepare for the March 27th meeting.

TASK 9 (2340) – PRACTICAL ALTERNATIVES

A. Work Progress

• Prepared for and participated in the utility coordination meeting on January 19, 2007.

- Prepared the draft report for the Bridge-Type Study evaluation of January 16, 2007. Presented the results to the Working Group on January 31st.
- Updated the Bridge-Type Study report and submitted it to MDOT following the meeting.
- Continued refining the Practical Alternatives with the design-level photogrammetry prepared for the project in preparation for the value planning meetings.
- Continued with the layout of a new alternative interchange configuration (#14) for which the local ramps are eliminated altogether at Livernois and Dragoon and traffic is then directed to Springwells and Clark.
- Concluded the cost estimation of the Practical Alternatives' interchanges in preparation of the value planning meetings.
- Completed a technical memorandum on construction sequencing in preparation for value planning meetings.
- Continued refining the profiles of all bridge crossings at I-75 as a result of the new photogrammetry.
- Completed studies on the location and preliminary concept for retaining walls along I-75.
- Prepared and submitted a binder of information to the value planning participants prior to the January 29 February 1, 2007, workshop. Conducted the value planning workshop.
- Pressed the Great Lakes Shippers and the U.S. Coast Guard for a response to the allowability of placing piers in the Detroit River or moving the navigation canal.
- Received preliminary responses on the plaza alternatives from GSA and CBP.

- Value planning information book.
- Draft Bridge-Type Study report.
- PowerPoint presentation summarizing the results of the Bridge-Type evaluation meeting.

C. Task Evaluation

- Information in a binder prepared for the value planning attendees provides the most comprehensive description and analysis of the engineering aspects of the Practical Alternatives' interchanges.
- The bridge types have been reduced to two in each corridor: X-10A, X-10B and X11-C.
- Communications with those involved with shipping on the Detroit River have been stepped up. That should create a much more favorable climate to get a decision on the issue of allowing piers in the Detroit River.

- Efforts to deal with the Delray rail line have produced a response from NS which will lead to a meeting in February.
- Responses from CBP/GSA provide little serious guidance to screen the alternative plazas.

D. Upcoming Plans

- Continue to press the Lake Carriers Association members for a response on the issue of allowing piers in the Detroit River.
- Meet with Norfolk Southern on the Delray rail line.
- Complete the value planning workshop and prepare a report. Videotape the February 1 concluding session.
- Continue refinement of the Practical Alternatives and advance the new alternative interchange configuration (#14) to the same level of engineering detail as the other 13 options.
- Continue to press forward on the analysis of utility issues.
- Continue with the bridge evaluation now that the number of bridge types has been reduced.

TASK 10 (2360) - PREPARE DEIS

A. Work Progress

- Met with the Working Group and prepared to meet with the Steering Committee to discuss progress on seven key issues as they affect selection of a Preferred Alternative. These issues are brine wells; piers in the river; rail line in Delray; treatment of Sterling Marine Fuels; noise impacts in Sandwich Town, U.S. CBP/GSA comments; and, cost estimates of crossings/approaches.
- Prepared the first "Key Issues" progress reporting matrix.
- Prepared for a meeting with MDOT on February 14, 2007, to discuss the project's impacts; present new impact information of a utility corridor, as well as impacts of the cross I-75 roadway; discuss the mitigation concepts; and, discuss alternative land use plans for Delray.
- Prepared for the next federal/state agencies meeting of March 14, 2007. Drafted agenda.
- Met with local neighborhood leaders to gain their impressions of the alternatives presented to them and the public in December.

B. Products

- Draft agenda for the March 14, 2007, federal/state agencies meeting.
- "Key Issues" program reporting matrix.

C. Task Evaluation

• The use of the "Key Issues" progress reporting matrix has focused the work so that a clear set of activities can be performed leading to selection of a Preferred Alternative.

D. Upcoming Plans

- Meet with MDOT on February 14, 2007, to review the impact assessment to date, as well as the preliminary and refined Delray land use plans.
- Finalize preparations for the March 14, 2007, federal/state agencies meeting.
- Refine the Delray land use plans and prepare to present those to the public in March.

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

- Prepared input on hazardous material remediation for the value planning workshop.
- Began preparing graphics for use in the technical report and the DEIS.
- Continued interviews and site reconnaissance at properties with approved rights-of-entry.

• Graphics for the DEIS and technical report.

C. Task Evaluation

• Progress has begun to pick up now that right-of-entry has been cleared with the City of Detroit.

D. Upcoming Plans

- Continue interviews and site reconnaissance work at properties with approved right-of-entry agreements.
- Work on the Project Area Contamination Survey Report and plan for preliminary site investigation.

TASK 17 (2820) - CONDUCT PRELIMINARY SITE INVESTIGATION

A. Work Progress

• Work in this task has not been initiated.

TASK 18 (3310) – AERIAL TOPOGRAPHIC MAPPING

A. Work Progress

• Continued work on the technical report.

B. Products

• None, as none required.

C. Task Evaluation

• This task remains at 97 percent complete.

D. Upcoming Plans

• Continue working on the technical report.

TASK 19 (3320) – PHOTOGRAMMETRIC 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 to work on the technical report.

TASK 20 (3330) – DESIGN SURVEY

A. Work Progress

• Concluded all I-75 bridge underclearance diagrams.

B. Products

• Bridge underclearance diagrams.

C. Task Evaluation

• This task is 20 percent complete.

D. Upcoming Plans

• Complete the design surveying work report and the engineering analyses.

TASK 21 (3350) - HYDRAULICS SURVEY

A. Work Progress

• Work has not been initiated on this task.

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

• 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 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

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

TASK 25 (3530) – FOUNDATION INVESTIGATION

- Met with the City of Detroit on January 9th to gain permission to go forward with the deep drilling.
- Secured written approval to drill on the LeFarge property (2 holes), McCoig (1 hole), Renaissance Logistics (2 holes), Yellow Trucking (1 hole) is pending.
- Received written permission on the PVS Chemicals property without going to court.
- Advanced the appropriate documentation and public notice requirements for the March 22nd
 MDEQ hearing to eliminate the need for written permission to residential property owners within 300 feet of the PVS borehole.
- Finalized a cover memorandum on the Forward Modeling Report.
- Finalized March 27th as the date for the next Geo-Ad Group meeting.
- Finalized the Work Plan and the Communication Protocol for the deep drilling program.

- Participated on January 25th in a mock drill for evacuation purposes conducted by the City of Detroit.
- Received permission from the City of Detroit to drill Hole 10 on the Revere Copper property.
- Installed casings for six holes in preparation for the deep drilling.

- Approval of right-of-entry to enter the one hole on the Revere Copper property site from the City of Detroit.
- Preparation of six of 14 holes for the deep drilling program.
- Daily progress reports and weekly summary reports of the deep drilling program.
- Finalized work plan and communications protocol.

C. Task Evaluation

- All City of Detroit requirements have been met so that the first hole can be drilled to demonstrate the procedures.
- The owner of the PVS agreed to allow deep drilling with court action.

D. Upcoming Plans

- Complete site preparation for seven of the last eight holes. Only the PVS hole will wait for MDEQ approval.
- Complete the drilling the first hole on the Revere Copper property. Complete drilling on three other holes.
- Compile daily reports of the deep drilling program.
- Compile weekly summary reports of the deep drilling program.
- Forward materials to the Geo-Ad Group on forward modeling. Prepare for the March 27th meeting.

TASK 26 (3710) – REQUIRED MITIGATION

- Met with the Working Group and prepared to meet with the Steering Committee to discuss progress on seven key items and the system for selecting the Preferred Alternative.
- Completed the measurement of impacts of the utility corridor in the area of continued analysis.
- Completed the measurement of impacts of local access crossing north and south of I-75.

- Refined the concept for land use in Delray and integrated with the value planning and impact assessment information.
- Prepared for meeting with MDOT on February 14, 2007, to discuss the impacts of the utility corridor, the cross I-75 access corridor and the crossing components (interchange, plaza and bridge).

- Impact assessment of the utility corridor and cross I-75 access corridor.
- Refinements to the Delray land use concept to prepare alternative plans in draft form.

C. Task Evaluation

• The work is beginning to focus on a key series of locations and issues for which mitigation may be required.

D. Upcoming Plans

- Meeting with MDOT on February 14, 2007, to discuss impacts, mitigation and alternative Delray land use plans.
- Refine the Practical Alternatives based on value planning.
- Meet with key local community interests to assess mitigation concepts.

D. UPDATE OF PREVIOUSLY APPROVED SCHEDULE (ATTACHED)

The schedule was updated in December 2006. The impacts are described in Section E.

E. ITEMS NEEDED FROM MDOT

• Final determination of the need to do underwater archaeological tests.

F. SUBSTANTIVE VERBAL CONTACTS WITH MDOT

- At the following meetings:
 - ✓ January 11, 2007, pre-drilling meeting in the Delray community.
 - ✓ January 11, 2007, Working Group
 - ✓ January 16, 2007, Bridge-Type Study
 - ✓ January 19, 2007, Utilities review with MDOT
 - ✓ January 23, 2007, Core Team
 - ✓ January 29- February 1, 2007, Value Planning
 - ✓ January 31, 2007, Working Group
 - ✓ January 31, 2007, Local Advisory Council/Local Agency Group
 - ✓ January 31, 2007, Delray community meeting to tour various drilling sites and a meeting in the Delray Community Center to answer questions on the deep drilling program
- Daily e-mail and telephone conversations with the MDOT Project Manager.
- Two status reports.
- Monthly progress report.

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 weed 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 November 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 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
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.
- Monthly progress report.
- Notes of meetings of:
 - ✓ January 11, 2007, pre-drilling in the Delray community.
 - ✓ January 11, 2007, Working Group
 - ✓ January 16, 2007, Bridge-Type Study
 - ✓ January 19, 2007, Utilities review with MDOT
 - ✓ January 23, 2007, Core Team
 - ✓ January 29- February 1, 2007, Value Planning
 - ✓ January 31, 2007, Working Group
 - ✓ January 31, 2007, Local Advisory Council/Local Agency Group
 - ✓ January 31, 2007, Delray community meeting to tour t various drilling sites and a meeting in the Delray Community Center to answer questions of the deep drilling program
- Issues progress matrix.

I:\Projects\3600\WP\ProgRpt\PR25.doc