

March 10, 2010

Mr. Mohammed Alghurabi, PE  
VanWagoner Transportation Bldg.  
425 W. Ottawa  
P.O. Box 30050  
Lansing, MI 48933

Via Email

RE: DRIC Project; Job No. 108188C  
PTG Job No 647225 - Invoice No. 5 (10020292) Progress Report

Dear Mohammed:

Enclosed is the narrative progress report for the DRIC Project. This report covers all work performed by the Parsons consulting team. It supports Invoice No. 5 for February 2010. The invoice will be submitted under separate cover to Pam Decker.

Please call if you have any questions or comments.

Sincerely yours,

**PARSONS**



Bruce L. Campbell, P.E.  
Deputy Project Manager

Attachment

**PROGRESS REPORT  
PARSONS TRANSPORTATION GROUP  
DRIC PROJECT  
JANUARY 30, 2010 – FEBRUARY 26, 2010**

The following details the work progress for the project by Contract. At the end of the task progress discussion are sections that address updates of the schedule, and items needed from MDOT.

**CONTRACT 1 – CONSULTANT COORDINATION**

**P/PMS TASK 211M –PUBLIC ENGAGEMENT**

**A. Work Progress**

- Continued normal community engagement work, including meetings with the Community Benefits Coalition (CBC), the Local Advisory Council (LAC), etc.
- Determined Team II will reactivate in February, in all likelihood.
- Met with Team II.

**B. Products**

- Reviewed and commented on RFP1 draft press release.
- Notes of CBC and LAC meetings.

**C. Task Evaluation**

- Ensuring the community remains engaged will take some effort as much of design is very detailed and not as easy to communicate.

**D. Upcoming Work**

- Attend LAC/LAG meeting (January).
- Advance public engagement activities.
- Start enhanced community engagement activities when MDOT activates the Design Guide contract.
- Continue normal community engagement work.
- Meet with Team II.
- Participate in other community-based meetings.

**E. Real or Anticipated Problems**

- Ensuring the community remains engaged will take some effort as much of design is very detailed and not as easy to communicate.

- Preparing the Design Guide represents the best opportunity to ensuring the community remains engaged in the project during the current design phase.

## P/PMS TASK 3010 – PROJECT MANAGEMENT

### **A. Work Progress**

- Participate in further discussions of the first Traffic & Revenue analysis results and review of report.
- Continued to work with MDOT on revisions, as needed, to scope and cost of Contract 1 as affected by need to address requirements of SB254/Sect.384.
- Prepared for and attended the following meetings:
  - Feb. 1 – Business Case Working Group, teleconference.
  - Feb. 3 – 3D Rendering, Lansing.
  - Feb. 3 – T&R Report Review, Lansing.
  - Feb. 3 – TC Cost Review, teleconference.
  - Feb. 4 – Steering Committee, Detroit.
  - Feb. 8 – Business Case/Cost, teleconference.
  - Feb. 10 – T&R Report Review, Lansing.
  - Feb, 11 – T&R Report Review, Lansing.
  - Feb. 12 – T&R Report Review, teleconference.
  - Feb. 16 – Core Team, Lansing.
  - Feb. 16 – Business Case Working Group, teleconference.
  - Feb. 17 – URS/Parsons Survey & Utility Coordination, teleconference.
  - Feb. 19 – Pump Stations, Lansing.
  - Feb. 22 – Business Case Working Group, teleconference.
  - Feb. 24 – Team II, Detroit.
- Continued implementation of BCWG work plan.
  - Provided input on T&R Report.
  - Continued reviewing and revising cost estimates for financial modeling.
- Began development of a program master schedule.

### **B. Products**

- Notes and presentation materials, as required, on each of the above-noted meetings.
- Updated cost estimate and operations & maintenance spreadsheets for financial analysis.
- Developed draft GSA Lease option Plaza schedule.
- Materials as input to:

- Meeting graphics.
- Traffic & Revenue review as it relates to these forecasts compared to others from the Planning Needs & Feasibility Study through the FEIS.

**C. Task Evaluation**

- Project is moving at an aggressive pace which is necessary to meet requirements of Michigan legislature as defined in Senate Bill 254/Section 384.

**D. Upcoming Plans**

- Attend project meetings.
- Continue implementation of BCWG work plan.
- Participate in Steering Committee meeting of March 4, 2010.
- Continue to assist, as appropriate, in implementing tasks in the “White Paper”.
- Work with MDOT on revisions, as needed, to scope and cost of Contract 1 as affected by need to address requirements of SB254/Sect.384.
- Continue development of the master program schedule.
- Participate in activities surrounding the RFPOI.
- Participate in further discussions of the first Traffic & Revenue analysis results.

**E. Real or Anticipated Problems**

- The project is on schedule to address the requirements of Michigan legislature as defined in Senate Bill 254/Section 384.
- Appropriate treatment of responses to RFPOI is an important issue.

**P/PMS TASK 3020 – PROJECT WIDE ACTIVITIES**

**A. Work Progress**

- None this period.

**B. Products**

- None this period.

**C. Task Evaluation**

- Task is proceeding as planned.

**D. Upcoming Plans**

- None next period.

## P/PMS TASK 3030 – PROJECT CONTROLS

### **A. Work Progress**

- Continued filing of Project Record documents.
- Began development of a master program schedule.

### **B. Products**

- Document control progress report.
- Early draft working schedule.

### **C. Task Evaluation**

- File sharing between consultants without the use of the internet SharePoint site continues to be an obstacle.

### **D. Upcoming Plans**

- Document control.
- Continue development of a comprehensive project schedule.

## P/PMS TASK 3040 – PROJECT EXECUTION

### **A. Work Progress**

- None this period.

### **B. Products**

- None at this period.

### **C. Task Evaluation**

- None.

### **D. Upcoming Plans**

- None.

## P/PMS TASK 3060 – QUALITY ASSURANCE & QUALITY CONTROL

### **A. Work Progress**

- Provided input to:
  - Traffic & Revenue review as it relates to these forecasts compared to others from the Planning Needs & Feasibility Study through the FEIS.
  - Media release dealing with traffic data.

### **B. Products**

- Input to T&R products.

**C. Task Evaluation**

- None.

**D. Upcoming Plans**

- Draft Quality Management Plan.
- Continue to engage in review of T&R products.
- Participate in review of responses to RFPOI.

**E. Real or Anticipated Problems**

- Appropriate treatment of responses to RFPOI is an important issue.

**P/PMS TASK 3300 – DESIGN COORDINATION & PRELIMINARY ENGINEERING**

**A. Work Progress**

- Prepared for and attended the following meetings:
  - Feb. 19 – Pump Stations, Lansing.
- Continued refinement of Plaza Life Cycle and O&M costs
- Continued coordination of costs with Canadian consultants
- Began review of Contract 3 geometric submittal.
- Began review of Contract 3 MOT Concepts submittal.
- Participated in Core Team meeting.
- Continued to make EPE materials available to Design Phase team, as required.

**B. Products**

- Updated Bridge costs.
- Input to meeting notes.

**C. Task Evaluation**

- Task is continuing as planned.

**D. Upcoming Plans**

- Complete review of geometric submittal.
- Participate in Core Team meeting.
- Participate in design team meetings.
- Continue to make EPE materials available to Design Phase team, as required and available.

**E. Real or Anticipated Problems**

- None.

## P/PMS TASK 3330 – ROAD DESIGN SURVEY

### **A. Work Progress**

- SSI has completed 100% of the mapping and is 90% complete with the utility connectivities. SSI has submitted the mapping to URS so that they can run the macro on the ground survey and aerial survey separately to give them separate attributes for the method of survey. In the process we ran into an issue as SSI was using an XM version of microstation. SSI fixed this issue to put the final survey in the SharePoint site. SSI also met with the SUE consultant and mapped the first round of SUE work.

### **B. Products**

- Topographic CAD files.

### **C. Task Evaluation**

- None.

### **D. Upcoming Plans**

- SSI will finalize the utilities, have URS run the macro, add them into the survey, and finalize the survey into the share site.
- SSI will keep surveying the SUE consultant's information and deliver a DGN to them for the pick-up.

## P/PMS TASK 3400 – DESIGN FIELD SERVICES

### **A. Work Progress**

- NTH – Continue Subsurface Utility Engineering Tasks.
  - Coordinated efforts in field with SSI.
  - Identified and verified utility locations.
  - Completed 2 of 5 areas.
- Advanced Geomatics began the legal research.
- Prepared for and attended the following meetings:
  - Feb. 17 – URS/Parsons Survey & Utility Coordination, teleconference.
- Continued utility coordination and assistance to survey oversight.

### **B. Products**

- Topo CAD files.

### **C. Task Evaluation**

- Coordinating work between survey and SUE.

### **D. Upcoming Plans**

- NTH will continue subsurface utility engineering task.
- NTH will identify existing utility locations.
- NTH will coordinate existing utilities information with URS.
- NTH will develop tracking program framework for all utilities.
- NTH will complete remaining three areas.
- NTH will complete review of geotechnical global stability report from Somat.
- Continue assistance in utility coordination and survey oversight.

## P/PMS TASK 3600 – MUNICIPAL UTILITY DESIGN

### **A. Work Progress**

- Prepared for and attended the following meetings:
  - Feb. 19 – Pump Stations, Lansing.
- Coordination with URS on the proposed road geometrics and pump station locations.

### **B. Products**

- None.

### **C. Task Evaluation**

- None this period.

### **D. Upcoming Plans**

- Coordination with URS to finalize proposed pump station locations.
- Coordination with URS to determine pump station hydraulics including HGL, detention and outflow.
- Continue work on the pump station base plans and sharing information with URS, Parsons and other project team members.
- Continue sharing information from MDOT, Parsons and other project team members.
- Attend planning meetings as necessary.

## P/PMS TASK 3700 – ENVIRONMENTAL COORDINATION

### **A. Work Progress**

- None this period.

### **B. Products**

- None.

### **C. Task Evaluation**

- None.

**D. Upcoming Plans**

- None next period.

**P/PMS TASK 4000 – RIGHT OF WAY**

**A. Work Progress**

- Addressed ROW issues as they arise and for which MDOT seeks assistance.

**B. Products**

- None this period.

**C. Task Evaluation**

- None.

**D. Upcoming Plans**

- Address ROW issues as they arise and for which MDOT seeks assistance.

**E. Real or Anticipated Problems**

- There seems to be some confusion of the most accurate ROW costs to be used in the cost estimate updating process.
- Some clarification addressing differences in ROW costs.
- Requests for Right to Enter property for drilling purposes is being conducted by MDOT. Consultant assistance is available upon request.

**P/PMS TASK 4510 – RIGHT-OF-WAY SURVEY**

**A. Work Progress**

- Advanced Geomatics has completed the legal research except for any items that come up during the ROW calculations for the project. SSI began the field reconnaissance of any property information.

**B. Products**

- Research documentation.
- Alignment plans.

**C. Task Evaluation**

- None.

**D. Upcoming Plans**

- Advanced Geomatics will begin to establish the legal alignment for I-75 and the ramps and will calculate this by found monumentation and structure information in the field. SSI will continue to

find any property information that they can find to calculate the proposed right of way. SSI will then generate a full right of way survey for both Parts I and II and the ramps that come into the plaza area.

**F. Items Needed from MDOT**

- Attached are the following log of items needed from MDOT and other consultants:
  - Meeting Action Items
  - Submittal
  - General Action Items
- Final meeting minutes for the following meetings:
  - 1/12/10 MOT
  - 1/19/10 Core Team
  - 1/19/10 Utility Coordination
  - 1/19/10 MDOT/TC/GSA/CBP/CBSA Coordination
  - 1/27/10 Bridge Kick-off/Coordination
  - 2/16/10 Core Team
  - 2/19/10 Pump Stations
- Response to consultant's scope and cost of Contract 1 as affected by need to address requirements of Michigan Public Act 116 of 2009, SB254/Sect.384.

## ATTACHMENT

### **G. CONTACT RECORDS**

- Daily contact records, daily e-mails and conversations by phone and in person with the MDOT Project Manager, Deputy Project Manager and other MDOT/FHWA personnel.
- Monthly progress report
- Notes, as appropriate, of the following meetings:
  - Feb. 4 – Steering Committee, Detroit.
  - Feb. 16 – Core Team, Lansing.
  - Feb. 17 – URS/Parsons Survey & Utility Coordination, teleconference.
  - Feb. 19 – Pump Stations, Lansing.
  - Feb. 24 - Community Benefits Coalition and Local Advisory Council meetings.
- Input to notes and presentation materials, as required, on each of the following meetings.
  - Feb. 3 – 3D Rendering, Lansing.
  - Feb. 3 – TC Cost Review, teleconference.
  - Feb. 8 – Business Case/Cost, teleconference.
- NTH – Future contact records may be voluminous, and will be held by NTH unless desired.

### **H. SCHEDULE DETAIL**

- Based on discussions with MDOT, work will continue on the tasks necessary to support the legislative requirements in Michigan Public Act 116 of 2009, Section 384 which includes a deadline of June 1, 2010. The continuing effort will include an appropriate adjustment in the amount of design coordination and review corresponding to the work being undertaken on DRIC Contracts 2 through 7 to prepare aesthetic guidelines, roadway base plans and bridge preliminary plans. Based on the MDOT discussions noted above, adjustments will be made by June 1, 2010, in the level of effort, costs and schedule to advance the needed DRIC work, consistent with MDOT requirements and any additional legislative actions.

## Outstanding Items

### DRIC Meeting Action Item Log

Meeting	Date	Action Item	Responsible	Due Date
Design Kickoff	12/7/2009	MDOT to provide up to date safety data.	MDOT	12/15/2009
Design Kickoff	12/7/2009	MDOT will perform the borings of the pavement for the Life Cycle Cost Analysis (also prepared by MDOT).	MDOT	n/a
Design Kickoff	12/7/2009	MDOT will perform the traffic signal foundation borings based on locations from URS.	MDOT	n/a
Design Kickoff	12/7/2009	MDOT will get the HNTB base files for the Gateway	MDOT	n/a
MOT	1/12/2010	MDOT modified the I-75 to I-96 ramp during construction. MDOT will provide design file from HNTB.	MDOT	n/a
MOT	1/12/2010	MDOT will field review current Gateway detour routes with URS.	MDOT	n/a
Core Team	1/19/2010	Bridge design contracts have just gotten under way. In the cost proposal negotiations precast concrete segmental bridges were removed due to high design cost. This issue was never considered by EOC to be formalized. This issue will be discussed further with bridge design consultants and MDOT staff.	MDOT	n/a
Bridge Kickoff	1/27/2010	Phil Grotenhuis volunteered to go through the MDOT files and distribute any pertinent information to the respective teams.	MDOT	n/a
Bridge Kickoff	1/27/2010	MDOT will provide direction as to what level concrete segmental will be investigated very shortly.	MDOT	n/a
Core Team	2/16/2010	Bruce Campbell said he would check with Benesch to see what drainage information they have and get it to Laura as soon as possible	Parsons	n/a
Core Team	2/16/2010	A concern was raised in the area around the railroad bridge as they have 4 separate bridge consultants and work that needs to be carried and coordinated into the plaza. Mohammed Alghurabi will set up workshop style meeting to work through issues there.	MDOT	n/a
Pump Stations	2/19/2010	Mohammed will schedule a follow-up teleconference with the TSC.	MDOT	2/24/2010
Pump Stations	2/19/2010	MDOT will obtain pump station maintenance records from the county.	MDOT	n/a
Pump Stations	2/19/2010	There is a new pump station at the Ambassador Bridge. Mohammed to obtain a copy of the permit for information.	MDOT	n/a
ROW Survey	3/3/2010	Kelvin Wixtrom to provide copy of email from Canadian surveyor confirming the use of UTM17N in EA.	MDOT	n/a

**DRIC Submittal Log**

Item	Contract	Author	Submittal Due Date	Submittal Date	Reviewer 1	Reviewer 2	Due Date	Response 1 Date	Response 2 Date	Status
Geometric Report	3	URS	2/12/2010	2/19/2010	Parsons-KDW	MDOT-Taylor	3/5/2010	3/5/2010	3/5/2010	Under review.
Geotechnical Stability Analysis	3	URS	n/a	2/22/2010	NTH-FK	MDOT-Endres	none		3/1/2010	Pending additional info.
MOT Concept Plan	3	URS	2/15/2010	2/25/2010	Parsons-KDW	MDOT-?	3/4/2010	2/2/2010		Revise and Resubmit
Boring Locations	3	URS		2/9/2010	NTH-FK	MDOT-Endres	none			

**JN: TBD – CONTRACT 2 – AESTHETIC DESIGN GUIDE (HAMILTON ANDERSON)**

Contract not yet executed.

**JN: 802330C – CONTRACT 3 – I-75 MAIN LINE (URS)**

See URS progress report.

**JN: 108202D – CONTRACT 4 – S37-82194 (BENESCH)**

See Benesch progress report.

**JN: 108202D – CONTRACT 5 – S38-82194 (WILCOX)**

See Wilcox progress report.

**JN: 108202D – CONTRACT 6 – S39-82194 (URS)**

See URS progress report.

**JN: 108202D – CONTRACT 7 – S37-82194 (URS)**

See URS progress report.