



Project Status Report

Project Name: 3rd Crossing – EA Report

Department: Engineering

Period: Stage 2 Summary 2010

Prepared By:

Document Owner(s)	Project/Organization Role
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PURPOSE

The Project Status Report is a document used as a means of formal monthly reporting on the status of a project to key project stakeholders.

A) Environmental Assessment Update

Background

The overall EA project is progressing on schedule for completion of Stage 2 (phases 3 and 4) by November 2011.

On May 25, 2010, Council authorized that Stage 2 of the Third Crossing Environmental Assessment (EA) Study proceed. Stage 2 will complete the Third Crossing EA Study by building on the findings of the EA Stage 1 Summary Report that assessed the need for and the feasibility of implementing a third transportation crossing over the Cataraqui River. The EA Stage 1 Summary Report presented a number of river crossing options and recommended a bridge crossing at John Counter Boulevard and Gore Road as the preferred option.

Stage 2 activities involve fieldwork investigations by the project team at the preferred John Counter Boulevard-Gore Road corridor. For all the fieldwork activities noted below, plans have been prepared by the City's project team in accordance with Federal and Provincial guidelines. The plans have also been approved by the City of Kingston and Parks Canada.

Discipline	Fieldwork Description in Study Area
Geo-Environmental	Measuring Environmental characteristics.
Geo-Technical	Measures foundation characteristics in land/water.
Aquatic Ecological	Aquatic vegetation and fish sampling.
Terrestrial Ecological	Land vegetation and wildlife inventory.
Marine Archaeological	Marine/water based archaeological.
Terrestrial Archaeological	Based upon bridge location, land based arch.
Hydro-Technical	Water resource assessments.
Traffic Analysis	Intersection and adjacent community analysis.
First Nations	Discussions with First Nation communities.

July / August 2010:

- Geotech borehole investigations were performed along the corridor with 1 on each shore and 1 in the water. Information will assist foundation designers during the detailed design.
- Various letters to stakeholders/agencies such as Parks Canada, MTO, for guideline adherence and to service providers like Hydro, Cogeco, etc. to keep them involved in the planning process.
- Project Description to Canadian EA Agency to determine who the Responsible Authority will be for the project under a Federal EA.
- The successful transfer of project from Real Estate and Construction Services (Stage 1) to Engineering, for Stage 2, and EA completion.
- Communication updates on the City website and mailing lists on up to date information regarding the project.

September 2010:

- Sediment sampling (and vibrocoring) was completed and lab analysis followed to determine soil characteristics required for the EA.
- Electric Resistivity Imaging (ERI) works were completed. This work determined the bedrock elevations and characteristics within the corridor. The ERI discovered two fault lines and that the rock is 40 meters below water surface in portions of the corridor.
- The Traffic Work Plan was further discussed to ensure that the major intersections, adjacent communities, and origin/destination traffic patterns would be addressed in the Project Team's modeling efforts for a base year without the bridge, and future years with a bridge implemented.
- Project Description to Canadian EA Agency to determine who the Responsible Authority will be for the project under a Federal EA. Parks Canada and Transport Canada have been confirmed as Responsible Authorities.
- Communication updates on the City website and mailing lists on up to date information regarding the project.
- The Project Team performed a site tour and follow up meeting with Parks Canada to discuss key viewsapes from the water and aesthetic concepts.
- Discussions with Utilities Kingston commenced on the topic of watermain infrastructure.
- Progressed discussions regarding UNESCO and First Nations considerations

October 2010:

- Conducted Technical Advisory Committee and Public Liaison Committee meetings providing project updates, direction, and design considerations.
- Terrestrial and marine ecology discussions progressed with initial findings being relayed to the design team for consideration.
- Sediment sampling (and vibrocoring) lab analysis is almost fully complete in determining soil characteristics required for the EA.
- The Traffic Work Plan was further discussed to ensure that the major intersections, adjacent communities, and origin/destination traffic patterns would be addressed in the Project Team's modeling efforts for a base year without the bridge, and future years with a bridge implemented.
- Progressed discussions regarding UNESCO and First Nations considerations.

November 2010

- For discussion purposes, a preliminary sketch illustrating right of way layout on west shore was prepared and the review required revisions.
- Terrestrial and marine ecology discussions progressed further with the project team.
- A revised draft Phase 1 Environmental Site Assessment report was submitted. Summary states that additional sampling of soil and groundwater is needed in select areas on the west side of the corridor to ascertain level of contamination. However, those works are not required as part of the Stage 2 report but they will be noted in the EA that such activities are required in the future.
- Traffic counting on intersections on both shores and in surrounding areas.
- The Traffic Work Plan was further discussed to ensure that the major intersections, adjacent communities, and origin/destination traffic patterns would be addressed in the Project Team's modeling efforts for a base year without the bridge, and future years with a bridge implemented.
- Stage 2 archaeology in the cultural meadow north of the Gore Road ROW and Stage 3 archaeology in the Gore Road ROW was initiated.
- Sediment sampling program report describing sediment quality was completed. Additional investigation is recommended to mitigate sediment transport during construction. However, those works are not required as part of the Stage 2 report but they will be noted in the EA that such activities are required in the future.
- Draft Final hydro-technical report submitted for review advising that next step is to measure the impact of bridge pier location/sizing once determined in early 2011.

- The “Third Crossing - Stage 1 Summary Report April 9” prepared for City of Kingston Council Report as well as status reports up to October 2010 were circulated by mail to appropriate First Nations representatives.

December 2010:

- The Traffic Work Plan was further discussed to ensure that the major intersections, adjacent communities, and origin/destination traffic patterns would be addressed in the Project Team’s modeling efforts for a base year without the bridge, and future years with a bridge implemented.
- Stage 2 archaeology in the cultural meadow north of the Gore Road ROW and Stage 3 archaeology in the Gore Road ROW was completed with reports pending.
- Met with Ardoch Algonquin First Nation and reviewed preliminary Third Crossing design info and received initial comments.
- Preliminary Third Crossing design info was shared with Mohawk Nation Council of Chiefs and subsequent telephone discussions occurred.
- Received letter from the Mohawk Council of Akwesasne indicating that they were interested in receiving progress updates.
- Continued discussions/interaction with Parks Canada regarding the project in terms of the "Heritage Values and Guiding Principles" document to ensure conformity with UNESCO concerns with particular attention to natural heritage, archaeology, site-lines/view-scapes.
- Received 2nd Interim Technical memo regarding geotech and geophysical project works.