



Ottawa's Light Rail Transit Project



OLRT Update to Finance and Economic Development Committee

March 2011



In January 2010, Council directed City staff to continue advancing the OLRT project, and specifically to:

- Advance the Environmental Assessment process;
- Begin the property acquisition process;
- Initiate the preliminary engineering process;
- Initiate the procurement management process; and
- Undertake an urban design study.

This presentation reviews the steps taken to fulfill Council direction and outlines next steps for the OLRT project

- On August 17, 2010 the Province of Ontario approved the OLRT project's Environmental Assessment (EA).
- Federal EA approval is anticipated in Q4 2011.
- City received approval in principle (AIP) letters from the Federal and Provincial governments that makes OLRT spending eligible for cost sharing.
- These letters are the second step in a three step process (Announcement → AIP → Contribution Agreement).
- Staff anticipate having contribution agreements ready for Council ratification in Q4 2011.

- Negotiations are underway to secure the required property and subterranean rights for the OLRT project.
- Staff will present a report to Council in April.
- This report will seek direction to streamline the property acquisition process.



Preliminary Engineering Work Underway

- In August 2010 the City concluded the Preliminary Engineering (PE) procurement process selecting Capital Transit Partners, a Joint Venture of several world-class engineering firms including:
 - Morrison Hershfield Limited;
 - Jacobs Associates;
 - STV Canada Consulting Inc.; and
 - URS Canada Inc..
- PE work commenced in September 2010.



- Purpose of Preliminary Engineering (PE) is to advance the functional design of the OLRT project to a level optimal for procurement.
- Advancement of the functional design includes modifications or refinements for the purpose of:
 - Cost containment;
 - Technical feasibility (geotechnical results);
 - Transportation mode integration; and
 - Business Development.
- The PE team will deliver an interim report that outlines the modifications and updated cost estimate (60% completion) for Council approval in July 2011.



Preliminary Engineering Design to Budget

- The PE team has been directed to design within the \$2.1B (2009 dollars) functional design estimate.
- The PE team is currently exploring some modifications to the functional design including:
 - Shortening the tunnel length and constructing Campus station at surface grade;
 - Simplifying and phasing the construction of Bayview station; and
 - Shortening station platform lengths.
- The PE team will conduct a formal value engineering process to identify additional opportunities to contain costs while maintaining system functionality



Procurement and Contracting Procurement

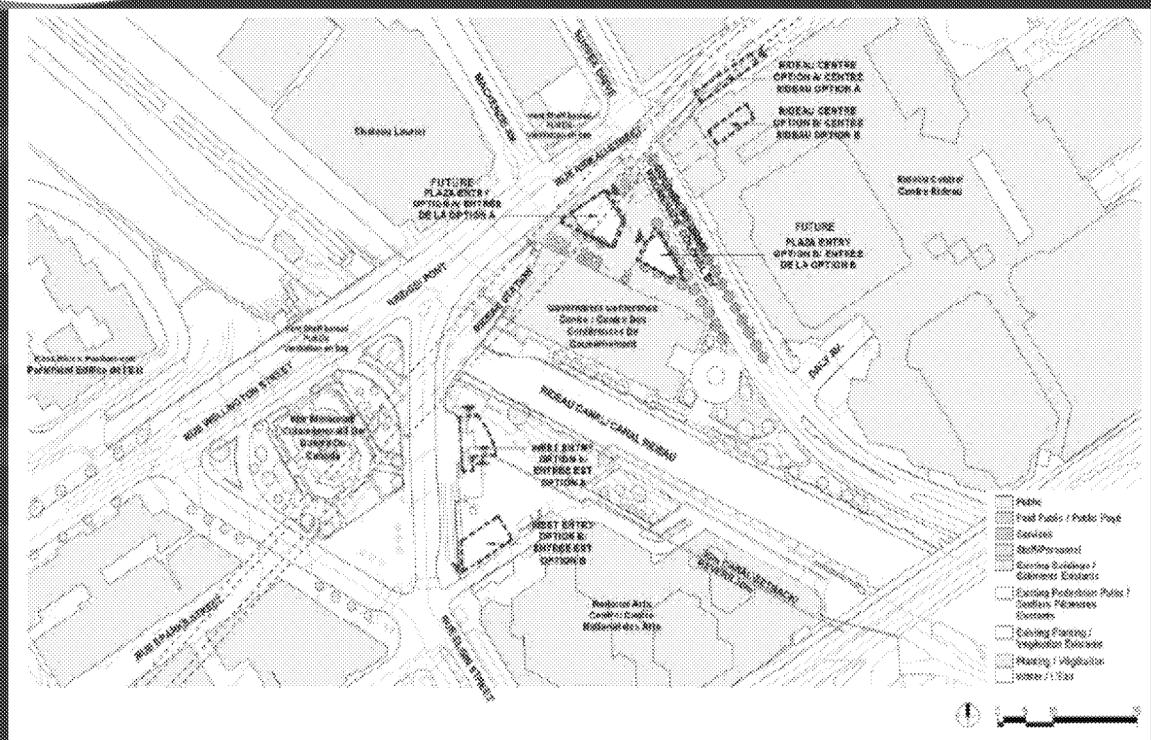
- Staff are finalizing a report that will recommend a procurement option and contracting strategy to Committee and Council.
- Procurement considerations are:
 - Industry best practices;
 - Risk transfer; and
 - Cost control.
- Procurement and Contracting report will be considered by FEDCO in May 2011.



- OLRT staff are developing an urban design strategy around LRT stations that will feed into the broader Downtown Ottawa Urban Design Strategy (DOUDS).
- OLRT staff are advancing station design that will involve consultation with:
 - Urban Design Review Panel;
 - Advisory Committees;
 - Public Open House (June); and
 - Algonquin's of Ontario (AOO).
- Staff will be undertaking consultation with the public on line and station naming.
- Outcomes from the consultation will inform the design presented to Council for approval in July 2011.



Rideau Station

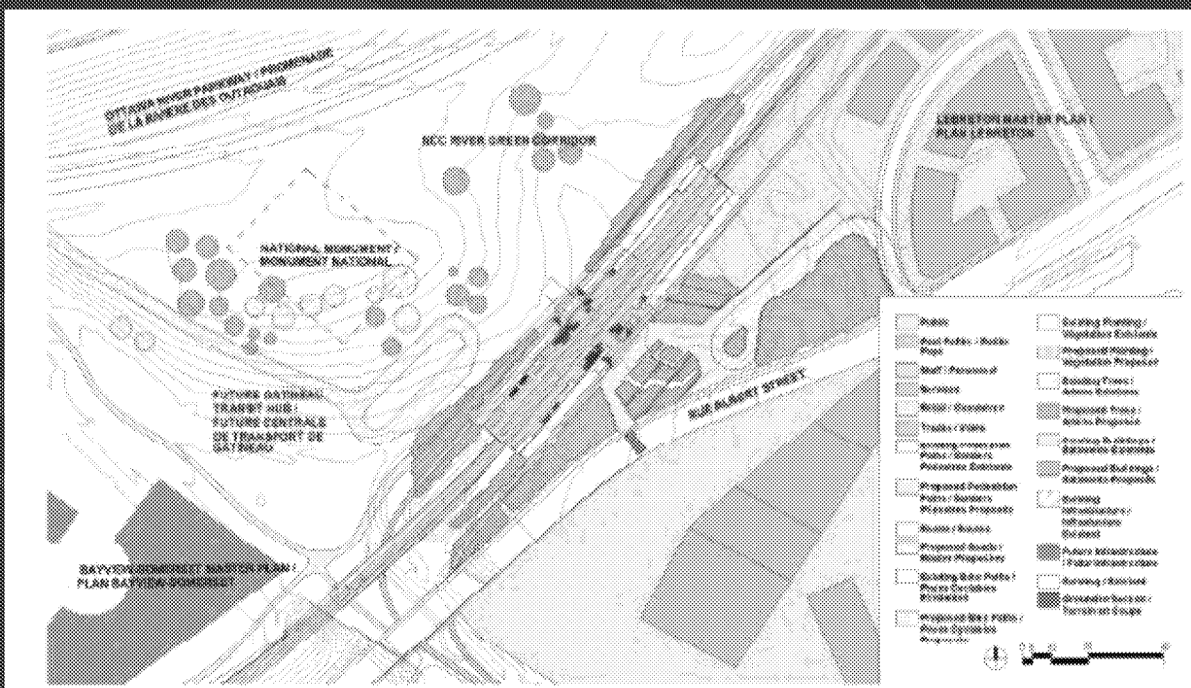


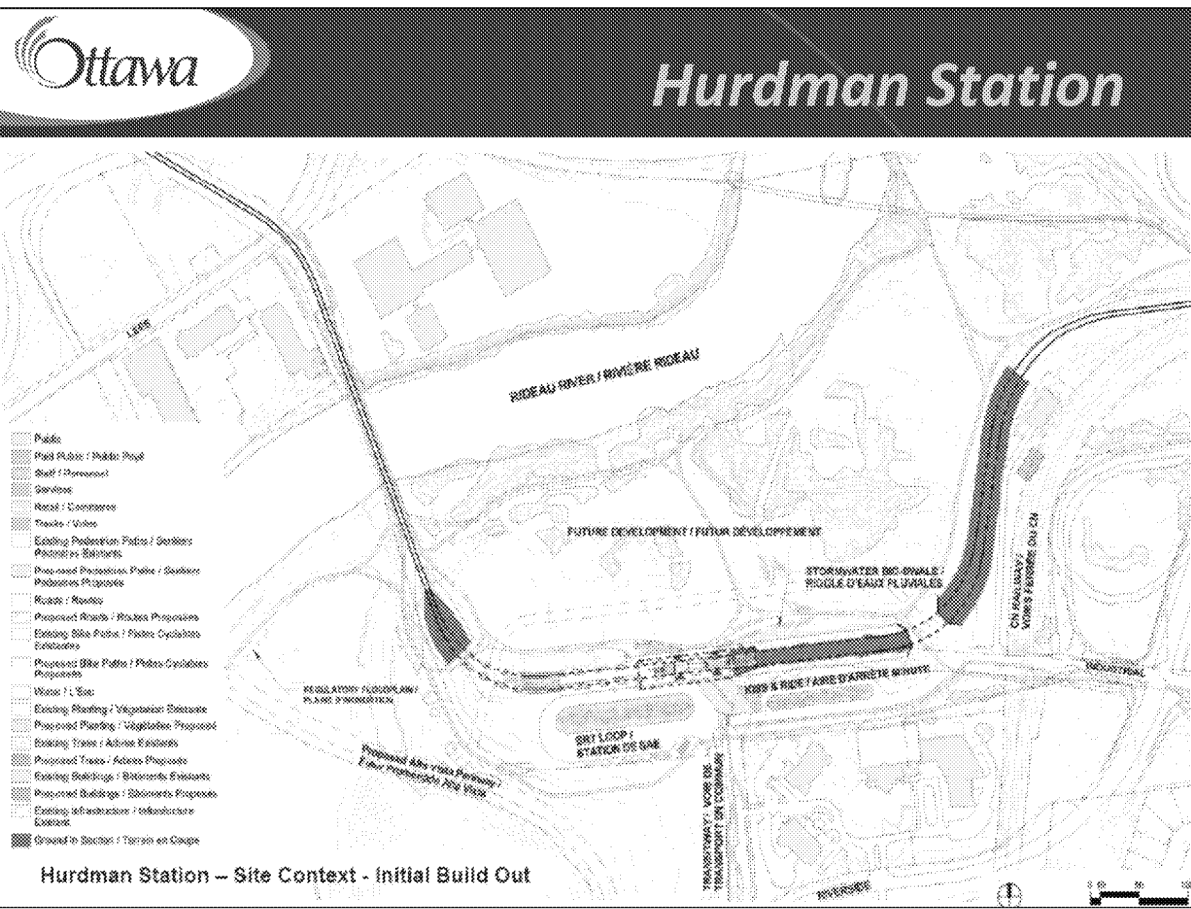
- Public
- Food/Pub/Photo Shop
- Services
- Bank/Pharmacy
- Business Buildings / Government
- Existing Pedestrian Paths / Existing Bicycles Routes
- Existing Planning / Existing Features
- Planning / Vegetation
- Water / Gas





Bayview Station

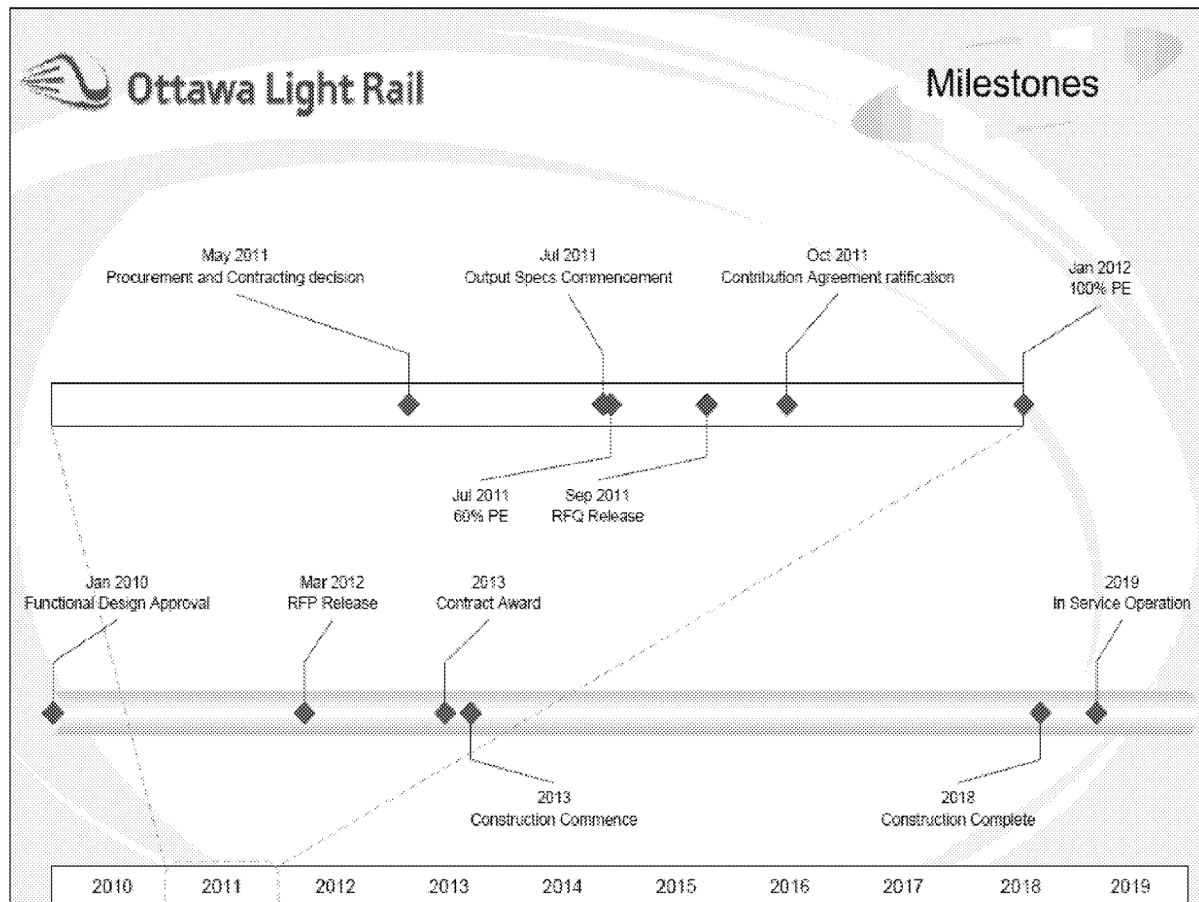




		<h1>Upcoming Milestones</h1>	
Item	Description	FEDCO	Council
OLRT Property acquisition strategy report	Council report recommending property acquisition strategy.	April 5, 2011	April 13, 2011
Procurement and Contracting Strategy	Council report recommending procurement and contracting strategy for the OLRT project.	May 3, 2011	May 11, 2011
Business Development Strategy report	Report to Council for information on the integration with the private sector along the OLRT alignment.	July 5, 2011	July 13, 2011
Update to OLRT Design and Cost Estimate	This report will present for Council approval the modified OLRT functional design based on the preliminary engineering work. It will also include updated cost estimates. This report will also include an updated Business Case.	July 5, 2011	July 13, 2011
Contribution Agreement Ratification	Report seeking Council ratification on the federal and provincial contribution agreements	Q4 2011	Q4 2011

Other dates of notice

- **April 2011** - Reporting on Phase 2 Geotechnical investigation.
- **November 2011** – Reporting on Phase 3 Geotechnical investigation.
- **June 2011** – Public open house on station design.



Schedules for projects of this magnitude are very sensitive to individual element timing and their dependencies. It is imperative that decisions and actions are completed as scheduled so as to ensure that the final commissioning date is met.



QUESTIONS?



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