Purpose

Evaluate alternative routes for a minor extension of College Street East and associated servicing of City-owned industrial lands west of Bell Creek. The extension would facilitate future development of the existing industrially-zoned lands in the North East Industrial Park area.

Summarized Process

**Phase I**
Identify Problem / Opportunity
- Issue Notice of Study
- Commencement

**Phase II**
Alternative Solutions
- Inventory of the Environment
- Develop Alternative Solutions
- Public Consultation
- Select Preferred Solution
- Project File Report

We are here

Municipal Class Environmental Assessment Process
A large portion of the study area has been previously disturbed. The undisturbed areas have a well-documented history of 19th century Euro-Canadian settlements. Test pits were dug in areas with archaeological potential, but nothing of cultural heritage value was found.

**ECOLOGICAL LAND CLASSIFICATION**
- White Cedar-Hardwood Mineral Mixed Swamp
- White Elm Mineral Deciduous Swamp
- Reed-canary Grass Mineral Meadow Marsh
- Narrow-leaved Sedge Mineral Meadow Marsh
- Mixed Mineral Meadow Marsh
- Grey Dogwood Cultural Thicket
- Red Cedar Cultural Thicket
- Dry-Fresh Old Field Cultural Meadow

**ARCHAEOLOGICAL FINDINGS**
- A large portion of the study area has been previously disturbed.
- The undisturbed areas have a well-documented history of 19th century Euro-Canadian settlements.
- Test pits were dug in areas with archaeological potential, but nothing of cultural heritage value was found.

**LEGEND**
- **EXISTING INFRASTRUCTURE**
  - Watermain
  - Sanitary Pipe
  - Stormwater Pipe
- **TECHNICAL INVESTIGATION**
  - Test Pit Location
- **NATURAL HERITAGE FEATURES**
  - Setback from Wetlands & Watercourses
  - Provincially Significant Wetland
  - Non-Provincially Significant Wetland
  - Watercourse

*Source: Quinte Conservation - Belleville Industrial Park - Wetlands & Watercourses
STORMWATER MANAGEMENT OPTIONS

<table>
<thead>
<tr>
<th>OPTION</th>
<th>ADVANTAGES</th>
<th>DISADVANTAGES</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 (Two Ponds)</td>
<td>• Ability to phase construction to reflect timing of development • Costs can be spread over time • Smaller sewer requirements</td>
<td>• Less efficient use of land • Increased maintenance requirements • Greater approval requirements</td>
</tr>
<tr>
<td>2 (One Pond)</td>
<td>• Less land required, allowing for more developable land • Less maintenance • Fewer approval requirements • More efficient • Will allow for phased expansion of the facility</td>
<td>• Larger upfront cost (i.e., must build all related infrastructure upfront) • Facility could be over-designed if assumptions made prior to development • Larger storm sewer / ditching required to direct flows to pond</td>
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<tr>
<td>3 (On-Site Controls)</td>
<td>• Smaller sewers required • Costs incurred by developer, at time of development • Stormwater management strategy can be designed to meet the unique site characteristics</td>
<td>• Site is not &quot;move in&quot; friendly to potential businesses • Typically involves use of oil / grit separators, and maintenance by private owners is critical to their efficiency</td>
</tr>
</tbody>
</table>

SANITARY PUMPING STATION LOCATION OPTIONS

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>ADVANTAGES</th>
<th>DISADVANTAGES</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>• Ease of access from College St. • Shortest forcemain required</td>
<td>• Developable frontage lost • Visibility / aesthetics • Lands fronting Airport Pkwy W. may need to run deep sewers in easement with a very deep pumping station wet well • Deeper sewers may be required to service lands fronting Airport Pkwy</td>
</tr>
<tr>
<td>B</td>
<td>• Potential shallower gravity sewers</td>
<td>• Developable frontage lost • Access more difficult for interim phase • Visibility / aesthetics in future • Additional forcemain required • Lands fronting Airport Pkwy W. may need to run deep sewers in easement with a very deep pumping station wet well • Deeper sewers may be required to service lands fronting Airport Pkwy</td>
</tr>
<tr>
<td>C</td>
<td>• Hidden from sight (to College St.) • Ease of access from Airport Pkwy W. • Ability to service lands along Airport Pkwy W. • Increases developable frontage alongside College St.</td>
<td>• Easements required for sanitary sewer and forcemain, impacting developable land • Additional forcemain required</td>
</tr>
</tbody>
</table>
NEXT STEPS

- Review public, stakeholder and agency comments received;
- Confirm the preferred solution and incorporate public and agency input if required;
- File Notice of Study Completion and place the Project File Report on public record for a 30-day review period.
- Subject to the outcome of the Environmental Assessment and approval from Council, proceed with detailed design and construction.

Your comments are encouraged and appreciated, as this will provide us with an opportunity to address local issues and concerns.

TO PROVIDE COMMENTS OR REQUEST FURTHER INFORMATION, PLEASE CONTACT:

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A copy of this information is also available on the City’s Website: www.city.belleville.on.ca
The deadline to provide comments is December 30, 2011.