Landmark
Engineers Inc.

HOWARD BOUFFARD DESIGN SCOPING MEETING

28 JANUARY 2026 / 25-030

PROJECT: Landmark Engineers has been appointed to evaluate stormwater management within the Howard Bouffard study area and prepare a drainage report(s) in accordance with provisions of the *Drainage Act*.

LANDMARK ENGINEERS

- Alain Michaud, P.Eng. – Drainage Engineer, Project Lead
amichaud@landmarkengineers.ca; 519-972-8052

- Dan Krutsch, P.Eng. – Drainage Engineer, Project Advisor / Quality Control

PERALTA ENGINEERING

- Tony Peralta, P.Eng. – Drainage Engineer, Drainage Act Assessments / Advisor

TOWN OF LASALLE

- Brian MacMillan, C. Tech. – Drainage Superintendent
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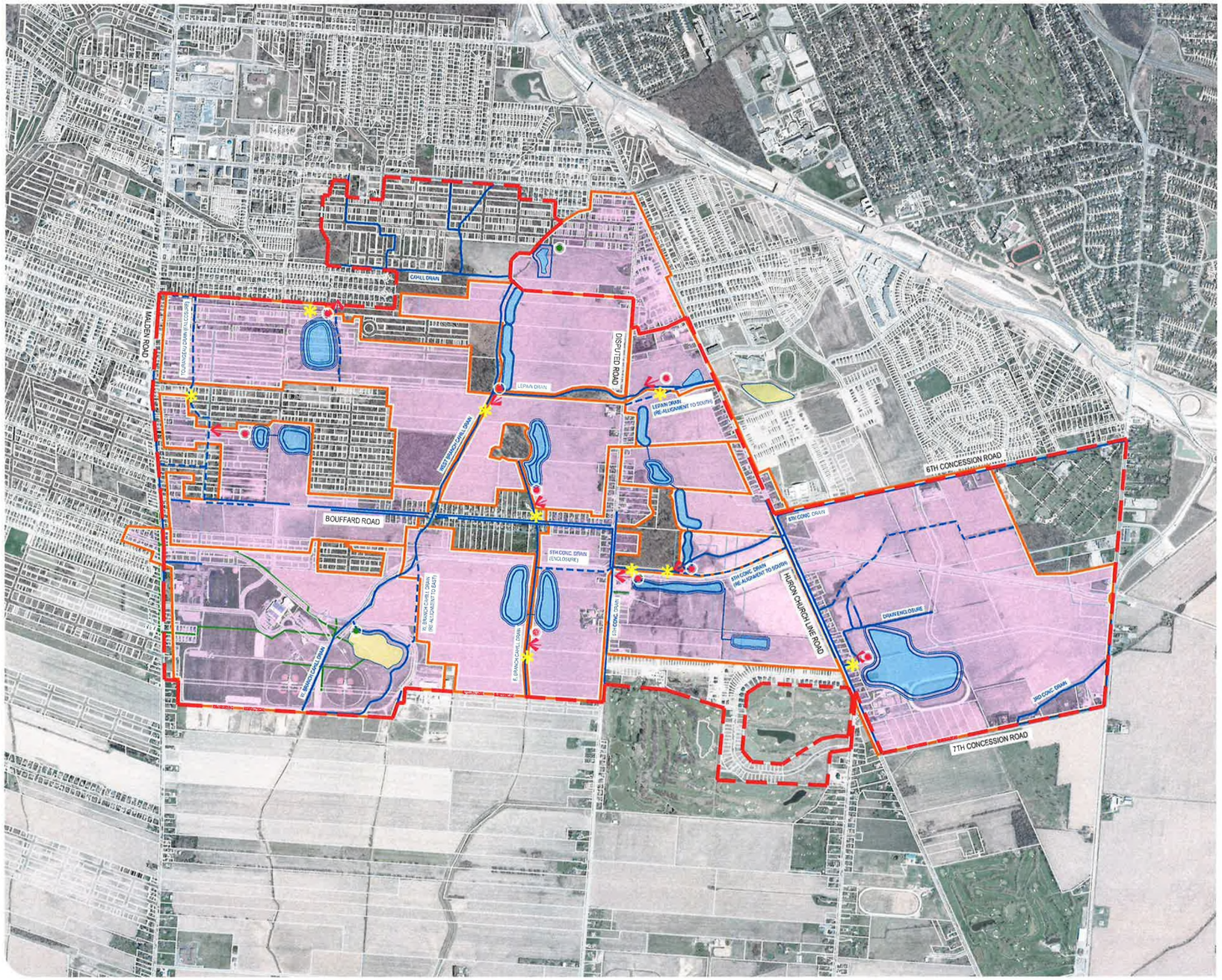
Reminder: Please make sure you have signed in.

Landmark Engineers Inc.

Today's meeting is a Scoping Meeting, which is an early discussion (workshop) intended to:

- Present the project's background, current scope and objectives
- Discuss detailed design considerations
- Gather feedback from affected stakeholders

BACKGROUND – 2017 EA PREFERRED SWM SOLUTION



CLASS ENVIRONMENTAL ASSESSMENT ADDENDUM
TOWN OF LASALLE, ONTARIO

PREFERRED SOLUTION: STORMWATER MANAGEMENT
FIGURE 6.0

- STUDY AREA
- MUNICIPAL DRAIN ALIGNMENT
- PREFERRED DRAIN ALIGNMENT
- EXISTING STORM SEWER
- DRAINAGE BOUNDARY
- EXISTING POND
- PREFERRED POND
- PREFERRED LINEAR FACILITY
- EXISTING PUMP STATION
- PREFERRED PUMP STATION
- PREFERRED POND OUTLET
- OUTLET CAPACITY ANALYSIS REQUIRED

SCALE 1:2,000 (11"x17")
0 200 400 800m

N W E S

MAP/DRAWING INFORMATION
THIS DRAWING IS FOR INFOFMATION PURPOSES ONLY. ALL DIMENSIONS AND BOUNDARY INFORMATION SHOULD BE VERIFIED BY AN O.L.S PRIOR TO CONSTRUCTION.
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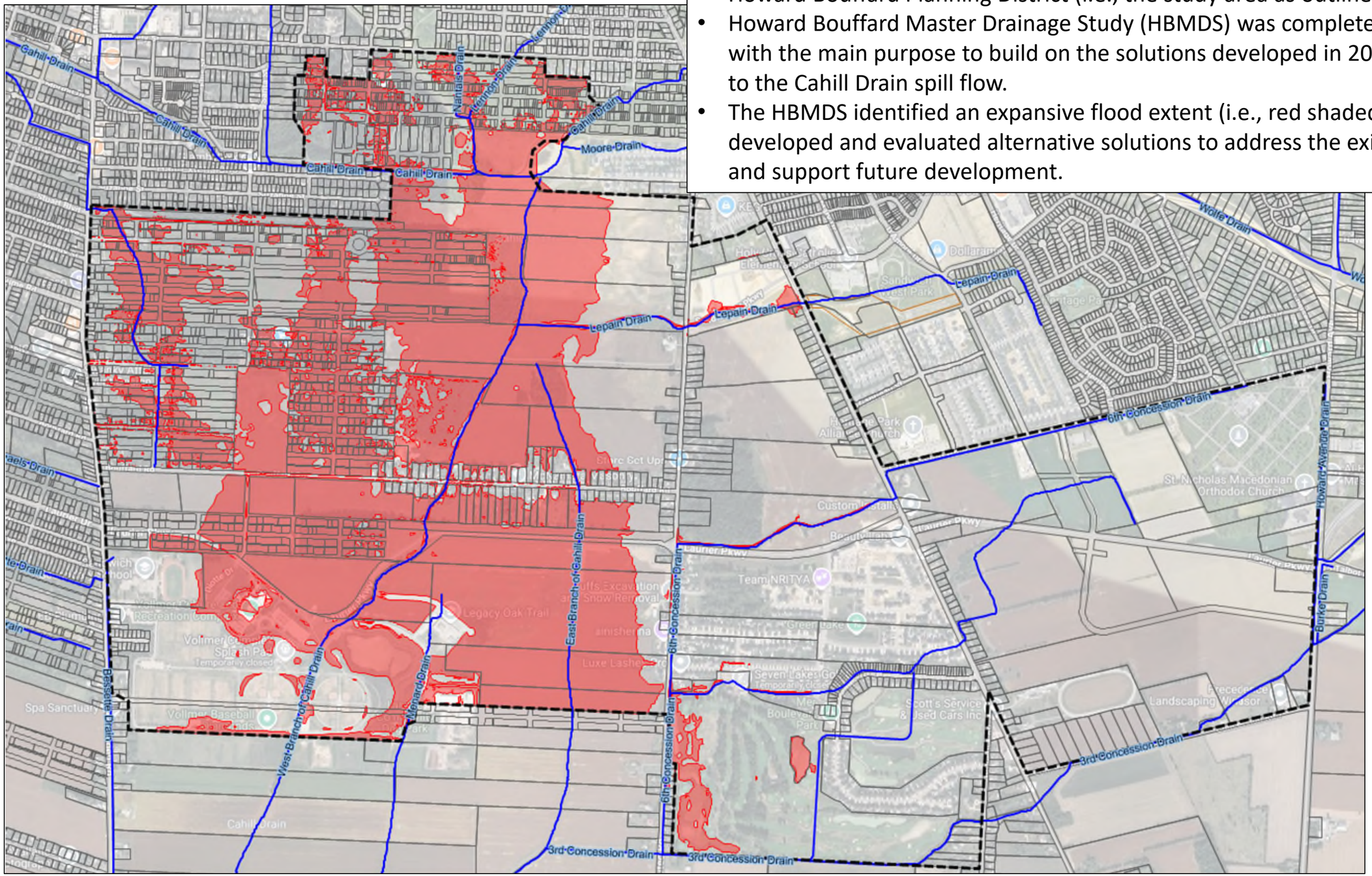
DILLON CONSULTING

PROJECT: 16-3470
STATUS: FINAL
DATE: 01/27/2017

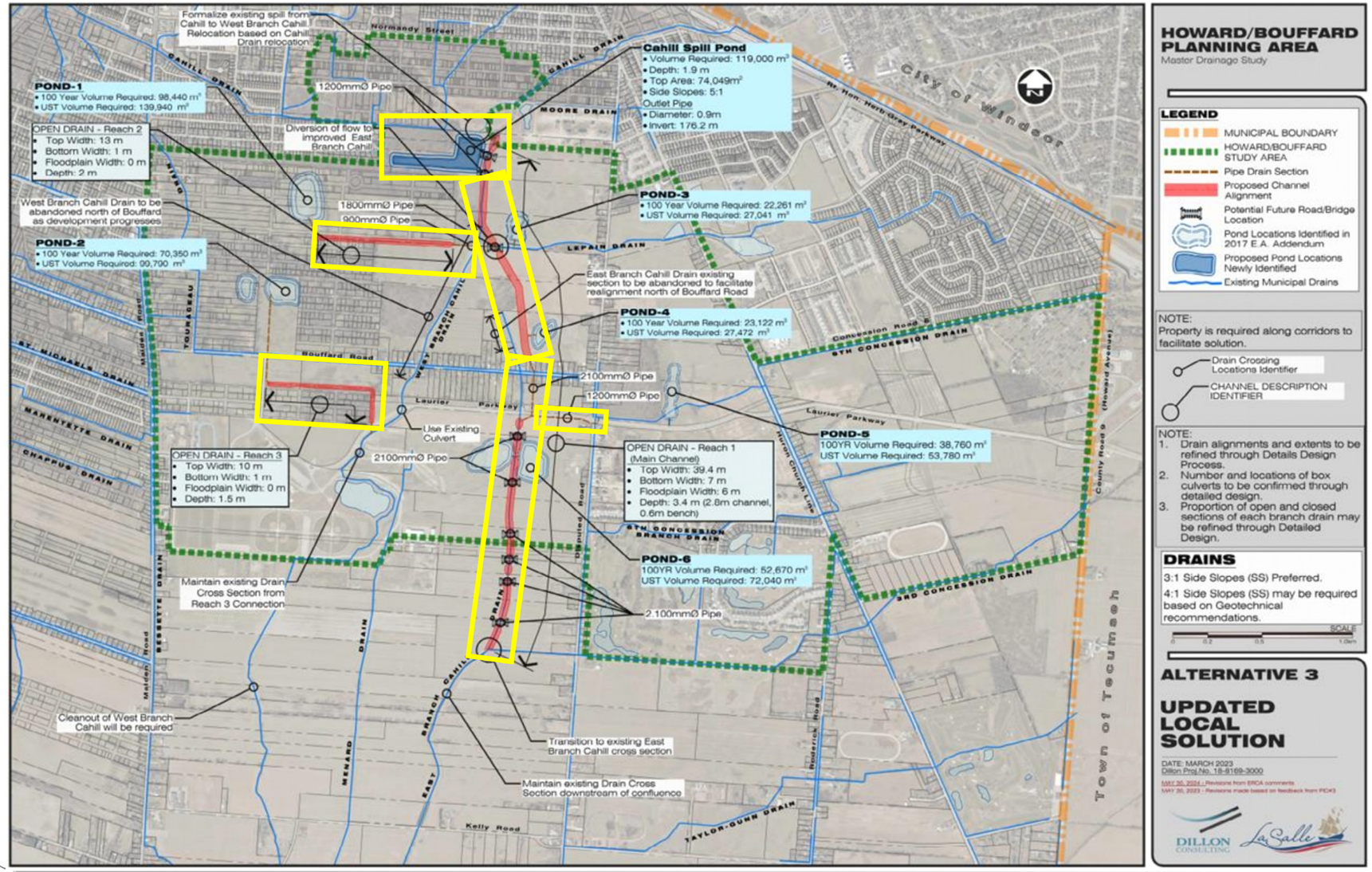
BACKGROUND – HOWARD BOUFFARD MASTER DRAINAGE STUDY

- Howard Bouffard Planning District (i.e., the study area as outlined in dashed black line)
- Howard Bouffard Master Drainage Study (HBMDS) was completed in September 2024 with the main purpose to build on the solutions developed in 2017 with consideration to the Cahill Drain spill flow.
- The HBMDS identified an expansive flood extent (i.e., red shaded area); and, developed and evaluated alternative solutions to address the existing flooding extents and support future development.



HOWARD BOUFFARD
DESIGN SCOPING MEETING

Figure 7: Preferred SWM Solution



Project Scope:

Project scope includes detailed design and construction of parts of the HBMDS Preferred SWM Solution, as outlined in yellow boxes, namely:

a. Cahill Spill Pond
b. New Main Drain – Reach 1
c. New Branch Drains:
   - Reach 2
   - Reach 3
   - 1200mm dia. pipe

Project Objective:

The construction of these elements will fully contain the flood waters from the Cahill Spill and provide drains of sufficient depth and size to accommodate new development.

Detailed Design Considerations:

- Refinements to the main channel and branches
- Utilize parkland and/or naturally low-lying areas for stormwater management.
- **Review locations of the local stormwater ponds with Developers to determine final routing of the branch drains.**

As previously mentioned, the project is being completed through the *Drainage Act,* which includes:

- Refining the design and project costs; and,

- Determining cost assessments to the benefitting lands*

*The *Drainage Act* provides a mechanism to assess owners of the contributing / benefitting lands upstream of the study area (e.g., City of Windsor and Town of Tecumseh).

<u>Grant Funding:</u> The Town of LaSalle has been approved to receive more than $22 million through Ontario's Housing-Enabling Water Systems Fund.

- ☐ Gather feedback from today's meeting and begin final design of the stormwater management solution.
- ☐ Coordinate focused meetings with Developers for discussion of potential opportunities to refine the SWM solution and optimize development plans.
- ☐ Coordinate a Drainage On-Site meeting with all landowners within the overall contributing watershed.

We want to work together with landowners to refine the preferred SWM solution and optimize the final design.

Any questions or comments? We want to hear from you!

Updates throughout the project can be found at:
www.lasalle.ca/drainage or scan QR code