



Town of LaSalle: Howard/Bouffard Planning Area Master Drainage Study – Study Update – May 2019 Existing Conditions Flood Extents and Development of Alternative Solutions

The development of alternative solutions is now well under way and the study is progressing towards a Public Information Centre in June 2019. At this time, the Town of LaSalle would like to provide an update to stakeholders.

The existing conditions flood extents mapping was distributed via a public notice and link to the Town's website in January 2019. The results were established using the Technical Guidelines for Flood Hazard Mapping, March 2017, prepared by Environmental Water Resources Group Ltd. and in coordination with the Essex Region Conservation Authority (ERCA) and Town of LaSalle. Since that time, it was identified that the illustration of the flood extents particularly along Disputed Road was beyond what the hydraulic grade line elevations along the East Branch Cahill Drain would dictate. The map has since been revised and can be viewed in greater detail by visiting the Town's website for this project: http://www.lasalle.ca/hbmds

Please note that the flood extents have only been illustrated within the study boundary. This does not mean that the flooding does not extend beyond the boundary.

It should also be noted that adherence to the Technical Guidelines represents а different process than has undertaken been in previous efforts to estimate the flood extents and so explains the any variation in extents. The map the provides guidance to the Town and ERCA with respect to the status of developable lands which fall in or out of the flood extents.



The development of alternative solutions is now well underway. A Technical Engagement Session was held with the Town and ERCA in late April to review the preliminary findings, discuss additional alternatives and opportunities, and to clarify technical parameters moving forward. The anticipated timeline to project completion is as follows:

- A Public Information Centre (PIC) will be held in June 2019. A notice for the PIC will be distributed in advance to confirm the time, date and location of the meeting.
- Feedback from the PIC will be considered and reviewed with the Town and ERCA in late June and direction moving forward will be confirmed.
- A draft study will be provided to the Town and ERCA in August 2019.
- Study completion is anticipated by September 1, 2019. At that time the study will be made available for public comment.

Once complete, the Master Drainage Study document will speak to the following:

- Development of the existing conditions flood extents
- Development and analysis of alternatives solutions and recommended solution
- Preliminary design, cost estimate, cost recovery, property requirements and implementation details
- Natural environment, natural heritage and archaeological considerations

For further information, to provide comments, or to be added to the mailing list, please contact:

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Town of LaSalle: Howard/Bouffard Planning Area Master Drainage Study Notice of Public Information Centre



The Town of LaSalle has retained Dillon Consulting Limited to prepare a comprehensive solution to address stormwater overflow into the Howard and Bouffard Planning Area during major storm events. The study area is shown below. The study is being completed following the requirements of the Municipal Class Environmental Assessment process for a Master Plan. The purpose of the study is to:

- Build on the solutions developed through the Bouffard Howard Planning Districts Class Environmental Assessment Addendum (March 2017).
- Redefine the flood mapping for existing conditions.
- Establish anticipated build out conditions and develop an implementation strategy to mitigate flooding in the area.
- Estimate costs for identified solutions as well as cost recovery mechanisms.
- Establish property requirements to facilitate the improvements.

It is intended that the recommended solution along with suitable stormwater management measures for the developable lands will eliminate the flooding caused by the overflow within the planning area and will allow development to proceed.



The project team has evaluated alternative solutions to address the stormwater overflow and will be displaying a recommended solution for public input at a Public Information Centre as outlined below. Please join us to learn more about the project and provide your feedback.

Date:June 26, 2019Time:4:00 to 7:00 p.m.Location:Atrium, LaSalle Civic Centre, 5950 Malden Rd, LaSalle, ON

If you have any questions about this project, please contact either of the individuals listed below.

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Public Information Centre



Howard/Bouffard Planning Area







Background

- - Detailed design and construction of Laurier Parkway (2010)
 - (2010).
- Previous studies addressed stormwater management (SWM) for minor and major events however, spill-over from adjacent drainage areas was not considered
- The Town of LaSalle and Essex Region Conservation Authority are only able to issue approvals for development areas outside of the flood inundation area.

Study Area is primarily designated residential and is planned to be developed over several years

Several studies have been completed to plan for new infrastructure in the area: Bouffard and Howard Planning Districts Functional Design Study (2005) and Addendum (2017) Environmental Study Report for Laurier Parkway between Malden Road and Howard Avenue (2009) Design and construction of the expansion of the Vollmer Complex and related stormwater management facility





Class Environmental Assessment Process



Environmental Assessment (EA) (2015) for a Master Plan. The study is following Phases 1 and 2 of the process.

The study is a critical step for the Town and Essex Region Conservation Authority to allow development to proceed in the area. The objective is to prepare a comprehensive solution to address stormwater overflow into the Howard and Bouffard Planning Area during major storm events.

ü Relevant social, environmental and engineering factors are considered in the planning and design process ü Public and agency input is integrated into the

decisions.





PHASE 5: Implementation

ü Design and construction phase ü Project must be designed and constructed as outlined in the

Study Purpose

- Districts Class Environmental Assessment Addendum (March 2017) to mitigate flooding in the area
- Build on the solutions developed through the Bouffard Howard Planning • Define the flood mapping for existing conditions • Establish build-out conditions and develop an implementation strategy
- Estimate costs for identified solutions as well as cost recovery mechanisms
- Establish property requirements to facilitate the improvements.



Growth in LaSalle

- Benefits for growth to the general public include:
- Benefits to homebuyers include:
 - ____ offset this imbalance.
 - and address this issue.

Benefits to home buyers based on *Consultation Document: Increased* Housing Supply in Ontario (Ministry of Municipal Affairs and Housing, 2018). To learn more, visit <u>www.ontario.ca/housingsupply</u>

LaSalle currently has a limited supply of land ready for development

- Better municipal services. Increased tax base from development helps to pay for needed municipal services such as infrastructure and social services.

– New amenities. Development in the Howard/Bouffard area will include amenities that serve the broader area, such as parks and community facilities.

Increased availability. Ontario currently has an undersupply of housing relative to demand. Increased housing supply will help to

Improved affordability. Affordability is a major issue in Ontario's housing market. Increased housing supply can help to lower prices







Existing Conditions – Land Use

Town of LaSalle Official Plan Schedule "B" – Land Use Plan





Existing Conditions – Natural Heritage









Existing Conditions – Municipal Drains and Drainage Areas







Existing Conditions - Flood Extents







Development Potential







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Stormwater Solution – 2017 EA Addendum







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High Level / Preliminary Alternative Stormwater Management Options Considered



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Alternative 1A Eliminate Ponds Along East Branch Cahill



File Location: c tproperoniae working threatary properts 2018/3/bit/i/ametics/i/i/160469-ct-pe





Alternative 1B 1A Plus Eliminate Ponds to Cahill Drain



File Location: c. protectereneration directory/projects 2016/J2/bt/cdm/e2516/198169-02 pc-5p



