



Summerlea Storm Sewer System Upgrades

Public Information Session
March 3, 2015



Introduction

1. Housekeeping Items
2. Presentation
 - Project Overview
 - Stakeholder Updates
 - Conclusions and Next Steps
3. Question Period
4. Information Boards
5. Exit Survey

Please hold questions until after presentation.



Today's Meeting

- Share information on the Summerlea Storm Sewer System Upgrades
- Present the overall storm sewer system upgrades proposal
- Present benefits and scheduling of the project
- Question and answers
- Obtain feedback on the planned design and schedule



After Today's Meeting

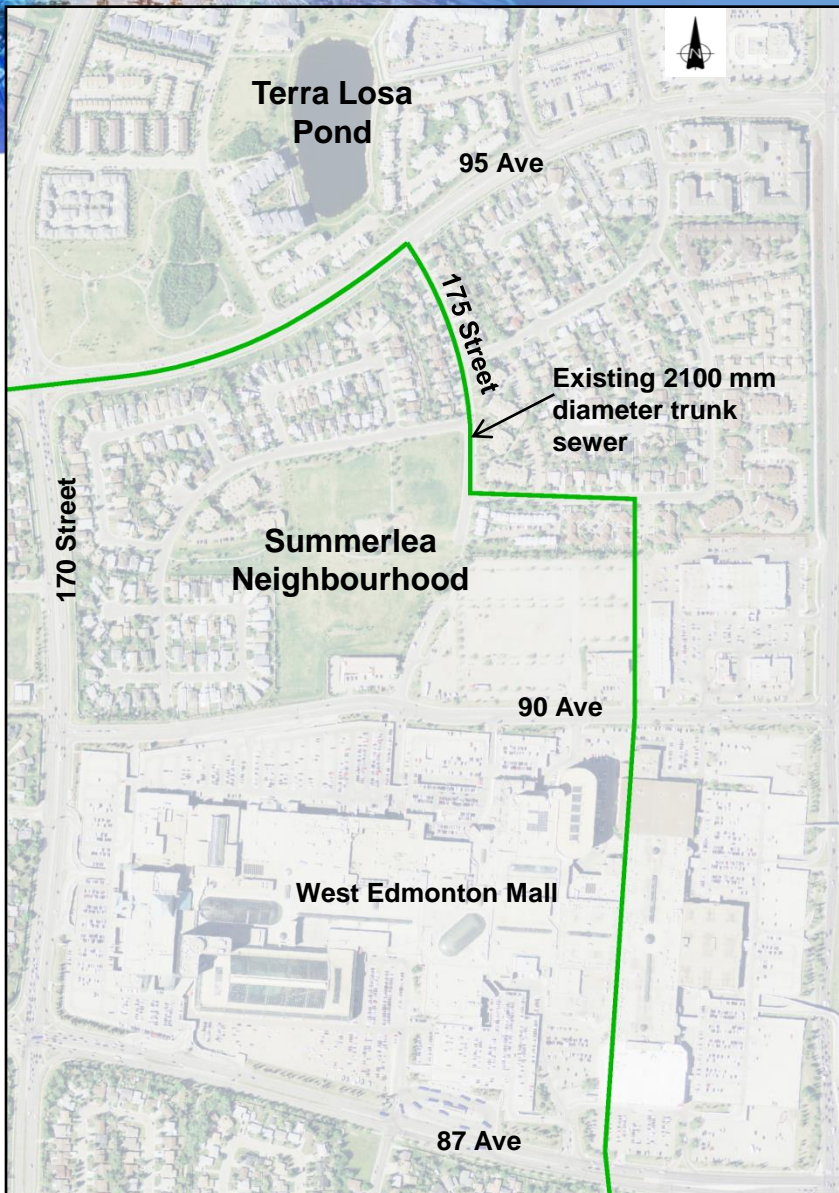
- Summarize and share community input
- Consider community input in work ahead
- Report progress and keep you informed
- Return to the community prior to construction

What could contribute to flooding?



- Intense rainfall
- Water ponding in low areas
- Water infiltrating into sanitary sewers
- Plugging of catchbasins
- Flows exceeding capacity of either or both local and trunk sewers

Project Location – Summerlea and Terra Losa



Project Background

In July 2004, 76 reported flooding events occurred in the Summerlea neighbourhood.

Main flooding mechanisms:

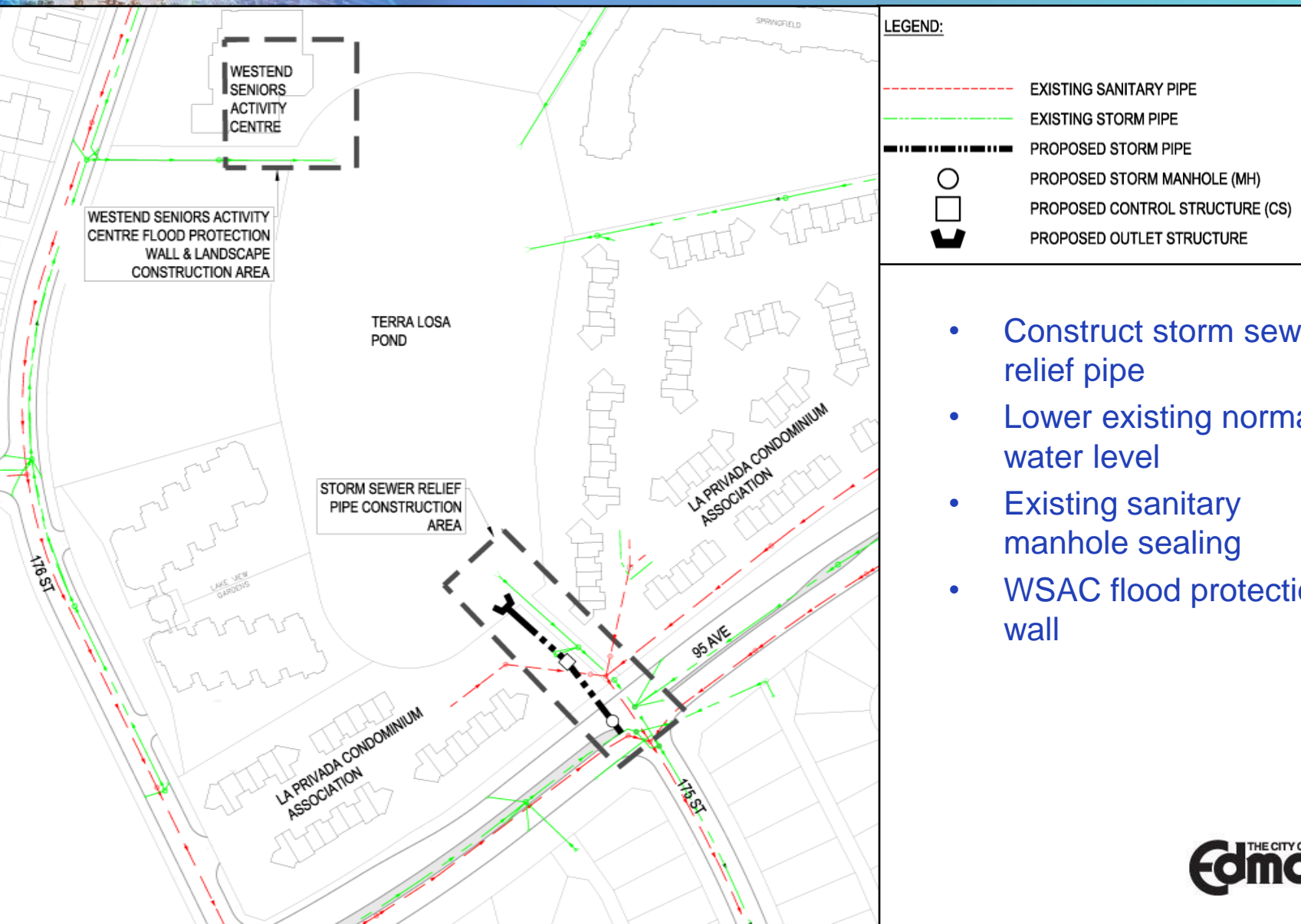
- Sanitary Sewer Backups (basement floods)
- Surface Flooding (vehicles, homes)

Limited surface drainage throughout the neighbourhood creates local flooding.

Project Goals

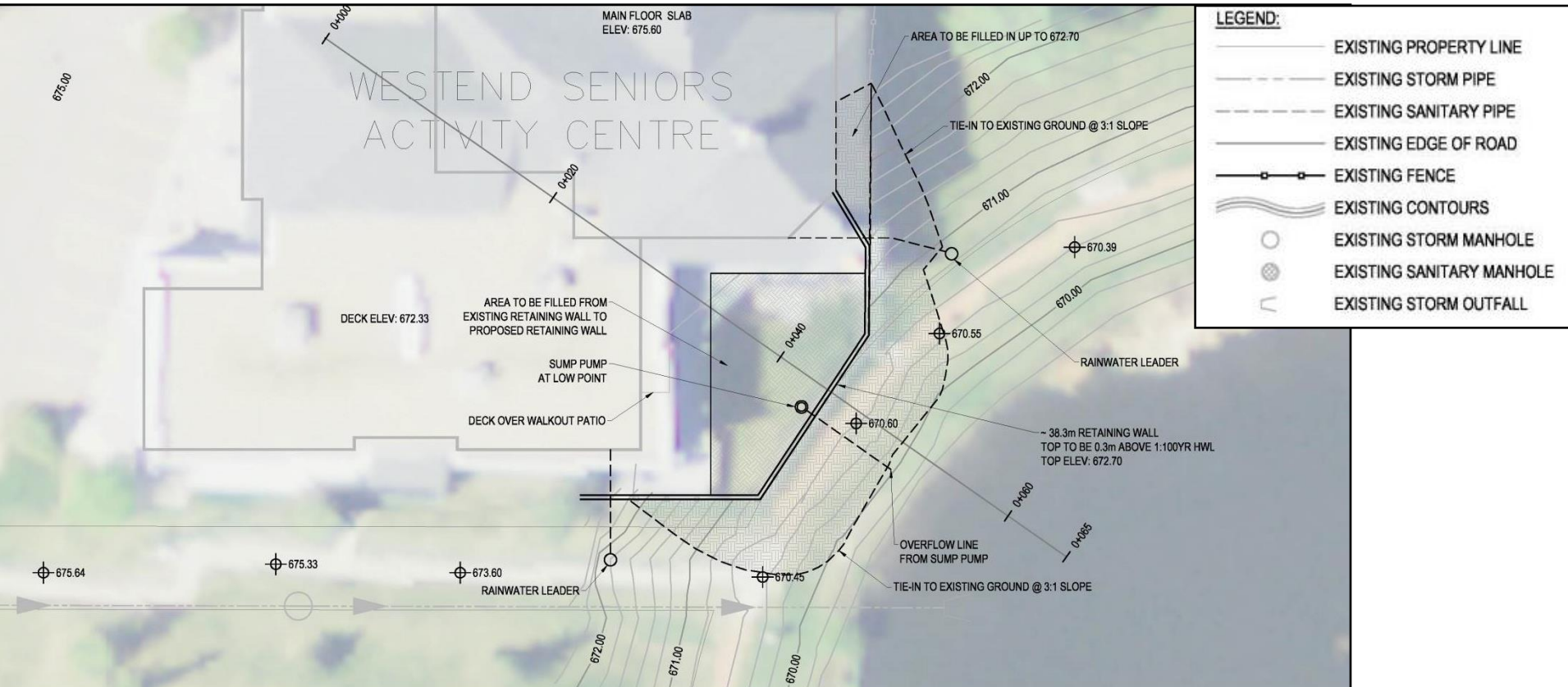
- Reduce risk of flooding in Summerlea neighbourhood
- Reduce surcharge in 95 Avenue / 175 Street trunk

Project Overview



- Construct storm sewer relief pipe
- Lower existing normal water level
- Existing sanitary manhole sealing
- WSAC flood protection wall

Flood Protection Wall - WSAC



What are the Benefits?



- Reduced surface ponding and flooding:
 - Along 95 Avenue
 - In trapped lows throughout the Summerlea neighbourhood
- Reduced likelihood of sanitary backups.
- Catchbasin capacities have been checked and determined to be sufficient.
- System has been designed to meet City standards during 1:100 year event.



Project Schedule

- **Where we are now:** End of Preliminary Design
- **Public Consultation:** March 3, 2015
- **Detailed Design Completed:** End of March 2015
- **Pre-Construction Open House:** A second open house will be held prior to the commencement of construction.
- **Construction:** Construction will commence Summer 2015 and will be complete by Spring 2016.



Thank You

Thank you for your attendance and we welcome any questions you have.

For more information please contact:

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