



Aspen Gardens, Royal Gardens and Greenfield Sanitary Sewer Upgrading Project

Public Information Session

February 18, 2015

Drainage Services
Financial Services & Utilities





Introduction

- Introduction of Project Team
- Housekeeping Items
- Presentation
- Question Period
- Information Boards
- Exit Survey



Presentation Topics

- Project Background
- Proposed Sanitary Sewer Upgrades:
 - Aspen Gardens
 - Royal Gardens
 - Greenfield
- Next Steps

Project Background

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Why are we here?

- Severe rainfall events hit south and west Edmonton in July 2004 and July 2012
- More than 4000 homes were affected across Edmonton





Why does flooding occur?

- Causes of basement flooding include sanitary backup, seepage, inadequate lot drainage and overland flooding
- Flooding Reports from July 2012 show the following causes:
 - Sanitary Backup: 43%
 - Seepage: 30%
 - Lot Drainage: 27%
- Main cause of sanitary backup is inflow and infiltration



What is being done?

- The City developed a **Flood Mitigation Program** to:
 - Find the main causes of flooding in at-risk neighbourhoods
 - Identify options for reducing the flood risk
 - Work with communities and stakeholders to implement solutions
- 18 projects complete or under construction
- 20 projects currently being designed
- 50 future planned projects (approximate)



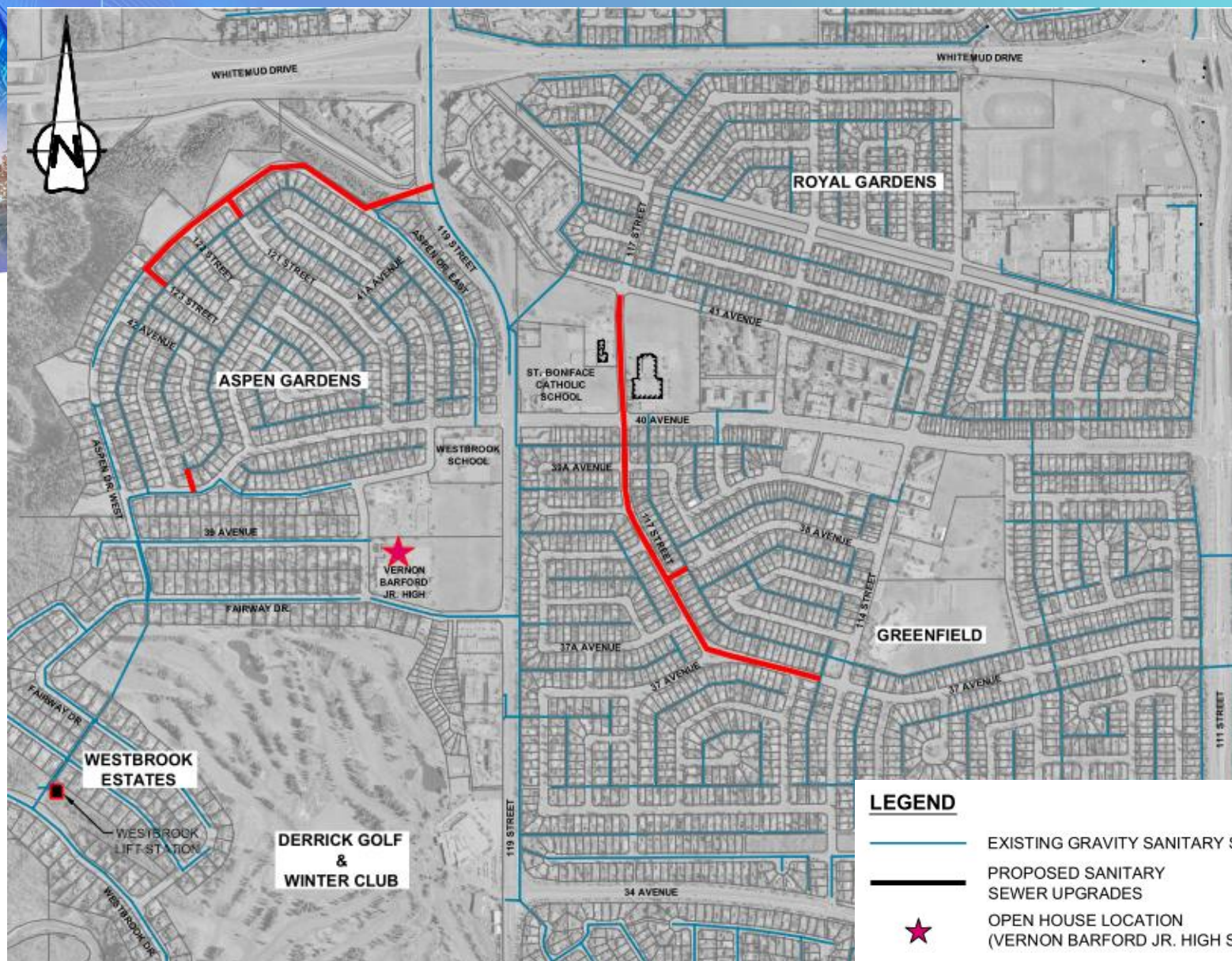
Local Solutions

Project	Status
Royal Gardens Sanitary Upgrade / Relief	Under Construction
Aspen Gardens and Greenfield West Sanitary Relief	★ Current Project
Greenfield East Sanitary Relief	Planned

Proposed Sanitary Sewer Upgrades

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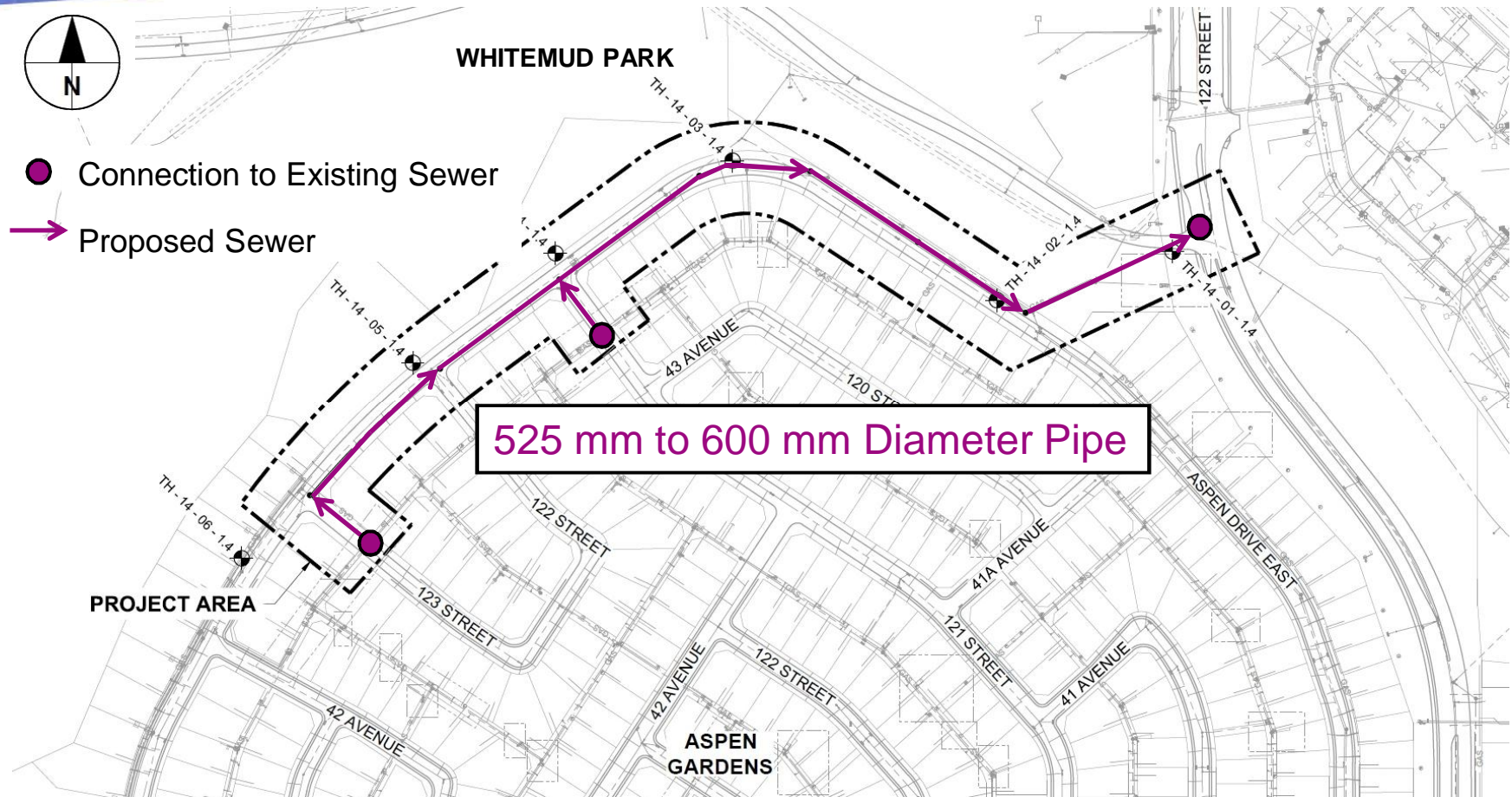




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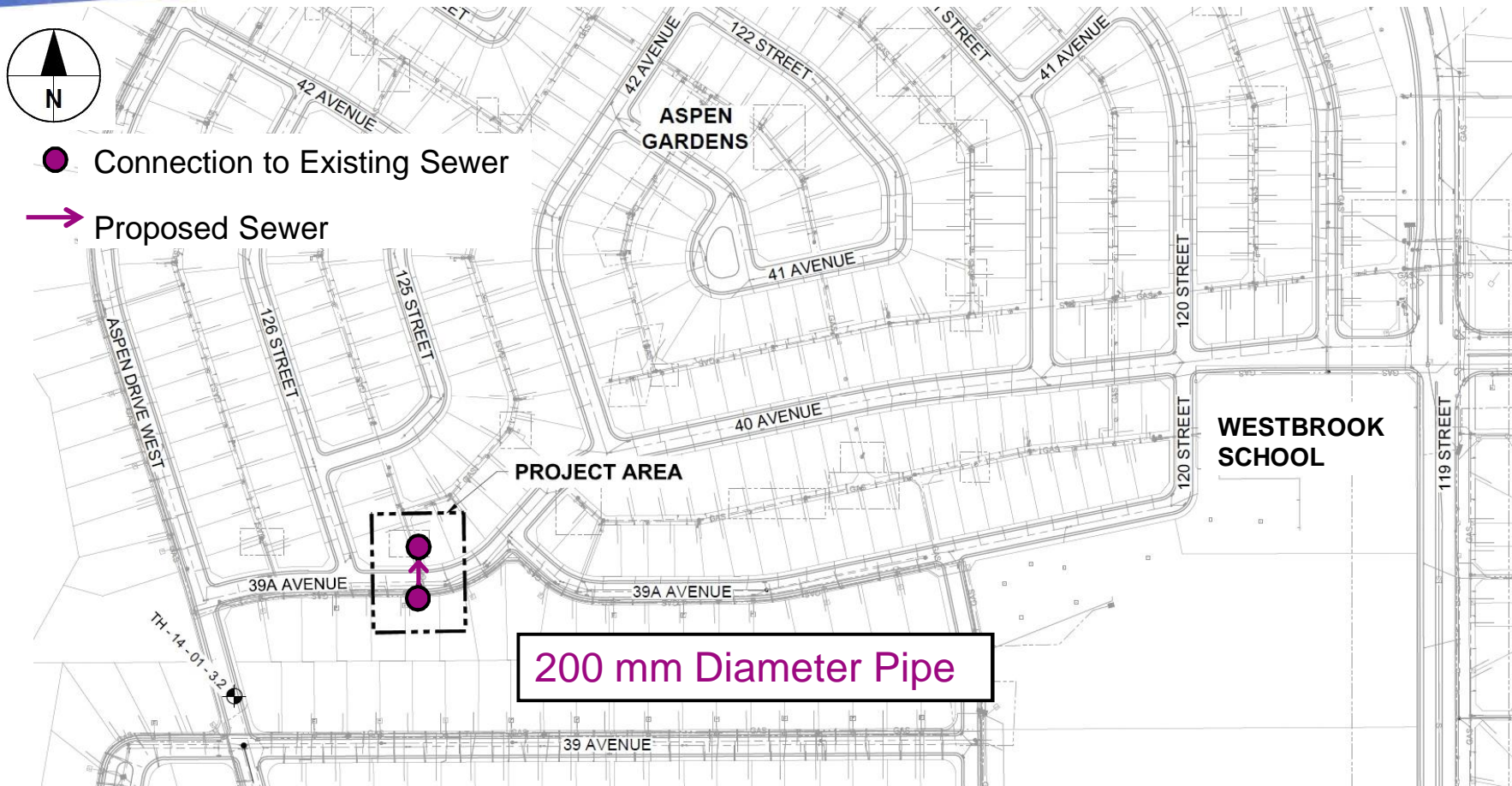
Aspen Gardens (p.1 of 2)

Proposed Sanitary Sewer Upgrades

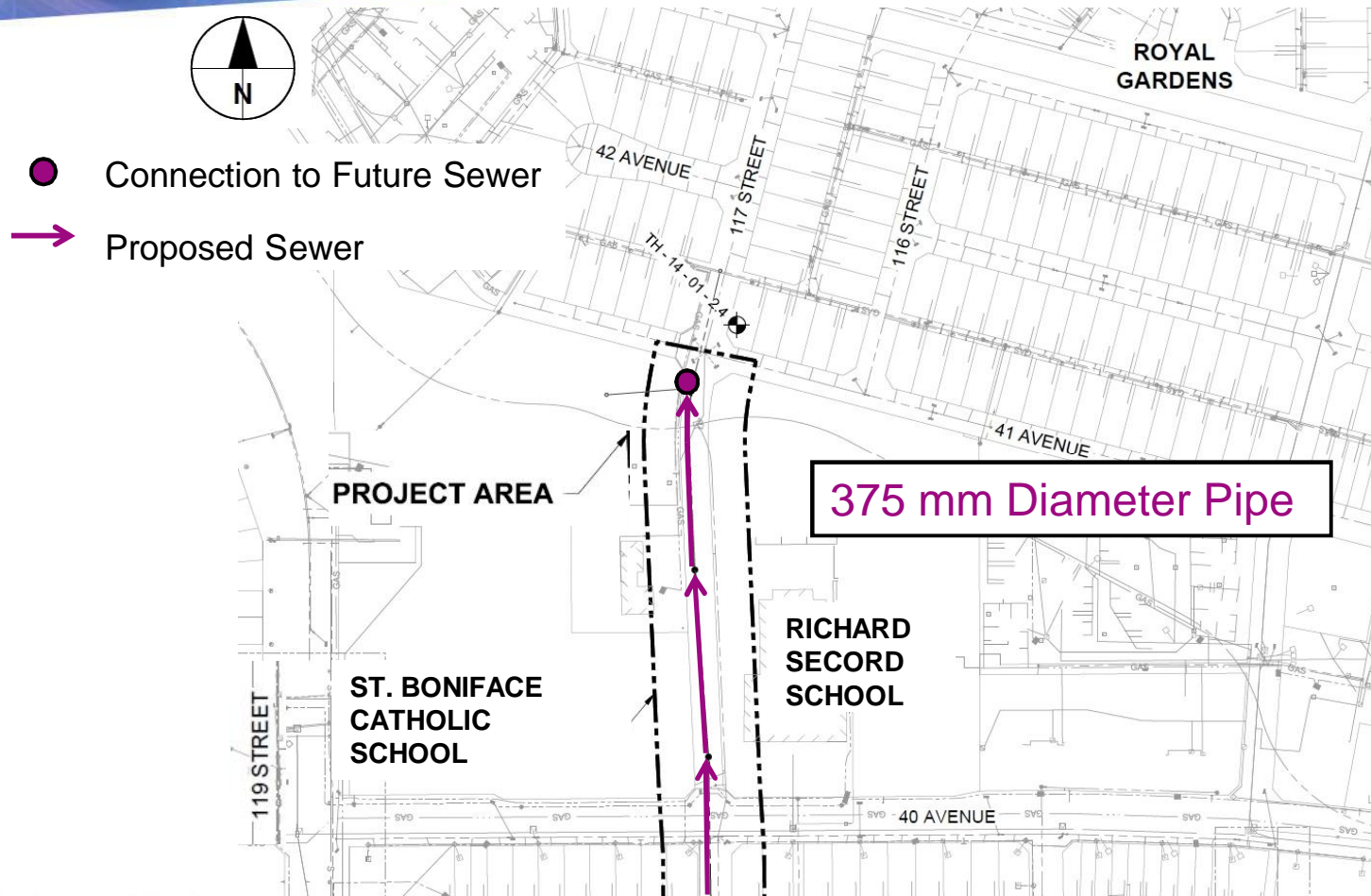


Aspen Gardens (p.2 of 2)

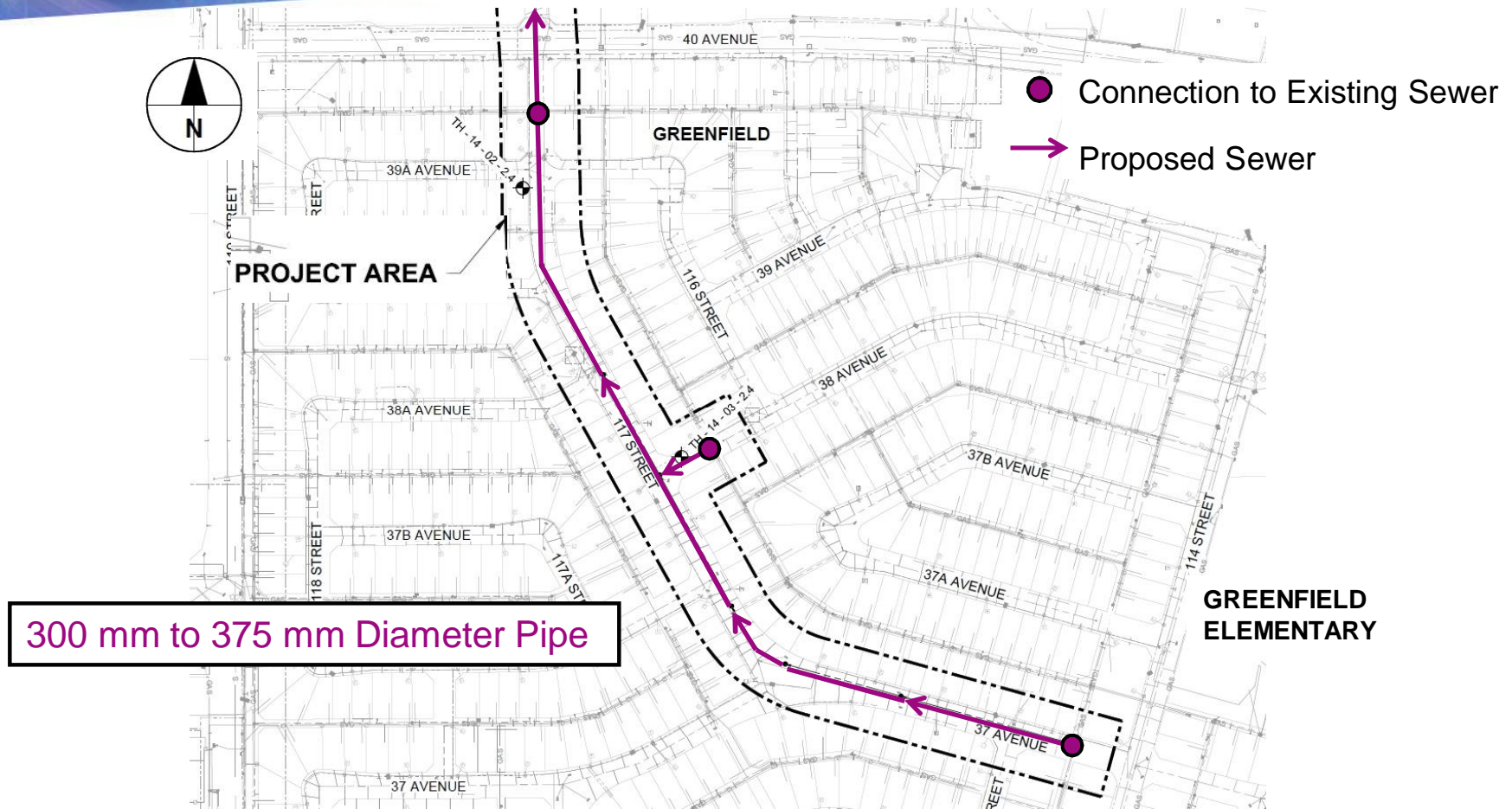
Proposed Sanitary Sewer Upgrades



Royal Gardens Proposed Sanitary Sewer Upgrades



Greenfield Proposed Sanitary Sewer Upgrades





What are the benefits?

- Reduced risk of basement flooding due to sewer backup
- Higher level of service
- Less property damage

Next Steps

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Project Schedule

- **Where are we now?**
 - Preliminary Design
- **What comes next?**
 - Pre-Construction Public Info Sessions (Spring 2015)
 - Start of Construction (Spring 2015)
 - Construction Completion (End of 2016)



Flood Proofing Program

- Flood Prevention Home Check-Up
- Backwater Valve Subsidy
- Flood Proofing Tips:
 - Check eavestroughs & downspouts
 - Check lot grading
 - Seal indoor foundation cracks
 - Check your sump pump annually



Thank you! Questions?

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