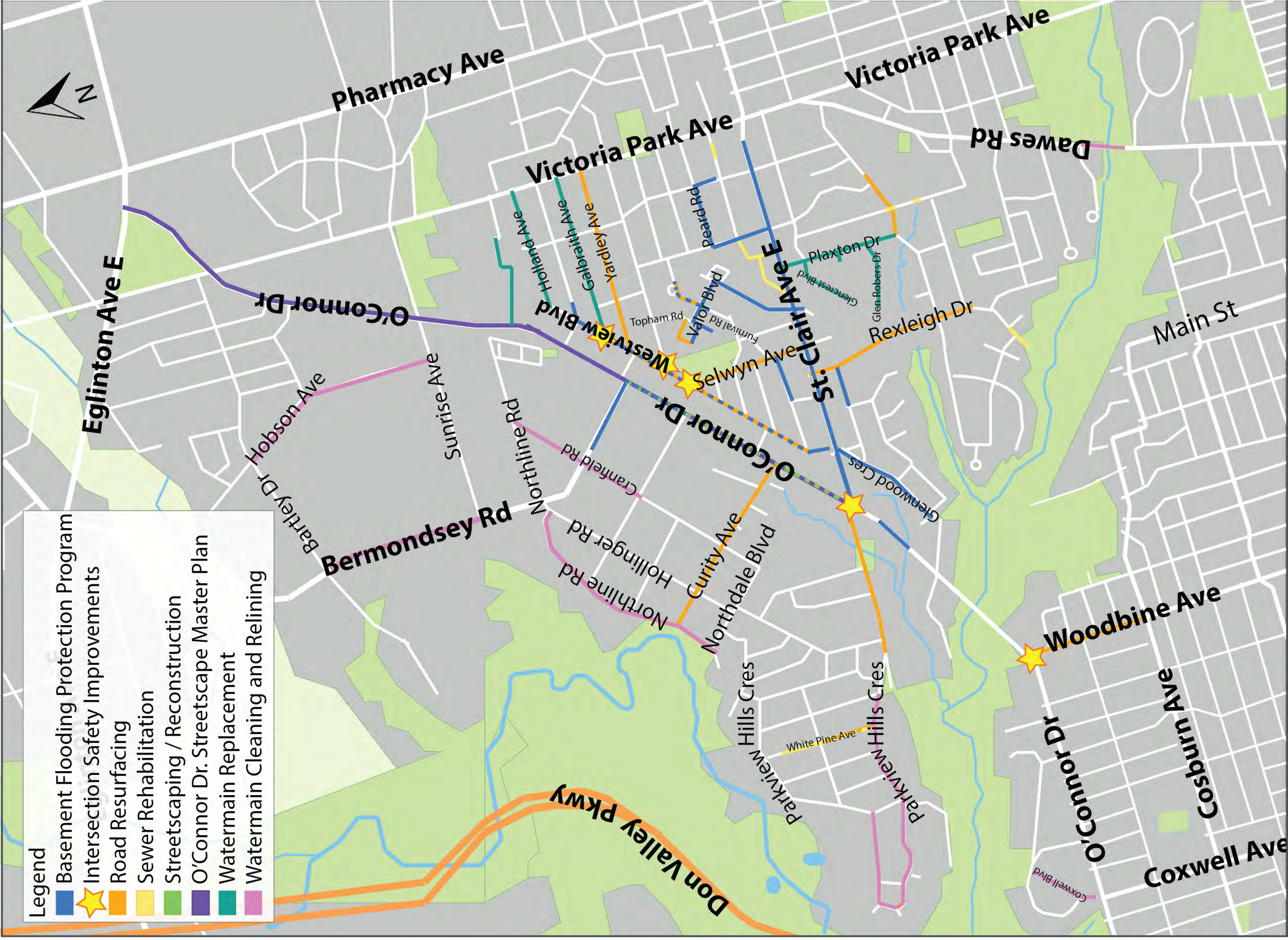


Planned City Construction in the O'Connor Drive Area

2018-2021

Public Information Event

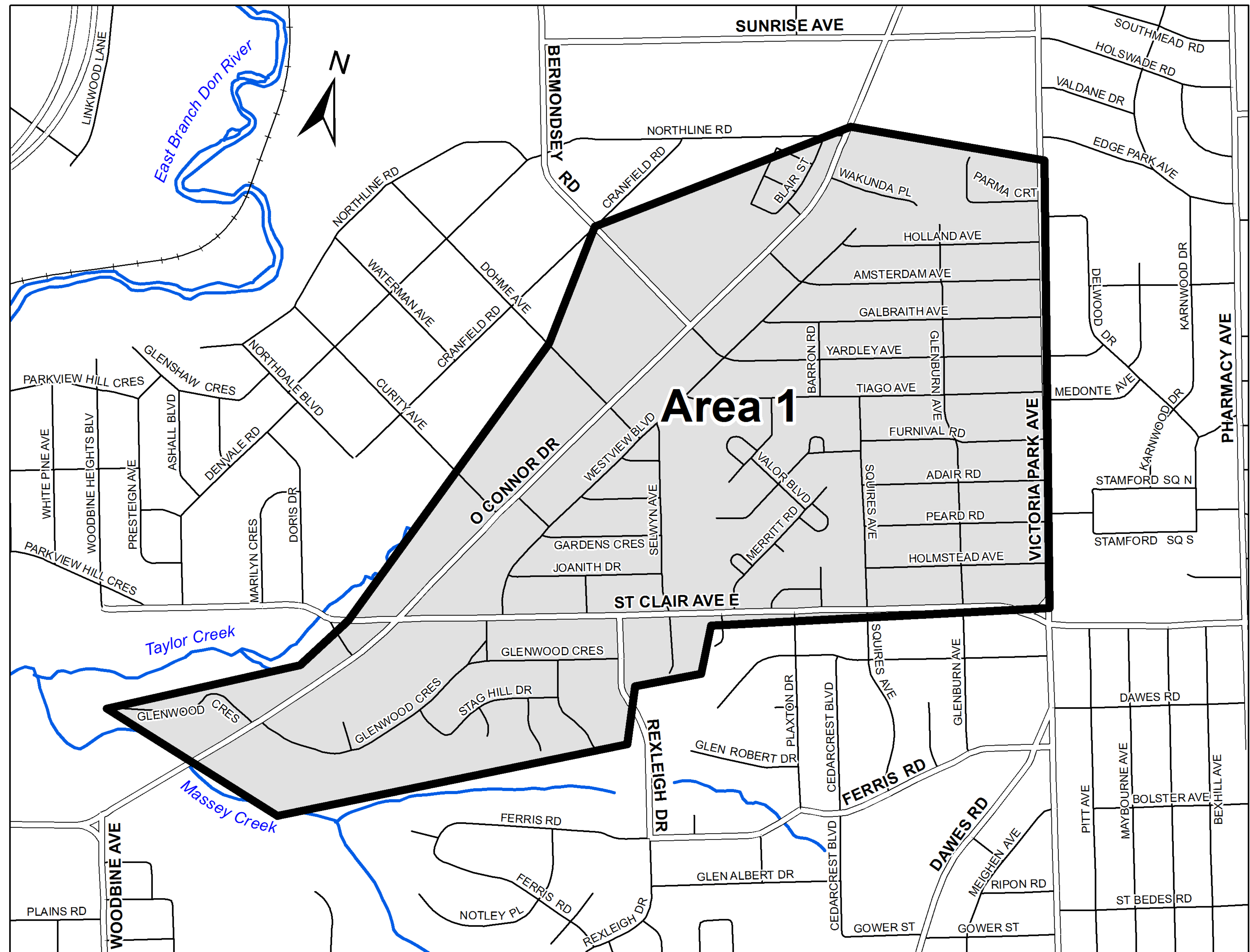
January 15, 2018
7:00 p.m. to 9:00 p.m.



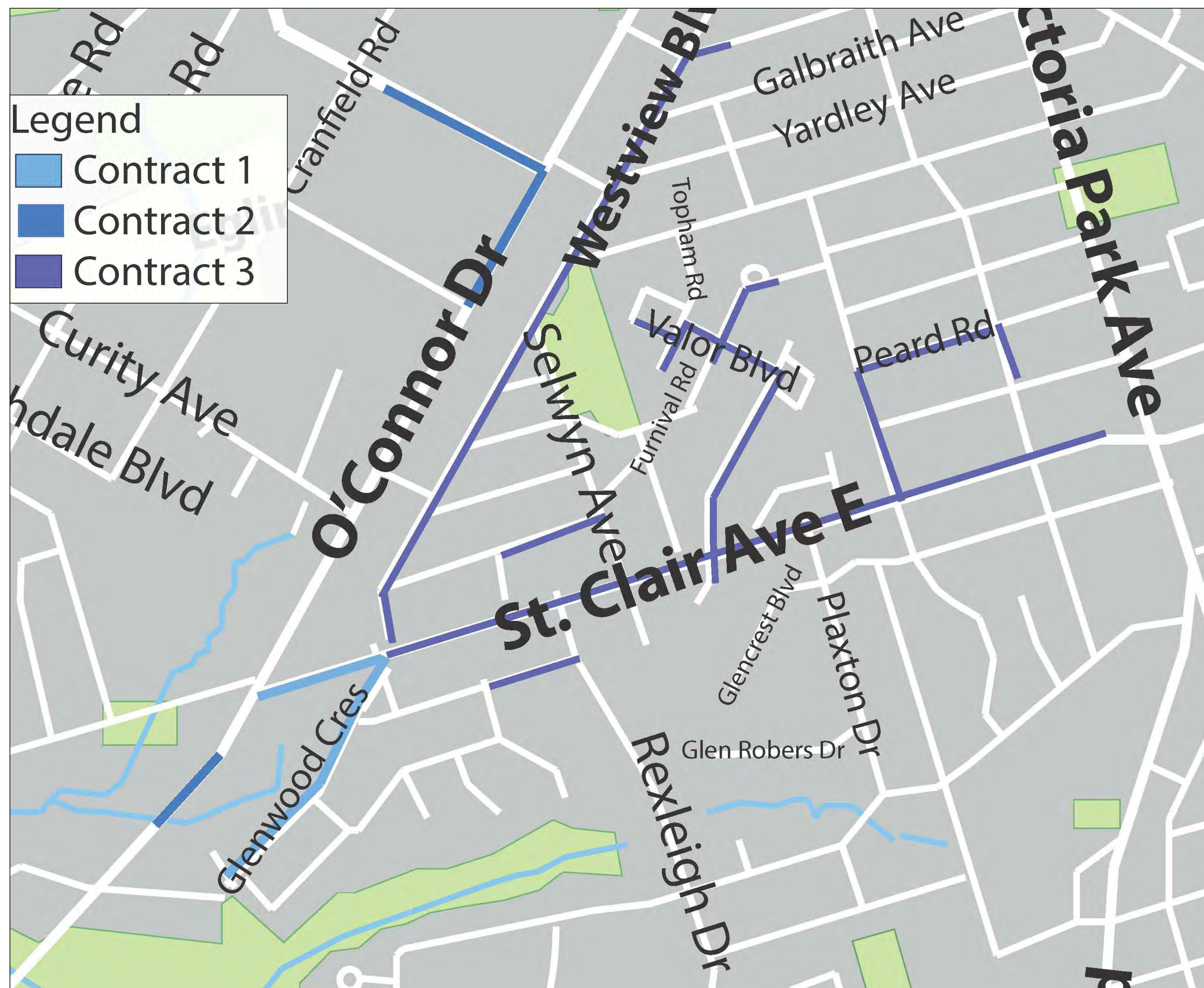
Roads, Sewers & Intersection Improvements Planned for the O'Connor Drive Area
2018-2021

Basement Flooding Protection Program

- Study was completed in 2014 and recommended upgrades to sanitary and storm sewers on several streets
- These improvements to the sewer system and overland drainage will help reduce the risk of future flooding



Basement Flooding Protection Program

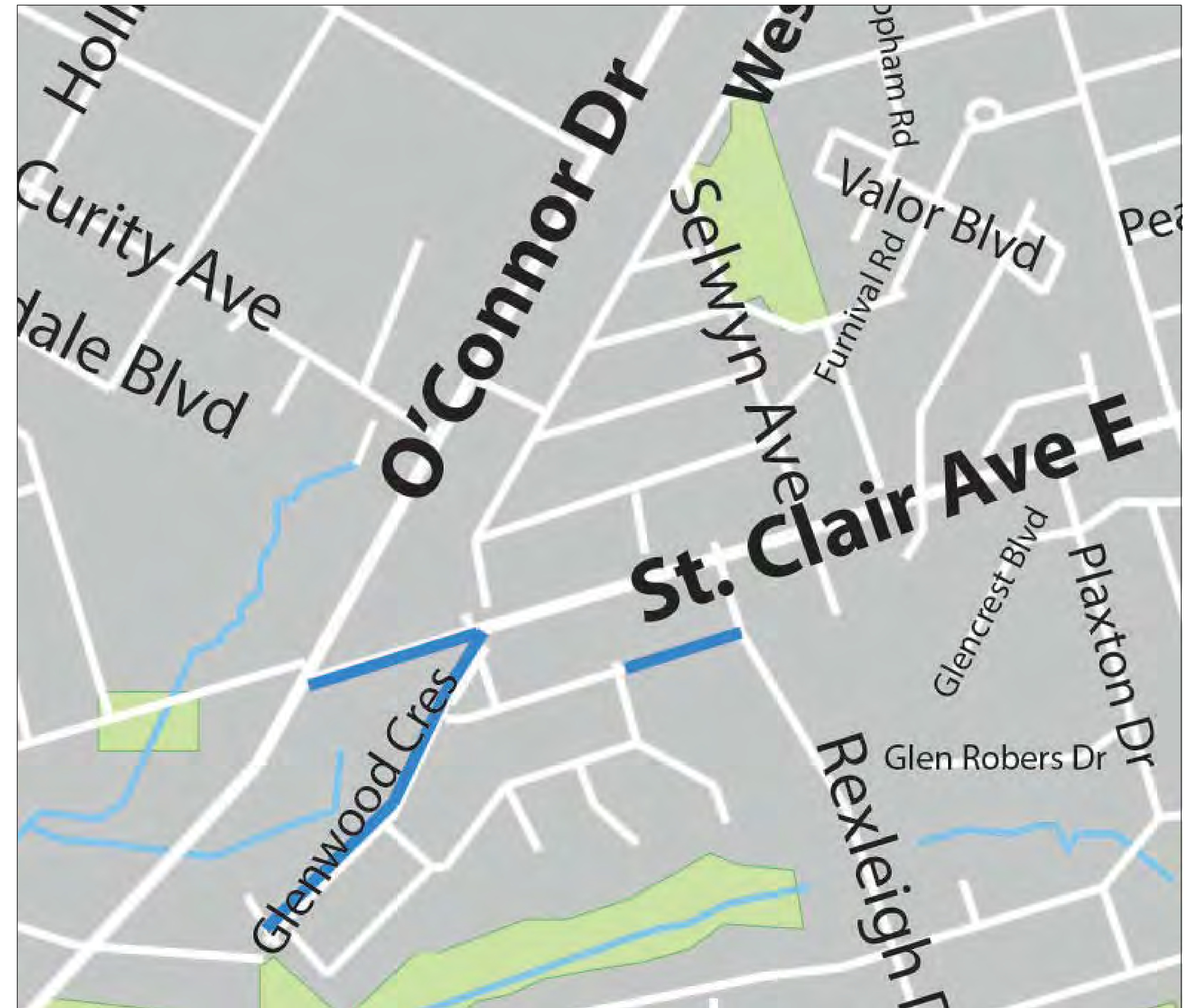


- Work will be delivered as part of three contracts from 2018 to 2021
- Start dates and construction limits will be communicated when engineering designs are finalized and each contract is tendered
- Timing for each project will be coordinated with other works happening in the area

Basement Flooding Protection Program

Contract 1

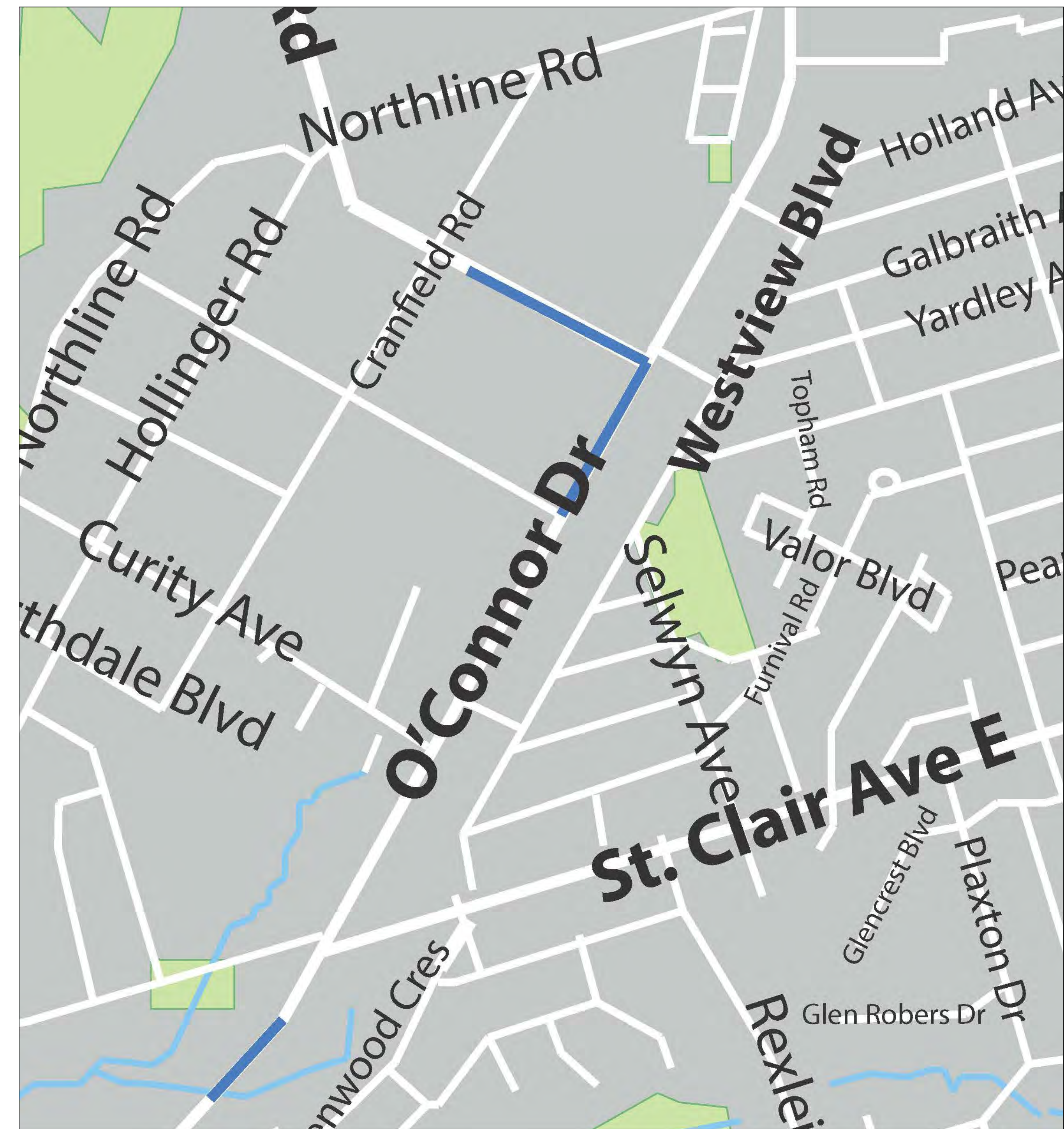
- **Contract 1 will involve replacing storm sewers on Glenwood Crescent & sanitary sewers on St. Clair Avenue East (O'Connor Drive to St. Columba Place)**
- These works form the downstream end of the sewer system and need to be constructed first
- They will provide benefit to all properties east of O'Connor Drive



Basement Flooding Protection Program

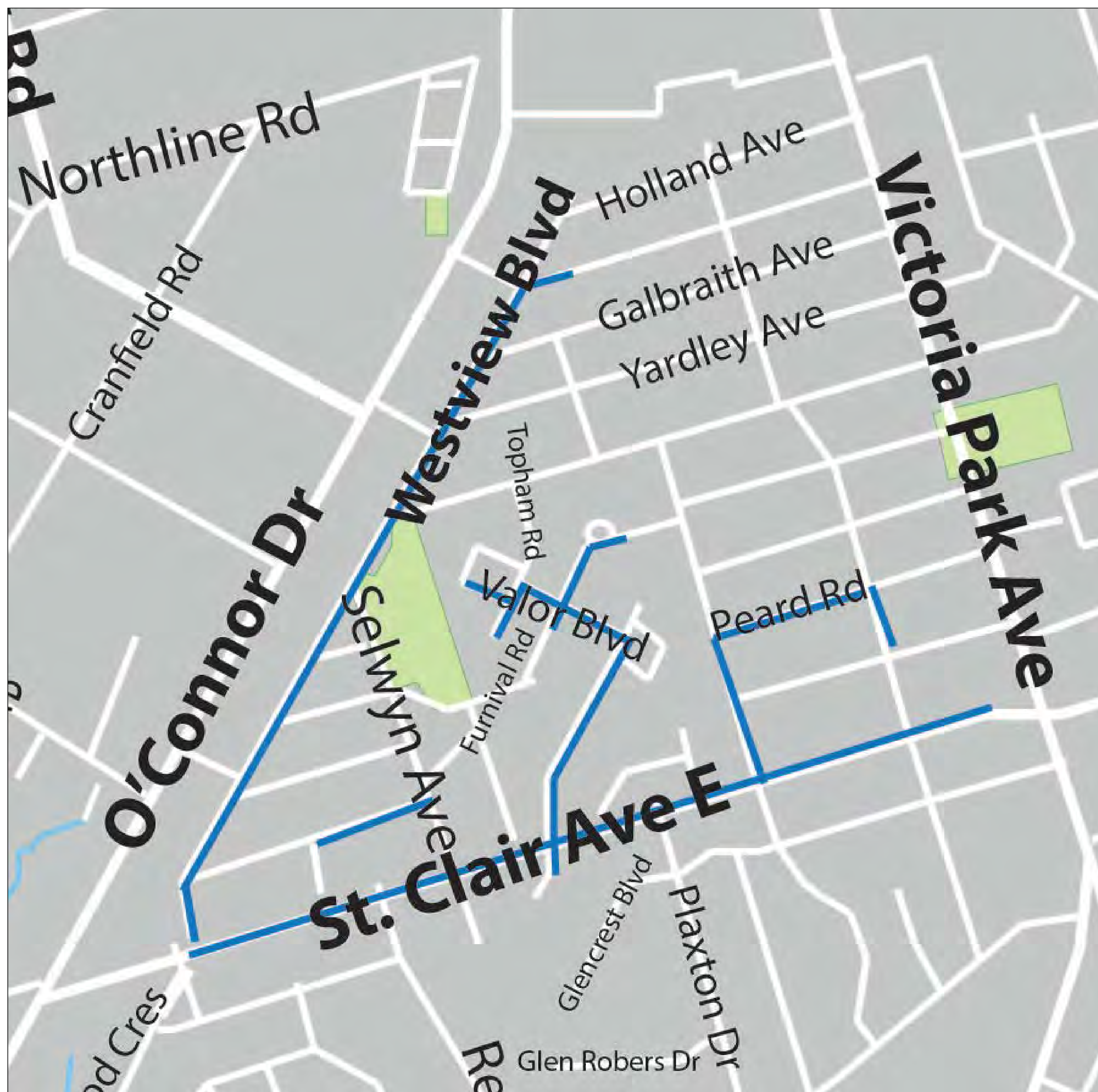
Contract 2

- **Contract 2 will involve replacing storm sewers on O'Connor Drive and Bermondsey Road**
- These works will benefit the properties located along O'Connor Drive and Bermondsey Road
- Work to be combined with reconstruction of O'Connor Drive and streetscape & intersection improvements
- Timing for construction of the works will avoid road closure conflicts and improve coordination with the ongoing Streetscape Master Plan



Basement Flooding Protection Program

Contract 3



Contract 3 will involve replacing storm and sanitary sewers on:

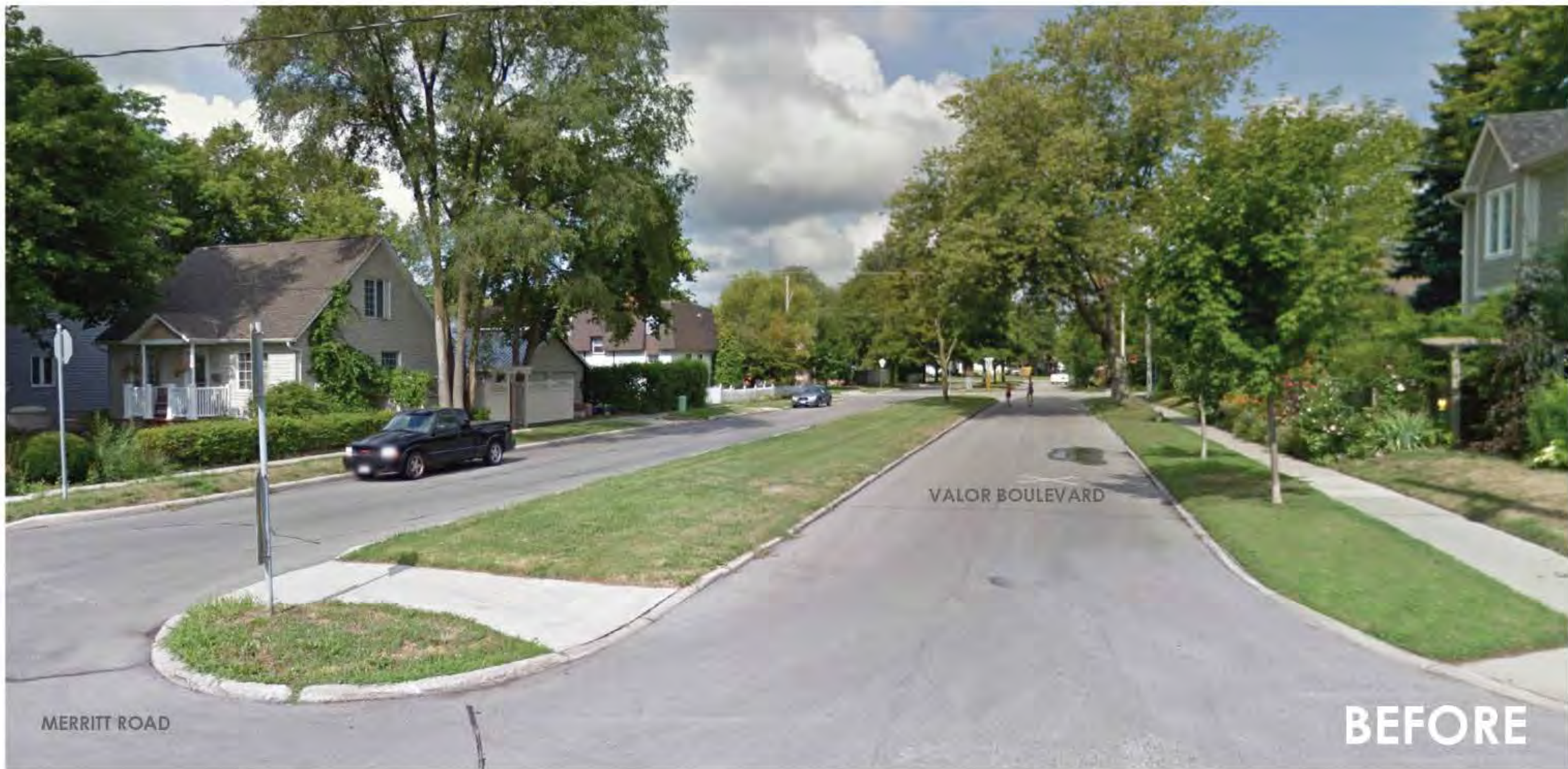
- **Furnival Road**
- **Peard Road**
- **Joanith Drive**
- **Merritt Road**
- **Valor Blvd**
- **Westview Blvd**
- **St. Clair Ave E**
- **Topham Road**
- **Squires Ave**
- Will also feature the installation of a rain garden on Valor Boulevard
- Work will be bundled together with intersection improvements along Westview Boulevard

Rain Garden on Valor Boulevard

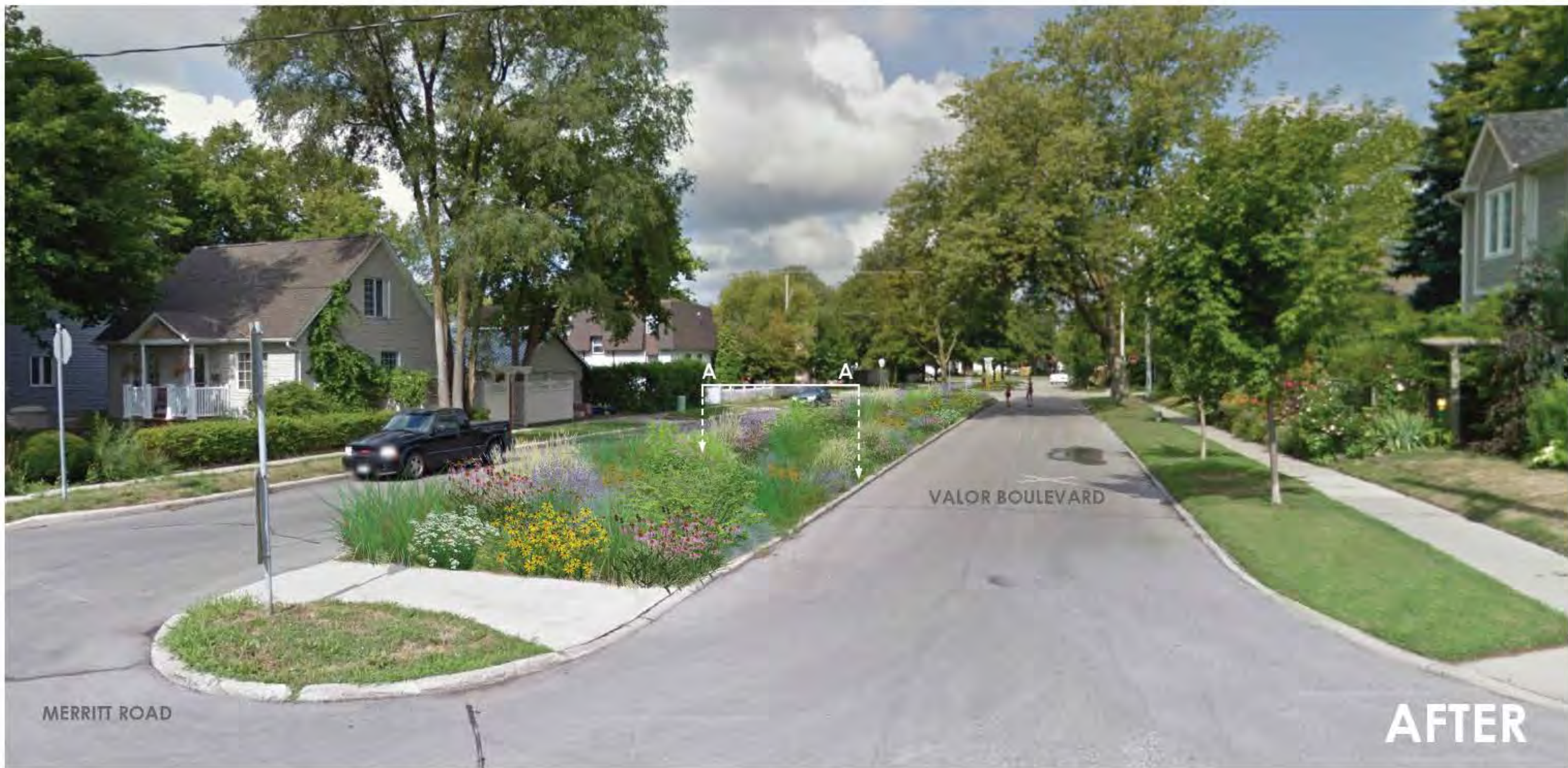
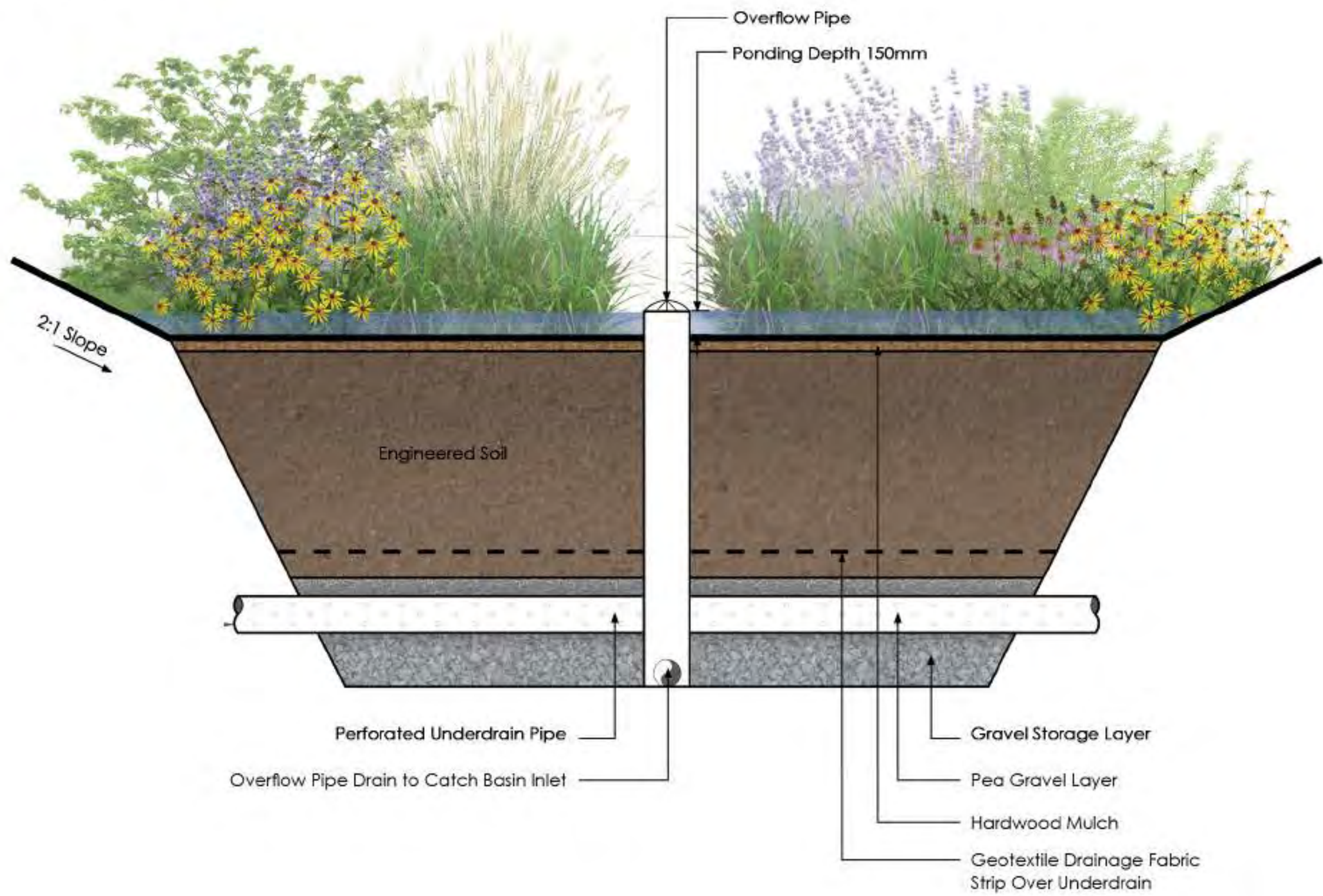
- Rain gardens help capture and filter stormwater runoff from the road surface and are a part of the City's Green Streets approach
- The garden will be added to the median on Valor Boulevard
- It will feature several species of grasses and flowering plants which are selected based on their suitability with local planting conditions
- Local gardeners are welcome to provide feedback on the planting plan



VALOR BOULEVARD BIORETENTION AREA



SECTION A-A'



CONCEPTUAL PLANTING



Common Yarrow
Achillea millefolium
ssp. *Lanulosa*



Butterfly Milkweed
Asclepias tuberosa



Karl Foerster Reed Grass
Calamagrostis acutiflora
'Karl Foerster'



Lanceleaf coreopsis
Coreopsis lanceolata



Tufted Hairgrass
Deschampsia cespitosa



Purple Coneflower
Echinacea purpurea



Mini Stella de Oro Daylily
Hemerocallis 'Stella de Oro'



Black Eyed Susan
Rudbeckia hirta



Little Bluestem
Schizachyrium scoparium



Silver Speedwell
Veronica incana

Intersection Safety Improvements

Intersection Safety Improvements are planned for the following intersections:

- Woodbine Ave & O'Connor Dr (2018)
- St Clair Ave E & O'Connor Dr (2019)
- Westview Blvd & Selwyn Ave (2020)
- Westview Blvd & Tiago Ave (2020)
- Westview Blvd & Galbraith Ave (2020)

Intersection Safety Improvements will not reduce intersection capacity or restrict turn movements.

Intersection Safety Improvements

Intersection Safety Improvements are part of the City's Vision Zero Road Safety Plan which aims to eliminate collisions that result in death and serious injury. Projects may include the following:

- Reducing intersection corner radii
- Removal of right turn channels
- Updating signal timing
- Addition of Accessible Pedestrian Signals (APS) at intersections
- Realignment of intersections
- Lane width and lane configuration adjustments
- Streetscaping or enhancements to public realm at intersections



Intersection Safety Improvements

Intersection safety improvements provide a number of benefits, including:

- Reduced crossing distances for pedestrians
- Improved sight lines for motorists and pedestrians
- Reduced vehicle speeds
- Increased sidewalk widths and pedestrian waiting areas at corners
- Increased space for better placement of transit stops and furnishings
- Opportunities to improve the surrounding public space
- Opportunities to incorporate or improve cycling infrastructure
- Improved accessibility and user experience for all pedestrians

Woodbine Avenue & O'Connor Drive Intersection Reconstruction

Work Involves:

- Replacing the eastbound right-turn channel with a right-turn lane
- Re-aligning the intersection closer to 90°
- Relocating the telecom tower
- Installing Accessible Pedestrian Signals
- Improving the public realm (wider sidewalks, tree planting, bicycle parking, and seating)
- Adding an elevated westbound left turn bike box
- Improving the TTC bus stop location, size and furnishings
- Reducing corner radii

2017/2018 WINTER

•Bell Utility Relocation

2018 SPRING

•Intersection Work

•3-4 weeks

St. Clair Avenue & O'Connor Drive Intersection Reconstruction

Work involves:

- Replacing the eastbound right-turn channel with a right-turn lane
- Installing Accessible Pedestrian Signals
- Adding a westbound left turn bike box at north-east corner for future cycling connections
- Improving the public space in coordination with the O'Connor streetscape work
- Reducing corner radii

2019

- **Work to be bundled with basement flooding work on O'Connor and streetscape improvements**

Westview Boulevard Intersection Reconstructions

Work involves:

- Reducing the corner radii
- Re-aligning the intersections closer to 90°
- Improving sidewalk connections and potential landscape enhancements
- Work to be bundled with Basement Flooding Contract 3

2020

**Intersections of
Westview Blvd and:**

- Sewlyn Ave
- Tiago Ave
- Galbraith Ave

Paving Local Streets

- Several streets will be repaved and sections of damaged curbs/sidewalks repaired to bring them to a state of good repair
- Each project expected to take 2-3 weeks to complete
- Work on Topham Rd and Furnival Rd to be bundled with Basement Flooding Contract 3



SUMMER 2019

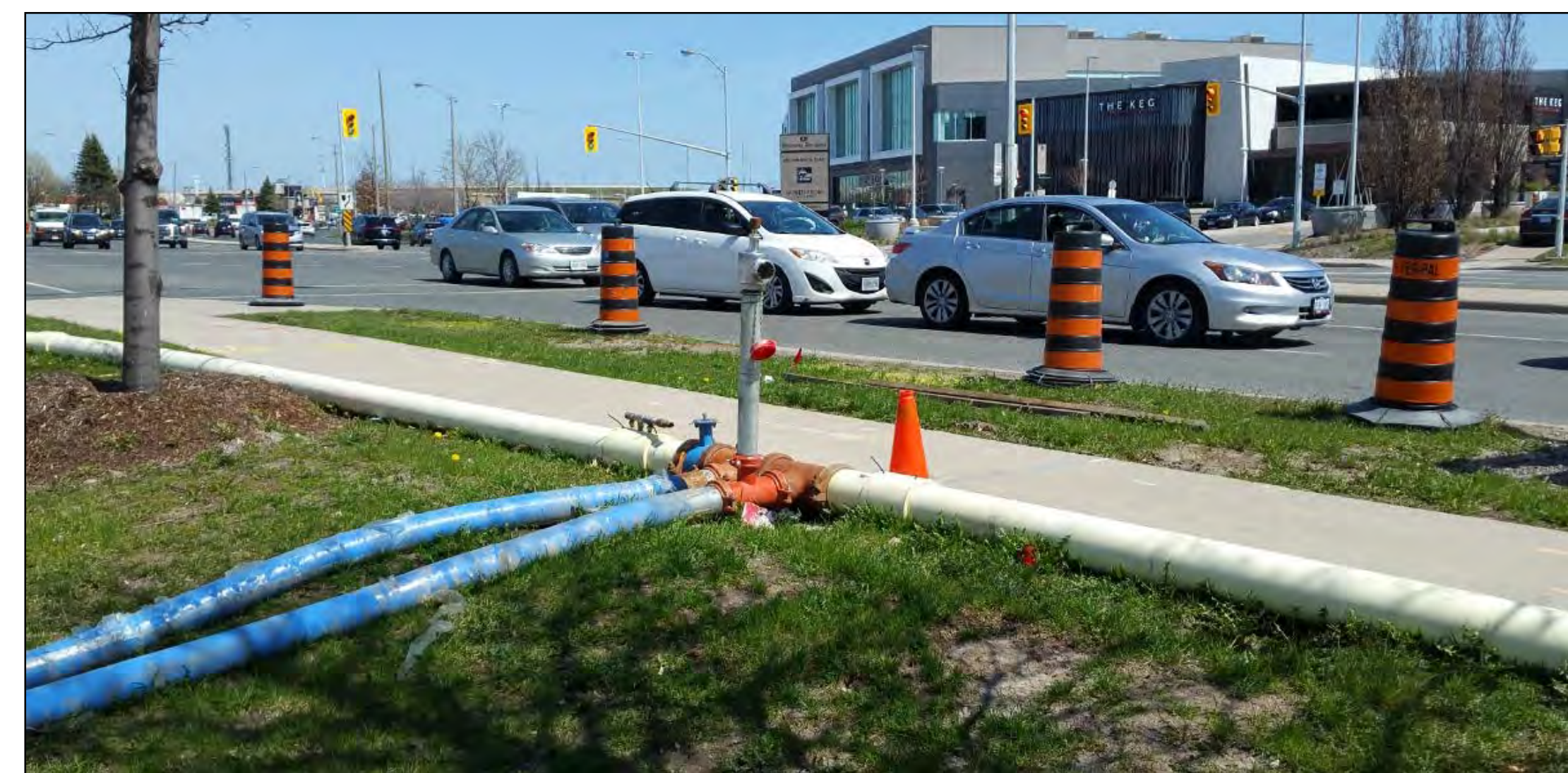
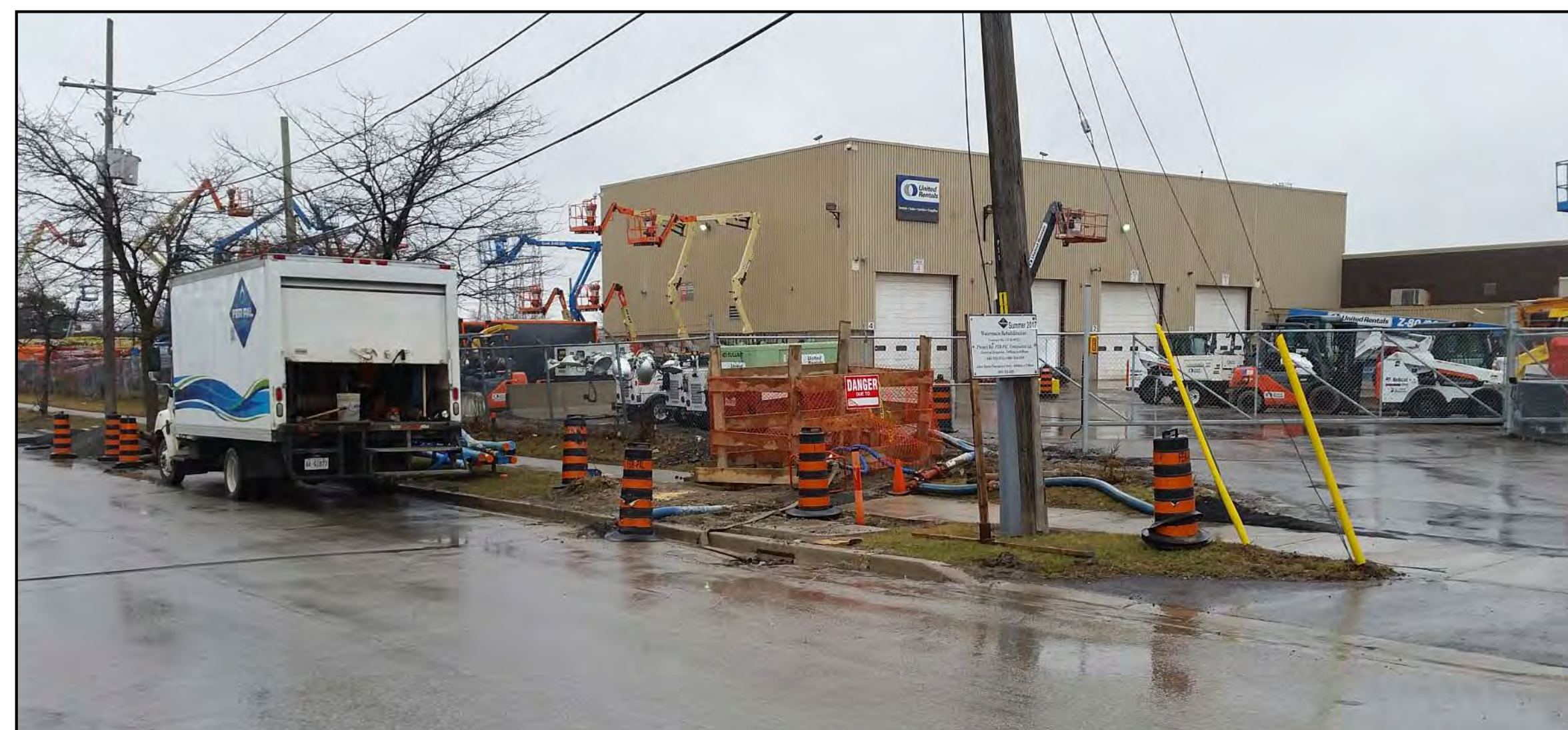
- **Rexleigh Dr**
- **Parkview Hills Cres**
- **White Pine Ave**
- **Yardley Ave**
- **Selwyn Avenue**

2019 - 2021

- **Topham Rd**
- **Furnival Rd**
- **Curity Ave**
- **Ferris Rd**

Bermondsey Road Watermain Cleaning & Relining

- In 2018, existing watermains will be cleaned and re-lined and the City-owned portion of substandard water services replaced on:
 - Bermondsey Rd from Bartley Dr to Sunrise Ave
 - Hobson Ave from Bartley Dr to Sunrise Ave
 - Northline Rd from Northdale Blvd to Hollinger Rd
 - Cranfield Rd from Northline Road to Dohme Ave



Bermondsey Road Watermain Cleaning & Relining

Work Involves:

- Excavating pits in the road to access the watermain
- Installing temporary water supply to all buildings
- Cleaning and re-lining existing watermain
- Replacing any City-owned water service pipes that do not meet City standards (from the watermain to the private property line)
- Removing temporary water supply and restoring work areas with asphalt, concrete or grass

2018 APR-DEC

•Cleaning & Relining

Watermain & Sewer Rehabilitation/Replacement

- Existing sewer pipes and watermains will be rehabilitated to extend their life or replaced to improve system performance
- **Sewer rehabilitation** will include sewer cleaning, sewer lining and/or manhole cleaning
- **Watermain replacement** will include construction of a new watermain in a trench and transferring water services to the new watermain (the old watermain will be abandoned). The City owned portion of substandard water services connections will also be replaced.

Watermain & Sewer Rehabilitation/Replacement

Sewer Rehabilitation

2018

- Warvet Cres
- Cedarcrest Blvd
- Holmstead Ave
- Taylor Creek Trail



Watermain Replacement

2019

- Glencrest Blvd
- Galbraith Ave

2020

- Plaxton Cres
- Glen Robers Dr
- Holland Ave