

Town of Erin

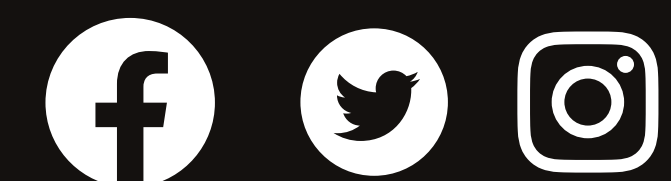
Erin Wastewater System Overview

County of Wellington Roads Committee

Nick Colucci, P.Eng.
Director of Infrastructure and
Engineering Services



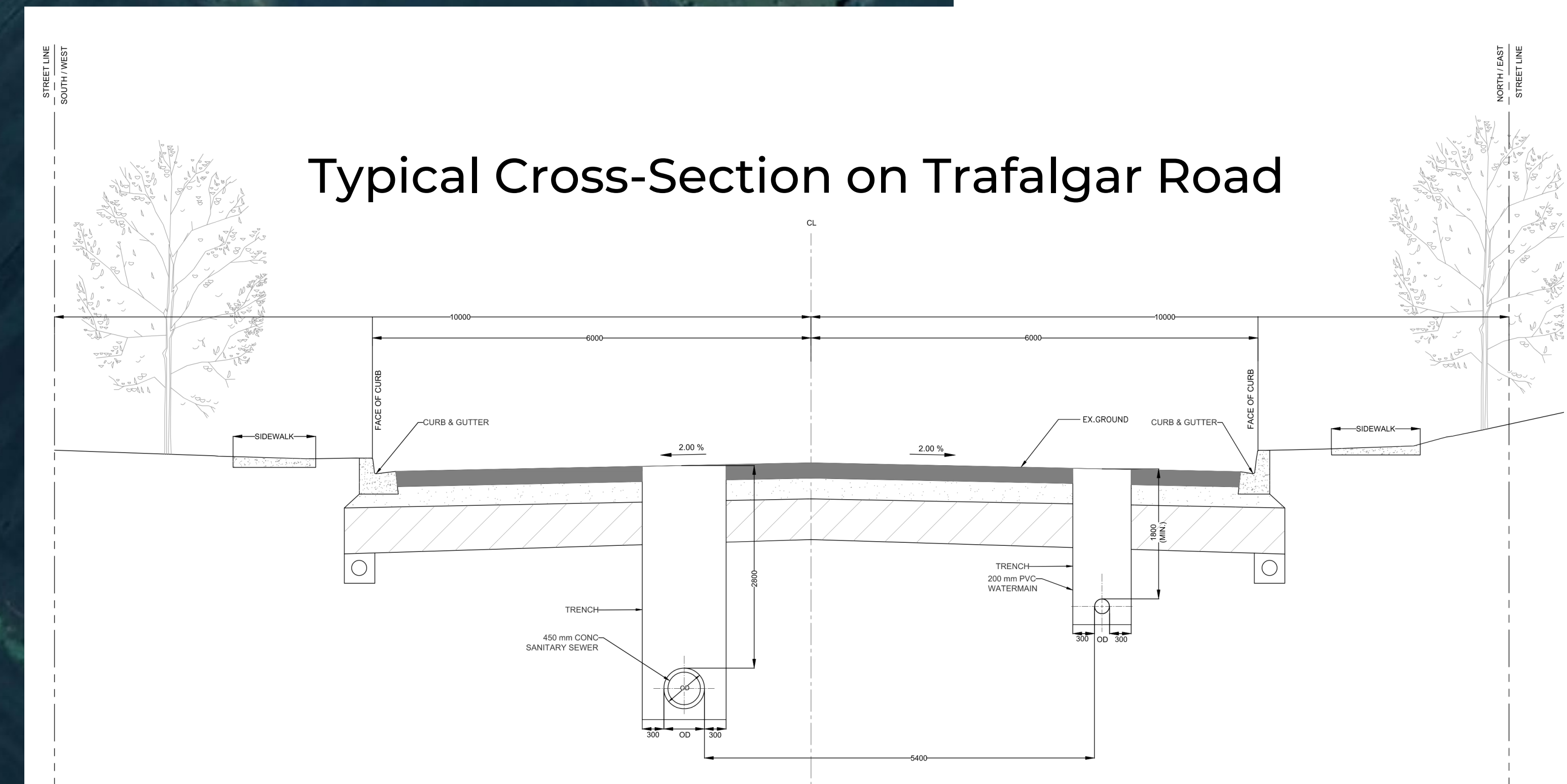
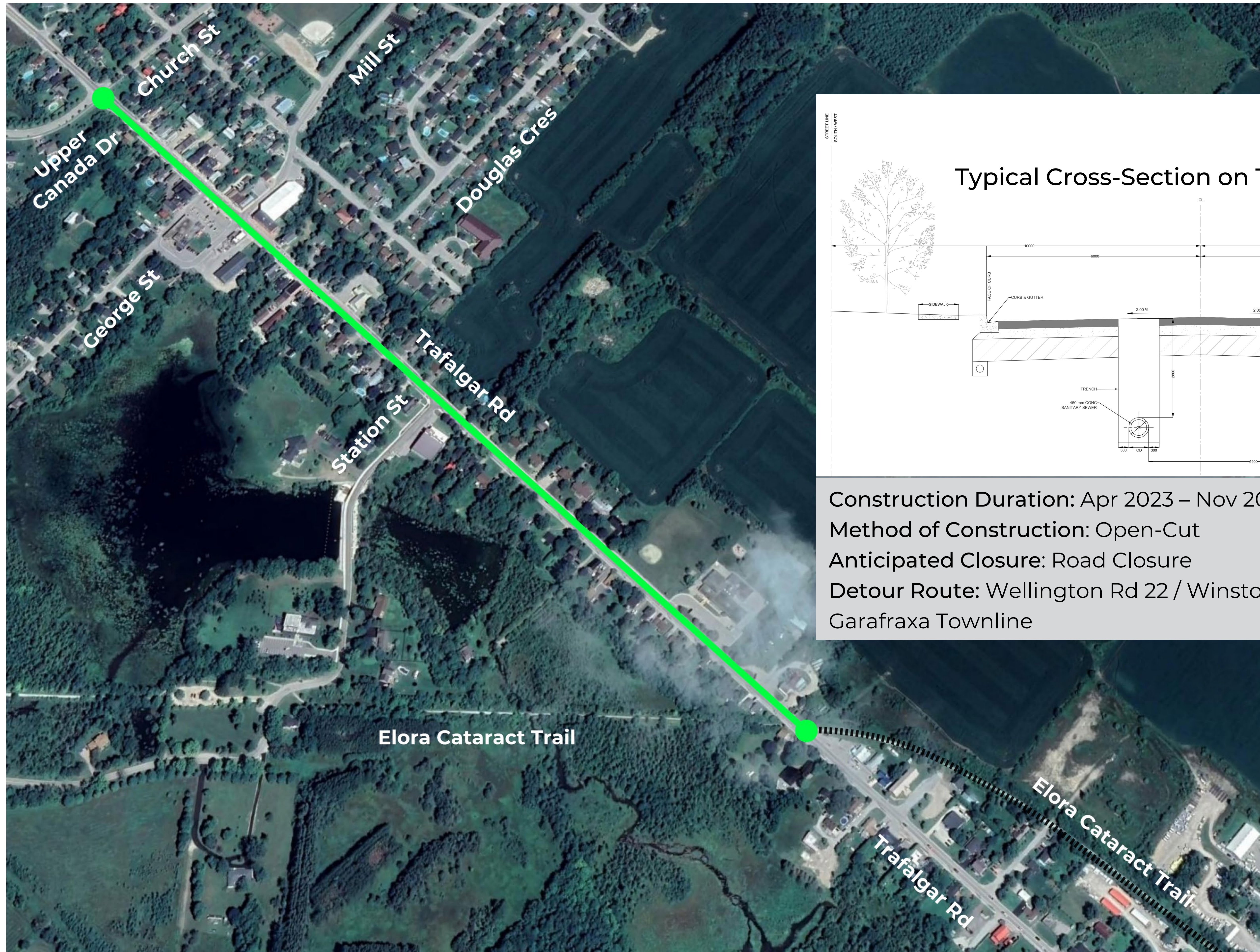
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Erin Wastewater System Plan Overview



Hillsburgh Gravity Sewer



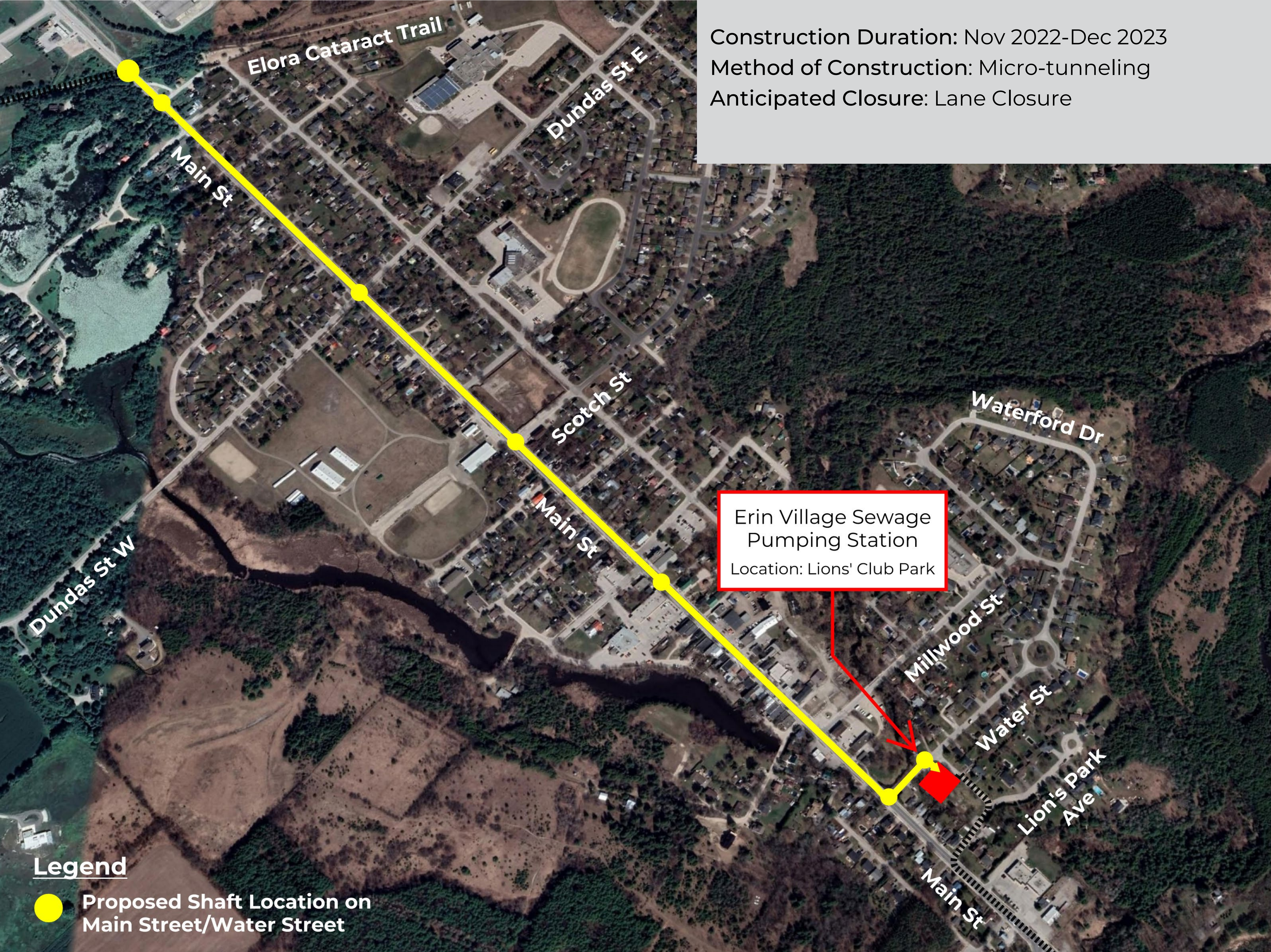
Construction Duration: Apr 2023 – Nov 2023

Method of Construction: Open-Cut

Anticipated Closure: Road Closure

Detour Route: Wellington Rd 22 / Winston Churchill Blvd / Erin Garafraxa Townline

Erin Village Gravity Sewer



Trenchless Pipe Installation

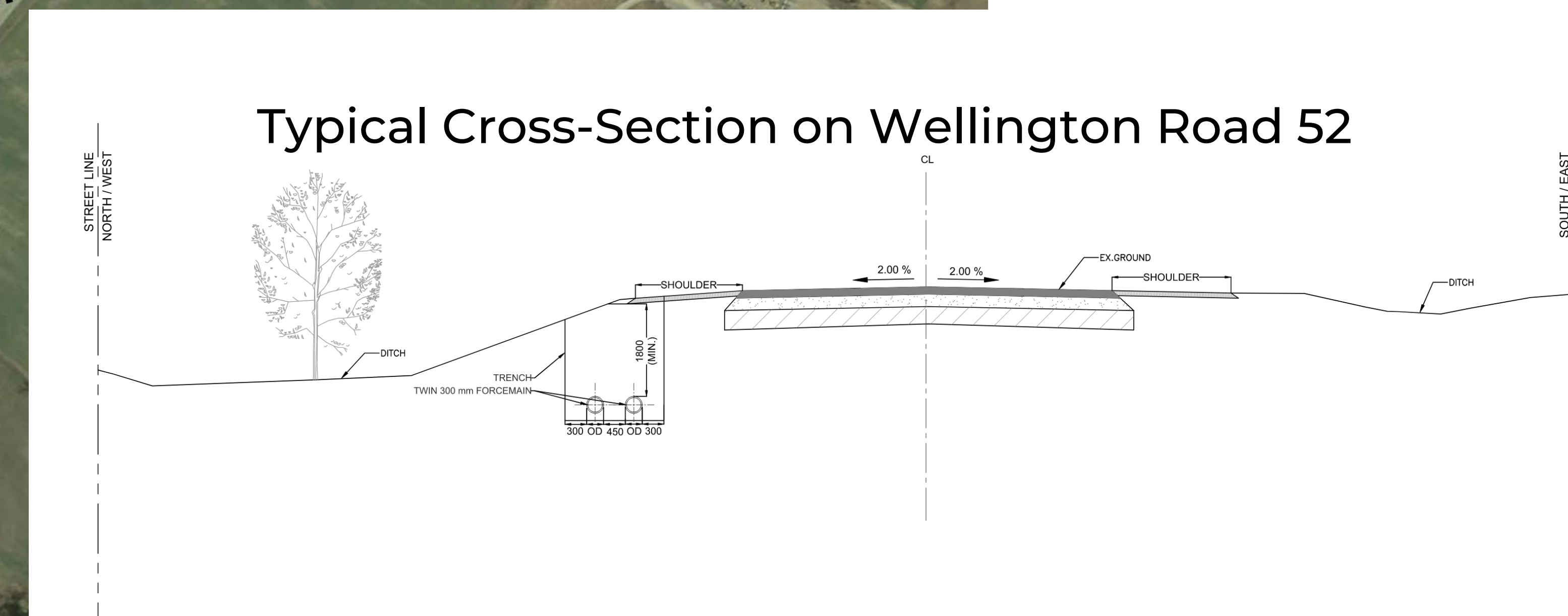
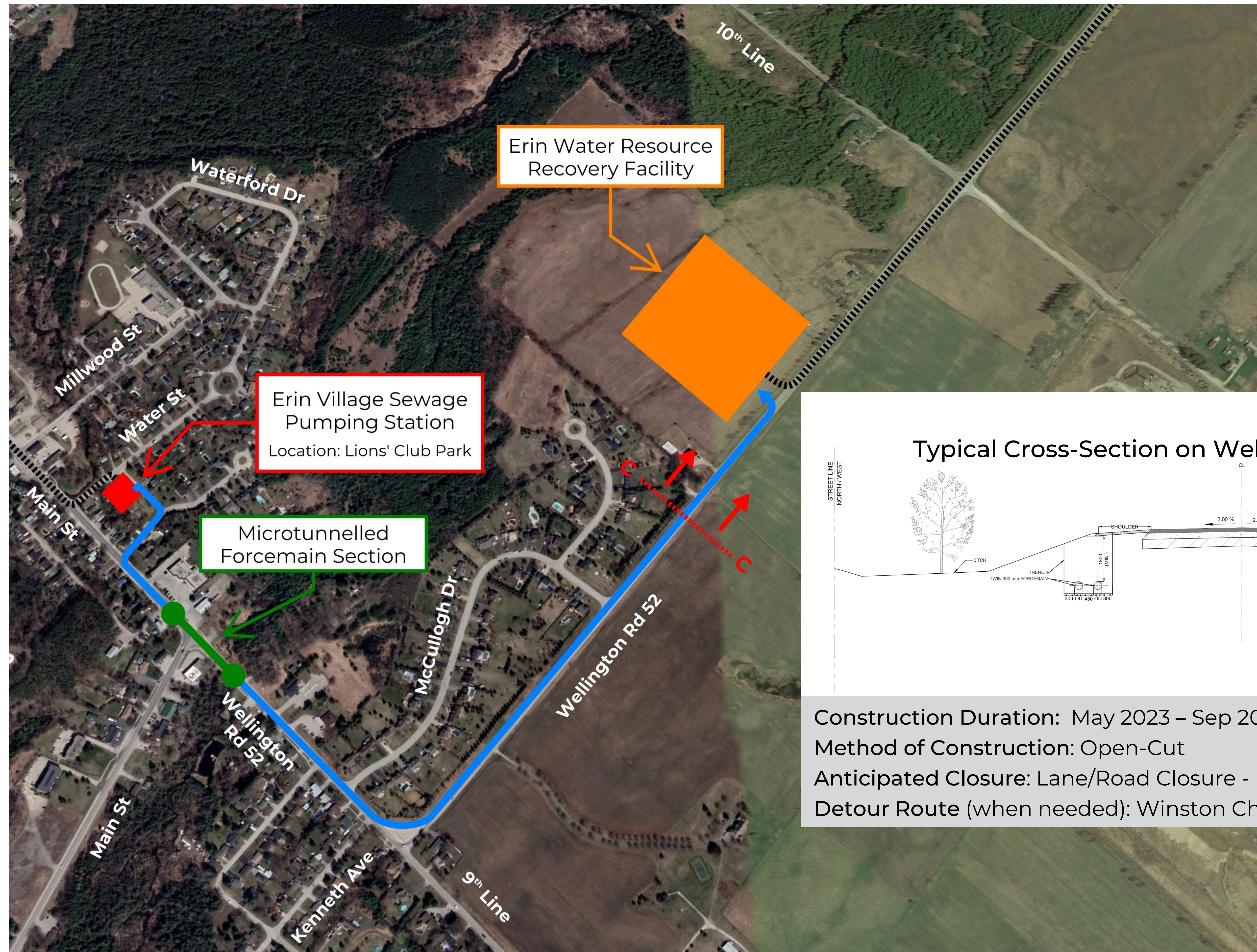
Micro-tunneling Method

- Micro-tunneling is a trenchless tunnel construction method that is widely used for the installation of sewer, water and gas pipelines, and telecommunications cables.
- Micro-tunnel boring machines use laser-guided remote control and therefore best suited for pipelines that require precise grades, such as gravity sewers.
- Micro-tunneling involves constructing shafts and tunneling from shaft to shaft. The shafts are constructed without open excavation.
- In comparison to the traditional open-cut pipe installation method, micro-tunneling is less disruptive in nature and has a lower carbon footprint.

Want to see more? Check out our short video on how micro-tunneling shafts are constructed.



Main St./Wellington Rd 52 Twin Forcemains - from SPS to WRRRF



Construction Duration: May 2023 – Sep 2023

Method of Construction: Open-Cut

Anticipated Closure: Lane/Road Closure - Main St. / Wellington Rd 52

Detour Route (when needed): Winston Churchill / Wellington Rd 124

Erin Water Resource Recovery Facility

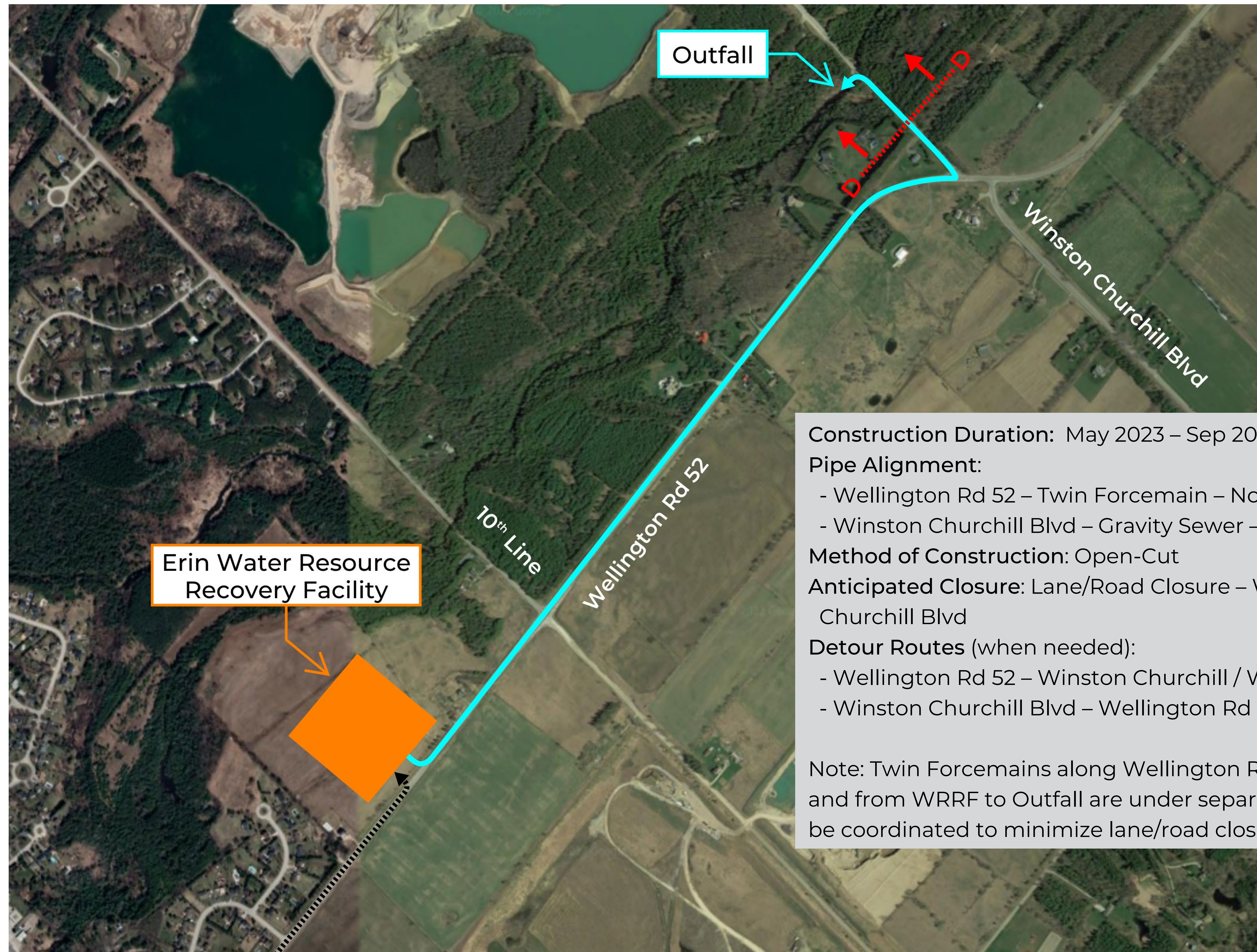


Location: 9670 Wellington Road 52



Date: November 04, 2022

Wellington Rd 52/Winston Churchill Effluent Sewer - WRRF to Outfall



Construction Duration: May 2023 – Sep 2023

Pipe Alignment:

- Wellington Rd 52 – Twin Forcemain – North Edge of Asphalt
- Winston Churchill Blvd – Gravity Sewer – West Edge of Asphalt

Method of Construction: Open-Cut

Anticipated Closure: Lane/Road Closure – Wellington Rd 52 / Winston Churchill Blvd

Detour Routes (when needed):

- Wellington Rd 52 – Winston Churchill / Wellington Rd 124
- Winston Churchill Blvd – Wellington Rd 52 / 124

Note: Twin Forcemains along Wellington Rd 52 from SPS to WRRF and from WRRF to Outfall are under separate contracts but work will be coordinated to minimize lane/road closures in 2023.

Thank you!

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