



Linear Infrastructure Memorandum

Date: April 8, 2022 **Project No.:** 300035146.0001

Project Name: Sobeys - Yonge Street and Mapleview Drive East, City of Barrie

Client Name: MHBC Planning

Submitted To: Katherine Rauscher, MCIP, RPP, Senior Planner

Submitted By: Jennifer Scherer, P.Eng.

Reviewed By: Shawn Henwood

On behalf of Crombie REIT and in support of an application for Zoning By-Law Amendment for the Sobeys Land located at the intersection of Yonge Street and Mapleview Drive East, we present the following summary of proposed linear infrastructure based on the preliminary engineering design.

1.0 Road Work

The proposed development includes one Municipal road allowance:

- Public Street: 18.0 m Local Road Allowance (BSD-301), Length = 74.0 m

In accordance with the typical Barrie Standard Details, the Public Street will include sidewalk on both sides of the road.

- Approximate Length of Municipal Sidewalk = 141.5 m

The development will also include a private road to provide connectivity for the Phase 1 Development parking entrances to Yonge Street and the proposed Public Road. The private road on the south side of the site will allow for connectivity between Phase 1 and the future Phases.

2.0 Sanitary Sewer

The preliminary design includes one sanitary connection to the proposed sanitary sewer on Yonge Street to service the proposed Phase 1 Development. No Municipal sanitary sewers are proposed as part of this development.

- Approximate Length of Private Sanitary Sewer = 399 m

3.0 Storm Sewer

Storm sewers are proposed within the Public Road, private roads and within the Phase 1 Development. The storm sewers proposed within the Public Road and the private road that outlet to the Municipal Deckawoo Gate ROW are designed to convey the 5-year storm event to SWMF #4. The storm sewers proposed within the Phase 1 Development and the private road on the south edge of the property outlet to the proposed storm sewer within Yonge Street and are designed to convey the 100-year storm event to SWMF#7.

- Approximate Length of Municipal Storm Sewer = 73 m
- Approximate Length of Private Storm Sewer = 1026 m

4.0 Watermain

The preliminary design includes one water connection to the proposed watermain on Yonge Street to service the proposed Phase 1 Development. No Municipal watermain are proposed as part of this development. The preliminary design includes a 200 mm diameter fire main throughout the development in addition to a 150 mm diameter domestic watermain.

- Approximate Length of Private Watermain = 1068 m

5.0 Closing

We note the lengths provided in this memo are subject to change based on a detailed design. We trust this letter meets the requirements of the linear infrastructure summary as required by the Zoning By-Law Amendment process.

R.J. Burnside & Associates Limited



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JS:cv

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