

# Brock Township Council Valentyne Farm Discussion



# Purpose of Presentation

Update Council on the future plans for the Hamlet of Vallentyne Farm the Region of Durham owns

- Future plans include a road bypass of the Hamlet of Vallentyne
- Some filling of farm land to improve an area of farming with excess soil from a rural Region Road project in the Township of Brock
- Some filling of an old granular pit on the farm with excess soil from a rural Region Road project in the Township of Brock

# Hamlet of Vallentyne Region Owned Farm

Vallentyne Farm  
Purchased in 1992  
to allow  
construction of  
Hamlet Bypass



# Future Vallentyne Bypass

- The Region is currently designing the Future Bypass of Vallentyne for construction in a number of years
- The Project Manager Nga Nguyen will be providing updated information to the Township of Brock this fall
- Previously sold farm house highlighted





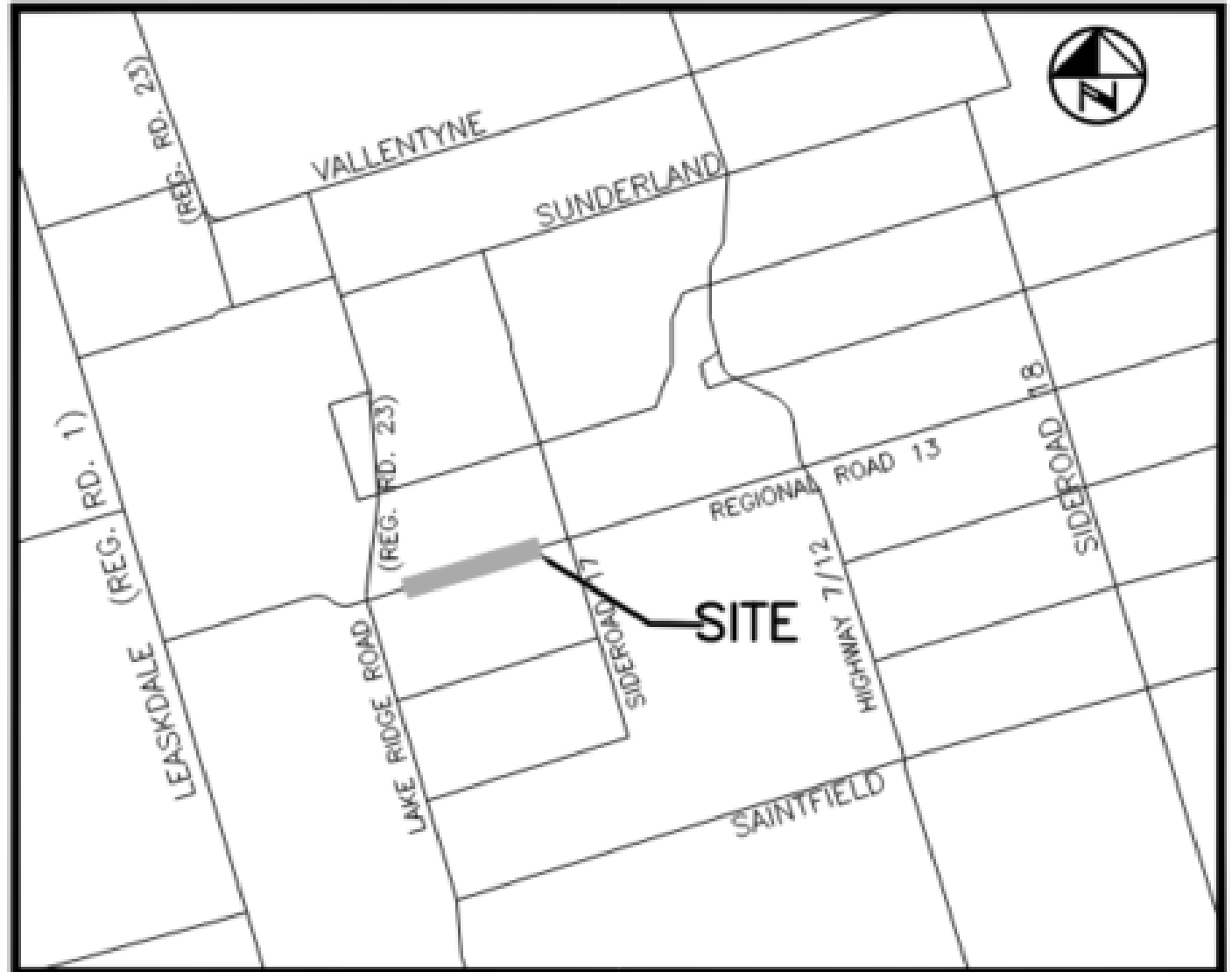
# Regional Road 13 Phase 1B

- Currently we are constructing Regional Road 13 Phase 1B which is located 740 m east of Lake Ridge Road and 800 m west of Sideroad 17
- This Contract D2024-20 includes full reconstruction and generates approximately 20,000 m<sup>3</sup> of excess fill
- The Region has been looking ways of beneficially using this excess material in accordance with MECP Regulation 406/19 for excess fills
- The Region in this contract is using this excess fill for road side slope embankment flattening to improve safety, filling of road adjacent areas to improve grading and safety, reusing granular, reusing topsoil for landscape berms and doing some farm grading improvements to improve farming



# Contract D2024-20

Regional Road 13  
Reconstruction  
Phase 1B



KEY PLAN

N.T.S.



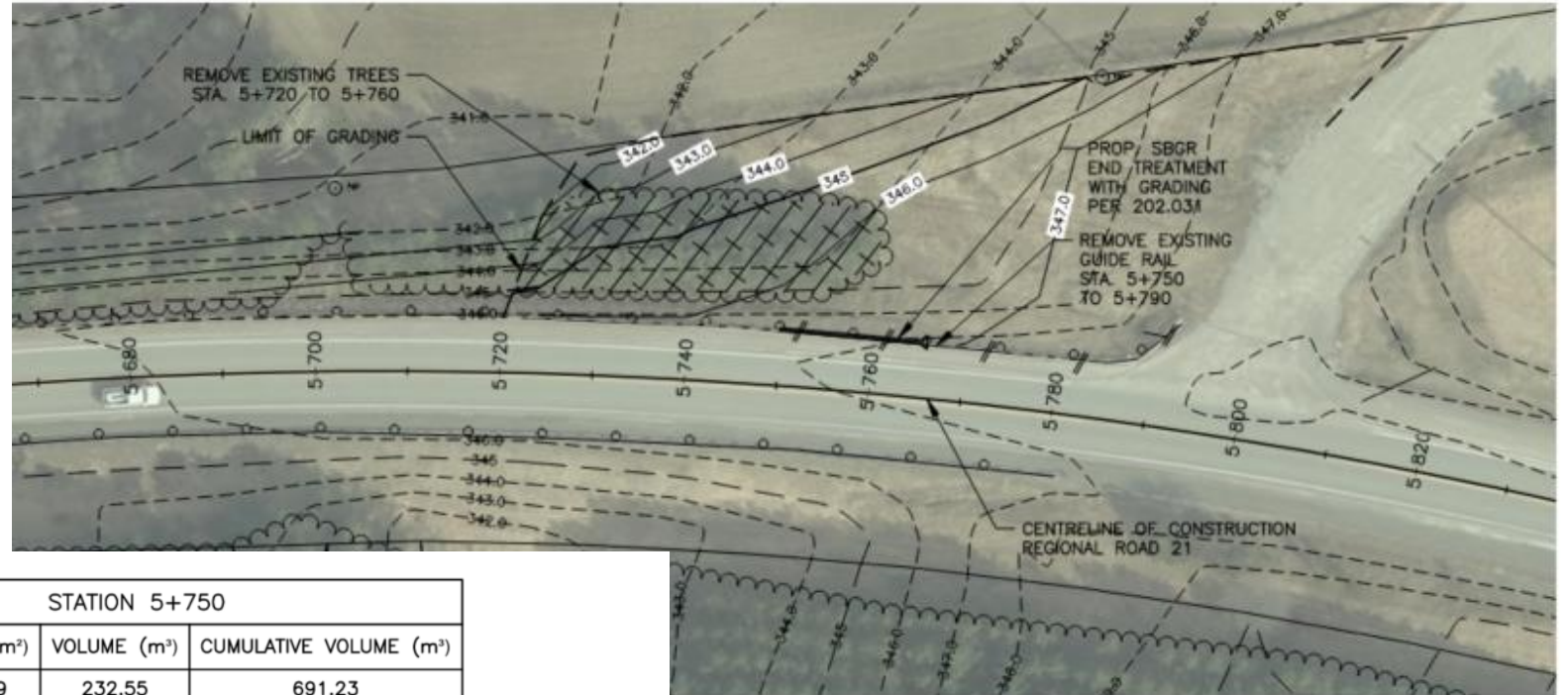
# Excess Fill Regulation

- Excess Fill in Ontario is Regulated under MECP Regulation 406/19
- The purpose of the Regulation is to help keep “contaminated” soil away from otherwise “clean” sites
- Excess Fill is generated on the majority of our Regional infrastructure projects of roads, sewers and watermains
- The Excess Fill regulation has increased the cost of construction of Regional Roads significantly
- This Project is Exempt under the Regulation since it is constructed in a rural area

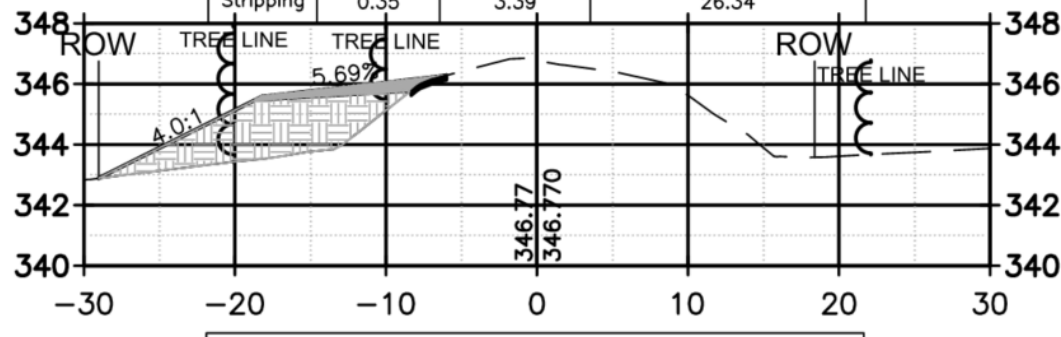


# Slope Flattening Road Side Embankment

- Flattening the side embankment slope to improve safety



STATION 5+750			
MATERIAL	AREA (m <sup>2</sup> )	VOLUME (m <sup>3</sup> )	CUMULATIVE VOLUME (m <sup>3</sup> )
Fill	24.59	232.55	691.23
Granular	2.59	22.85	85.51
Stripping	0.35	3.39	26.34





# Excess Fill to Create Landscape Berms

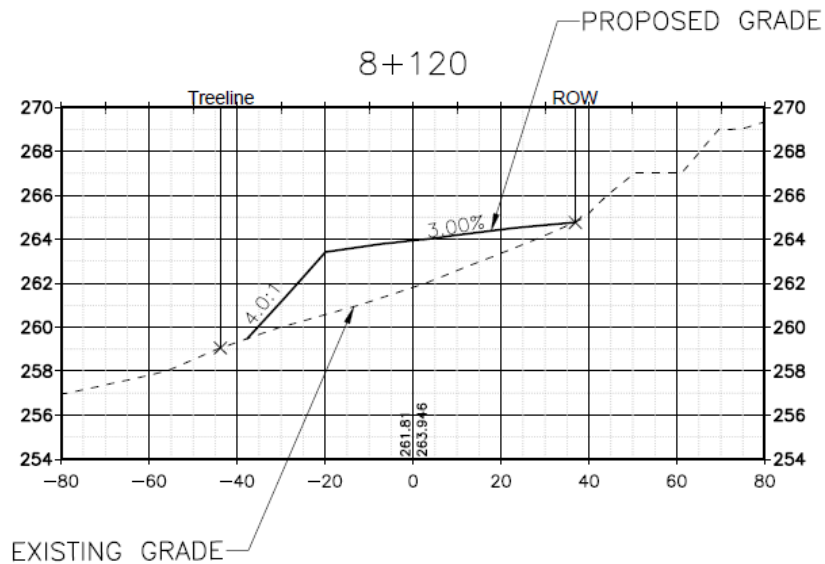
- Create a topsoil fill area in Pickering which will be landscaped with trees following



UXBRIDGE PICKERING TOWNLINE ROAD



# Filling of a low area to Improve Farming





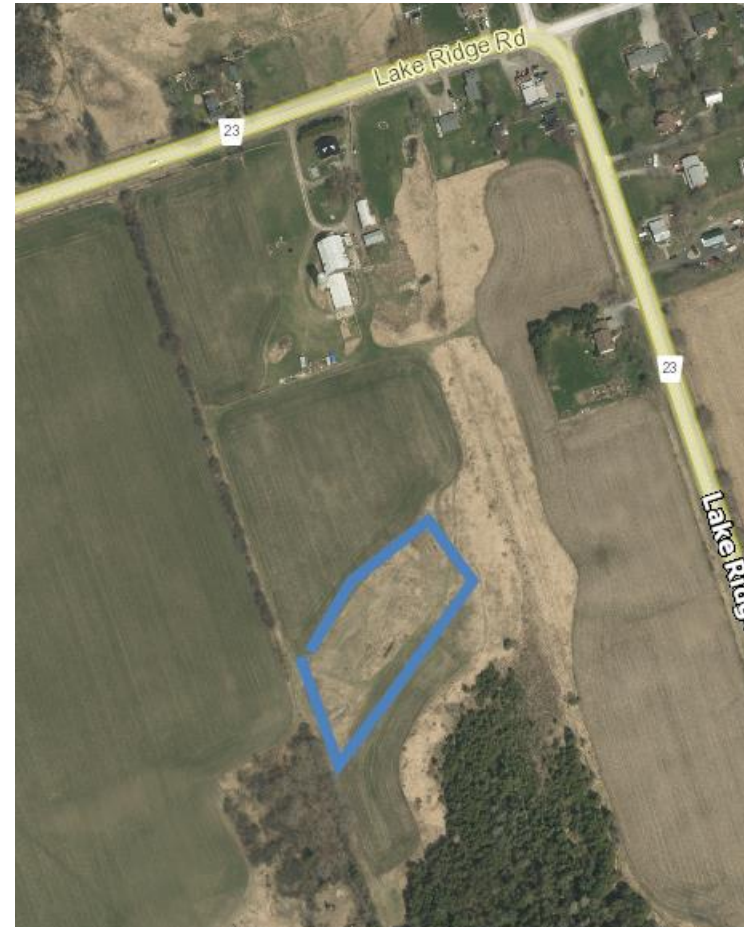


# Requirements for Filling the Area

- All soil used is from Regional Road 13 a rural road exempt from the Regulation 406/19
- An Assessment of Past Uses Report was completed for the Regional Road Contract D2024-20
- Although exempt the Region always does its due diligence to Ensure the soil is not contaminated
- Soil Characterization Testing was completed and found not contamination of Regional Road 13
- All soil brought to the site will be tested during construction to ensure no contamination
- Topsoil and top 1 metre of soil is pulled back to ensure soil is covered 1.5 m with the original soil to ensure road salt in the excess soil from Regional Road 13 does not impact farming.

# Future Filling of Old Gravel Pit on the Farm

- In the 2026 and 2027 we are looking to filling the old granular pit on the farm to allow farming here in the future
- The fill will most likely come from Phase 2a of the Regional Road 13 Construction





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