



Mount Joy GO Station - West Surface Parking Lot Expansion at 9577 Markham Road

Update Presentation to the Town of Markham
Development Services Committee

June 28, 2011



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Mount Joy GO Station Background

The current modal split at the station points to a demand for more parking on station grounds:

• Kiss and Ride	-	14.9%
• Walk	-	7.8%
• Bicycle	-	0%
• Transit	-	2.9%
• Carpool	-	5.7%
• Car	-	68.8%

Mount Joy GO Station Background

- Two parking lots with a total of 809 parking spaces currently available.
- Parking lots currently operating at 103% capacity.



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Business case for more parking

- Mount Joy GO Station Rail Ridership:
- ❖ Current - 1381 passengers during AM peak period
(trips arriving at Union Station at or before 9:30 am)
- ❖ 2013 forecast – 1619 passengers during AM peak period

- Parking Statistics:
- ❖ Current - 809 spaces
- ❖ New (added by fall 2011) - 509 spaces
- ❖ Total - 1318 spaces

Business case for more parking

- Based on current ridership forecasts and percentage of passengers arriving at Mount Joy station by car, **parking lots will be operating at approximately 85% capacity by 2013.**

Goals for the parking expansion project

- Make Mount Joy GO Station a functional and commuter-friendly link between multiple modes of transportation - pedestrian, bicycle, vehicular and public transit.
- Add 509 spaces of surface parking to meet the current and future demand.
- Provide enhanced landscaping and use 'green' applications and initiatives during the design and construction processes.



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9577 Markham Road



- An industrial site - formerly owned by a manufacturer of conveyor systems
- Although the previous owner attempted to remediate soil contamination, Metrolinx is presently testing soil samples for residual contamination during construction and will ensure proper disposal if required

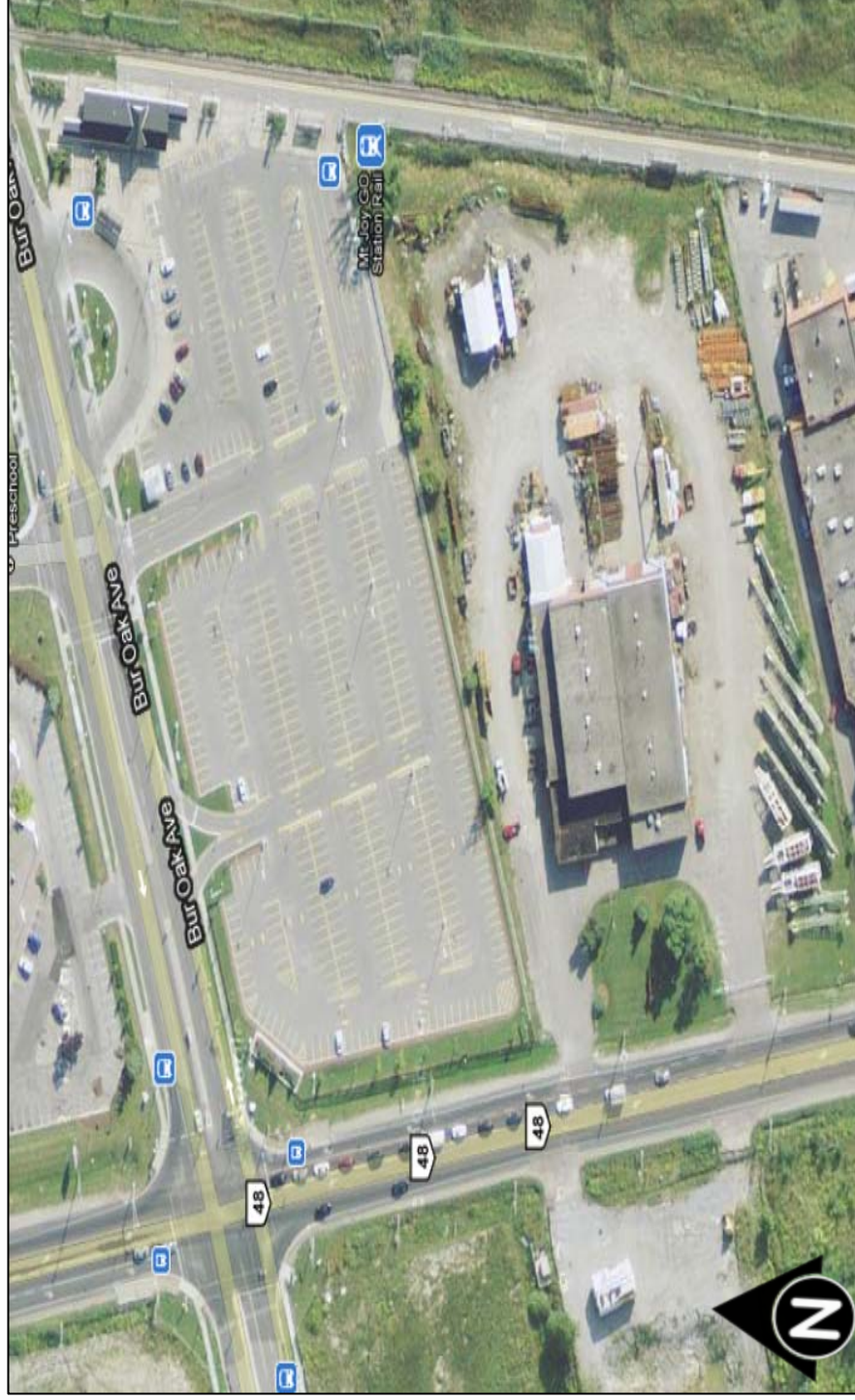
Project scope

- Remediation of industrial contamination on the site
- Expansion of surface parking area
- Expansion of the Kiss and Ride area
- Continuous and accessible pedestrian routes including connections to the municipal ROW
- Additional platform shelter
- New right-in/right-out access to Hwy 48

Project scope - sustainable initiatives

- Storm water management system upgraded with expansion of the storm water infiltration system
- Additional tree count (west and south perimeter, Kiss and Ride area) using native species
- Landscape screen (west perimeter)
- Bioswale (south perimeter)
- Energy efficient lighting (LED)
- Dedicated bicycle and scooter parking spaces

Current aerial view



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Future aerial view



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Traffic Impact

- Markham & Bur Oak intersection will be at capacity by 2015 due to development in the area.
- Traffic generated by the GO station will have a small cumulative effect compared to the area development projections by the Town of Markham
- New right-in/right-out access to Hwy 48 has been included in the project scope

Current status

- Construction of below ground infrastructure is underway
- Project timelines are on track – completion scheduled for fall 2011



Looking forward

- GO Transit is open to joint development initiatives and site re-developments, provided that they are fiscally responsible and do not adversely affect GO operations
- 12-car service in effect by the end of 2012

Thank you for your time.

Questions?