

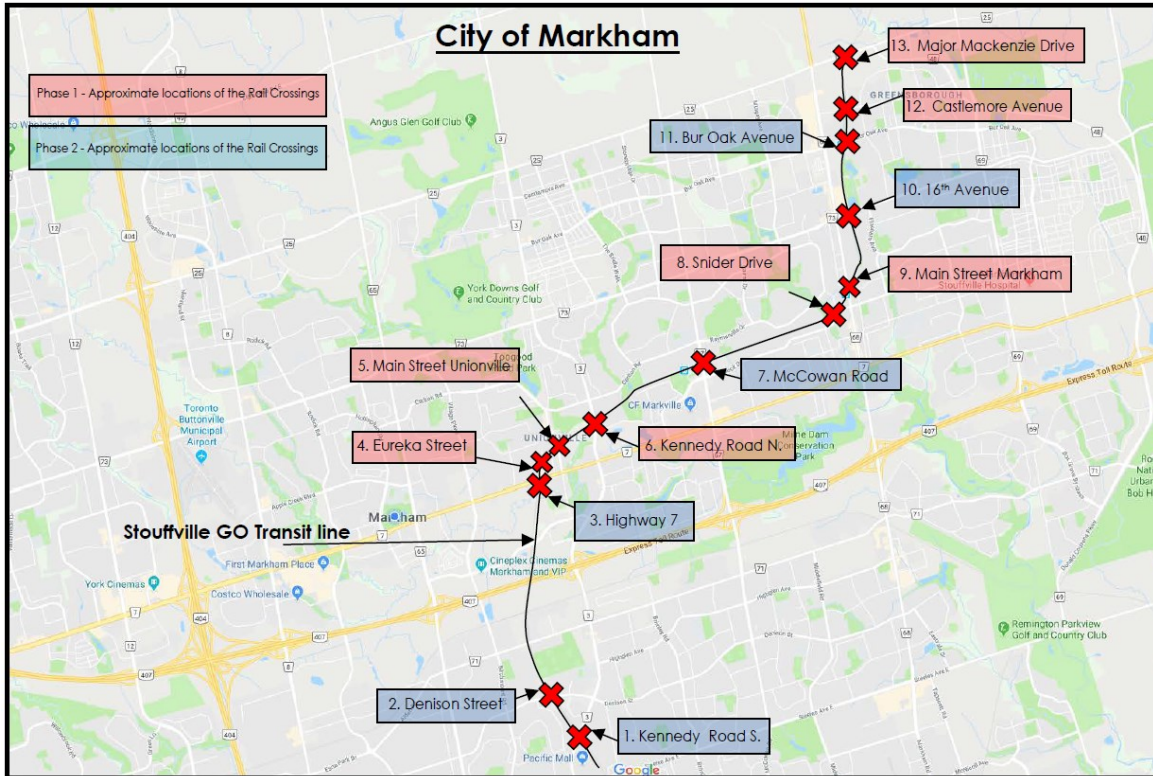
# **Whistle Cessation Project and Financial Update**

**Development Services Committee  
April 21, 2020**

## Project Overview

- Whistle cessation was implemented for 13 urban at grade crossings on the Stouffville GO Line in compliance with Transport Canada legislation and Metrolinx protocol
- Formed partnership with York Region and Metrolinx under a tri-party memorandum of understanding (executed in Jan 2018)
- The project involves many parties, and both technical design and construction were complicated and challenging
- The construction was divided into 3 contract packages based on when the design was completed and approved

# Map of Crossing Locations

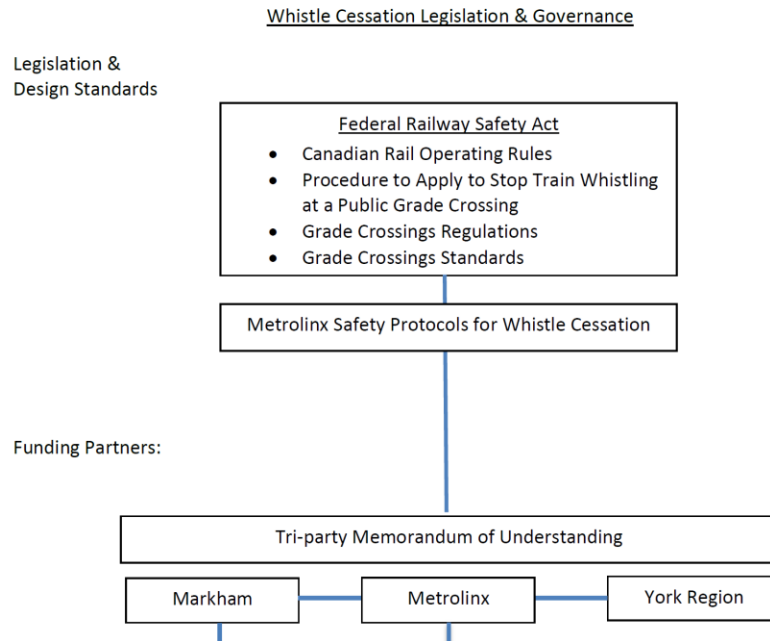


Phase 1 – Eureka, Main St Unionville, Kennedy N, Snider, Main St Markham, Castlemore, Major Mac  
Implemented: Sept 2018

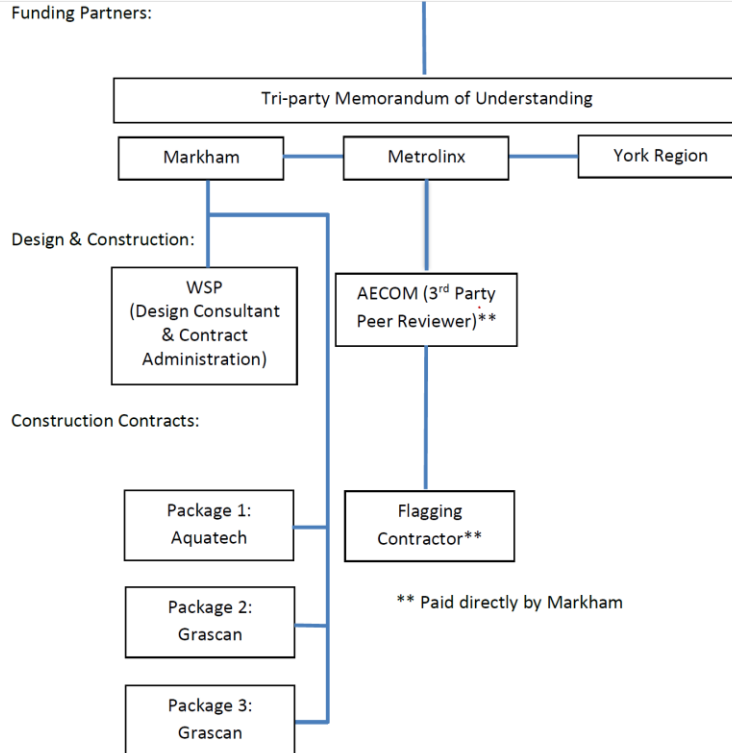
Phase 2A – Kennedy S, Denison, Hwy 7, 16<sup>th</sup> Ave  
Implemented: Nov 2019

Phase 2B – McCowan, Bur Oak  
Implemented: Feb 2020

# Legislation & Governance (1 of 2)



# Legislation & Governance (2 of 2)



## Challenges with the Project

- Specialized materials required long lead time to procure
- Complicated Design Review and Permit Issuance Process
- Availability of Flagging
- Service Changes from Metrolinx eliminated weekend work
- Inclement Weather
- Design Related Issues – redesign during construction phase
- Implementation Requirements from Metrolinx

# Cost Overrun and Delay Claim

**Table 5 – Award Costs and Overruns**

| Description     | Supplier      | Award Amount           | Approved Overrun       | Remaining Overrun      | Total Cost             |
|-----------------|---------------|------------------------|------------------------|------------------------|------------------------|
|                 |               | a                      | b                      | c                      | d=a+b+c                |
| Consultant Cost | WSP           | \$ 505,261.08          | \$ 309,301.02          | \$ 0.00                | \$ 814,562.09          |
| Peer Review     | AECOM         | \$ 287,461.82          | \$ 192,065.64          | \$ 0.00                | \$ 479,527.46          |
| Flagging Costs  | Metrolinx     | \$ 344,355.84          | \$ 823,132.94          | \$ 0.00                | \$ 1,167,488.78        |
| Construction    | Grascan       | \$ 2,624,742.68        | \$ 655,753.64          | \$ 979,454.84          | \$ 4,259,951.16        |
| Admin Fees      | Markham       | \$ 415,814.81          | \$ 0.00                | \$ 102,432.34          | \$ 518,247.15          |
|                 | <b>Total:</b> | <b>\$ 4,177,636.23</b> | <b>\$ 1,980,253.24</b> | <b>\$ 1,081,887.18</b> | <b>\$ 7,239,776.65</b> |

Overruns are for all 3 packages except “Construction” which are for Packages 2 & 3 only.

# Remaining Overrun

**Table 6 – Remaining Overruns**

| <b>Description</b> | <b>Supplier</b> | <b>PO Number</b> | <b>Original Amount</b> | <b>Increase</b>        |
|--------------------|-----------------|------------------|------------------------|------------------------|
| Package 2 Contract | Grascan         | PD 18118         | \$ 1,298,457.60        | \$ 877,259.88          |
| Package 3 Contract | Grascan         | PD 18210         | \$ 576,582.34          | \$ 102,194.95          |
| Capital Admin Fees |                 |                  | \$ 415,814.81          | \$ 102,432.34          |
|                    |                 |                  | <b>Total:</b>          | <b>\$ 1,081,887.18</b> |



# Available Funding and Overrun

**Table 8 – Available Funding and Overruns**

| Account No. /<br>Description         | Markham               | York                  | Metrolinx          | Total                   |
|--------------------------------------|-----------------------|-----------------------|--------------------|-------------------------|
|                                      | a                     | b                     | C                  | d=a+b+c                 |
| Account 16053 /<br>17038 Budget      | \$2,367,805.67        | \$3,784,183.41        | \$79,971.00        | \$6,231,960.08          |
| Final Project Cost                   | \$3,238,085.49        | \$3,960,888.46        | \$40,802.70        | \$7,239,776.65          |
| <b>Variance:</b>                     | <b>(\$870,279.82)</b> | <b>(\$176,705.06)</b> | <b>\$39,168.30</b> | <b>(\$1,007,816.57)</b> |
| Allocate Excess<br>Metrolinx Funds*: | \$32,557.67           | \$6,610.63            | \$39,168.30        | \$0                     |
| <b>Variance (offset):</b>            | <b>(\$837,722.15)</b> | <b>(\$170,094.42)</b> | <b>\$0</b>         | <b>(\$1,007,816.57)</b> |

There is \$74,071 available funding in existing Whistle Cessation Accounts (16053 & 17038)