



**Markham MUP
(16th Avenue to Bob Hunter Memorial Park)**



April 23, 2013
Development Services Committee

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Schollen & Company Inc.

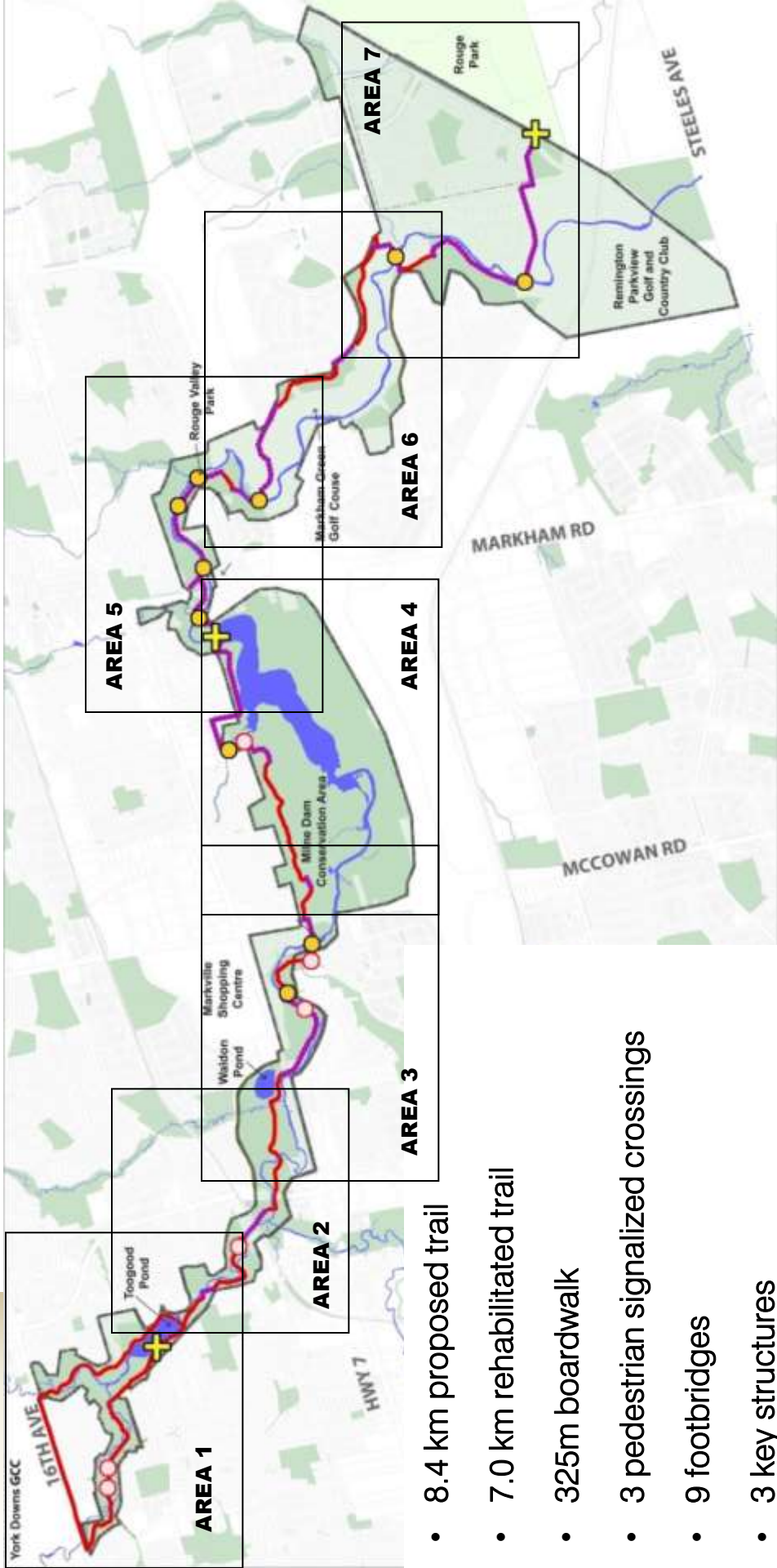
Purpose of Presentation

- Update Council on the design of the MUP from 16th Avenue through Toogood Pond and the Milne Dam Conservation Park to Bob Hunter Memorial Park.
- Seek Council endorsement for construction phasing for the work and authorization for staff to commence the tendering process.
- Update Council on construction schedule and budget.

Background

- On the April 17, 2012 Council meeting, Council approved the filing of the MUP EA with Ministry of Environment (MOE) for 30 day public review period and authorized to proceed with the detailed design and construction administration work.
- The EA was filed With MOE on July 26, 2012 and no objections were received from the public during the 30 day review period which ended on August 27, 2012.
- The City of Markham retained Schollen and Company Inc. in August 2012 for the detailed design and construction administration of the MUP.

Project Overview



- 8.4 km proposed trail
- 7.0 km rehabilitated trail
- 325m boardwalk
- 3 pedestrian signalized crossings
- 9 footbridges
- 3 key structures

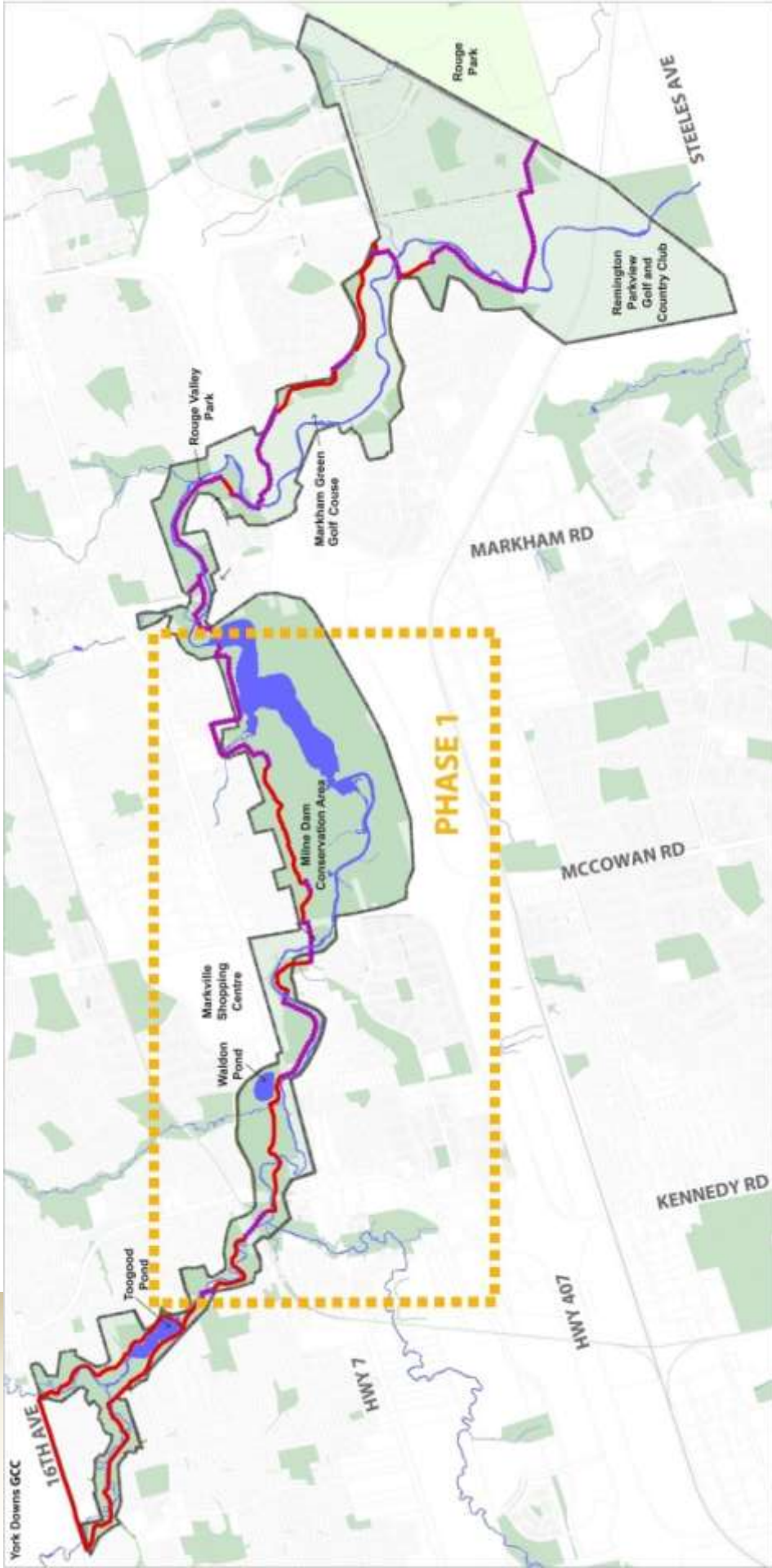
Construction Phasing

- The detail design for the seven sections will be completed by end of 2013.
- Construction phasing is dependant upon the following factors:
 - Property acquisition
 - Approvals (TRCA, MNR, MTO, CN rail & York Region)
 - Capital budget funding

Recommended Phasing

Area	Design	Property	Permit	Recommended Phasing
Area 1	30%	N/A	In progress	2,3
Area 2	30%	✓	In progress	1
Area 3	75%	90%	In progress	1
Area 4	30%	N/A	In progress	1,3
Area 5	0%	In progress	In progress	2
Area 6	0%	N/A	In progress	2
Area 7	0%	In progress	In progress	2,3

Phasing Plan – Phase 1



Phase 1 Rationale

- Areas 2, 3 and 4 - completing missing trail links will connect Milne Dam to Toogood Pond
- Received preliminary endorsement of MUP by TRCA & MNR and expect permit by this summer
- Good access to stage the works this fall

Outstanding Issues for Phase 1

- Region of York approval for signalized road crossing to provide safe connections at McCowan Road
- Pedestrian signal crossing (s) at Main Street Unionville & Carlton Road
- Property Acquisition
- Final MNR and TRCA approval

Consultation Process – Phase 1, 2 & 3

Further consultation and site walks will be required with:

- Community of Liaison Committee (CLC),
- Milne Working Group (MWG)
- Approval agencies (MNR, TRCA, York Region, MTO, etc)

In order to finalize the various design issues such as MUP width, material type, signage, parking and environmental mitigation.

Construction Timing Restrictions

- ***Migratory Birds Convention Act*** - Federal legislation prohibits the destruction of nests, eggs and young birds during the migratory bird nesting period between May 1st and July 31st
 - ***Fisheries Act Warm-Water Timing Restriction*** - Construction works are prohibited by the Department of Fisheries and Oceans (DFO) for in-water/near-water work between March 31st and July 1st
 - ***Fisheries Act Cold-Water Timing Restriction*** – This affects Redside Dace fish habitat. Construction works are prohibited during July 1st - September 15th
- Construction may proceed with proper authorization from authorities, however, additional surveys/monitoring and erosion controls will be required.



Schedule

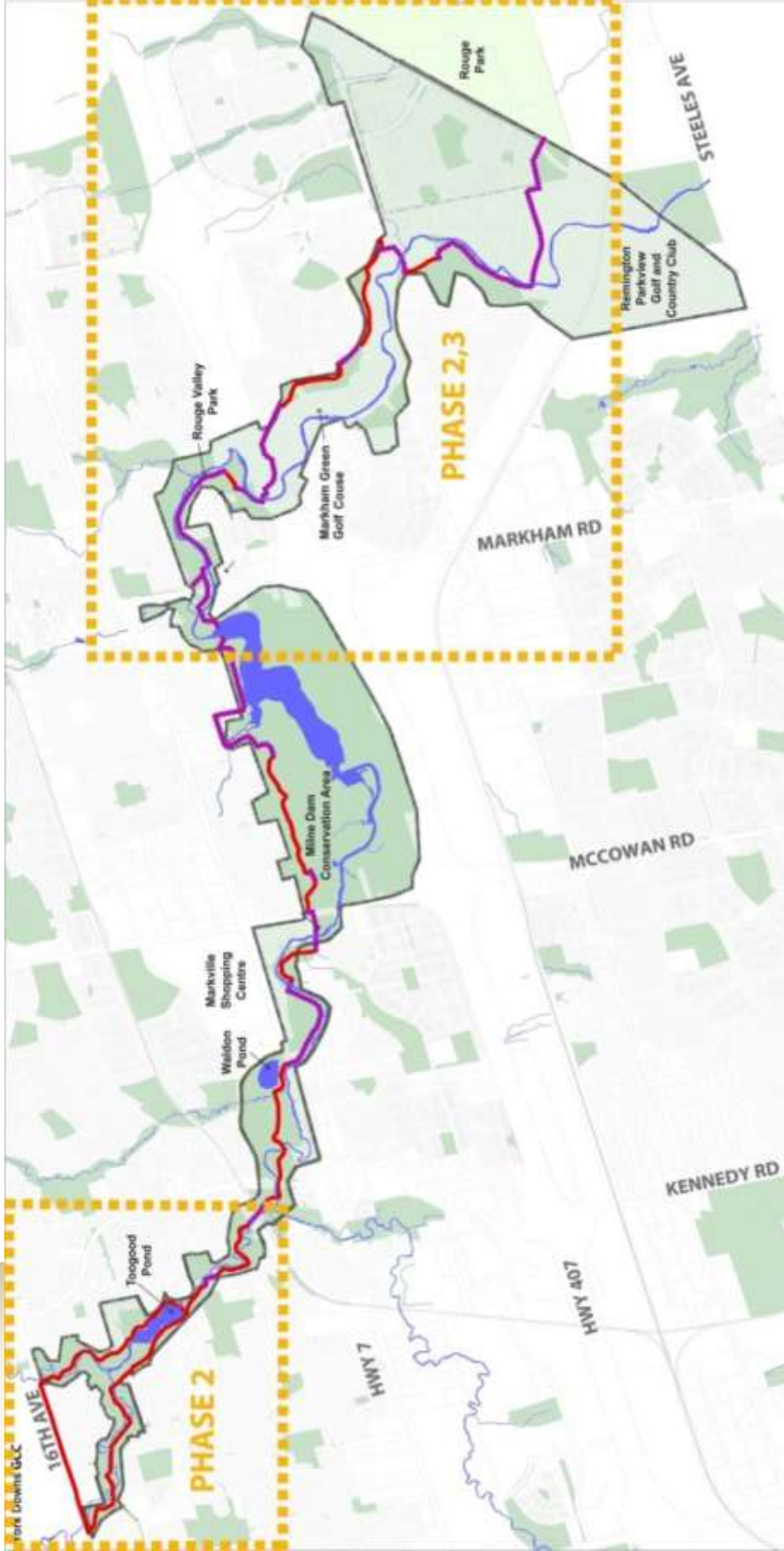
- Council approval of construction Phasing Plan – April 2013
- Design Completion Phase 1 – June 2013
- Tender Award Phase 1 – July 2013
- Start of Construction – Late summer or early Fall 2013
- Completion – Phase 1 – late 2013/ spring 2014 (weather dependant)

Budget

- The total estimated cost of the project is \$7.34M.

Phase 1 – 2013	\$2.13 Million
Phase 2 – 2014	\$2.84 Million
Phase 3 – 2015	<u>\$2.37 Million</u>
- *Total Estimated Capital Costs \$7.34 Million
- Currently, there is \$2.5M in 2013 capital budget and \$212,676.00 from Region of York for Phase 1.
- Additional funding will be requested in the 2014 and 2015 capital budgets to complete the project.
- *Subject to Adjustment

Draft Phasing Plan – Phases 2, 3



Final program for Phase 2 & 3 subject to property acquisition, permits and funding.



Recommendations

- That the April 23, 2013 presentation by Schollen and Company be received
- Council endorse the recommended Phasing Plan so construction can proceed in fall 2013
- Staff/consultant proceed to complete the MUP design and start construction as per the recommended phasing plan
- And that staff report as part of the 2014/2015 Capital Budget process for funding for Phase 2 & 3
- And that staff report back with final MUP works for Phase 2 & 3