

York Region Lake to Lake Trail Implementation

City of Markham Staff Presentation

PRESENTATION TO
DEVELOPMENT SERVICES COMMITTEE
September 6, 2016

Lake to Lake Route

- In 2008, the York Region Pedestrian and Cycling Master Plan was adopted by Council.
- The cycling route and walking trail will extend from Lake Simcoe at the northern edge of the York Region through the City of Toronto to Lake Ontario.
- In Markham, the main N-S spine will extend from Highway 7 to Steeles Avenue and will provide access to Richmond Hill and Toronto MUP networks.



MUP Program in Markham

Last 5 Years

- Completing main spine of *Rouge Valley Trail* (Toogood Pond to 14th Avenue)
- Since 2013, City Council has approved approximately \$5.5M for the *Rouge Valley Trail* (for about 5.4km of MUP)
- Various MUP constructions with Regional & City road projects, (e.g. Woodbine By-Pass, Markham Road, Warden Avenue, Main Street Markham)

Next 5 Years

- Need to focus on N-S routes & feeder trails
- Need to advance trail system in Thornhill & Milliken
- Identify other routes to fill gaps or to meet demands
- Provide Auxiliary facilities (e.g. bike parking, signage)
- Offer education and promotion on Markham's MUPs and trail system

Lake to Lake CPAC Endorsement

February 18, 2016

- York Region staff made a presentation to CPAC on the Lake to Lake Route
- The presentation discussed details of the route in Markham, time schedule of implementation, and the potential cost-sharing

March 24, 2016

- CPAC recommended that the City support the Lake to Lake Route implementation through Markham
- CPAC requested Council to include funding of the Lake to Lake Route in the 2017 capital budget

Benefits of Lake to Lake Route in Markham

- Main N-S MUP spine through Thornhill
- Serves as a commuting and recreational route for cyclists and pedestrians
- Provides access into Richmond Hill and Toronto MUP networks
- Permits further MUP connection to serve Thornhill community
- Funding partnership with York Region to expand Markham's MUP system



Source: York Region

Lake to Lake Implementation – Cost Estimates

Project Estimate Capital Costs

	Total Project Estimate	MTO Grant	York Region Share (50%)	Markham Share
Design & Construction (Concrete)	\$ 2,731,500	\$ 325,000	\$ 1,203,250	\$ 1,203,250
York Region Engineering Fees (12%)	\$ 327,780	-	\$ 163,890	\$ 163,890
City of Markham Internal Fees (2%)	-	-	-	\$ 24,065
HST Impact (1.76%)	-	-	-	\$ 24,485.21
Approximate Total Project Funding Required (Markham):				\$1,415,690.21

- The Markham share of design & construction costs be funded from Development Charges (35%) and Non-DC Growth (65%) subject to Council Approval.
- The draft 2017 Capital Budget has included \$1.4million for this project.

Lake to Lake Implementation – Cost Estimates

Estimated City of Markham Annual Maintenance Costs

	MUP Distance	Winter Maintenance (Plowing Only)	Summer Maintenance
MUP along Leslie St. & John St.	2.1km	\$ 12,000	\$ 7,000
MUP over bridge crossings (may require loading and hauling)	1.0km	\$ 60,000	\$ 5,000
MUP within German Mills Settlers Park	1.1km	Off-road trails are not maintained in winter	\$ 4,000
TOTAL	4.2km	\$ 72,000	\$ 16,000

- The estimated annual maintenance cost of the Lake to Lake MUP (Markham Section) is approximately **\$ 88,000**.
- York Region is considering assumption of all MUP within arterial roads. If approved, the Region would assume $\pm$ \$50,000 of the above estimated annual Operations & Maintenance costs.

Next Steps

- Staff has included the Markham's share (\$1,415,690.21) for the 2017 Capital Budget request.
- Council consideration of funding in the 2017 Capital Budget process.
- Region completes design in early 2017.
- Region and City execute agreement(s) for the cost sharing and implementation of the project.
- Region tenders March/April 2017.
- Construction:
 - starts late spring 2017
 - Completion summer 2018

Draft Resolution

1. That the presentation provided by Stephen Collins, Acting Commissioner, Transportation Services, York Region entitled “Lake to Lake Route Implementation in Markham” be received;
2. That the presentation provided by Brian Lee, Deputy Director of Engineering, entitled “York Region Lake to Lake Implementation – City of Markham Staff Presentation” be received;
3. That the Lake to Lake Route implementation for the Markham section be endorsed in principle subject to funding;
4. That Markham’s funding share of the construction of Lake to Lake Route through Markham (\$1,415,690.21) be considered under the 2017 Capital Budget process;
5. That Markham’s funding share of \$1,415,690.21 be funded 35% from Development Charges and 65% from non-DC Growth Reserve;

Draft Resolution (Continued)

6. That the Operations Department's operating budget include the funds in the maximum amount of \$88,000 in the 2018 Operating Budget to cover annual operations and maintenance requirement for the Lake to Lake MUP Route through City of Markham upon completion of construction;
7. That the Region of York be authorized to design and tender the Lake to Lake MUP route in Markham;
8. That the Mayor and Clerk be authorized to execute further agreement(s) with York Region for the cost sharing and implementation of the project;
9. That the Regional Municipality of York be advised accordingly;
10. That staff be authorized and directed to do all things necessary to give effect to this resolution.