

Cycling and Pedestrian Advisory Committee (CPAC)

2018 Achievements & 2019 Business Plan

Presentation to
Development Services Committee
April 15th, 2019

Advisory Committee Mandate

- CPAC is an advisory committee of City Council with mandate to:
 - Represent interests of cyclists and pedestrians in Markham
 - Bring these interests to attention of appropriate staff, department or standing committee of Council
 - Advise and support the City on planning & delivery of walking & cycling infrastructure, policies, education/outreach and research.
- Membership – up to 20 members, supported by staff from Engineering
 - Currently 12 citizens, 6 staff from agencies, 2 Councillors
 - Chair: David Rawcliffe, Vice Chair: Peter Miasek
- Monthly meetings open to public

Markham Official Plan Sec 7.1.4.2

“To support walking and cycling throughout Markham as competitive mobility choices for everyday activities such as work, school, shopping, business and leisure...”



1. 2018 ACTIVE TRANSPORTATION (AT) ACHIEVEMENTS*

1.1 Engineering

1.2 Encouragement

1.3 Education

1.4 Evaluation

* Team Effort – Staff of many City departments & CPAC members (citizens, Councillors, Agencies). Thank you to all!

1. 2018 AT ACHIEVEMENTS

1.1 Engineering:

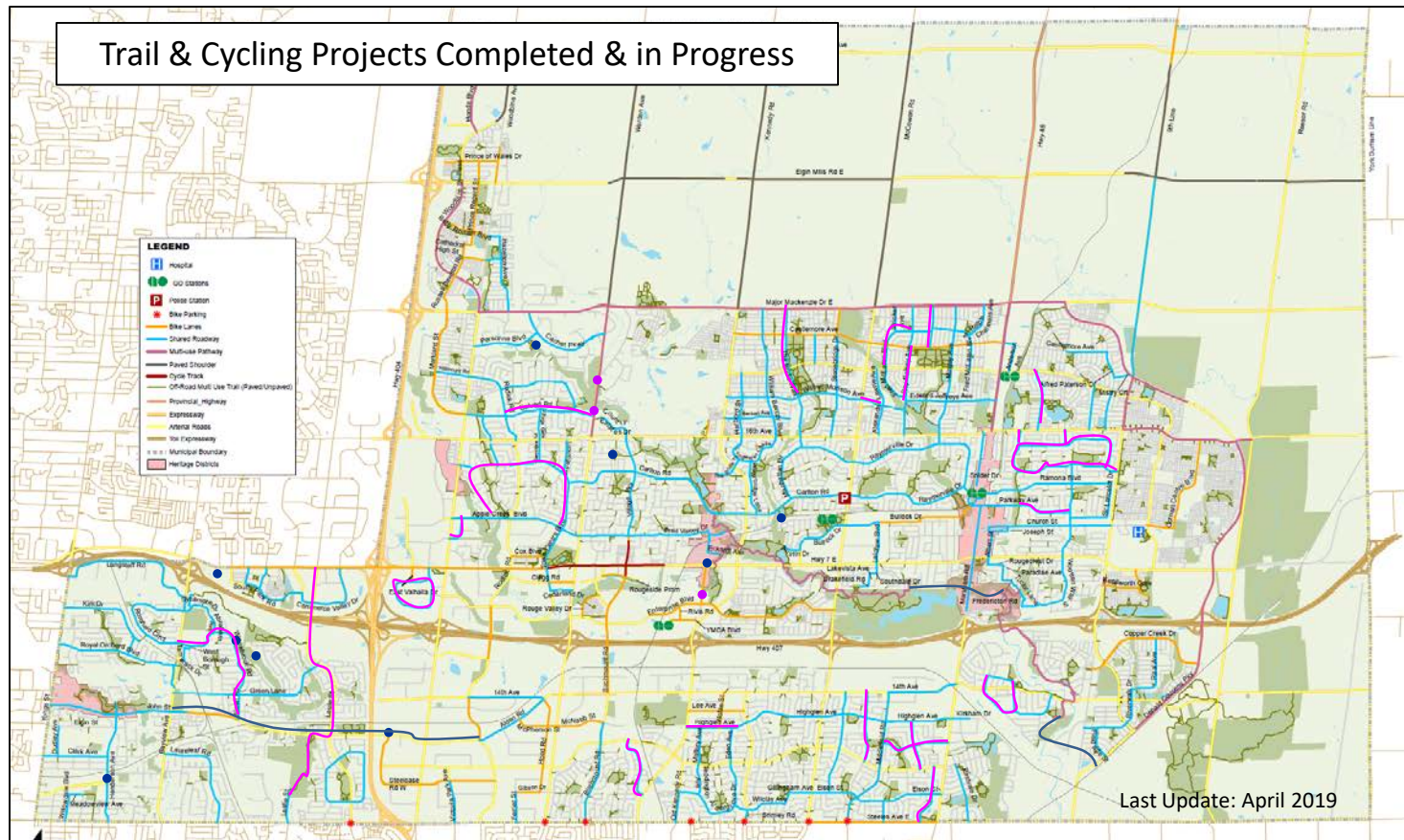
Major Active Transportation Projects :

- Rouge Valley Trail - Phase 3B & 4A
- York Region's Lake to Lake Multi-use Pathway – Section from Highway 7 through German Mills Settlers Park jointly funded by York Region and City of Markham.
- John Street Multi-use Pathway - Design & Construction
- York Regional Road EAs (Bayview Ave, 16th Ave, Kennedy Road, McCowan Road)
- Hwy 404 Midblock Crossing EAs (North of 16th & North of Major MacKenzie Dr.)

Filling Network Gaps:

- Arterial & Collector Road Sidewalk Completion Program
- Small trail, pedestrian or cycling gap projects – see slide 6
- Edgelines pavement marking on 55km of collector roads

Trail & Cycling Projects Completed & in Progress



Completed in 2018

1. Intersection Improvement: Enterprise Blvd. & Unionville Main St
2. Bike lane on the south side of YMCA Blvd
3. Lake to Lake Multi-use Pathway (Markham Section)
4. 55km of edgelines throughout Markham
5. Pedestrian Connection at Walnut Glen Place & Country Estates Dr. on Warden Ave.

Project in Progress

1. Feasibility Study of Trail Connections at: Highway 7 & South of Hwy 407, Maple Valley Park, Denby Valley Park to Mildred Temple Park, Quantztown Park to Vanessa Road, Gatsby Court to Personna Valley
2. Pathway from Briarwood Park to Carlton Road
3. Intersection Improvement at Doncaster/Henderson & John St/ Steelcase Road
4. John St. Multi-use Pathway
5. Rouge Valley Trail Phase 3B, 4A & 4B

1. 2018 AT ACHIEVEMENTS

1.1 Engineering (Continued):

- Network Enhancements:
 - Signage installed on all Multi-use Pathways
 - York Region's pilot of 1km protected bike lane (using flexible posts) on Highway 7
 - Opportunities for road diet and buffered bike lanes design
 - Pavement Marking and Signage Guideline for Bike Routes
- Active Transportation Master Plan – Study awarded to IBI Group. First round of public engagement scheduled for April 2019.
- Road Safety
 - Council agreed with “zero fatalities in the Vision Zero principles, and that staff be requested to investigate, in partnership with York Region, the adoption of Vision Zero principles at City level or jointly with York Region.” – at January 18, 2018 DSC meeting
 - City Staff provided an information memo to DSC on March 18 2019 to review current traffic safety strategies, and will be conducting a city-wide road safety audit.

1. 2018 AT ACHIEVEMENTS

1.2 Encouragement:

- 11th annual Markham Cycling Day with over 900 participants and 500 parents/volunteers on-site.
 - Children races (age 3 -10) & Tour de Markham Community Rides
 - Food + raffle prizes + entertainment + vendors/exhibitors
- Organized Jane's Walks in May with 102 attendees – Buttonville, Thornhill, Markham Village.
- Provided temporary bike racks at various Markham festivals/events (Operations supported)
- Sponsored the repairing of 40 bicycles and donated them to low-income families
- Participated in outreach: Toronto International Bike Show (Mar 4), Earth Day (April 21), Active Transportation Expo (June 8), Children's Festival (August 25), various school fairs
- Partnered with York Region and Smart Commute on Bike to Work Day (May 28) and Bike to School Week (May 28-June 2) and Bike Month (June)
- Initiated scoping of bike-share service in York Region (funded by York Region)
 - Phase 1 – Detailed analysis of ridership and cycling potential (completed)
 - Phase 2 – Review of best form, types, approach and service area of a pilot (Spring 2019)

Markham Cycling Day – 2018



1. 2018 AT ACHIEVEMENTS

1.2 Encouragement (Continued):

- Together with local school staff and City Staff, CPAC initiated a new elementary school outreach program to encourage active travel to school.
 - Transportation Tomorrow Survey (2016) & Metrolinx's GTHA School Travel Trends Report (2016) both showed an increasing trend of children being driven to school over the past 30 years.
 - Metrolinx has a goal to achieve 60% active transportation mode split
 - Parent and student surveys conducted at 4 Markham events. More than 95% of parents understand the benefits of AT and want their children to walk/cycle to school more often.
- Pilot test at Mount Joy Public School between May 31-June 14 . Will high level of publicity and incentives (classroom competition) encourage more students to walk/cycle to/from school?
 - Results: Average of 60% of students walked/biked during pilot. Uncertain of pilot effectiveness due to lack of baseline data.
 - General Comments: More safety measures would increase parent comfort to encourage walking/cycling. Parent connection system should be explored. Valuable learnings on how to deal with school community.



1. 2018 AT ACHIEVEMENTS

1.3 Education:

- Active Transportation Website on Markham Portal – working towards Spring/Summer 2019 release
- York Region is training school teachers through the “Making Tracks” program on safe walking, cycling, scootering. The trained teachers can then train elementary school students.
- York Region published “York Region Cycling Newsletter” 3 times per year

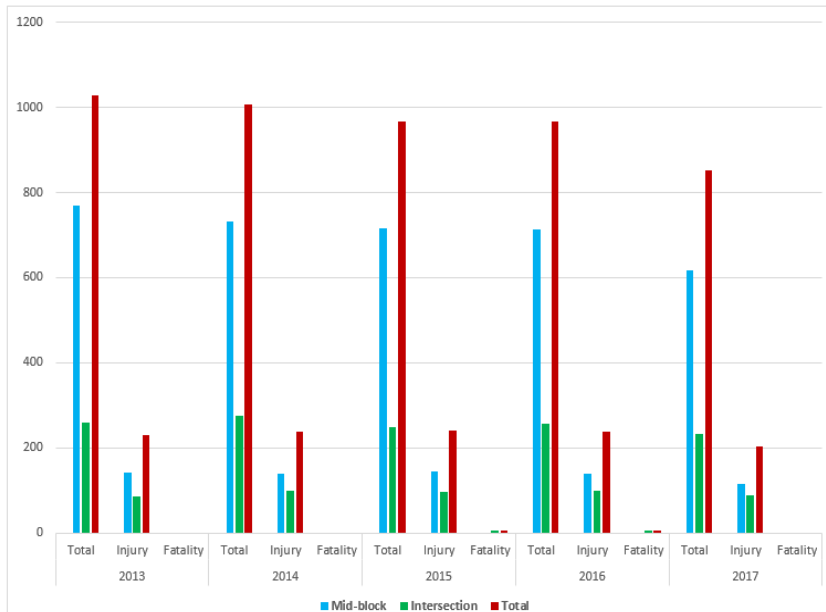
1. 2018 AT ACHIEVEMENTS

1.4 Evaluation:

- Road Safety in Markham (excluding Regional Roads) – Staff Memo on March 18, 2019
 - Total collisions of all types decreased despite population growth
 - Collisions involving pedestrian/cyclists growth. See Slide 13.
 - Previous analysis (2018 Review) shows higher collision frequencies in Milliken, Yonge Corridor, Hwy 7/McCowan Road
- York Region is tracking pedestrian and cyclist deaths and injured on arterial roads in their annual Traveler Safety Report*
 - Collisions of all types and collision rate per 100,000 population have declined
 - However, collisions involving pedestrians/cyclists have steadily increased
 - Majority of collisions (pedestrians at 95%, cyclists at 81%) lead to injury or fatality
 - Developing a Safety Plan to address pedestrian and cyclist safety, anticipate to release by Spring 2019.
- York Region continues to measure cycling usage using fixed and mobile counters

*Source: York Region 2017 Annual Collision Statistics Report

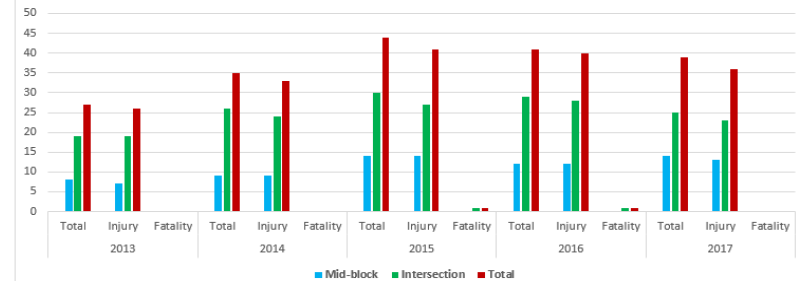
City of Markham Total Collisions - All Types (2013-2017)



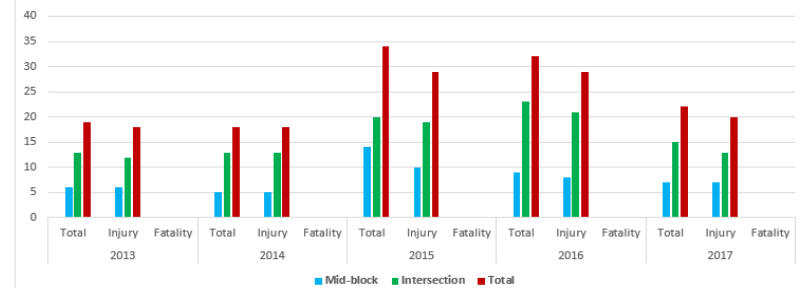
NOTE: excludes the Regional road network

City of Markham Pedestrian & Cyclist Collisions (2013-2017)

Pedestrian Collisions



Cyclist Collisions



NOTE: Excludes the Regional road network

2. 2019 PLAN

2.1 Engineering

2.2 Encouragement

2.3 Education

2.4 Evaluation

2019 CPAC Budget

2. 2019 PLAN (new vs. 2018 = *italics*)

2.1 Engineering:

- Track progress on major funded infrastructure projects
 - Construction of Rouge Valley Trail and John St. Multi-use Pathway
 - EAs for York Region arterial roads and 404 mid-block crossings
 - *Markham Centre Trails – detailed design and permits in Area 3 (Warden Ave. & Birchmount Road). EAs in Areas 1,2,4 (Apple Creek to Unionville Main Street)*
- Continue to prioritize and fill trail, cycling and pedestrian network gaps
 - Arterial & Collector Road Sidewalk Completion Program
 - Small trail, cycling and pedestrian gaps
 - *Edge line cycling route signage program*
- Work on enhancements to current network
 - *Flexible posts on Highway 7 bike lane – York Region to confirm*
 - *Design for Markham Road intersection pavement markings/cross rides (Major Mackenzie Drive to 16th Ave.)*
- *Provide input into Active Transportation Master Plan & Road Safety Audit (Markham & York Region)*
- Review Community Master Plans, Secondary Plans and ZBAs as they are prepared,

2. 2019 PLAN (new vs. 2018 = *italics*)

2.2. Encouragement:

- Conduct the 12th annual Markham Cycling Day
 - September 22, centred at Civic Centre, 1000+ attendees
- Offer Jane's Walks at 2 locations in May
- Provide Bike Racks at various Markham festivals (Operations supported)
- Participate in other outreach – Earth Day, Children's Festival, school fairs, other
- *Explore community rides – Sunday mornings in June, lead by local bike shop*
- *Review results of York Region Feasibility Study of bike share service in Markham and decide next steps*
- *Conduct new Active Travel to School Pilot at 8 Markham elementary schools*
 - *Jointly funded by Markham (CPAC), York Region and both School Boards*
 - *Phase 1 (April – June 2019): \$11K total. Four tiers of encouragement: promotion, class room competition, parent connection, signage and pavement markings. Measure results and pilot effectiveness.*
 - *Phase 2 (Sept 2019 – June 2020): \$78K total, including \$6K from Markham (CPAC). Contingent on \$60K funding from Green Communities Canada. Build on learnings from Phase 1 and elevate all 8 schools to Tier 4.*

2. 2019 PLAN (new vs. 2018 = *italics*)

2.2. Encouragement (continued):

- Support “*Markham Cycles: Incubating Cycling Hubs in Suburban Canadian Communities*”:
 - One year (Mar/2019 – Mar/2020) program lead by Toronto Centre for Active Transportation (TCAT) and in partnership with City of Markham and York Region District School Board.
 - \$255K funding from Environment and Climate Change Canada. \$20K in-kind funding from City of Markham and York Region District School Board.
 - Goal is to increase cycling usage in suburban environment with training, mentorship, workshops, repairs, free loaners, community and school events, clubs, awareness and outreach, personal transportation GHG audit tool
 - Builds on successful “Scarborough Cycles” project where two community hubs were opened and a local cycling culture was successfully incubated
 - Milliken has been selected as the community in Markham for the pilot. Hub location candidates are being explored.

2. 2019 PLAN (new vs. 2018 = *italics*)

2.3 Education:

- Continue work on new Active Transportation website in conjunction with City website refresh.
- Update Cycling and Trails map – update and print
- CPAC members to attend local learning opportunities (i.e. workshops, seminars)

2. 2019 PLAN (new vs. 2018 = *italics*)

2.4 Evaluation:

- *Active Transportation Master Plan scope of work includes:*
 - *Reviewing recent ATMPs from 5 comparable communities*
 - *Reviewing recent travel trend data e.g. AT mode share*
 - *Reviewing collision and injury data*
- *As needed, request York Region to expand program on measuring cycling and pedestrian usage with counters on key Markham Corridors.*

2019 CPAC BUDGET ALLOCATION

	<u>2018 Approved Budget, \$</u>	<u>2018 Actual, \$</u>	<u>2019 Approved Budget, \$</u>
Encouragement			
Markham Cycling Day	10,000(net after sponsors)	10,925 (net after sponsors)	10,000 (net after sponsors)
Jane's Walk Publicity	1,000	705	1,000
Bike Rack Service	1,000	-	1,000
Research and Innovations	6,500	3900 – Bike Helmet and Bike Repair 150 – Mt Joy School Pilot 5,000 – AT School Pilot	3,000 – AT School Pilot 5,250 - Other
Outreach and Events (tent, banners)	3,000	280	-
Education			
Update & print Markham Cycling & Trails Map	2,000	-	3,000
Attend Learning Opportunities (Workshop)	1,000	1,070	1,000
CPAC Meeting Expenses	500	750	750
TOTAL	25,000	22,780	25,000

THANK YOU!
QUESTIONS?