



Cycling and Pedestrian Advisory Committee (CPAC)

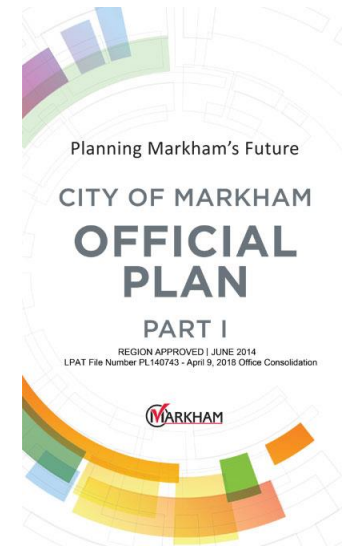
2019 Achievements & 2020 Business Plan

Submitted to
Development Services Committee
May 11, 2020



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...”





Advisory Committee Mandate

Mandate: “Represent interests of cyclists and pedestrians in Markham, focusing on their needs and priorities, providing advice and support to the City on infrastructure, education/outreach and research, and bring these interests to attention of appropriate staff, department or standing committee of Council”

Membership – 21 members, supported by staff from Engineering

- Currently 15 citizens, 3 agencies, 3 Councillors
- Chair: David Rawcliffe, Vice Chairs: Peter Miasek, Steve Glassman

Monthly meetings open to public



1. 2019 ACTIVE TRANSPORTATION (AT) ACHIEVEMENTS*

- 1.1 Engineering
- 1.2 Encouragement
- 1.3 Education
- 1.4 Evaluation

* “State of Nation”, as achieved by entire team – Staff of many City and Region departments + CPAC members (citizens, councillors, agencies). Thank you to all!



1. 2019 ACHIEVEMENTS (details in App.)

1.1 Engineering

Major Active Transportation Projects:

- Rouge Valley Trail
- Lake to Lake MUP
- John Street MUP
- Markham Centre Trails
- Arterial Road EAs – advocating for separated sidewalk + cycle track, instead of MUPs, where room permits.
- South York Greenway Pedestrian and Cycling Corridor (407 Hydro Corridor) concept plan

Filling Pedestrian and Cycling Network Gaps

- Arterial & Collector Road Sidewalk Completion Program
- Small identified gaps – input to Active Transportation Master Plan.
- Edgelines with cycling signage.





1. 2019 ACHIEVEMENTS (details in App.)

1.1 Engineering (Continued):

Pedestrian and Cycling Network Enhancements

- Flexible posts pilot along Highway 7 bike lanes
- Pedestrian and Cycling Planning and Design Guidelines (York Region) - Completed.
- Wayfinding Strategy (York Region) – Close to finalizing
- Markham Rd. Cross-Ride Detailed Design - Completed
- Winter Trail Maintenance Pilot

Markham Active Transportation Master Plan

- Extensive public consultation. Study to be finalized by Q3 2020.





1. 2019 ACHIEVEMENTS (details in App.)

1.1 Engineering (Continued):

Vulnerable User Road Safety

YORK REGION

- Pilot test underway on new safety operational measures at intersections, including at Yonge/Clark
- Study of intersections along McCowan Road and speed limit on Highway 7
- Automated Speed Enforcement - 2-year pilot to begin in 2020, including one Markham site.
- E-scooters – working with municipalities to promote consistent approach

CITY OF MARKHAM

- Markham - Information Memo to Council on “Road Safety in Markham” in March 2019. A traffic safety audit of City’s road network to be completed by Q2 2020.
- Reviewed areas with pedestrian concerns with City Staff
- Signalization - CPAC reviewing 13 local intersections in Markham where signalization is warranted.
- “Vision Zero” – CPAC endorsed the brand, due to universality



1. 2019 ACHIEVEMENTS (details in App.)

1.2 Encouragement:

- 12th annual Markham Cycling Day on Sept 22 at Markham Civic Centre
 - Aviva Canada title sponsor this year
 - Over 1000 participants + 400-600 parents and volunteers. Very positive feedback.
- Jane's Walks on May 4 & 5 with 56 attendees - Thornhill and Markham Village.
- 2 community bike rides in June and August, held in conjunction with local bike shop.
- Provided bike racks at Markham festivals
- Children's Festival (August 25)
- Bike to Work Day (May 29), Bike to School Week (May 28-June 2), Bike Month (June)
- Park People's "Walk in Park" program
- Bike-share feasibility study update to be completed Spring 2020 by York Region
 - Step-out from concept initially proposed by an interested vendor to Markham in 2017



Markham Cycling Day 2019





1. 2019 ACHIEVEMENTS (details in App.)

1.2 Encouragement (Continued):

Active School Travel

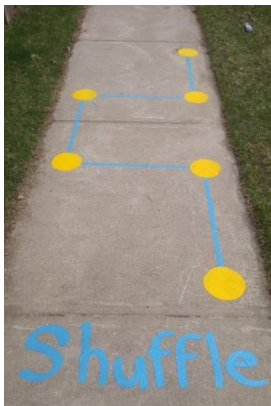
- School Boards, local school staff, parents, students, City Staff and CPAC initiated an elementary school pilot to encourage students walking and cycling to/from schools.
- \$86 K Funding - Province of Ontario (\$60K) through Green Communities Canada, + School Boards (\$9K), York Region (\$9K) and City of Markham (\$8K over 3 years from CPAC funds. FYI- \$2K spent to date)
- May 2019 to end 2020. 9 participating elementary schools in Markham
- 6 tiers of intervention, including marketing, classroom competition, wayfinding signage, sidewalk and pavement markings, new signage, closing Kiss and Ride, and monthly survey data collection.



1. 2019 ACHIEVEMENTS

1.2 Encouragement (Continued):

Active School Travel





1. 2019 ACHIEVEMENTS (details in App.)

1.2 Encouragement (Continued):

Markham Cycles Community Bike Hub

- Objective: to create welcoming space and incubate a cycling culture in a suburban environment
- \$255K funding from Climate Action Fund (Federal Grant) & in-kind contribution from Markham and YRDSB.
- Milliken Mills Community Centre. Officially launched in July 2019. Managed by The Centre for Active Transportation (TCAT).
- Activities include bike training repair workshop, weekly group rides, bike mentorship, bike loan via Markham Library Lendery program.
- Trained student ambassadors at Milliken Mills HS to offer Bike Rodeos at elementary schools
- Metrics – over 700 residents and youth engaged, 350 bicycles repaired or loaned in 3 months. Workshops continued in winter months.
- Funding expired in March 2020. Fund-raising underway
 - \$30K commitment from York Region and \$22K from City of Markham (pending)
 - Grant Applications: Trillium, MESF. Seek other public/private opportunities.





1. 2019 ACHIEVEMENTS

1.2 Encouragement (Continued):

Markham Cycles Community Bike Hub





1. 2019 AT ACHIEVEMENTS

1.3 Education:

Markham's Walking and Cycling Website - Completed

- Cycling Maps
- Cycling Safety and Transit
- Walking Safety
- Master Plans and Studies (Markham + York Region)
- City Projects and Initiatives
- News and Events

Markham's Sidewalk Completion Program Website – Completed

- Program Overview
- Community and Health Benefits
- Construction Program and Project Status
- Related Resources and Ongoing Projects
- FAQ

York Region's Cycling Website - Maintain

- Pedestrian and Cycling Planning and Design Guidelines
- Cycling Maps and Trail Guide
- Cycling Education and Resources, including left turn Bike Boxes, Bike 'n' Bus
- Pedestrian and Cycling Partnership Program



1. 2019 AT ACHIEVEMENTS

1.4 Evaluation:

Growth - 2016 Transportation Tomorrow Survey shows that mode share for Active Travel during morning peak period continues to grow in Markham

- 9% of morning peak trips are walking/cycling in 2016 versus 6% in 2001

Vulnerable User Road Safety – counts of collisions available from road safety reports

- 90 Pedestrian and 60 Cyclist collisions per year in Markham, split roughly 50/50 between regional and local roads, based on CPAC analysis

Cycling Usage at Specific Locations - using fixed and mobile counters



2. 2020 PLAN

2.1 Engineering

2.2 Encouragement

2.3 Education

2.4 Evaluation



2. 2020 PLAN *(new vs. 2019 = italics)*

2.1 Engineering:

Funded projects

- Track progress on all major funded infrastructure projects as per 2019. New ones are:
 - *Rouge Valley Trail – Kennedy North Design – Project 20042*
 - *Markham Centre Trails – Construction of Birchmount to Warden segment*

Gaps - Continue to prioritize and fill gaps as per 2019

- Sidewalk completion program

Enhancements - Work on enhancements to current network

- Flexible posts on Highway 7 bike lane – next steps
- *Unionville Main St. /Highway 7 Connection under bridge – for further review*
- *Winter Trail Maintenance*

Master Plan - Provide input into finalization of Active Transportation Master Plan

Vulnerable Users Road Safety - *Provide input into follow up plans from Road Safety reports (Markham and York)*

York Region Road EAs – Continue to provide feedback



2. 2020 PLAN *(new vs. 2019 = italics)*

2.2. Encouragement:

- Markham Cycling Day – September 13, 2020. **CANCELLED DUE TO COVID-19. MOVE TO JUNE, 2021. EXPLORE SMALL-SCALE LOW-COST COMMUNITY RIDES IN FALL, 2019.**
- Jane's Walks - 4 locations in May, 2020 – Rouge Valley Trail, Thornhill, Heritage Estates, Cornell – **CANCELLED DUE TO COVID-19**
- Bike Racks at festivals **CANCELLED**
- Other outreach
- Active School Travel – Complete pilot study and decide next steps
- Markham Cycles Community Bike Hub – maintain & grow operations
- *Bike Share - Review results of feasibility study for Markham and decide next steps*
- *Work with York Region to set up a "Bike Racks for Schools" program*
- *Follow York Region study of e-scooter regulations*



2. 2020 PLAN (new vs. 2019 = *italics*)

2.3 Education:

- Markham Walking/Cycling and Sidewalk Completion websites – update & maintain
- *Markham Trail and Cycling Map – update and print by Q2 2020*

2.4 Evaluation:

- Continue existing programs



2020 CPAC WORKPLAN COSTS

	<u>2019 Approved Plan, \$</u>	<u>2019 Actual, \$</u>	<u>2020 Plan, \$</u>
Encouragement			
Markham Cycling Day	10,000 (net after sponsors)	11,580	11,000–1,000 (net after sponsors)
Jane's Walk Publicity	1,000	750	1,000
Bike Rack Service	1,000	-	-
Research and Innovations	3,000 – AT School Pilot 5,250 - Other	3000 – AT School Pilot 500 – AST Banners 100 – Community Bike Ride 600 – Markham Cycles Launch	3,000 – School Pilot 2020 7,000 – Markham Cycles 1,200 - Other
Education			
Update & print Markham Cycling & Trails Map	3,000	3,000 (TBC)	-
Attend Conferences and Workshops	1,000	-	1,000
CPAC Meeting Expenses	750	830	750 300
TOTAL	25,000	20,360	25,000 12,500



THANK YOU!
QUESTIONS?



APPENDIX

Details on 2019 Achievements



1. 2019 ACHIEVEMENTS

1.1 Engineering:

Major Active Transportation Projects:

- Rouge Valley Trail
 - COMPLETED: Drakefield Road to Markham Road to Tuclor Lane. UNDER CONSTRUCTION: 14th Ave to Treeline Court.
 - PLANNING: Treeline Court to Bob Hunter Park. Draft wayfinding signage plan under review. Portions are fully accessible.
- York Region's Lake to Lake MUP (Hwy 7 to German Mills Park) – Construction completed, except for areas near planned VIVA curbside stations. Being monitored by CPAC.
- John Street MUP (Bayview Ave. to Rodick Road) – Detailed design completed. Construction planned for 2020.
- Markham Centre Trails – Birchmount Road to Warden Ave under detailed design. Remaining section under EA Review in 2020.
- York Region Road EAs (Bayview Ave, 16th Ave, Kennedy Road, McCowan Road) – CPAC advocates separated sidewalk and cycle track, instead of MUPs.
- South York Greenway Pedestrian and Cycling Corridor (hydro corridor near Hwy 407) concept study to be undertaken by York Region.

Filling Pedestrian and Cycling Network Gaps

- Arterial & Collector Road Sidewalk Completion Program – 108km of sidewalk gap identified: 65km will be programmed for construction and 21km to be constructed through development.
- Small trail, pedestrian connections or cycling gap project ideas provided as part of Active Transportation Master Plan.
- Edgelines on local roads now have cycling signage.





1. 2019 ACHIEVEMENTS

1.1 Engineering (Continued):

Pedestrian and Cycling Network Enhancements

- York Region's flexible posts pilot of 1km protected bike lane along Highway 7 (Town Centre Blvd. to Montgomery Court). York Region to determine pilot next step.
- York Region's Pedestrian and Cycling Planning and Design Guidelines - Completed
- York Region's Wayfinding Strategy – Close to finalizing.
- Markham Rd. Cross-Ride Detailed Design - completed. Potential implementation along Markham Road MUP in 2021 subject to funding approval.
- Winter Trail Maintenance Pilot as per direction of Council. Markham staff to investigate opportunities

Markham Active Transportation Master Plan

- Extensive public consultation conducted in Spring and Fall 2019, including a dedicated CPAC workshop. Study to be finalized by Q3 2020.





1. 2019 ACHIEVEMENTS

1.1 Engineering (Continued):

Vulnerable User Road Safety

YORK REGION

- York Region - 2019 Annual Collision Statistics Report (October 2019)
 - Pilot test underway on new pedestrian and cyclist safety operational measures, including at Yonge/Clark
 - Also conducting intersection study on McCowan Road and speed limit study on Hwy 7 at CPAC request
- Automated Speed Enforcement - York Region's 2-year pilot to begin in 2020, including one Markham site.
- E-scooters – York working with local and neighbouring municipalities to promote consistent approach

CITY OF MARKHAM

- Markham - Information Memo to Council on “Road Safety in Markham” in March 2019. A traffic safety audit of City's road network to be completed by Q2 2020.
- Reviewed areas with pedestrian concerns with City Staff (i.e. Enterprise Blvd & Bill Crothers).
- Signalization - CPAC reviewing 13 local intersections in Markham where signalization is warranted.
- “Vision Zero” – CPAC endorsed the brand, due to universality, and continues to monitor progress in other GTA municipalities.



1. 2019 ACHIEVEMENTS

1.2 Encouragement:

- 12th annual Markham Cycling Day on Sept 22 at Markham Civic Centre
 - Aviva Canada as the title sponsor this year
 - Children races (age 3-10), Tour de Markham with 3 community rides including family-friendly 10km ride; food + give-aways + prizes + entertainment + games + vendors/exhibitors
 - Over 1000 participants + 400-600 parents and volunteers. Very positive feedback.
- Organized Jane's Walks on May 4 & 5 with 56 attendees - Thornhill and Markham Village.
- Supported 2 community bike rides in June and August, held in conjunction with local bike shop.
- Provided Bike racks at Markham festivals (Operations supported) – Unionville Festival, Markham Village Music Festival, Canada Day
- Participated in outreach - Children's Festival (August 25)
- York Region participated in Bike to Work Day (May 29), Bike to School Week (May 28-June 2), Bike Month (June) and sponsored Markham Cycling Day
- Park People's "Walk in Park" program started in October, offers free training to seniors to lead walking groups and event in Markham
- Bike-share feasibility study update to be completed Spring 2020 by York Region
 - Step-out from concept initially proposed by an interested vendor to Markham in 2017



1. 2019 ACHIEVEMENTS

1.2 Encouragement (Continued):

Active School Travel

- School Boards with support from local school staff, parents, students, City Staff and CPAC initiated an elementary school pilot to encourage students walking and cycling to/from schools.
- \$86 K Funding - Province of Ontario (\$60K) through Green Communities Canada, with additional funding from School Boards (\$9K), York Region (\$9K) and City of Markham (\$8K over 3 years from CPAC funding. FYI \$2K spent to date)
- Pilot runs from May 2019 to end 2020. Currently 9 participating elementary schools in Markham – 7 Public Schools & 2 Catholic Schools.
- Pilot Program is 6 tiers of intervention, including marketing, classroom competition, wayfinding signage, various sidewalk and pavement markings, new signage, closing Kiss and Ride, and monthly survey data collection.



1. 2019 ACHIEVEMENTS

1.2 Encouragement (Continued):

Markham Cycles Community Bike Hub

- Objective: to create welcoming space where people can learn more about cycling, meet others who cycle and cycle together; incubate a cycling culture in a suburban environment
- \$255K funding from Climate Action Fund (Federal Grant) & in-kind contribution from Markham and YRDSB.
- Situated at Milliken Mills Community Centre, it was officially launched in July 2019. The project is managed by The Centre for Active Transportation (TCAT). CPAC and City staff sit on the steering committee.
- Activities include bike training (learn how to ride, cycling to commute, safety training), repair workshop, weekly group rides, bike mentorship, bike loan via Markham Library Lendery program.
- Trained student ambassadors at Milliken Mills HS to offer Bike Rodeos at elementary schools
- Metrics – over 700 residents and youth engaged, 350 bicycles repaired or loaned in 3 months. Workshops continued in winter months.
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