



Building Markham's Future Together
Journey to Excellence

Cycling and Pedestrian Advisory Committee (CPAC)

2014 Review/2015 Business Plan

PRESENTATION TO

DEVELOPMENT SERVICES COMMITTEE

March 24, 2015



SILVER RECIPIENT 2010
ORGANIZATIONAL QUALITY
& HEALTHY WORKPLACE

CPAC OVERVIEW

- 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 – up to 20 members, supported by staff from Engineering
 - Currently 13 citizens, 5 agencies, 2 councillors
 - Chair: David Rawcliffe, Vice Chair: Peter Miasek
- Monthly meetings open to public





Building Markham's Future Together
Journey to Excellence

1. 2014 CPAC ACHIEVEMENTS

1.1 Infrastructure Support

1.2 Education and Outreach

1.3 Research and New Directions

1.4 Performance Metrics



3



SILVER RECIPIENT 2010
ORGANIZATIONAL QUALITY
& HEALTHY WORKPLACE

1. 2014 CPAC ACHIEVEMENTS

1.1 Infrastructure Support:

- Reviewed numerous specific EA's or designs for suitability of cycling and pedestrian facilities:
 - Highway 7 (Town Centre-Sciberras) – cycle track
 - Church St. (9th to Bur Oak) – cycle track
 - Rodick Road (14th to Miller) - MUPs
 - 404 Flyover (N. of 16th) – cycle track
 - 9th Line (Maj. Mac. to Stouffville) – paved shoulder with rumble strip
 - Yorktech Extension - tbd
 - Markham MUP (16th to Bob Hunter Park) – off-road MUP



1. 2014 CPAC ACHIEVEMENTS

1.1 Infrastructure Support (cont'd):

- New working group set up to identify and advocate for filling gaps in cycling network
 - List of 17 gaps, many of which could be filled with edge lines
- Reviewed recommended signage and pavement markings for MUPs
 - Pilot test implementation - Woodbine Bypass MUP, Spring, 2015
- Initiated review of surface type for MUPs along road rights-of-way and Cycle Tracks (concrete vs. asphalt)
- Initiated review of catch basin design on cycling routes
 - Spring maintenance cleanup will identify the number of non- “bike friendly” catch basins



1. 2014 CPAC ACHIEVEMENTS

1.2 Education and Outreach:

- 7th annual Markham GIRO –successful. Second year at new venue (Honda) – 364 participants, up 6% from 2013.
- 4rd year of Bicycle Valets at festivals. 5 events –Unionville, Taste of Asia, Markham, Canada Day, Thornhill. Total of 349 users, up 65% over 2013.
 - Cost sharing with Canada Day committee
- Adult bike clinics (2nd year) – 45 participants
- Conducted cycling classes at two schools – Unionville PS, St. Patrick's Catholic PS
- Prepared first draft of updated Cycling Map



1. 2014 CPAC ACHIEVEMENTS

1.3 Research and New Directions:

- Conducted first-ever Jane's Walks (3) in Markham, Thornhill and Unionville
 - May 3 and 4, 70 participants
- Conducting first-ever Walkability Audits (5 locations)
- Scoped a Tour de Markham bicycle tour for 2015
 - 10, 20 and 30 km routes. September, 2015
- Participated in conferences and workshops to gain new ideas
 - Complete Streets Forum, October
 - York Region Bike Summit, November
 - Ontario Traffic Manual Book 18 (Cycling) Training, December
- Initiated a discussion to explore concept of Cycling on Sidewalks in selected circumstances



1. 2014 CPAC ACHIEVEMENTS

1.4 Performance Metrics

- A major effort initiated by CPAC in 2013 to measure our progress. “What gets measured can be improved”
- Now 2 years of reasonably complete data (more years for some metrics)
- 29 metrics in categories of
 - Infrastructure - cycling and pedestrian
 - Education/awareness
 - Usage
 - Injuries and Fatalities – cycling and pedestrian



No	Parameter	2014	2013	2012	2011
	Infrastructure - Cycling & Pedestrian				
	Kms of shared road ways signed bike route	110.256	106.6km	N/A	N/A
1					
2	Km of bike lanes	44.613	33.05km	N/A	N/A
3	Km of boulevard MUP	26.779	16.36km	N/A	N/A
4	Km of cycle tracks	0.7146	0km	N/A	N/A
5	Km of paved shoulders	17.5	16.5km	N/A	N/A
	Number of bicycle parking spots at key destinations	1251	1226	N/A	N/A
6					
7	Number of bicycle-oriented businesses	8	9	N/A	N/A
8	Km of trails and pathways (off road)	34.1	32km	N/A	N/A
	Km of new sidewalk infilled during year (gap filling)	10	10km	N/A	N/A
9					
	Number of public benches and bike racks installed during year	5 ? (Still verifying data)	N/A	N/A	N/A
10					
	Education/Awareness				
	Number of elementary schools with some sort of bicycle or walking program	n/a (CAN-BIKE) n/a (Helmut) n/a (ASRTS) n/a (Walk)	1 (CAN-BIKE) 3 (Helmut) 8 (ASRTS) 18 (Walk)	3 (CAN-BIKE) 3 (Helmut) 12 (ASRTS) 8 (Walk)	4 (CAN-BIKE) n/a (Helmut) n/a (ASRTS) n/a (Walk)
11					
	Number of attendees at City cycling education program	check Fion's files	40	N/A	N/A
12					
	Number of hits on Markham Cycling Map	4194	N/A	N/A	N/A
13					
	Number of hits on Markham Parks and Pathways Map	3892 (as of Feb. 2014)	N/A	N/A	N/A
14					
	Number of cycling maps (paper) distributed by Markham and York	???	3050	N/A	N/A
15					



	Usage	
	<u>Number of users of Bike racks at key locations above</u>	* 46.62% Peak Usage (VIVA data not available)
16		
17	Number of users of Bike Valet	349
18	Number of participants at Giro	413
19	Number of cyclists on Bike to Work Day	140
	<u>Number of daily cyclists at specific locations</u>	
20		N/A
	Number of daily pedestrians at specific locations	N/A
21		
	Estimated number of cyclists in organized clubs riding through Markham (a surrogate for our attractiveness)	4226
22		
23	User Survey	N/A
	Other	
	Number of cycling non-fatal Injury (regional roads only)	Not available yet (March 2015)
24		
	Number of cycling fatal injury (regional roads only)	Not available yet (March 2015)
25		
	Number of pedestrian non-fatal Injury (regional roads only)	Not available yet (March 2015)
26		
	Number of pedestrian fatal Injury (regional roads only)	Not available yet (March 2015)
27		
28	Population of Markham (Stats Canada)	n/a
29	Infrastructure Gaps	0

1. 2014 CPAC ACHIEVEMENTS

1.4 Performance Metrics - Observations and Conclusions

- Infrastructure
 - Modest growth in km cycling facilities 2013 to 2014
 - Gap filling needs higher priority (cycling and pedestrian)
- Education/Awareness
 - Insufficient data at this time for conclusions
- Usage
 - Key programs (Giro, Valet) showing solid growth
 - Peak bicycle usage at some locations > 100% of capacity. More investment needed
- Injuries/Fatalities
 - Pedestrian and cycling injuries increasing steadily over past 10 years. Totalled 111 in 2013 (72% pedestrian)



11



Building Markham's Future Together
Journey to Excellence

2. 2015 PLAN

2.1 Engineering

2.2 Encouragement

2.3 Education

2.4 Enforcement (no items)

2.5 Evaluation

2015 Budget



12



SILVER RECIPIENT 2010
ORGANIZATIONAL QUALITY
& HEALTHY WORKPLACE

2. 2015 PLAN

2.1 Engineering

- Review Community Master Plans and Secondary Plans as they are developed, (e.g. Markham Centre, Langstaff, Buttonville, Future Urban Area)
- Review Project-specific EA's and designs (e.g. Milliken and Thornhill MUP's, 16th to Bob Hunter MUP Phase 2/3, Regional EA's on arterial road widenings, Yonge/Steeles corridor)
- Review cycling/pedestrian network gap lists and advocate for resolution
- Review results of MUP signage pilot and move forward on other MUPs



2. 2015 PLAN

2.1 Engineering(Cont'd)

- Respond to results of Walkability Audits
- Review Catch Basin survey and determine next steps
- Review MUP surface issue and determine preferred surface
- Explore “Cycling on Sidewalk” initiative
- Input into York Region Transportation Master Plan update (cycling and pedestrian aspects)



2. 2015 PLAN

2.2 Encouragement

- Conduct 8th annual Giro and inaugural Tour de Markham in a combined event called "Markham Cycling Day"
 - September 27, 2015, centred at Pan Am Centre, 1000 participants visiting City points of interest
 - Request Council endorsement of support from Corporate Communications and Community Engagement similar to "Gala for Giving" event
 - Working on sponsorship package to defray costs
- Offer Bike Valet service at 5 festivals
 - Unionville, Taste of Asia, Markham, Canada Day, Thornhill
 - Cost share with Canada Day Committee and Vaughan
- Offer Jane's Walks at 3 locations
 - Markham, Thornhill, Unionville



2. 2015 PLAN

2.3 Education

- Finalize new Cycling Map
- Conduct Adult Cycling Classes and Clinics
- Offer Cycling Classes to Elementary Schools
- CPAC members to continue to participate in conferences and workshops to gain new ideas



2. 2015 PLAN

2.4 Evaluation

- Continue Performance Metrics Program as per 2013/2014
- Conduct additional Walkability Audits (assuming 2014 program successful and external funds available)
- Apply for awards as appropriate from *Walk Friendly Ontario* and *Share the Road Cycling Coalition*
- Review data on pedestrian collisions and recommend actions





Building Markham's Future Together
Journey to **Excellence**

2015 BUDGET

	<u>2014 Budget, \$</u>	<u>2014 Actual, \$</u>	<u>2015 Budget, \$</u>
<u>Engineering</u>			*
<u>Encouragement</u>			
Markham Giro	10,000	7,900 (net after sponsors)	10,000 (Cycle Day – net after sponsors)
Bicycle Valet	5,000	6,000 (net after cost sharing)	6,500 (net after cost sharing)
Research and New Directions	3,500		-
<u>Education</u>			
Conduct Cycling Training at Schools	2,000	4,000	4,000
Conduct Adult Bike Clinics	1,500	920	1,000
Update Markham Cycling Map	3,000	nil	3,000
Attend Conferences and Workshops		250	500
TOTAL	25,000	19,070	25,000
Conduct Walkability Audits (funds from Healthy York)	10,000	10,000	TBD



Building Markham's Future Together
Journey to Excellence

THANK YOU!

QUESTIONS?



19



SILVER RECIPIENT 2010
ORGANIZATIONAL QUALITY
& HEALTHY WORKPLACE