



INFORMATION REPORT

TO:	Chair and Members Public Works Committee
COMMITTEE DATE:	January 13, 2020
SUBJECT/REPORT NO:	Cycling Infrastructure 2020 (PED20021) (City Wide) (Outstanding Business List Item)
WARD(S) AFFECTED:	City Wide
PREPARED BY:	Daryl Bender (905) 546-2424 Ext. 2066
SUBMITTED BY:	Brian Hollingworth Director, Transportation Planning and Parking Planning and Economic Development Department
SIGNATURE:	

COUNCIL DIRECTION

At the November 29, 2019 General Issues Committee Budget meeting a motion was passed that staff be directed to summarize the consolidated cycling infrastructure and report back to the Public Works Committee with that information.

INFORMATION

The City of Hamilton has a Cycling Master Plan that is part of the Transportation Master Plan, approved by Council in 2018, which identifies a program of cycling infrastructure to implement.

The cycling projects planned to be installed in 2020 include some projects that were planned for installation in 2019, which have been delayed due to refining detail designs and opportunities to coordinate with other projects. Accordingly, these projects have been deferred to 2020 for installation. Some projects are a part of larger roadway projects (e.g. resurfacing and reconstruction) and others are “stand-alone” projects with approved Ontario Municipal Commuter Cycling (OMCC) Provincial funding that was awarded to the City in 2018. The OMCC projects must be completed by December 2020 in order to receive the Provincial funds. The funds provided by the Province total \$3.7 M and require matching funds of \$927 K from the City; totalling \$4.6 M in cycling investment in Hamilton.

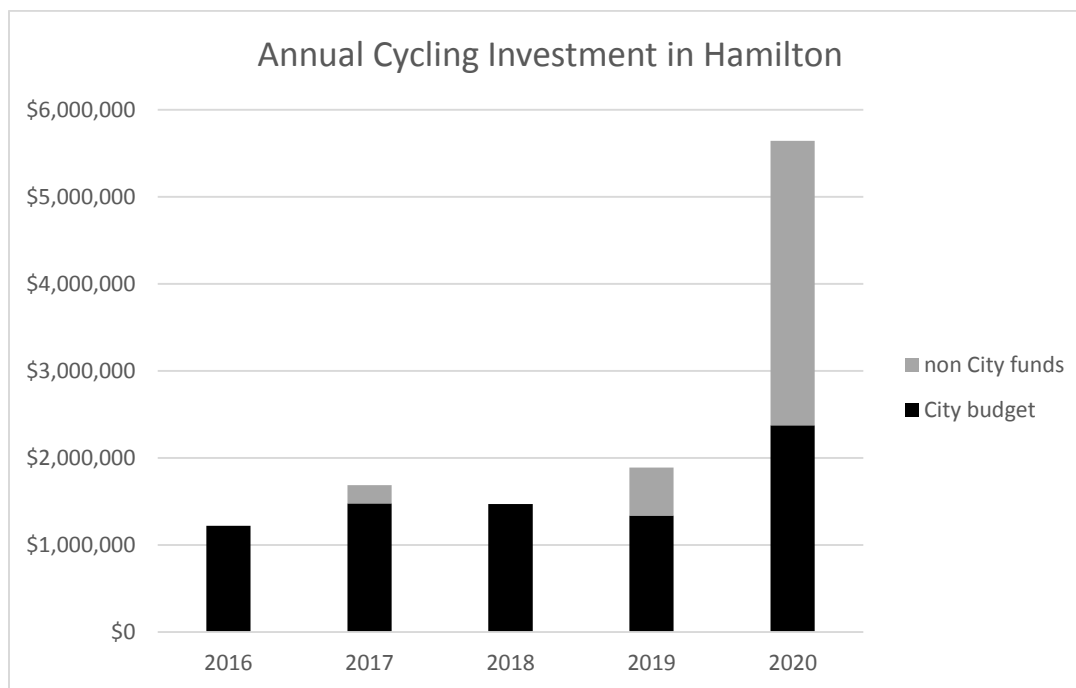
OUR Vision: To be the best place to raise a child and age successfully.

OUR Mission: To provide high quality cost conscious public services that contribute to a healthy, safe and prosperous community, in a sustainable manner.

OUR Culture: Collective Ownership, Steadfast Integrity, Courageous Change, Sensational Service, Engaged Empowered Employees.

The 2020 Capital Budget was discussed by the Hamilton Cycling Committee at their December 4, 2019 meeting and City staff informed the committee members that a report describing the allocation of funds for cycling initiatives was being prepared. The following graph shows cycling investment in Hamilton in the past four years, plus the planned investment for 2020 based on approved capital projects.

Graph 1: Annual Cycling Investment in Hamilton 2016 - 2019



All values include construction costs, but not all design costs, and includes both multi-use trail projects and on-street infrastructure. For multi-use trails, 50% of the cost is assumed as a cycling cost (the other 50% recognized as a pedestrian facility cost). Investment in traffic calming is also recognized as supportive of cycling, but has not been included in these costs.

The 2020 Capital Budget includes \$2.4 M for cycling investment including implementation costs and studies. The total estimated installation cost of all 2020 projects is \$5.6 M, which includes \$4.46 M for route infrastructure and \$1.18 M for Bike Share enhancements. The planned cycling infrastructure includes \$4.2 M sourced from OMCC funds, \$1.7 M from the 2020 Capital Budget and \$345 K allocated in previous budgets. The City has also applied for the Investing in Canada's Infrastructure Program (ICIP) funding, and one component of the submission is for \$10 M for active transportation spread over the period from 2020 to 2026. Subject to ICIP grant approval, the City has allocated \$240 K (net) in the 2020 budget as matching funds for additional cycling infrastructure. An itemized list of all planned 2020 projects is included in Table 1 (excluding ICIP projects).

As these projects continue to proceed through the implementation process, consultation with the affected Ward Councillors will occur to communicate impacts and to facilitate community engagement.

Table 1: Planned Cycling Investment in Hamilton in 2020

Ward	Project	Limits of Project	Description	Cost Estimate
City of Hamilton Funding Exclusively				
1	Sterling Street	Existing bicycle lanes	Street resurfacing	\$45,000
1 & 2	York Blvd/ Cannon Street	Dundurn Street to Hess Street to James Street	Street resurfacing and modified bicycle lanes (including barrier separation)	\$200,000
1 & 2	Queen Street	at Hunter Street	Cycling connection	\$50,000
1 & 2	Queen Street	at Napier Street	Cycling connection	\$75,000
2 & 3	Bay Street South, Delaware Avenue, and Maplewood Avenue	Various segments	Enhancement of the existing bicycle lanes with additional buffer design	\$30,000
3	Cannon Street East	Sherman Avenue to Lottridge Street	Conventional bicycle lanes	\$40,000
3	Victoria Avenue North	Burlington Street to Ferrie Street East	Conventional bicycle lanes as part of two-way conversion	\$25,000
4	Melvin Avenue	Walter Avenue North to Woodward Avenue	Conventional bicycle lanes as part of street rehabilitation	\$20,000
4	Pipeline Trail	Brampton Street to Glow Avenue	Multi-use trail	\$304,000
5	Beach Boulevard	Eastport Drive to Woodward Avenue	Conventional bicycle lane	\$50,000
7 & 8	Mountain Brow Path	Beside Mountain Park Avenue	Multi-use trail rehabilitation	\$325,000
11	East Mountain Trail Loop	at Upper Red Hill Parkway	Multi-use trail	\$75,000
11	Heritage Green Sports Park	East-West connection	Multi-use trail	\$70,000

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Ward	Project	Limits of Project	Description	Cost Estimate
11	Terryberry Road/ Dalglish Trail	Rymal Road to Regional Road 56	Conventional bicycle lanes north of Bellagio Avenue & multi-use path south of Bellagio Avenue	\$40,000
13	Highway 8	Park Avenue (Greenville) to the base of the escarpment	Paved shoulders in various segments	\$100,000
City and Provincial OMCC Funded Projects				
1, 2, 3, 4	Sobi	Network enhancement		\$1,180,000
2	Hunter Street	MacNab Street South to Catharine Street South	Cycle track (including barrier separation)	\$400,000
2	Charlton Avenue/ John Street	James Street to Ferguson Ave & one block of John Street to St Joseph's Drive	Bicycle lanes with some painted buffer	\$40,000
2, 3, 8, 14	Keddy Access Trail (Claremont Access)/West 5 th Street	Hunter Street East to Mohawk College	Multi-use trail and bicycle path	\$2,400,000
4 & 5	King Street East/ Lawrence Road	at Red Hill Valley Parkway interchange	Bicycle lanes (including some barrier separation)	\$250,000
5	Barton Street	Red Hill Valley Parkway to Centennial Parkway	Bicycle path	\$150,000
8 & 14	Limeridge Road West	Garth Street/ Bonaventure Drive to West 5th Street	Bicycle lanes with a painted buffer	\$50,000
13	Creighton Road/ Hatt Street	MacNab Street to Governor's Road	Conventional bicycle lanes	\$30,000
12	Stonehenge Drive	Full length	Conventional bicycle lanes	\$40,000
12	Kitty Murray Lane	Full length	Conventional bicycle lanes	\$40,000

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Ward	Project	Limits of Project	Description	Cost Estimate
City-wide	Bicycle racks	Bicycle parking and racks on the HSR fleet	Various locations	\$15,000
Bicycle Boulevards, Upgrades of Existing Facilities, & Studies				
1	Neighbourhood Greenways and Multi-modal Connections Feasibility Study		Bicycle Boulevard	\$125,000
City-wide	Bicycle Boulevards Program		Bicycle Boulevard installation and testing	\$130,000
City-wide	Upgrades to existing cycling infrastructure		Various as required	\$130,000
City-wide	Bike Share Expansion Planning		Bike Share design	\$50,000
1, 2, 3, 4	Bike Share and Micro-mobility City-wide Business Plan		Bikeshare and shared e-scooter systems	\$150,000

APPENDICES AND SCHEDULES ATTACHED

N/A

DB:cr