

Revised January 14, 2020

POST MEETING AGENDA

Mississauga Cycling Advisory Committee

Date: November 10, 2020

Time: 6:30 PM

Location: Online Video Conference

Members

Councillor Chris Fonseca

Anna Tran

Earl Close

Kris Hammel

Jeff Fleming

Laiq Siddiqui

Larry Lindsay

Paulina Pedziqiatr

Rosanna Chacko

Sunil Sharma

Suzanne Doyle

Prabh Banga

Robert Leuschner

Ward 3 (Chair)

Citizen Member

Citizen Member

Citizen Member

Citizen Member

Citizen Member

Citizen Member

Citizen Member

Citizen Member

Citizen Member (Vice-Chair)

Citizen Member

Citizen Member

1. CALL TO ORDER - 6:31PM
2. APPROVAL OF AGENDA
3. DECLARATION OF CONFLICT OF INTEREST
4. MINUTES OF PREVIOUS MEETING

4.1. Mississauga Cycling Advisory Committee minutes - October 13, 2020

5. PRESENTATIONS - Nil

6. DEPUTATIONS - Nil

7. PUBLIC QUESTION PERIOD

Glenn Voakes, Resident spoke to the the 2019-22 Business Plan, the number of KMs built by the end of 2020 and enquired about a list of projects location and the actual vs planned cost, the Active Transportation budget and a list of infrastructure and/or cycling improvement projects. Matthew Sweet, Manager, Active Transportation responded and spoke to budget reporting processes.

8. MATTERS TO BE CONSIDERED

- 8.1. Network and Technical Subcommittee Update (Suzanne Doyle, Citizen Member 5 minutes)
- 8.2. Communications and Promotions Subcommittee Update (Sunil Sharma, Citizen member 5 minutes)
- 8.3. Micromobility Update (Matthew Sweet, Active Transportation 5 minutes)
- 8.4. Quarterly Capital Program Update (Matthew Sweet, Manager, Active Transportation 10 minutes)
- 8.5. The Collegeway Cycling Infrastructure Implementation (Matthew Sweet, Manager Active Transportation 10 minutes)
- 8.6. Construction / Detour Planning Process (Matthew Sweet, Manager Active Transportation 10 minutes)
- 8.7. Active Transportation COVID-19 Recovery Framework – October Update (Matthew Sweet, Manager Active Transportation 10 minutes)
- 8.8. Cycling Master Plan 2019 Report Card (Matthew Sweet, Manager Active Transportation 5 minutes)
- 8.9. Ontario Bike Summit Update (Matthew Sweet, Manager, Active Transportation 5 minutes)

9. OTHER BUSINESS

10. DATE OF NEXT MEETING - December 8, 2020

11. ADJOURNMENT - 8:42PM (K. Hammel)

Mississauga Cycling Advisory Committee

Date: October 13, 2020
Time: 6:30 PM
Location: Online Video Conference

Members	Councillor Chris Fonseca	Ward 3 (Chair)
	Anna Tran	Citizen Member
	Earl Close	Citizen Member
	Kris Hammel	Citizen Member
	Jeff Fleming	Citizen Member
	Laiq Siddiqui	Citizen Member
	Larry Lindsay	Citizen Member
	Paulina Pedziqatr	Citizen Member
	Rosanna Chacko	Citizen Member
	Sunil Sharma	Citizen Member
	Suzanne Doyle	(Vice-Chair)
	Prabh Banga	Citizen Member
	Robert Leuschner	Citizen Member

Present Agency Representatives/City Staff

Neil Smith, Project Manager, Sustainable Transportation, Region of Peel

Matthew Sweet, Manager, Active Transportation

Raymond Lau, Project Manager – Engineering, Park Development

Megan Schabla, Communications Coordinator

Stephanie Smith, Legislative Coordinator

1. CALL TO ORDER - 6:30PM

2. APPROVAL OF AGENDA

Approved (S. Doyle)

3. DECLARATION OF CONFLICT OF INTEREST

3.1 J. Fleming - Christopher Hazlett, Chairman, Mississauga Mountain Biking Association and AJ Strawson, Mississauga Mountain Biking Association regarding the Mississauga Mountain Biking Association

Mr. Fleming works closely with the Mississauga Mountain Biking Association

4. MINUTES OF PREVIOUS MEETING

4.1 Mississauga Cycling Advisory Committee Minutes - September 15, 2020

Approved (L. Lindsay)

5. PRESENTATIONS - Nil

6. DEPUTATIONS

6.1 Christopher Hazlett, Chairman, Mississauga Mountain Biking Association and AJ Strawson, Mississauga Mountain Biking Association regarding the Mississauga Mountain Biking Association

J. Fleming declared a conflict on this item. (Mr. Fleming works closely with the Mississauga Mountain Biking Association)

Mr. Hazlett and Mr. Strawson provided an overview of the Mississauga Mountain Biking Association and spoke to their objectives and goals.

Members of the Committee enquired about the authority of off-road trails, the formalization of the group and the growth of recreational cycling.

Raymond Lau, Project Leader Engineering and Matthew Sweet, Manager, Active Transportation responded to questions and spoke to the Future Directions Master Plan and the process to formalize the group.

Direction was given for MMBA to work with staff on achieving their goals and objectives

Received (S. Doyle)

6.2 Erica Warsh, Project Leader, Vision Zero regarding Vision Zero

Ms. Warsh provided an overview of Vision Zero and future campaigns promoting Vision Zero.

Members of the Committee enquired about: engineering controls and the financial impact; stop gap measures; protecting the most vulnerable in a seasonal approach;

ensuring that cyclists will be safe on the roadways and the importance of driver and pedestrian education. Ms. Warsh responded to questions.

Received (L. Lindsay)

7. PUBLIC QUESTION PERIOD

The following Members of the Public spoke during Public Question Period:

- Nainesh Prajapati
- Glenn Voakes
- Dorothy Tomiuk
- Natalie Halff
- Jonathan Giggs
- Pauline Caballero
- Leonard Verway

Members of the Public asked questions related to: supporting the Mississauga Mountain Biking Association; item 8.4 and the performance index and the 5 year Cycling Master Plan; the Budget Committee and the 2021 road service presentation; and Vision Zero and right turn green arrow markings.

Matthew Sweet, Manager Active Transportation responded to questions related to the Cycling Master Plan and the timeline of the Budget Committee. Erica Warsh, Project Leader, Vision Zero responded to questions related to Vision Zero.

8. MATTERS TO BE CONSIDERED

8.1 Introduction of newly appointed Mississauga Cycling Advisory Committee members

Robert Leuschner and Prabh Banga did a brief introduction of themselves.

8.2 Network and Technical Subcommittee Update (Suzanne Doyle, Citizen Member 10 minutes)

Kris Hammel, Citizen Member spoke to the bike parking program and entering data into the database. Suzanne Doyle, Citizen Member spoke to the implementation of the bike parking program.

Received (J. Fleming)

8.3 Communications and Promotions Subcommittee Update (Sunil Sharma, Citizen member 10 minutes)

Mr. Sharma spoke to the procedure, accepting applications and the presentation of the Phil Green Award.

Members of the Committee engaged in discussion regarding timelines and the formalization of the award.

RECOMMENDATION MCAC-0022-2020

Moved By J. Fleming

That the Mississauga Cycling Advisory Committee start promoting the 2021 Phil Green Award in early April 2021, with a second promotional period in June 2021 and start accepting nominations in September 2021 with the award being presented in November 2021.

Approved

RECOMMENDATION MCAC-0023-2020

Moved By J. Fleming

That the Mississauga Cycling Advisory Committee start the promotion of the 2020 Phil Green Award until December 2020 and that the award be presented in early 2021.

Approved

8.4 Quarterly Capital Program Update (Matthew Sweet, Manager, Active Transportation 10 minutes)

This item was deferred to the November Mississauga Cycling Advisory Committee.

RECOMMENDATION MCAC-0024-2020

Moved By K. Hammel

That the following matters be deferred to the November 2020 Mississauga Cycling Advisory Committee meeting:

- Quarterly Capital Program Update
- The Collegeway Cycling Infrastructure Implementation
- Construction / Detour Planning Process
- Active Transportation COVID-19 Recovery Framework – October Update

Deferred

8.5 The Collegeway Cycling Infrastructure Implementation (Matthew Sweet, Manager Active Transportation 10 minutes)

This item was deferred to the November Mississauga Cycling Advisory Committee meeting.

8.6 Construction / Detour Planning Process (Matthew Sweet, Manager Active Transportation 10 minutes)

This item was deferred to the November Mississauga Cycling Advisory Committee meeting.

8.7 Active Transportation COVID-19 Recovery Framework – October Update (Matthew Sweet, Manager Active Transportation 10 minutes)

This item was deferred to the November Mississauga Cycling Advisory Committee meeting.

9. OTHER BUSINESS

Larry Lindsay, Citizen Member enquired about a Micromobility update. Matthew Sweet, Manager, Active Transportation noted that an update would be brought to the November meeting.

10. DATE OF NEXT MEETING - November 10, 2020

11. ADJOURNMENT - 9:10PM (S. Doyle)



E-scooters in Mississauga

Mississauga's Approach to Micromobility and
the Provincial E-scooter Pilot Program

An “E-Scooter” is...?



Micromobility is...?



Why Micromobility Systems in Mississauga

- Cycling Master Plan (2018)
 - The City should examine the feasibility of a bike sharing system for Mississauga
- Transportation Master Plan (2019)
 - City should develop a Micromobility policy framework to deal with not just bikes, but electric bikes and electric kick-style scooters (e-scooters)



Micromobility Research to Date

- Bikes, E bikes, and E Scooters: Expanding Mississauga's Transportation Options
 - Information Report and Presentation to General Committee, October 2019
- North American Bike Share Association (NABSA)
 - Conferences and Knowledge Base
- Ontario Traffic Council E-scooter Symposium
 - March 2020



Micromobility Program Development

- 3 Phase Project
- Phase 1: Visioning and Interim E-scooter Strategy - **We are Here**
- Phase 2: Shared Micromobility Systems Research and Recommendations
- Phase 3: Shared Micromobility Systems Implementation and Business Plan



Phase 1: Interim E-scooter Strategy

- Why an interim strategy?
- E-scooters are available for purchase by individuals
- Current bylaws do not explicitly address e-scooters
- The Province of Ontario launched a five-year pilot program allowing e-scooters to operate on roadways
- Municipalities must “opt-in” by adopting / amending local bylaws



Provincial Pilot Program

- What the Provincial Pilot does:
 - Focuses on the vehicle and operator
 - Regulates minimum vehicular safety requirements for e-scooters
 - Regulates minimum safety requirements for anyone riding/operating an e-scooter
 - Requires participating municipalities to remit incident/collision and injury-related data to the province upon request



Provincial Pilot Program

- Vehicle and Safety Requirements:
 - Must be electric
 - No pedals or seat allowed
 - Must have a horn or bell
 - Must have front and back light
 - Must have 2 wheels and brakes
 - Maximum wheel diameter 17 inches
 - Maximum weight 45 kg
 - Maximum power output 500W that can provide a maximum speed of 24 km/h
 - Must be parked in municipally approved parking area(s)



Provincial Pilot Program

- Operator and Safety Requirements:
 - No drugs or alcohol permitted when operating an e-scooter
 - Must be age 16 or older
 - Bicycle helmet required for those under age 18
 - Riders must stand at all times
 - No passengers allowed
 - No cargo may be carried
 - No baskets
 - Not for commercial use



Provincial Pilot Program

- What the Provincial Pilot does not do:
 - Give carte blanche to private companies to operate a shared service in municipalities (Lime, Bird etc)
 - Shared e-scooter service providers cannot operate within a municipality which has not yet adopted a local bylaw
 - Shared systems are the source of concerns such as improper parking, obstruction of public spaces, etc



Provincial Pilot Program

- What the Provincial Pilot does not do:
 - Stipulate where e-scooters must operate within municipalities
 - Local bylaws would stipulate
 - The Traffic Bylaw has definitions for what types of devices / vehicles can operate where within the road right-of-way (ie no bicycles on sidewalk with wheels over 50cm in diameter)



What's Happening Elsewhere

- Ottawa – E-Scooter Pilot enacted for personal use and private shared system providers, administered through a permit system
- Toronto – E-Scooter report sent back to staff for further investigation
- Windsor – E-Scooter report on hold



What's Happening Elsewhere

- Common elements of Ontario municipal initiatives to date (not all have been adopted by Councils):
 - No sidewalk operation permitted
 - Allowed on roads with posted speed limit of 50 km/h or less
 - Allowed on cycling infrastructure (bike lanes, trails)



City Process

- Aiming to report to General Committee in late 2020 on the vision and recommended interim bylaw regulating personal use e-scooters
- Intent: regulate personal use to the extent possible, and prevent private service providers from setting up in the City until the Micromobility project is complete



City Process

- Advisory Committee Consultations:
 - Accessibility Advisory Committee, Nov 9
 - Transportation Subcommittee, Oct 19
 - Road Safety Committee, Oct 27
 - Cycling Advisory Committee, Nov 10
- General Committee, TBD



Our ask from you:

- Do you support the approach to adopt an interim bylaw to regulate personal use e-scooters?
- Do you support allowing e-scooters on cycling infrastructure? Disallowing on sidewalks?
- How do you want to be involved moving forward?





Thank You

Matthew Sweet

Manager, Active Transportation

City of Mississauga

Memorandum



Date: 2020/09/10

To: Chair and Members of Mississauga Cycling Advisory Committee

From: Fred Sandoval, Active Transportation Coordinator, Active Transportation
Amy Parker, Active Transportation Technologist, Active Transportation

Meeting Date: 2020/09/15

Subject: 2020 Cycling Program Update

The City of Mississauga has an annual cycling program for the installation of cycling infrastructure by the Transportation and Works (T&W) department (along street rights-of-way) and the Community Services (CMS) department (outside of street rights-of-way). The Cycling Program is consistent with the 2018 Cycling Master Plan.

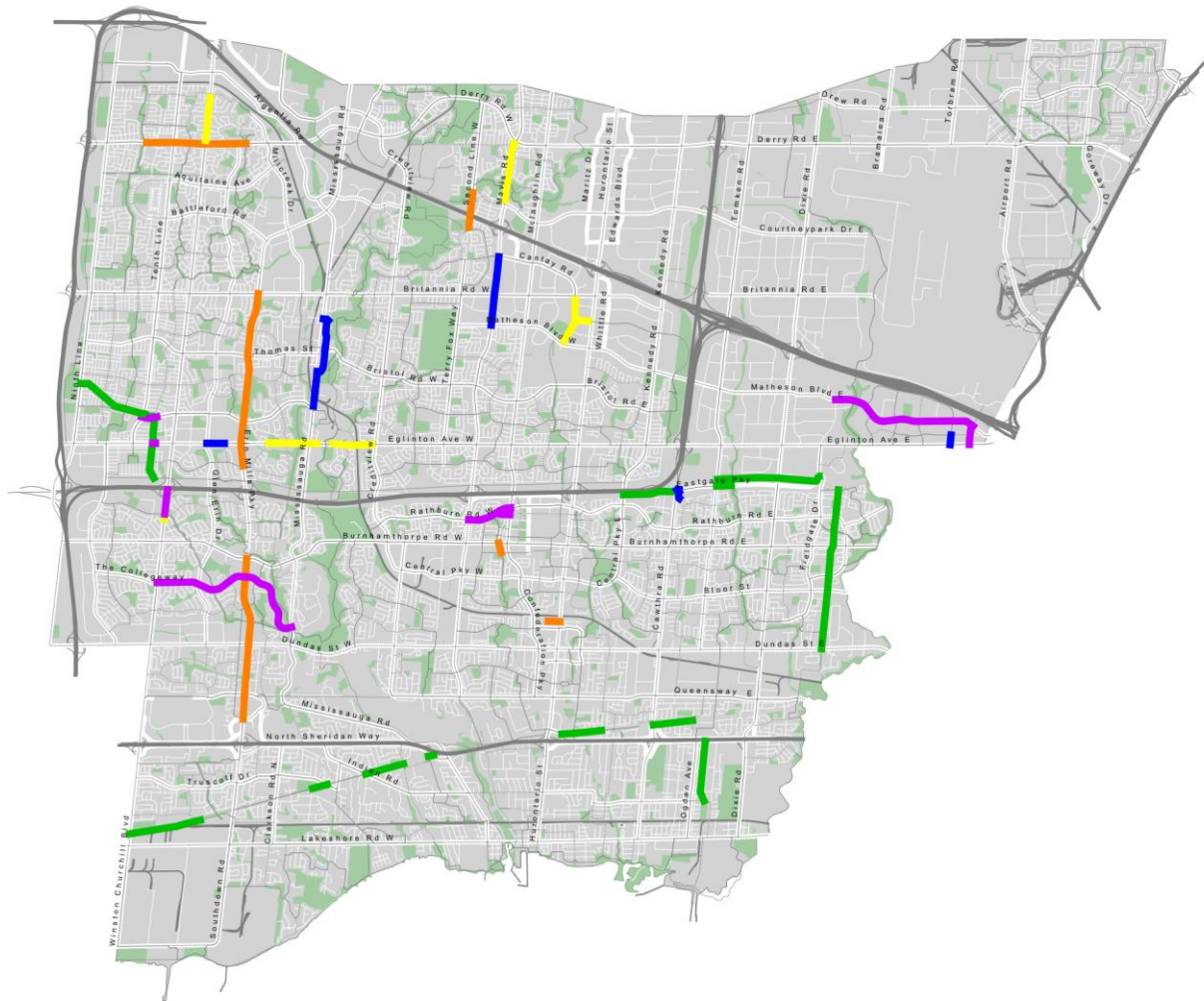
In 2019, the Transportation & Works department began implementing 5.6 km of cycling infrastructure, all of which are complete or substantially complete (pending installation of non-regulatory signage and surface marking).

In 2020, 4.2 km of cycling infrastructure is being implemented by the Transportation & Works department. An additional 1.7 km of cycling infrastructure was deferred to 2021. The Community Services department is implementing 6.2 km of off-road trails throughout the city. An additional 4.5 km of off-road trails was deferred or placed on hold. An additional 6.6 km of cycling infrastructure has been built or is currently under construction by the Region of Peel, Metrolinx, MTO, or private developers.

For 2021, the Transportation & Works department has 7.4 km of cycling infrastructure currently in design, planned for tender in early 2021.

Cycling infrastructure is being implemented with funding from the Ontario Municipal Commuter Cyclist (OMCC) program, as well as with ongoing funding from the City of Mississauga and Region of Peel.

Note that the nature and schedule of the projects listed here are subject to change in accordance with budget, engineering and construction constraints, public consultation and Council approval. All lengths are shown in kilometres, measured along the road centreline (except for off-road trails), from the centre of intersections. Actual paved surface length may differ.



Map 1: Cycling Infrastructure Programs (as of August 2020)

- 2019 T&W Cycling Program
- 2020 T&W Cycling Program
- 2021 T&W Cycling Program
- CMS Off-Road Trails Program
- Other Cycling Projects

2019 Cycling Infrastructure Program and Earlier Ongoing Projects

This section summarizes the City of Mississauga Cycling Infrastructure Program for 2019, implemented by the T&W Department.

Table 1 - Overview of the 2019 Cycling Program Facilities

Facility	Length Planned	Length Completed or Under Construction	Length Deferred or On Hold
New Multi-Use Trails	4.45	4.45	0
New Bicycle Lanes	1.30	0.56	0.74
New Shared Routes	0.27	0.27	0
Rehabilitated Bicycle Lanes	0.36	0.36	0
Total	6.38	5.64	0.74

Table 2 - 2019 Planned Bicycle Infrastructure Projects

Location	From	To	Length	Status
<i>Multi-Use Trails</i>				
Eglinton Avenue West	Credit Valley Road / Summersky Court	Credit River Bridge (west end)	1.14	Substantial Completion
Eglinton Avenue West	Barbertown Road	Creditview Road	0.67	Substantial Completion
Mavis Road	Derry Road West	Courtneypark Drive West	1.31	Complete
Old Derry Trail	Gablehurst Crescent / Haines Artist Way	Derry Road West / Mavis Road	0.12	Complete
Winston Churchill Boulevard	Bayberry Drive / Crosscurrent Drive	Derry Road West	1.03	Substantial Completion
Winston Churchill Boulevard	Unity Drive / Unity Gate	180 m south of Unity Drive / Unity Gate	0.18	Complete
<i>Bicycle Lanes</i>				
Avebury Road	Britannia Road West	Matheson Boulevard	0.56	Complete
<i>Shared Routes</i>				
Eglinton Avenue West	Credit River Bridge (east end)	Barbertown Road	0.27	Under Construction
Total			3.97	

Table 3 - 2019 Planned Rehabilitations

Location	From	To	Length	Status
<i>Bicycle Lanes</i>				
Aldridge Street	Avebury Road	Hurontario Street	0.36	Complete
Total			0.36	

Table 4 – 2019 Deferred Bicycle Infrastructure Projects

Location	From	To	Length	Status
<i>Bicycle Lanes</i>				
Living Arts Drive (road extension)	Centre View Drive	Rathburn Road West	0.22	Road extension on hold
Orbitor Drive	Explorer Drive	Matheson Boulevard East	0.52	On hold due to parking concerns
Total			0.74	

2020 Cycling Infrastructure Program

This section summarizes the City of Mississauga Cycling Infrastructure Program for 2020, implemented by the T&W Department.

Table 5 - Overview of the 2020 Cycling Program Facilities

Facility	Length Planned	Length Completed or Under Construction	Length Deferred or On Hold
New Multi-Use Trails	2.50	0.36	0.49
New Cycle Tracks	0.27	0	0.27
New Bicycle Lanes	0.20	0	0
New Shared Routes	1.96	0	0
Rehabilitated Multi-Use Trails	0.91	0	0.91
Total	5.84	0.36	1.67

Table 6 - 2020 Planned Cycling Infrastructure Projects

Location	From	To	Length	Status
<i>Multi-Use Trails</i>				
Cawthra Road	Eastgate Parkway	Forest Fire Lane Walkway	0.25	Tendered/Programmed
Eglinton Avenue West	Glen Erin Drive	Metcalfe Avenue	0.36	Under Construction
Mavis Road	Bancroft Drive / Cantay Road	Matheson Boulevard West	1.40	Tendered/Programmed
<i>Bicycle Lanes</i>				
Explorer Drive	Skymark Avenue	Eglinton Avenue East	0.20	Tendered/Programmed
<i>Shared Routes</i>				
Church Street	Ontario Street East	Queen Street South	1.15	Design
Mississauga Road	Reid Drive	Erin Centre Boulevard	0.24	Design
Ontario Street East	Queen Street South	Church Street	0.10	Design
Queen Street South	Church Street	Reid Drive	0.47	Design
Total			4.17	

Table 7 - 2020 Deferred Bicycle Infrastructure Projects

Location	From	To	Length	Status
<i>Multi-Use Trails</i>				
Winston Churchill Boulevard	Highway 403 South to East Ramp	Unity Drive / Unity Gate	0.49	Deferred to 2021 due to MTO design requirements
<i>Cycle Tracks</i>				
Square One Drive (west extension)	Rathburn Road West	Confederation Parkway	0.27	Deferred to 2021 due to design updates
Total			0.76	

Table 8 - 2020 Deferred Rehabilitation Projects

Location	From	To	Length	Status
<i>Multi-Use Trails</i>				
Rathburn Road West	Mavis Road	Confederation Parkway	0.91	Deferred to 2021 due to design updates
Total			0.91	

2021 Cycling Infrastructure Program

This section summarizes the City of Mississauga Cycling Infrastructure Program for 2021, implemented by the T&W Department.

Table 9 - Overview of the 2021 Cycling Program Facilities

Facility	Length Planned	Length Completed or Under Construction	Length Deferred or On Hold
New Multi-Use Trails	3.08	0	0
New Cycle Tracks	3.56	0	0
New Protected Bicycle Lanes	0.32	0	0
New Bicycle Lanes	0.39	0	0
Total	7.35	0	0

Table 10 - 2021 Planned Cycling Infrastructure Projects

Location	From	To	Length	Status
<i>Multi-Use Trails</i>				
Eglinton Avenue West	Erin Centre Trail	Oscar Peterson Boulevard / Southampton Drive	0.06	Design
Matheson Boulevard East	Creebank Road	Commerce Boulevard	3.00	Design
Southdown Road	Bromsgrove Road	Bromsgrove Road	0.02	Design (Intersection improvement)
<i>Cycle Tracks</i>				
Collegeway	Winston Churchill Boulevard	Mississauga Road	3.56	Design
<i>Protected Bicycle Lanes</i>				
Erin Centre Boulevard	Tenth Line	Oscar Peterson Boulevard	0.32	Design
<i>Bicycle Lanes</i>				
Commerce Boulevard	Matheson Boulevard East	Eglinton Avenue East	0.39	Design
Total			5.96	



Figure 1: West end of new Nine Creeks Trail at Winston Churchill Boulevard



Figure 2: Recently opened walking and cycling bridge over Highway 401 at Second Line

Community Services Projects

This section summarizes the City of Mississauga Cycling Infrastructure Program, implemented by the Community Services Department.

Table 11 - Overview of the Community Services Department Facilities

Facility	Length Planned	Length Completed or Under Construction	Length Deferred or On Hold
New Off-Road Trails	14.52	6.22	4.48
Total	14.52	6.22	4.48

Table 12 - Completed Off-Road Trail Projects

Location	From	To	Length	Status
<i>Off-Road Trails</i>				
Nine Creeks Trail	Winston Churchill Boulevard	Bromsgrove Road	1.47	Complete
Nine Creeks Trail	Whiteoaks Avenue	Truscott Drive	0.31	Complete
Nine Creeks Trail	Indian Road	Woodeden Drive	0.79	Complete
Nine Creeks Trail	Indian Grove	South Sheridan Way	0.10	Complete
Nine Creeks Trail	North Service Road	Camilla Road	0.25	Complete
Total			2.92	

Table 13 - Ongoing Off-Road Trail Projects

Location	From	To	Length	Status
<i>Off-Road Trails</i>				
Erin Centre Trail	Ninth Line	Winston Churchill Transitway Station	3.00	Substantial Completion
Nine Creeks Trail	Camilla Road	Cliff Road	0.56	Planning
ORT 7	Central Parkway East	Cawthra Road	1.10	Deferred to 2022 due to pipeline twinning through corridor
ORT 7	Tomken Road	Fieldgate Drive	2.14	Deferred to 2022 due to pipeline twinning through corridor
ORT 7	Tomken Road	Little Etobicoke Creek	0.30	Under Construction
ORT 11	Audubon Boulevard	Dundas Street East	3.26	Tendered/Programmed
ORT 20	South Service Road	Atwater Avenue	1.24	Deferred to 2023 due to conflicting regional project
Total			11.60	

Regional and Additional Projects

This section summarizes the bicycle infrastructure projects implemented within the City of Mississauga by the Region of Peel or other organizations.

Table 14 - Overview of Regional and Other Cycling Program Facilities

Facility	Length Planned	Length Completed or Under Construction	Length Deferred or On Hold
New Multi-Use Trails	6.37	6.37	0
New Cycle Tracks	0.24	0.24	0
Total	10.15	6.61	0

Table 15 - Regional Cycling Infrastructure Projects

Location	From	To	Length	Status
<i>Multi-Use Trails</i>				
Derry Road West	Lisgar Meadow Brook Trail	Lake Aquitaine Trail	2.02	Under Construction
Erin Mills Parkway	Britannia Road West	Credit Valley Road	3.54	Planned for 2021
Erin Mills Parkway	Burnhamthorpe Road West	Leanne Boulevard	3.30	Substantial Completion
Total			8.86	

Table 16 - Other Cycling Infrastructure Projects

Location	From	To	Length	Status
<i>Multi-Use Trails</i>				
Quartz Road	Burnhamthorpe Road West	Webb Drive	0.20	Under Construction (Developer project)
Second Line West	Sombrero Way	Donway Drive	0.85	Substantial Completion (MTO project)
<i>Cycle Tracks</i>				
John Street	200 m west	Hurontario Street	0.24	Complete (Metrolinx Project)
Total			1.29	

Crossrides

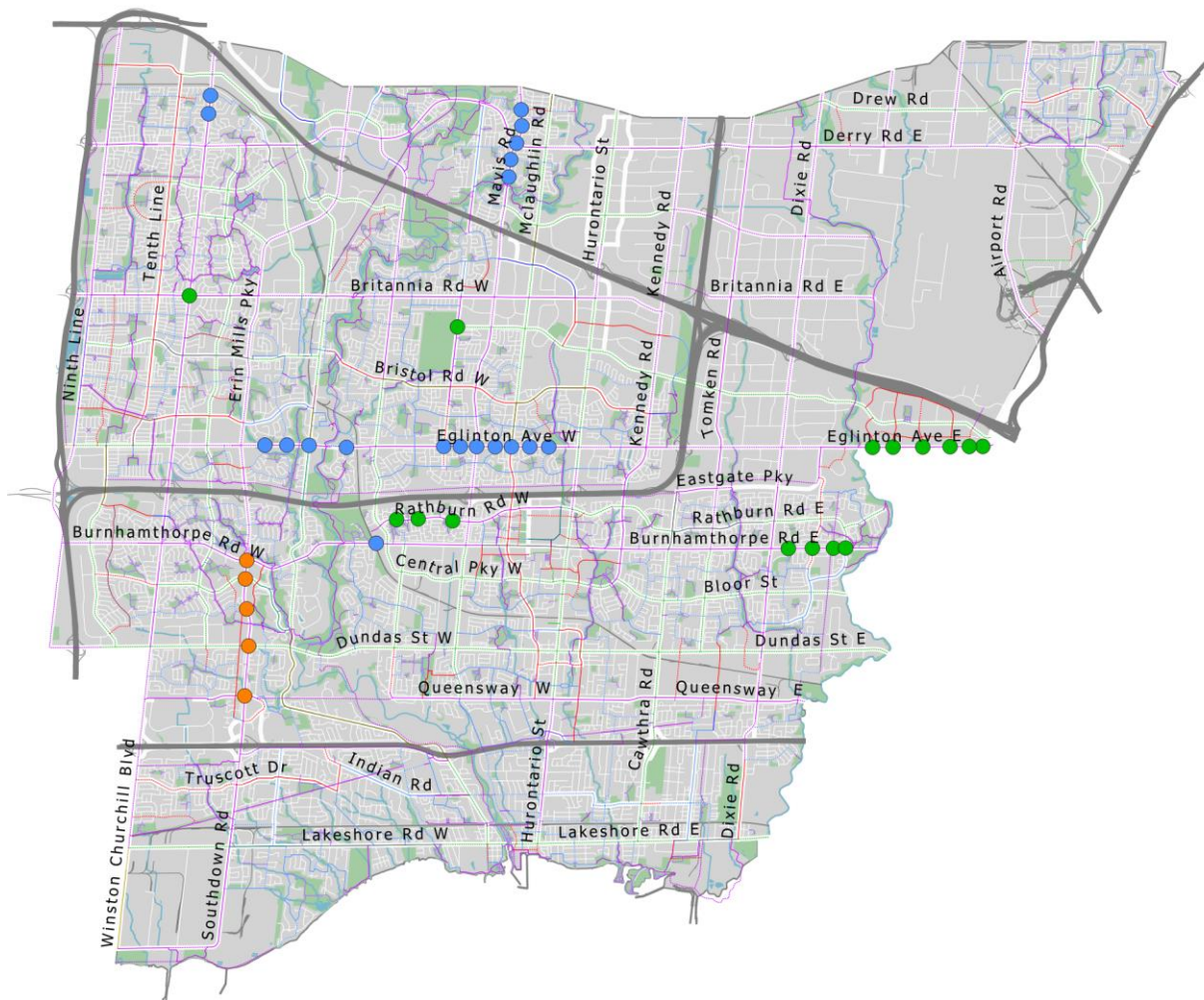
This section summarizes locations where crossrides are activated or under construction as of 2020 thus far.

Table 17 - New Signalized Crossrides

Location	Legs	Jurisdiction	Status
Burnhamthorpe Road West @ Erindale GO Station	1	Mississauga	Active
Eglinton Avenue West @ Barbertown Road	1	Mississauga	Active
Eglinton Avenue West @ Chase	1	Mississauga	Active
Eglinton Avenue West @ Fairwind Drive	1	Mississauga	Active
Eglinton Avenue West @ Guildwood Way	1	Mississauga	Active
Eglinton Avenue West @ Heatherleigh Avenue	1	Mississauga	Active
Eglinton Avenue West @ Heritage Hills Boulevard	1	Mississauga	Active
Eglinton Avenue West @ Mavis Road	1	Mississauga	Active
Eglinton Avenue West @ McLaughlin Road	1	Mississauga	Active
Eglinton Avenue West @ Mississauga Road	1	Mississauga	Active
Eglinton Avenue West @ Summersky Court	1	Mississauga	Active
Eglinton Avenue West @ Terry Fox Way	1	Mississauga	Active
Mavis Road @ Craig Carrier Court	1	Mississauga	Active
Mavis Road @ Crawford Mill Avenue	1	Mississauga	Active
Mavis Road @ Envoy Drive	1	Mississauga	Active
Mavis Road @ Knotty Pine Grove	1	Mississauga	Active
Winston Churchill Boulevard @ Crosscurrent Drive	1	Mississauga	Active
Winston Churchill Boulevard @ Tradewind Drive	1	Mississauga	Active
Derry Road West @ Mavis Road	2	Peel	Active
Erin Mills Parkway @ Burnhamthorpe Road West	2	Peel	Under Construction
Erin Mills Parkway @ Collegeway	1	Peel	Under Construction
Erin Mills Parkway @ Dundas Street West	1	Peel	Under Construction
Erin Mills Parkway @ Sheridan Park Drive	2	Peel	Under Construction
Erin Mills Parkway @ South Millway	1	Peel	Under Construction



Figure 3: New crossride for the Eglinton Multi-Use Trail at Barbertown Road



Map 2: Signalized Crossrides (as of August 2020)

- In service (activated 2020)
- In service (activated 2017-2019)
- Installation in progress (planned activation in 2020)

Bicycle Counters Status

The Transportation & Works department and Community Services Department use Eco-Counter brand devices to measure usage of existing cycling facilities. The Community Services department has 10 permanent counters, split between the Etobicoke Creek Trail and Waterfront Trail. The Transportation & Works department has 12 counters, located throughout the city.

Along trails, these devices use inductive loops in the asphalt to count bicycles, and a post with an infrared sensor to count pedestrians. The device gives individual counts for cyclists and pedestrians, and the direction of travel. On bike lanes, only inductive loops are used.



Figure 4: Urban Post Multi Eco-Counter at Eglinton Avenue west, east of Heritage Hills Boulevard

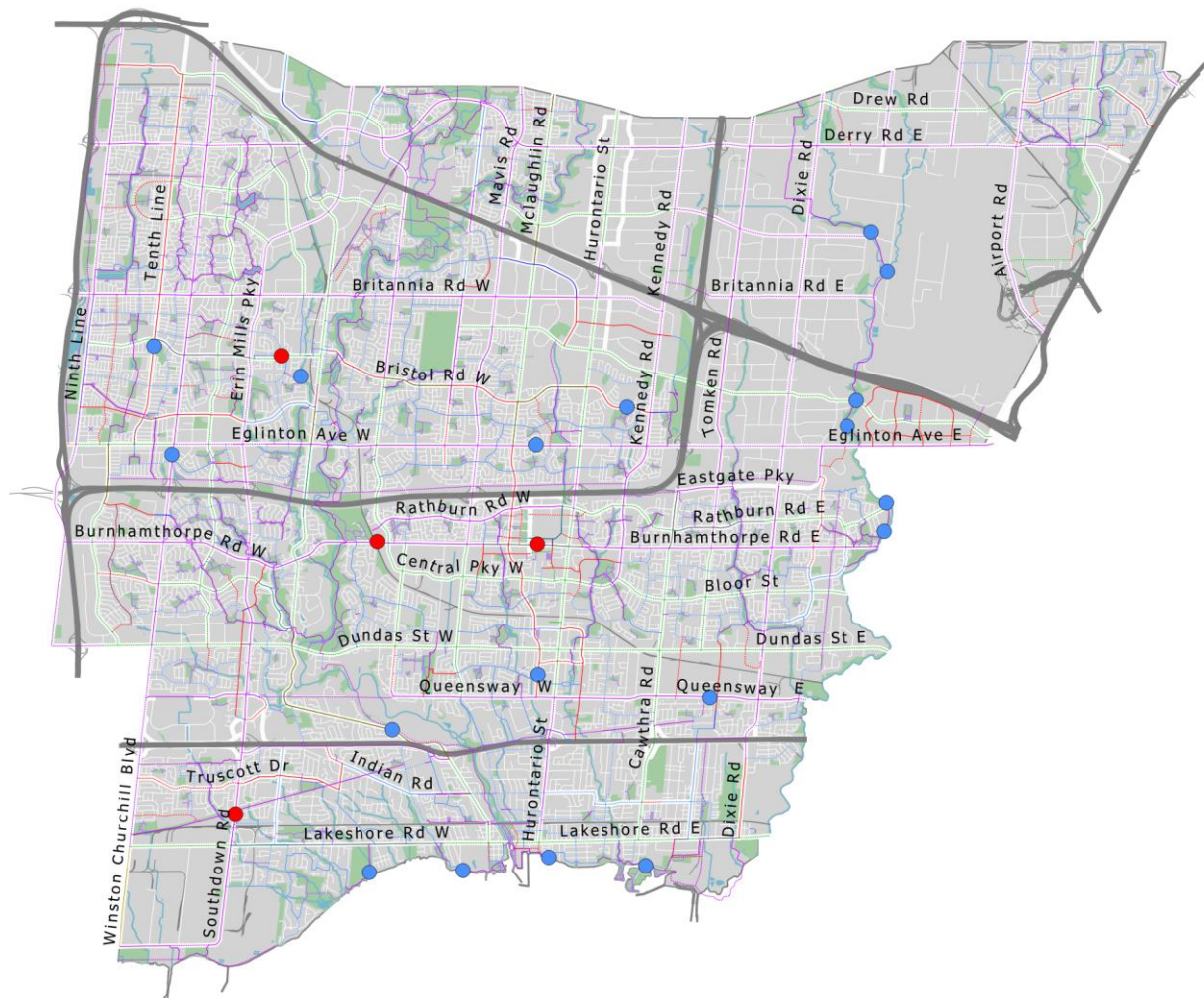
Note that there are also various non-permanent mobile cycling tube counters and pedestrian-only counters which are not shown for here.

Table 18 - Transportation & Works Permanent Eco-Counters

Location	Type	Year Installed	Status
Bristol BL @ E of Anthony	Lane loops	2019	Active
Burnhamthorpe MUT @ E of Duke of York	Post & loops	2014	Inactive – Major construction in area
Burnhamthorpe MUT @ Erindale GO	Post & loops	2019	Inactive – To be repaired
Confederation BL @ S of Floradale	Lane loops	2014	Active
Eglinton MUT @ E of Heritage Hills	Post & loops	2019	Active
Mississauga Road BL @ S of Beaverbrook	Lane loops	2014	Active
Queensway MUT @ W of Stanfield	Post & loops	2019	Active
Southdown MUT @ S of Nine Creeks Trail	Post & loops	2019	Inactive – To be repaired
Mullet Trail @ Streetsville GO	Post & loops	2018	Active
Tenth Line BL @ S of Thomas	Lane loops	2014	Active
Thomas Street MUT @ E of Vista	Post & loops	2018	Inactive – To be repaired
Winston Churchill MUT @ N of Artesian	Post & loops	2019	Active

Table 19 - Community Services Permanent Bicycle Eco-Counters

Location
Etobicoke Creek Trail @ Courtneypark (Airport)
Etobicoke Creek Trail @ Edward Scarlett Park
Etobicoke Creek Trail @ Garnetwood Park (North)
Etobicoke Creek Trail @ Garnetwood Park (South)
Etobicoke Creek Trail @ Sismet (North)
Etobicoke Creek Trail @ Sismet (South)
Waterfront Trail @ Ben Machree Park
Waterfront Trail @ Jack Darling Park
Waterfront Trail @ Lakefront Promenade
Waterfront Trail @ St Lawrence Park



Map 3: Bicycle Counters (as of August 2020)

- In service
- Not in service

Bicycle Repair Stands

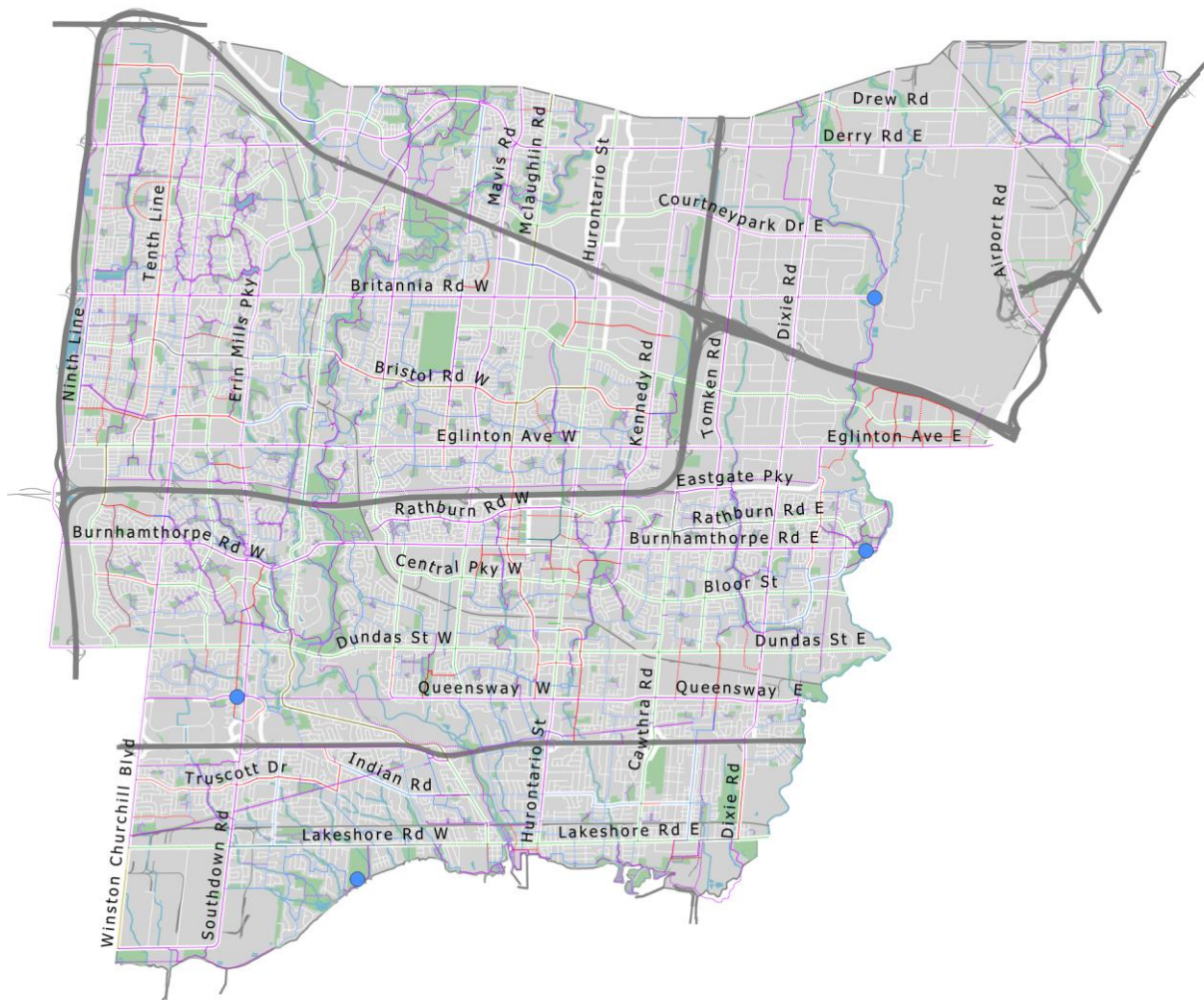
Bicycle repair stands include an air pump and common tools required for basic bicycle repairs and adjustments. There are three repair stands operated by Community Services and one operated by Transportation & Works.

Table 20 - Bicycle Repair Stands

Location	Year Installed	Owner	Status
Etobicoke Creek Trail @ Britannia Road E	2018	Mississauga CMS	Active
Etobicoke Creek Trail @ Fleetwood Park	2018	Mississauga CMS	Active
Waterfront Trail @ Jack Darling Park	2019	Mississauga CMS	Active
Sheridan Park Drive @ Fifth Line	2020	Mississauga T&W	Active – Pump to be installed



Figure 5: Bicycle repair stand on the Etobicoke Creek Trail at Britannia Road East



Map 4: Bicycle Repair Stands (as of August 2020)

● In service

Bicycle Parking Program

A Bicycle Parking Program is currently being developed by the Transportation & Works department to increase the amount of safe, secure, and accessible bicycle parking throughout the City of Mississauga. During the program development, the following is being investigated:

- Current bicycle parking infrastructure data development and sharing
- Bicycle parking requests and reporting for businesses and citizens
- Long-term network planning
- Annual bicycle parking implementation program

Prepared by: Fred Sandoval, Amy Parker

City of Mississauga

Corporate Report



Date: September 8, 2020

To: Chair and Members of General Committee

From: Geoff Wright, P.Eng, MBA, Commissioner of
Transportation and Works

Originator's files:

Meeting date:
September 23, 2020

Subject

Request to Increase Contract Upset Limit with WSP Canada Ltd. for The Collegeway Cycling Infrastructure Implementation Project – Detailed Design Phase, Procurement No. PRC000902 (Ward 8)

Recommendation

That the Purchasing Agent be authorized to increase the contract with WSP Canada Ltd. (Procurement No. PRC000902) to include Detailed Design services by an additional amount of \$108,000 (\$90,000 plus 20% contingency), to a revised total contract value of \$342,000 (excluding taxes).

Background

In 2018, the City retained WSP Canada Ltd. (WSP) through a competitive bid process (Procurement No. PRC000902) for consulting services to undertake the design of cycling infrastructure on The Collegeway between Winston Churchill Boulevard and Mississauga Road. Cycling infrastructure was envisioned to be installed in coordination with scheduled road rehabilitation works.

As a result of community consultations and in discussion with the Ward Councillor, staff and the consultant team developed additional design alternatives. As a result, increases were added to the contract for the preparation of additional alternatives and a second round of community consultations (Amendment #1).

The preferred design alternative requires a significantly greater level of design effort to complete than the original concept. This report is therefore seeking authority from Council to increase the contract amount with WSP, in accordance with By-law 374-2006 Schedule A (1)(a)(iv): the complete item, service, or system is unique to one vendor as WSP has the history and background knowledge of what is required to complete this work in a timely and effective manner, thus making it not economical to the City to solicit competitive bids.

Comments

WSP provided four alternative design options for cycling infrastructure on The Collegeway between Winston Churchill Boulevard and Mississauga Road. After reviewing feedback received during the initial round of community consultation and in discussion with the Ward Councillor, the following hybrid option for overall road improvements is being carried forward:

- Proceed with raised cycle tracks between Winston Churchill Boulevard and the east leg of South Millway;
- Cycling infrastructure between the east leg of South Millway and Mississauga Road will be deferred due to ongoing concerns from the public and stakeholders related to impacts to parking, boulevard trees, and other issues;
- Resurface the road and maintain the existing four-lane cross-section;
- Lifecycle replacement of the street lighting in conjunction with the resurfacing and cycling works; and
- Upgrade traffic signals as required for either lifecycle needs or to align with the preferred cycling solution.

As a result, additional services will be required from WSP to complete the detailed design of the above noted elements, in an integrated fashion, to ensure that the rehabilitation of The Collegeway can proceed beginning in 2021.

Strategic Plan

The Collegeway Cycling Infrastructure Implementation Project aligns with the City's Strategic Pillars of *Move* and *Connect*.

Financial Impact

The existing contract amounts in PRC000902 and PO 4500489478 and the proposed increase amendment is summarized in the table below:

Original Contract Amount	Amendment #1	Current Contract Amount	Amendment #2 – Detailed Design	Total Contract Amount
\$134,000.00	\$100,000.00	\$234,000.00	\$108,000.00	\$342,000.00

Capital budget PN B19167 Cycling Program (The Collegeway) has sufficient funds available to accommodate the proposed increase to the contract. No additional funding is required.

Conclusion

An increase to the existing contract with WSP Canada Ltd. is required for additional detailed design services in order to satisfy the preferred alternative established following community consultation.

The contract with WSP was established competitively. The WSP contract continues to represent good value and is sufficiently resourced to accommodate this additional work. Council approval is required, as this increase will exceed 20% of the original contract value.

Attachments

- Appendix 1: Detailed Design Fees Letter, WSP Canada Ltd.
- Appendix 2: Detailed Design Workplan, WSP Canada Ltd.
- Appendix 3: Detailed Design Schedule, WSP Canada Ltd.



Geoff Wright, P.Eng, MBA, Commissioner of Transportation and Works

Prepared by: Matthew Sweet, Manager, Active Transportation

August 26, 2020

City of Mississauga
201 City Centre Drive, Suite 800
Mississauga, Ontario
L5B 2J4

Attention: Matthew Sweet
Project Manager

**RE: The Collegeway Cycling Infrastructure Implementation
Detailed Design Fees
PRC000902; WSP File: 18M-01721-00**

Dear Sir:

As requested, WSP has provided a cost estimate (attached) for detailed design for the Collegeway Cycling Infrastructure Implementation Study. The scope of detailed design has since changed from the submission in response to the RFP in 2018, which was based on the assumption of a “road diet” on the Collegeway between Winston Churchill Boulevard and Mississauga Road. Based on recent direction from the City, the scope of work for detailed design is now updated to include the implementation of in-boulevard cycle track, on both sides of the roadway from Winston Churchill Boulevard to South Millway (east of Erin Mills Parkway).

The detailed design costs include the following tasks:

- Topographic survey from edge of pavement to property line;
- Tree inventory survey;
- Geotechnical investigation including boreholes in boulevards;
- Update existing utility plans;
- Detailed design review meeting for 30%, 60% and 90% submissions;
- Meetings (as outlined in the table attached) with City of Mississauga staff including roads, traffic signals, street lighting, landscaping and noise walls;
- Coordination with City of Mississauga staff with respect to contract drawings and specifications for items outside of WSP’s scope of work;

- Prepare cycling track contract drawings, specifications and tender item; and,
- Meetings with MiWay, Peel Region and South Common Mall representatives.

It is our understanding, the City of Mississauga will prepare contract drawings and specifications for roadworks including pavement markings, traffic signals, street lighting, landscaping and noise walls.

The original project budget included \$38,330 for detailed design, which was originally intended to be a “road diet” scope (i.e. lane reduction from 4 travel lanes to 2 travel lanes with on street bike lanes). Based on the new scope of work, the detailed design fee estimate is \$127,923, per the attached.

The additional fee required for detailed design is \$89,593.

If you require further information, please do not hesitate to contact the undersigned.

Yours sincerely,

A handwritten signature in blue ink, appearing to read 'Jay Barich', with a stylized, flowing script.

Jay Barich, P.Eng.
Department Manager – Construction
Administration

DETAILED DESIGN FOR THE COLLEGEWAY CYCLE TRACK - WINSTON CHURCHILL BOULEVARD TO SOUTH MILLWAY EAST					07-Aug-20
PERSON HOURS					
DESCRIPTION OF WORK	ROAD DESIGN				TREE SURVEY
	PM	Design Tech.	Survey Tech.	CAD	Arborist
HOULY RATES	\$240	\$125	\$116	\$135	\$100
1. PRELIMINARY DESIGN AND CONSULTATION					
1.1 Attend Start-up Meeting with COM PM	4.0	4.0			
1.2 Topographic Survey			80.0		
1.3 Field Review / Collect and Review Background Data	1.0	5.0			
1.4 Prepare Base Plans		5.0		25.0	
1.5 Tree Survey					60.0
1.6 Develop Preliminary Drawings	2.0	15.0		40.0	
1.7 Prepare cross-sections	1.0	15.0			
1.8 Send preliminary drawings to utility companies for mark-up		10.0			
1.9 Coordinate drawings including chainage with City design teams	1.0	4.0		4.0	
1.10 30% Design Submission	1.0	8.0		8.0	
1.11 Attend 30% Design Review Meeting	4.0	4.0			
SUB-TOTAL PRELIMINARY DESIGN AND CONSULTATION	14.0	70.0	80.0	77.0	60.0
2. DETAIL DESIGN					
2.1 Detail Design / Contract Drawings					
2.1.1 Title Sheet		0.5		2.0	
2.1.2 Index Sheet		1.0		5.0	
2.1.3 Removals (8 sheets) 1:250 scale	1.0	15.0		15.0	
2.1.4 New Construction (16 sheets) 1:250 scale	5.0	30.0		45.0	
2.1.5 Cycle Track Pavement Markings and Signing (8 sheets) 1:250 scale	2.0	15.0		30.0	
2.1.6 Typical Sections (4 sheets)	1.0	10.0		22.5	
2.1.7 Details (2 sheets)	1.0	4.0		15.0	
2.1.8 Coordination with City design teams w.r.t. drawings and specs	1.0	4.0		4.0	
2.2 Permits	1.0	5.0			
2.3 60% Submission	2.0	5.0		5.0	
2.4 60% Review Meeting with City PM, traffic signals, lighting, noise walls, landscaping and roadworks	5.0	5.0			
2.5 Quantities	2.0	7.5		2.0	
2.6 Special Provisions / Specifications	15.0	22.5			
2.7 Engineer's Construction Estimate	1.0	5.0			
2.8 60% revisions	1.0	15.0		15.0	

DETAILED DESIGN FOR THE COLLEGEWAY CYCLE TRACK - WINSTON CHURCHILL BOULEVARD TO SOUTH MILLWAY EAST					07-Aug-20	
PERSON HOURS						
DESCRIPTION OF WORK		ROAD DESIGN				TREE SURVEY
		PM	Design Tech.	Survey Tech.	CAD	Arborist
2.9	90% Submission	2.0	5.0		5.0	
2.10	90% Review Meeting with City PM, traffic signals, lighting, noise walls, landscaping and roadworks	5.0	5.0			
2.11	90% revisions	4.0	15.0		15.0	
2.12	100% Finalize Drawings / Documents	5.0	15.0		5.0	
2.13	Assistance During Tendering and Bid Review	2.0	7.5			
2.14	Prepare issued for construction drawings		5.0		15.0	
2.15	Support during construction	5.0	40.0		8.0	
2.16	Prepare as-built drawings		3.0		30.0	
SUB-TOTAL DETAIL DESIGN		61.0	240.0	0.0	238.5	0.0
TOTAL PERSON HOURS		75.0	310.0	80.0	315.5	60.0
Disbursements		\$2,500				
Geotechnical Investigation		\$10,800				
SUB-TOTAL		\$121,923				\$6,000
TOTAL		\$127,923				

DETAILED DESIGN FOR THE COLLEGEWAY CYCLE TRACK - WINSTON CHURCHILL BOULEVARD TO SOUTH MILLWAY EAST					07-Aug-20
PERSON HOURS					
DESCRIPTION OF WORK	ROAD DESIGN				TREE SURVEY
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TOTAL		\$127,923				

City of Mississauga

Memorandum



Date: 2020/10/08

To: Mississauga Cycling Advisory Committee

From: Sabrina Davidson

Subject: Cycling Considerations as Part of the Construction Management Plan
Circulation, Review, and Approval Process

Overview

This memorandum provides a summary of the City of Mississauga's Construction Management Plan internal circulation, review, and approval process, as it relates to cycling considerations.

Circulation and Approval Process

The City of Mississauga first receives a Construction Management Plan when a Complex Construction Permit application is submitted in advance of a new construction project. As Complex Construction Permit applications come in, the Construction Management Plan is extracted from the submitted package, and reviewed for any potential impacts to City infrastructure. When a potential impact is identified, the appropriate group is contacted and requested to complete a detailed review of the Construction Management Plan.

Typically, the Construction Management Plan will illustrate the occupation of one or more Active Transportation facilities adjacent to the construction zone, such as a sidewalk or dedicated bike lane. Accordingly, the Construction Management Plan to be sent directly to the Active Transportation office for review, as soon as it is received by the City. Although potentially redundant, this process ensures that Active Transportation Staff are not omitted from circulation.

Once received, Active Transportation Staff undertake a detailed review of the Construction Management Plan, to ensure it meets the standards of the Ontario Traffic Manual (OTM) Book 7 guidelines. Specifics of the Active Transportation review process are outlined in greater detail later in this memorandum.

If the Construction Management Plan does not meet one or more of the OTM Book 7 guidelines regarding cyclist practices, Active Transportation Staff notify the applicant of the observed concern(s). At such time, Active Transportation Staff work directly with the applicant to resolve all concern(s), to the satisfaction of the Active Transportation office guidelines. The new agreement(s) and/or condition(s) are then published to the City's internal construction application management system.

Note that this is a snapshot of frequently-evolving practices. The City of Mississauga is working toward further automating and formalizing this process.

The following flow chart (Figure 1) outlines the above-described circulation and approval process.

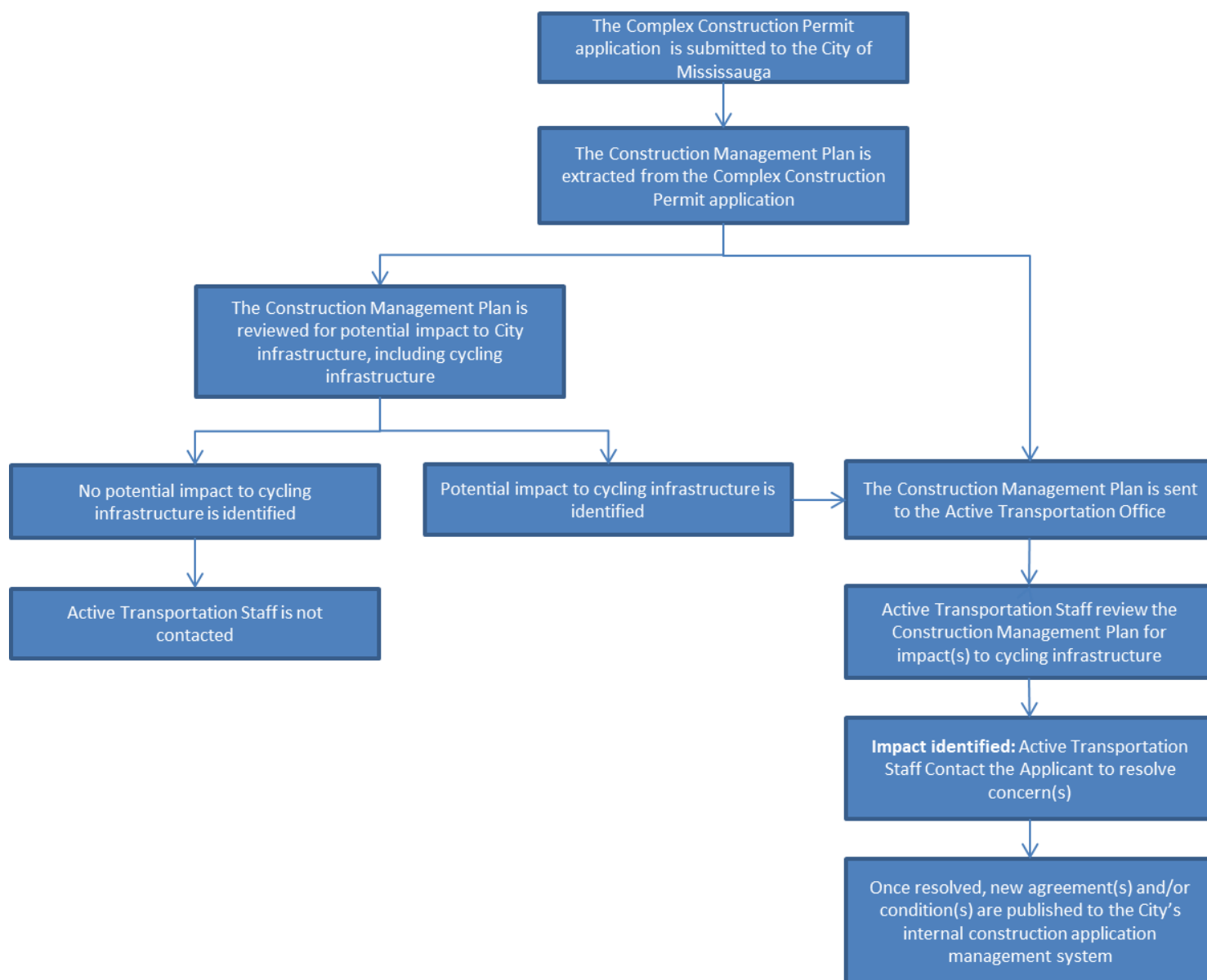


Figure 2: Construction Plan Review Flow Chart

Mississauga Cycling Advisory Committee		2020/10/08	3
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Active Transportation Guidelines Concerning Cyclists

The City of Mississauga recognizes that cyclists must be considered at all stages of development in Mississauga, including construction. Both the Cycling Master Plan and the Transportation Master Plan identified the need to accommodate cyclists in construction zones. When reviewing a Construction Management Plan where cycling infrastructure may be temporarily impacted, staff require a number of standards to be met before providing approval. Book 7 of the OTM provides guidance specific on how cyclists should be directed through a temporary construction zone. As such, staff rely on the best practices outlined in Book 7 to inform the review of all Construction Management Plans.

Wherever possible, existing cycling facilities should be maintained. Where it is not possible, cyclists hold the same rights as motor vehicles while on the road, in accordance with the Province of Ontario's Highway Traffic Act. As such, there may be a need for cyclist-specific accommodation within a construction corridor.

Where a bike lane or multi-use trail impact is indicated in the Construction Management Plan, cyclists should be diverted to the curb lane. "Shared Lane Ahead" or similar signage should be installed with distance indicators ahead of the bike lane/multi-use-trail closure. Where feasible, long-term bike lane obstruction may merit the realignment of the bike lane within the new road width.

Where a shared curb lane is impacted, a lane width of 3.5 m more should be maintained throughout the affected corridor. If the shared lane width is reduced to less than deemed appropriate, signage should be installed to notify cyclists of the upcoming constraint. Where the posted speed limit exceeds 60km/h, shared lanes should maintain a width of 3.75 m or greater. If maintaining the desired road width is not possible, the speed limit should be reduced temporarily.

Where it is not possible to establish safe and adequate temporary cycling conditions along the construction corridor, cyclists should be detoured. Adequate and accurate detour signage should be posted along the entirety of the route; however, cyclists do not need specialized signage if both vehicles and cyclists are being detoured.

Where signage is utilized, it is important to ensure its placement provides adequate notice to cyclists of the change in condition. Further, signage should not be placed within cyclists' path of travel.

Conclusion

As outlined in this document, the review and potential modification of a Construction Management Plan to account for the safety and convenience of cyclists is an integrated part of the City of Mississauga's Construction Management Plan circulation process.

City of Mississauga

Memorandum



Date: October 7, 2020

To: Chair and Members of Mississauga Cycling Advisory Committee

From: Matthew Sweet

Meeting date: October 13, 2020

Subject: **Active Transportation COVID-19 Recovery Framework – October Update**

The AT COVID-19 Recovery Framework was approved by Council on July 9, 2020. The Framework included recommendations for various bicycle lane and separated bicycle lane projects, and concepts for Quiet Streets and Road Closures. This memo will provide an update on the implementation of the recommended bicycle lanes outlined in the Framework report.

Summary

Ward	Street	From/To	Type	Sept Status	Oct Status
2	Orr Road	Southdown Road to Meadow Wood Road	Bike Lane	Work order issued	Work order rescinded; coordinating with traffic calming
4	City Centre Drive	Duke of York Blvd to Rathburn Road	Separated Bike Lane	Planning underway	Meeting with Ward 4 Councillor
4	Kariya Gate	City Centre Drive to Burnhamthorpe Road	Separated Bike Lane	Planning underway	Meeting with Ward 4 Councillor
4	Living Arts Drive	Rathburn Road to Burnhamthorpe Road	Separated Bike Lane	Design Finalized, Approved to Proceed	Work order submitted

Mississauga Cycling Advisory Committee	2020/10/07	2
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Ward	Street	From/To	Type	Sept Status	Oct Status
5	Morning Star Drive	Airport Road to Brandon Gate Drive	Bike Lane	Complete	
7	King Street	Confederation Parkway to Camilla Drive	Separated Bike Lane	Design Finalized, Approved to Proceed	Work order submitted
8	Credit Valley Road	Erin Mills Parkway to Eglinton Avenue	Bike Lane	Planning underway	Planning underway
8	Glen Erin Drive	Burnhamthorpe Road W to Eglinton Avenue	Separated Bike Lane (Interim)	Planning underway	Meeting with Ward 8 Councillor
9	Battleford Road	Tenth Line W to Erin Mills Parkway	Separated Bike Lane (Interim)	Planning underway	Planning underway
9	Aquitaine Avenue	Tenth Line W to Millcreek Avenue	Separated Bike Lane (Interim)	Planning underway	Public Consultation requested by Ward 9 Councillor
9	Argentia Road	East of Winston Churchill Blvd (formerly Tenth Line W) to Derry Road W	Separated Bike Lane (Interim)	Planning underway	Western limit revised; Notification letters going out to businesses
11	Queen Street	Britannia Road to Ontario Street	Bike Lane	Public consultation underway	Consultation complete

Implementation Underway

King Street, Separated Bicycle Lanes, Camilla Road to Confederation Parkway – work orders have been submitted.

Living Arts Drive, Separated Bicycle Lanes, Rathburn Road West to Burnhamthorpe Road West – work orders have been submitted.

Implementation On Pause

Orr Road, Bicycle Lanes, Southdown Road to Meadow Wood Road – based on resident responses to project notifications, and desire for additional traffic calming measures, the design for Orr Road is being aligned with traffic calming proposals and will be presented to the Councillor for consideration.

Public Consultation Underway

The feedback page for the AT COVID-19 Framework remains active and has been promoted on the City's communications channels.

Individual project notifications are being distributed to residents fronting onto roadways in advance of project implementation.

Public Consultation Complete

Consultation for the Queen Street separated bicycle lanes is complete. Staff are reviewing the feedback received and will be meeting with the Ward 11 Councillor's office to discuss next steps.

Public Consultation Requested

Public consultation has been requested at two locations in Ward 9:

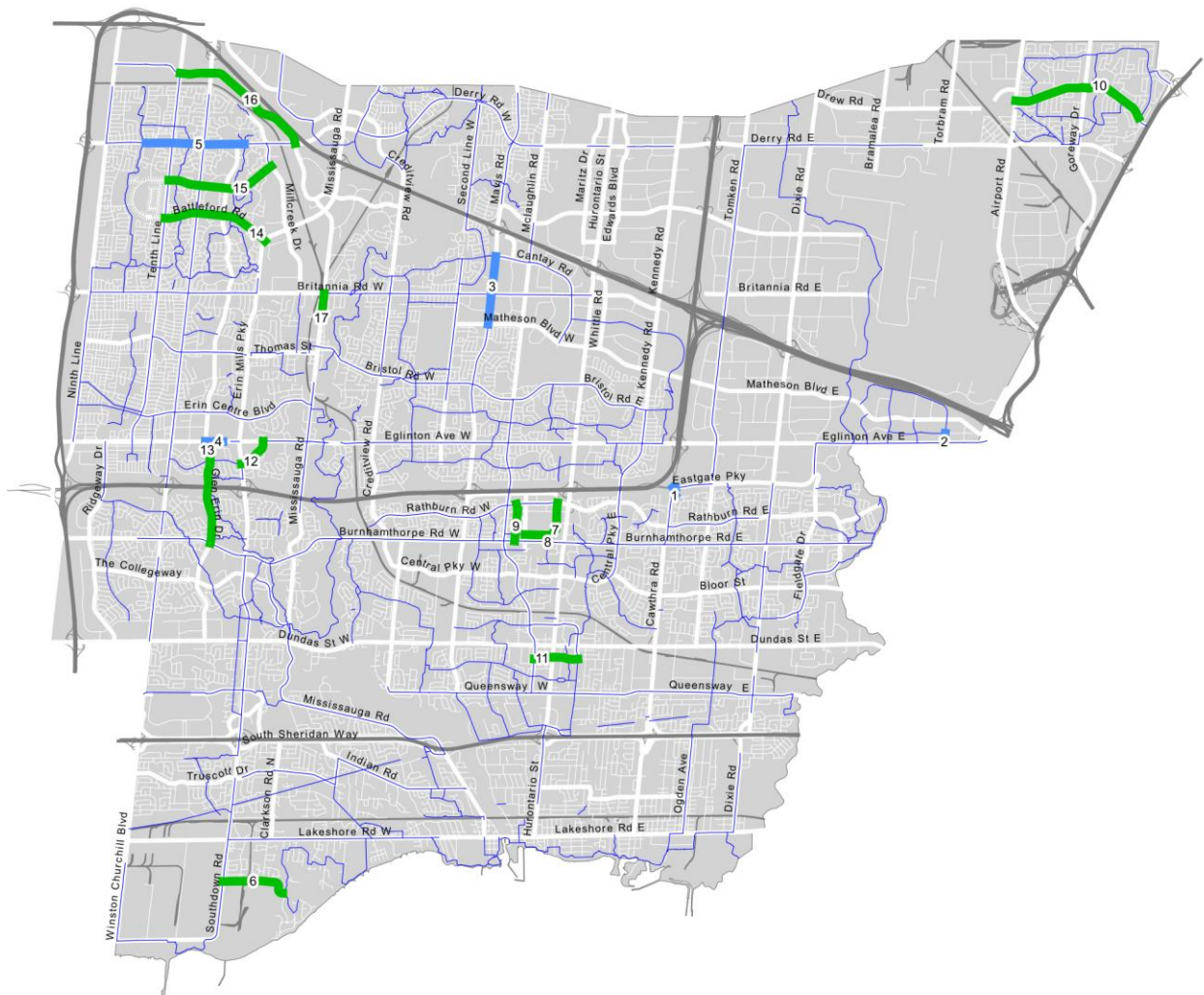
- Argentinia Road – notifications will be hand delivered to businesses on Argentinia Road for feedback to inform detailed design
- Aquitaine Avenue – formal online public consultations will be planned and will take place in the coming months

Attachments

Appendix 1: AT Framework Project List

Appendix 1 – 2020 Proposed Bicycle Lanes (AT COVID Recovery Framework Projects)

Map #	Ward	Street	From/To	Type	Length
6	2	Orr Road	Southdown Road to Meadow Wood Road	Bike Lane	1.4 km
7	4	City Centre Drive	Duke of York Blvd to Rathburn Road	Separated Bike Lane	1.2 km
8	4	Kariya Gate	City Centre Drive to Burnhamthorpe Road	Separated Bike Lane	0.1 km
9	4	Living Arts Drive	Rathburn Road to Burnhamthorpe Road	Separated Bike Lane	0.8 km
10	5	Morning Star Drive	Airport Road to Brandon Gate Drive	Bike Lane	2.8 km
11	7	King Street	Confederation Parkway to Camilla Drive	Separated Bike Lane	0.9 km
12	8	Credit Valley Road	Erin Mills Parkway to Eglinton Avenue	Bike Lane	0.7 km
13	8	Glen Erin Drive	Burnhamthorpe Road W to Eglinton Avenue	Separated Bike Lane (Interim)	2.1 km
14	9	Battleford Road	Tenth Line W to Erin Mills Parkway	Separated Bike Lane (Interim)	2.2 km
15	9	Aquitaine Avenue	Tenth Line W to Millcreek Avenue	Separated Bike Lane (Interim)	2.2 km
16	9	Argentia Road	Tenth Line W to Derry Road W	Separated Bike Lane (Interim)	3.0 km
17	11	Queen Street	Britannia Road to Ontario Street	Bike Lane	0.5 km



Active Transportation Proposed 2020 Installations

- Existing Bike Lane, Multi-Use Trail, or Signed Route
- 2020 Cycling Program
- 2020 Proposed Bike Lanes

Cycling Master Plan 2019 Report Card

Building a Bicycle-Friendly City



3,230

participants in
cycling events

48

cycling programs and
campaigns delivered

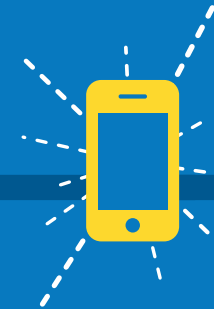


27-year

Cycling vision
for Mississauga



**\$3
million**
invested in
cycling network



415,000
social media impressions



15.9 km

of new cycling
infrastructure completed

- 9.2 km Multi Use Trails
- 1.0 km Bicycle Lanes
- 0.4 km Rehabilitated Bicycle Lanes
- 5.3 km Off-Road Trails

Our Four Goals

Improving safety

Building a connected, convenient
and comfortable cycling network

Increasing cycling trips

Fostering a cycling culture

 **MISSISSAUGA**