





# INFORMATION REPORT

<b>TO:</b>	Chair and Members Public Works Committee
<b>COMMITTEE DATE:</b>	January 15, 2024
<b>SUBJECT/REPORT NO:</b>	Accelerated Active Transportation Plan (PED24023/PW24002) (City Wide)
<b>WARD(S) AFFECTED:</b>	City Wide
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## COUNCIL DIRECTION

Council has requested a consolidated summary of planned capital investments in cycling infrastructure annually as contained in the Capital Budget. This Report (PED24023/PW24002) provides a summary of cycling projects completed in 2023 and a list of planned investments for 2024 to 2028.

At the January 20, 2023 General Issues Committee (Budget), staff were directed to initiate an Integrated Active Transportation Delivery Team comprised of staff from Planning and Economic Development Department, and Public Works Department, with the goal of filling connectivity gaps and accelerated implementation of the Cycling Master Plan and report to the 2023 Operating Budget on financial implications of such an accelerated plan.

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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.

## **INFORMATION**

As outlined in Report PED23042/PW23008, which presented the Annual Cycling Infrastructure Plan, accelerating the implementation of cycling infrastructure will require a multi-pronged approach which includes increasing staff resources, acting on near-term projects, ensuring project funding is available, and re-prioritizing infrastructure projects with a cycling component. This will require a detailed review of existing Ten-year Capital forecast to identify projects that can be prioritized to be delivered by this new team, focusing on projects that are efficient and timely to implement in the short-term, and working with existing groups to expedite, where possible, other coordinated projects in the medium and long-term.

- **Summary of 2023 Cycling Project Implementation**

A total of eleven cycling infrastructure projects were delivered in 2023 by means of a joint effort between Planning and Economic Development Department - Transportation Planning and Parking, and Public Works Department – Transportation Division, and Engineering Services Division. Combined, these projects represent over ten kilometres of new and upgraded cycling infrastructure. This included over six kilometres of new bicycle lanes, over two and half kilometres of upgrades to existing bicycle lanes, and over three kilometres of new multi-use paths. All lengths stated in Report PED24023/PW24002 are centreline lengths (includes both directions of travel).

Projects delivered in 2023 included those identified in the current and prior year's Capital Budgets. A complete listing of projects implemented in 2023 is attached as Appendix "A" to Report PED24023/PW24002.

In total, \$1.393 M was invested in cycling infrastructure in 2023. Some of the planned projects in 2023 were not able to be implemented due to a need for additional design, weather-related installation issues, internal installation priorities, construction delays, and a need to conduct further feasibility assessments. These projects will move to 2024 as priority installations.

### **Cycling Investment in 2024 Capital Budget**

The 2024 Cycling Project Budget is informed by the Cycling Master Plan, which identifies a priority program of cycling infrastructure for implementation. This includes the consideration and integration of an All Ages and Abilities design approach and the objective to develop a robust cycling network and minimum grid across the City.

Based on the Capital Budget and other funding sources, as described below, the total planned investment in cycling expenditure in 2024 is \$6.6 M.

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The planned investment in 2024 is significantly enhanced by funding from senior levels of government. Additional funding for 2024, and beyond, has been approved through the Investing in Canada Infrastructure Program: Public Transit Stream. The total funding through the Investing in Canada Infrastructure Program is \$10.5 M (to be spent over 2021 to 2033).

○ 2024 Planned Linear Cycling Projects

Below is a summary of the various types of projects to be delivered in 2024. As these planned projects continue to proceed through the implementation process, consultation with the affected Ward Councillors will occur to communicate impacts and to facilitate community engagement.

A total of 24 kilometres of cycling infrastructure projects are planned to be installed in 2024. The following Table 1 shows how these projects breakdown into the following categories by length.

Table 1: 2024 Project Type Summary

Project Type	Total Length (kilometres)
Stand-Alone	18.3
Part of Other Infrastructure	5.3
<b>TOTAL</b>	<b>23.6</b>

○ Stand-alone Cycling Projects

Stand-alone cycling projects include projects identified in the Cycling Master Plan and Ward-specific studies. Approximately 18 kilometres of stand-alone projects are planned for 2024, as listed in Table 2. Funding for these projects is primarily through the On-street Cycling Budget (Project ID 4662217124), On-street Cycling Enhancements (Project ID 4032217050), Bicycle Boulevards (Project ID 4032217053), individual projects, and Ward-specific reserves.

Table 2: 2024 Stand Alone Cycling Projects

Ward	Project Name	Limits	Length (kilometres)
1	Main Street (Ainsle Woods)	Filman Road to Ofield Road	1.0
1	York Boulevard	Plains Road to High Level Bridge	1.5
2, 3	Victoria Avenue South	Hunter Street to Stinson Street Victoria Avenue to West Avenue Wellington Street to West Avenue	0.5

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<b>Ward</b>	<b>Project Name</b>	<b>Limits</b>	<b>Length (kilometres)</b>
3, 4	Montclair Avenue Central Avenue Graham Avenue Frederick Avenue	Gage Park to Edgemont Street Edgemont Street to Redhill Valley Trail Roxborough Avenue to Lawrence Road Roxborough Avenue to Barton Street	5.4
6	Stone Church Road	Arbour Road/Anchor Road to Upper Red Hill Parkway	0.7
8	West 5th – Keddy Trail Connector	Keddy Access Trail to Fennell Avenue (deferred from 2023)	0.6
7,8	Bendamere Avenue Southbend Road	West 35th Street to Columbia Drive Laurier Avenue to Holt Avenue	4.2
12, 14	Stone Church Road	Stonehenge Drive to Omni Boulevard	1.0
14	Fessenden/Gurnett	Wendover Drive/ Greencedar Drive/ Amalfi Street/ Upper Horning Drive/ Omni Boulevard	2.1
14	Upper Paradise Road	Stone Church Road to Rymal Road	1.0

○ Cycling Projects as Part of Other Infrastructure Projects

Based on a Complete Streets approach, and guided by the Cycling Master Plan, a number of cycling projects are planned as part of other infrastructure projects such as road rehabilitations. A total of six kilometres of cycling infrastructure is included as part of other 2024 Capital Projects as listed in Table 3.

Table 3: Projects to be Delivered as Part of Other Infrastructure

<b>Ward</b>	<b>Project Name</b>	<b>Limits</b>	<b>Length (kilometres)</b>
1	Sterling Street	Forsythe Street to King Street	0.7
1	York Boulevard Cannon Street	Dundurn Street to Caroline Street York Boulevard to James Street	1.1
4	Barton Street	Woodward Avenue to Red Hill Valley Parkway	0.5
6	Concession Street Mountain Brow Boulevard	Upper Gage Avenue to Oakcrest Street	1.5
9	First Road West*	Bedrock Drive to Ridgeview Drive	0.5
11	Nebo Road	Twenty Road to Rymal Road	1.3

## **Accelerating the Implementation of the Cycling Master Plan Implementation**

Many municipalities in Canada are exploring how to accelerate delivery of active transportation facilities. These plans employ various strategies which can help inform Hamilton's analysis of the implementation of the Cycling Master Plan.

Council has directed staff to accelerate implementation of the City's Cycling Master Plan staff with four main areas of focus:

- Increasing staff complement to deliver cycling facility projects and conduct streamlined public engagement;
- Developing "Quick-Win" projects that have the characteristics that allow a timely delivery;
- Providing additional funds for current and future projects, as part of the Capital Budget process; and,
- Reprioritizing road resurfacing and construction projects to advance ones that have a cycling component.

In response to Council's direction, staff developed the Accelerated Active Transportation Implementation Plan (herein referred to as "The Accelerated Plan") provides a blueprint for completing additional active transportation projects in a shorter time-period than previous years, with a focus on cycling projects, including multi-use paths and trails. The full report, "Proposed Accelerated Active Transportation Implementation Plan (2024-2028)" can be found in Appendix "B" attached to Report PED24023/PW24002. This plan aims to deliver 143 kilometres of new and upgraded cycling, pedestrian, and trails projects at a total estimated cost of \$60 M, some of which represents previously committed dollars and some of which will be requested through the Capital Budget process and through opportunities for funding from senior levels of government over the next five years. These funds include both standalone cycling projects, as well as projects that will be integrated with other road and transportation projects.

It should be noted that the Accelerated Active Transportation Implementation Plan (2024-2028) represents a first stage in the overall City-wide Integrated Active Transportation Plan which has been initiated and will be completed over the next year. The Active Transportation Plan will update and consolidate the Cycling Master Plan, Pedestrian Mobility Plan, and Recreational Trails Master Plan. Funding for the completion of the Integrated Active Transportation Plan was approved as part of the 2023 budget process.

Appendix "C" attached to Report PED24023/PW24002 provides a list of accelerated projects between 2024-2028 that aim to achieve an average of approximately 30

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kilometres of new and enhanced infrastructure per year. The following two tables provide a breakdown of projects and facility types per year.

**Summary of Accelerated Plan Annual Implementation**

Year	Number of Projects	New Cycling Facility Kilometres	Percent of New Facilities	Enhanced Cycling Facility Kilometres	Percent of Enhanced Facilities	Total Kilometres
2024	16	17.4	86%	2.8	14%	20.1
2025	29	29.8	81%	7.1	19%	36.9
2026	24	29.9	83%	6.3	17%	36.2
2027	28	27.9	85%	4.8	15%	32.7
2028	19	14.4	87%	2.2	13%	16.6
<b>Total</b>	<b>116</b>	<b>119.4</b>	<b>84%</b>	<b>23.2</b>	<b>16%</b>	<b>142.5</b>

**New and Enhanced Facilities by Implementation Year**

Year	New Facilities (kilometres)			Enhanced Facilities (kilometres)			Total New and Enhanced Facilities (kilometres)		
	Separated	Dedicated	Shared	Separated	Dedicated	Shared	Separated	Dedicated	Shared
2024	5.1	1.0	11.3	2.8	0	0	7.8	1.0	11.3
2025	16.2	7.3	6.3	4.8	2.3	0	21.0	9.6	6.3
2026	22.3	7.0	0.6	4.5	1.7	0	26.9	8.7	0.6
2027	25.3	1.2	1.4	4.8	0	0	30.1	1.2	1.4
2028	12.0	0.7	1.7	2.2	0	0	14.2	0.7	1.7
<b>Total</b>	<b>81.0</b>	<b>17.2</b>	<b>21.3</b>	<b>19.1</b>	<b>4.0</b>	<b>0</b>	<b>100</b>	<b>21.2</b>	<b>21.3</b>

The full report in Appendix “B” attached to Report PED24023/PW24002 provides a rational and context for the projects that have been chosen and the breakdown per year.

**APPENDICES AND SCHEDULES ATTACHED**

Appendix “A” to Report PED24023/PW24002 – 2023 Cycling Investments

Appendix “B” to Report PED24023/PW24002 – Proposed Accelerated Active Transportation Implementation Plan (2024-2028)

Appendix “C” to Report PED24023/PW24002 – Proposed Accelerated Active Transportation Implementation Plan (2024-2028) – Project List

Appendix “D” to Report PED24023/PW24002 – Proposed Accelerated Active Transportation Implementation Plan (2024-2028) - Maps