

Strategic Priority Committee

Growth and Infrastructure

Infrastructure and Asset Management

Growth and Infrastructure Committee



INFRASTRUCTURE AND ASSET MANAGEMENT

At-A-Glance Summary Update Table.....3

Ensure that the town has resilient infrastructure to reduce impacts on the community

Prioritize the actions under the Climate Change Adaption Plan to prepare infrastructure "for severe weather and changing climate"	4
Complete Stormwater Management Master Plan and Develop an implementation and funding strategy	5
Continue to maintain/upgrade Town-owned infrastructure based on optimal life and levels of service	7

Ensure that Town assets, infrastructure and services keep pace with population and housing growth

Update the Mobility (Transportation) Master Plan and Implement Active Transportation Master Plan.....	8
Complete Asset Management System (AMIS) Implementation and continue to collect information required for Corporate Asset Management Plan(s)	10
Robert C. Austin Operations Centre Master Plan.....	11

Improve road safety

Implement traffic calming management measures in accordance with Town protocols	12
Advocate for increased police resources for road safety initiatives	14
Speed Limit Reduction Evaluation and Implementation	15
Implement Automated Speed Enforcement (ASE)	16

Maintain and renew green infrastructure

Initiatives are noted under Natural Areas and Heritage Priority area	17
--	----

INFRASTRUCTURE AND ASSET MANAGEMENT		
Initiative	Project Lead	May 2025 Update
Prioritize the actions under the Climate Change Adaption Plan to prepare infrastructure for severe weather and changing climate	Community Services	No update.
Complete Stormwater Management Master Plan and Develop an implementation and funding strategy	Transportation & Public Works	<p>The Final Master Plan Report has been prepared and stakeholder engagement / consultation is complete. The Notice of Master Plan was published on February 5, 2025 and the 30-day comment period is complete. A report to Council on the Stormwater Management Master Plan is anticipated for Q3 2025.</p> <p>The development of an implementation and funding strategy will be informed by the Master Plan but is yet to be scoped or resourced.</p>
Continue to maintain/upgrade Town-owned infrastructure based on optimal life and levels of service	Community Services	<p>Ongoing work as part of Corporate Asset Management Program. Council workshop scheduled in May to review financial impact of LOS and Council report in June for AM Planning for core & non-core assets.</p> <p>Future implementation will require capital funding and staff resources.</p>
Update the Mobility (Transportation) Master Plan and Implement Active Transportation Master Plan	Transportation & Public Works	<p>Council workshop was on April 7, 2025 which included a draft vision and values for the MMP. The Public Information Centre is on May 13, 2025.</p> <p>Ongoing implementation of Active Transportation Master Plan related projects will require continued capital funding.</p>
Complete Asset Management System (AMIS) Implementation and continue to collect information required for Corporate Asset Management Plan(s)	Community Services	<p>Predictor configuration completed and currently rolled out to all departments. Cityworks implementation is ongoing.</p> <p>Future implementation and data collection will require additional funding and staff resources.</p>
Robert C. Austin Operations Centre Master Plan	Transportation & Public Works	No update, ongoing.
Implement traffic calming management measures in accordance with Town protocols	Transportation & Public Works	NTC Implementation report was approved by Council for MacKenzie Smith Bennet neighbourhood. Implementation of speed humps will commence in July/August. All other proposed intrusive traffic calming measures in various areas will be completed in July/August.
Advocate for increased police resources for road safety initiatives	Office of the CAO	No update.
Speed Limit Reduction Evaluation and Implementation	Transportation & Public Works	Implementation of 40km/h neighbourhoods for multiple locations will be completed by September 2025.
Implement Automated Speed Enforcement (ASE)	Transportation & Public Works	ASE Commenced on March 31, 2025.



Infrastructure and Asset Management

Ensure that the town has resilient infrastructure to reduce impacts on the community

Supporting Action, Project or Initiative:	Prioritize the actions under the Climate Change Adaption Plan to prepare infrastructure "for severe weather and changing climate"
Lead Department:	Community Services
Division:	Asset and Energy Management
Description and Status Summary	
Building on the 2018 Facilities Climate Change Vulnerability Assessment, and the 2020 Town Infrastructure Vulnerability Assessment, identify priority actions and determine lifecycle cost assessments on critical infrastructure to determine the appropriate time for replacement or upgrade (Action 1.1.2 in CCAP). Additionally, add climate vulnerability as a component of regular building and infrastructure condition assessments (Action 1.1.3 in CCAP). Joint effort with the Parks, Community Development and Environment division.	
Committee Review	
Timing	Not started and not in 2025 staff workplan. Project deferred due to other workload priorities and resource availability.
Funding	Funding not identified 2025 FUNDING UPDATE: N/A
Staffing	No staff allocated/available to lead implementation of actions.
Linkages	Cross-departmental, involving all Divisions managing infrastructure assets. Stormwater Master Plan.
Risks	Increase risk of impact of climate change/severe weather on Town's assets/infrastructure, risk of service disruption, elevated risk of unplanned infrastructure repair/replacement costs, potential liability.
Outcomes	Improved resiliency of the Town's critical infrastructure; Lower risk of service impacts.

Implementation Support:

Council Report:	CSE-2024-004; ADMIN-2020-0027;
Approved Strategy:	Climate Change Adaptation Plan; Corporate Asset Management Policy; 2022 Core Infrastructure Asset Management Plan; 2024 Non-Core Infrastructure Asset Management
Capital Project:	



Infrastructure and Asset Management

Ensure that the town has resilient infrastructure to reduce impacts on the community

Supporting Action, Project or Initiative:	Complete Stormwater Management Master Plan and Develop an implementation and funding strategy
Lead Department:	Transportation & Public Works
Division:	Engineering Construction
Description and Status Summary	
<p>The Stormwater Master Plan will assess the Town's urban stormwater infrastructure, identifying capacity constraints and opportunities related to managing the Town's stormwater system. The study will provide the Town with an understanding of how the existing stormwater network is functioning, identify capacity vulnerabilities, and inform short and long-range planning to improve stormwater infrastructure. The Draft Storm Water Master Plan report will be presented through a future report to Council. Master Plan projects would be subject to priority-driven budget approval process as other Town projects. Where appropriate, Master Plan recommendations will be addressed in synergy with the Town's planned capital forecast; i.e., combined with road (or other) projects in the area. Further, capital construction projects can be funded through multiple sources, not just the tax base, and other revenue streams are planned to be explored in the future to help fund stormwater projects.</p>	
Committee Review	
Timing	The Final Master Plan Report has been prepared and stakeholder engagement / consultation is complete. The Notice of Master Plan was published on February 5, 2025 and is under a 30-day comment period. Subject to any comments received, a report to Council is anticipated for Q2 2025.
Funding	Funding for the Master Plan study has been established through an approved Capital budget project. 2025 FUNDING UPDATE: N/A
Staffing	Staffing is assigned to complete the Study.
Linkages	Corporate Asset Management Plan, Climate Change Adaption Plan, Legislated through Bill 588/17, Asset Management planning for Municipal Infrastructure.
Risks	The draft study has progressed through the 30-day review period, stakeholder consultation and technical advisory meetings with no significant concerns raised. There is minimal risk in completing the Study.
Outcomes	The Master Plan will identify a list of projects for short and long-term planning, as well as prioritize projects for implementation. The Master Plan Report also recommends the Town undertake a stormwater management financing study to identify a sustainable funding source to implement the Study recommendations.

Implementation Support:

Council Report:	Council Report TPW-2021-0022, July 2021.
Approved Strategy:	
Capital Project:	6200-22-1901 Stormwater Master Plan



Infrastructure and Asset Management

Ensure that the town has resilient infrastructure to reduce impacts on the community

Supporting Action, Project or Initiative:	Continue to maintain/upgrade Town-owned infrastructure based on optimal life and levels of service
Lead Department:	Community Services
Division:	Asset and Energy Management
Description and Status Summary	
The development of asset management processes and procedures, as well as the implementation of the lifecycle management strategy, risk management strategy, and the Level of Service Framework will act as enablers for effective asset management.	
Committee Review	
Timing	The legislated consolidated (core and non-core) asset management plan will be completed in Q2 2025. Once the plan is approved implementation will be a multi-year commitment
Funding	Currently, funding to complete asset management plans is adequate and is reviewed annually, based on needs. 2025 FUNDING UPDATE: N/A
Staffing	Staffing will be assessed after AMIS implementation for 2026 budget for implementation of the asset management plans.
Linkages	Asset Management System (AMIS) Implementation, Pavement Management Program, Stormwater Master Plan.
Risks	Insufficient funding to meet asset lifecycle needs in the form of replacement/upgrades to maintain assets in a “state of good repair” and service delivery.
Outcomes	Appropriate asset replacement/upgrades to meet optimal life cycles and service levels.

Implementation Support:

Council Report:	CSE-2024-004 Corporate Asset Management Program Update and Non-Core Infrastructure Asset Management Plan
Approved Strategy:	Lifecycle Management Strategy Risk Management Strategy Levels of Service Framework
Capital Project:	1410-10-2202 Asset Management Improvements



Infrastructure and Asset Management

Ensure that Town assets, infrastructure and services keep pace with population and housing growth

Supporting Action, Project or Initiative:	Update the Mobility (Transportation) Master Plan and Implement Active Transportation Master Plan
--	--

Lead Department:	Transportation & Public Works
-------------------------	-------------------------------

Division:	Transportation
------------------	----------------

Description and Status Summary

The MMP identifies the long-term Transportation vision, strategic objectives, policy directions, and infrastructure needs to support Town growth. It will further strengthen alignment with the planned urban and rural transportation network. The development of the MMP will position Halton Hills for the next phase of community building to a planning horizon of 2051. The RFP for the MMP has been finalized and evaluation of proposals is underway. A report recommending project award was approved at the December 9, 2024 Council Meeting.

Committee Review

Growth and Infrastructure Committee Meeting - February 25, 2025.

Councillor Keene inquired about the economic impacts of the various Strategic Initiatives, and specifically about the overall economic impact of the Mobility Master Plan. While a general economic assessment is not within scope of the Mobility Master Plan, supporting economic growth and development has been included in the draft vision and values of the Mobility Master Plan which, was agreed upon at the April 7th Council workshop. The efficient movement of both people and goods is key priority. There will be opportunity for Council and the public to provide input as the Plan develops through stakeholder engagements, Public Information Centres and the Let's Talk Halton Hills project page.

Timing	The project started in January 2025. and is estimated to take 18 to 24 months to complete. A Council workshop is scheduled for April 7, 2025.
---------------	---

Funding	The project is funded through the 2024 approved budget. 2025 FUNDING UPDATE: N/A
----------------	---

Staffing	The project will be managed by the Transportation Planning Coordinator and a 3rd party consultant.
-----------------	--

Linkages	Project was approved as part of the 2024 budget. The Terms of Reference was approved through TPW-2025-009
-----------------	---

Risks	Minimal risks in completing the project. However, the timeline may be extended due to public engagement and the election in 2026.
--------------	---

Outcomes	Approved MMP that will provide the necessary transportation infrastructure for all planned growth to 2051.
-----------------	--

Implementation Support:

Council Report:	TPW-2024-009 Mobility Master Plan Draft Terms of Reference
Approved Strategy:	
Capital Project:	6100-22-0102 Transportation Master Plan Update



Infrastructure and Asset Management

Ensure that Town assets, infrastructure and services keep pace with population and housing growth

Supporting Action, Project or Initiative:	Complete Asset Management System (AMIS) Implementation and continue to collect information required for Corporate Asset Management Plan(s)
Lead Department:	Community Services
Division:	Asset and Energy Management

Description and Status Summary

The Asset Management Information System (AMIS) and Asset Data are key technology and data enablers for effective asset management through data analytics, reporting and informed decision-making. AMIS will transform how Town assets are managed and ensure the effective and efficient management of all Town assets, including community centers, arenas, roads, bridges, parks, playgrounds, etc. AMIS consists of three primary components: a centralized GIS- based asset register (ESRI), maintenance management software (Cityworks) and asset management planning software (Predictor). AMIS will facilitate the integration of growth and future demands into current and future asset requirements. The outputs of AMIS will be used to develop corporate asset management plans, and forecasts to drive the capital and operating budgeting processes.

Committee Review

Timing	Currently, the AMIS project is in the configuration and implementation stage, with various service areas engaged in each of the AMIS components. The planned completion date for the implementation is scheduled for Q2 2025. Collection of detailed asset data to fill some remaining data gaps and maintenance of existing data will be ongoing.
Funding	Funding is established for the implementation and configuration of ESRI, Cityworks and Predictor. Funding has not been specifically allocated for the collection of remaining detailed asset data gaps. 2025 FUNDING UPDATE: N/A
Staffing	Staffing for the initial implementation and configuration of ESRI, Cityworks and Predictor is established. Additional staff resources will be required for ongoing AMIS implementation and optimization, as the size and complexity of the Town's asset portfolio continues to grow.
Linkages	Corporate Asset Management Plans and related legislation.
Risks	Insufficient resources to complete or delays in completing detailed asset inventory collection and maintain/manage data in different services areas.
Outcomes	Supports compliance with legislation, improved management of assets, and asset-related financial planning.

Implementation Support:

Council Report:	CSE-2024-004 Corporate Asset Management Program Update and Non-Core Infrastructure Asset Management Plan
Approved Strategy:	Data Management Strategy
Capital Project:	1801-10-2401 AMIS System Implementation



Infrastructure and Asset Management

Ensure that Town assets, infrastructure and services keep pace with population and housing growth

**Supporting Action,
Project or Initiative:**

Robert C. Austin Operations Centre Master Plan

Lead Department:

Transportation & Public Works

Division:

Public Works

Description and Status Summary

The Robert C. Austin Operations Centre Master Plan is required to develop a long term plan to address the current and future needs associated with operations, staffing and storage (equipment, salt, sand, snow, stock materials, etc.) for Public Works and Transit services, and to assess the extent to which future needs can be accommodated within the current facility footprint. A key consideration will be future electrification of the Town's fleet.

Committee Review

Timing

Q4 2024 through 2025

Funding

Funding Approved by Council \$200,000
2025 FUNDING UPDATE: N/A

Staffing

In Staff workplan.

Linkages

Coordinating with the "Town Fleet Electrification/Low Carbon Transition" study, completing in fall 2024.

Risks

Purchasing Process uncertainty regarding RFP responses and proposal costs.

Outcomes

High-level plans for future development of operations centre(s) and forecasted financial needs.

Implementation Support:

Council Report:

N/A

Approved Strategy:

N/A

Capital Project:

6500-22-2201 Robert C. Austin Ops Centre Plan



Infrastructure and Asset Management

Improve road safety

Supporting Action, Project or Initiative:	Implement traffic calming management measures in accordance with Town protocols
Lead Department:	Transportation & Public Works
Division:	Transportation
Description and Status Summary	
Various Neighbourhood Traffic Calming Projects completed/underway: 1. Neighbourhood Traffic Calming (NTC) Projects - Limehouse, Confederation St, Queen Street 2. School Zone Traffic Calming (TC) - Miller Dr, Duncan Dr, Main St Glen W, 22 Side Rd, 5 Side Rd 3. Implementation of Permanent Radar Message Boards on Rural Roads 4. New Pedestrian Crossovers - Barber and Woodcote, River and John, Meadowglen and Herb Wild, McNally and Grist Mill 5. Speed Humps - Churchill Road North between Tanners Drive and Norman Avenue, Cobblehill Road between Victoria Avenue and Main Street South 6. Flexible Bollards - Prince Street between Barraclough Boulevard and Main Street, Meadowglen Boulevard between Mountainview Road North and Sutcliff Lane, Mountainview Road North adjacent to 222 Mountainview Road (Seniors Residence), Berton Boulevard between Johnson Crescent and Atwood Avenue	
Committee Review	
Timing	NTC projects are in the stage of post implementation review. School Zone TC projects have been implemented.
Funding	Capital project funding exists for each program. 2025 FUNDING UPDATE: Additional projects were approved through the 2025 Capital Budget, including: traffic calming review for Downtown Georgetown, implementation of traffic calming at Mackenzie Smith Bennet neighborhood and Centennial Public School, speed cushion on Maple Avenue between Mountainview Road North and the Fire Station, neighbourhood traffic calming in Ballinafad on 32 SR and South Winds.
Staffing	Existing. Traffic Coordinator Road Safety, Traffic Technologist, Traffic Analyst
Linkages	Neighbourhood Traffic Calming Protocol. Report No ; TPW-2022-0013, Traffic Engineering Workplan
Risks	Noise pollution, residents unhappy with the measures near their residence. Implementation of Pedestrian crossovers could trigger the need for more school crossing guards and additional funding.
Outcomes	Increase safety and livability in local neighbourhoods and communities

Implementation Support:

Council Report:	GW Traffic Calming Report #TPW-2022-0020; Limehouse NTC - TPW-2024-007; All projects are listed in 2024 Traffic Eng Workplan Report # TPW-2024-002
Approved Strategy:	N/A
Capital Project:	6100-28-1516 Traffic Calming, 6100-16-0103 School Traffic Calming Program, 6100-28-1703 Pedestrian Crossings



Infrastructure and Asset Management

Improve road safety

Supporting Action, Project or Initiative:	Advocate for increased police resources for road safety initiatives
Lead Department:	Office of the CAO
Division:	0
Description and Status Summary	
An initiative for Members of Council to continue to advocate for increased Police resources.	
Committee Review	
Timing	N/A
Funding	N/A
Staffing	N/A
Linkages	N/A
Risks	N/A
Outcomes	N/A

Implementation Support:

Council Report:	N/A
Approved Strategy:	N/A
Capital Project:	N/A



Infrastructure and Asset Management

Improve road safety

Supporting Action, Project or Initiative:	Speed Limit Reduction Evaluation and Implementation
Lead Department:	Transportation & Public Works
Division:	Transportation
Description and Status Summary	
<p>This project identifies local and collector classified roads that qualify for a speed reduction in accordance with the 40 km/h Speed Limit Area Policy. The project is a multi-year program that implements neighbourhood areas to 40km/h within the Town. A further review and feasibility assessment was conducted to consider 30km/h speed limits within the Town. The 30 km/h speed limit feasibility report approved by Council indicated that the implementation of 40km/h neighbourhoods and school traffic calming be completed prior to the installation of 30km/ speed limits in school zones.</p>	
Committee Review	
Timing	The 40 km/h neighbourhood area speed limit implementation is a multi-year project with approximately 30 locations to be completed in 2025. The 30 km/h recommendation was to defer the implementation in school zones until other projects have been completed.
Funding	Existing capital project for 40 km/h speed limit area implementation. Future implementation of the 30 km/h will require new funding in a future budget year. 2025 FUNDING UPDATE: N/A
Staffing	Existing - Traffic Coordinator Road Safety and Traffic Technologist
Linkages	40 km/h Area Speed Limit Implementation Policy, 30 km/h Feasibility Study
Risks	Vandalism, community acceptance, the need for additional traffic calming measures as drivers are non-compliant, need for Automated speed enforcement may be required along with Police enforcement.
Outcomes	Increase safety and livability in local neighbourhoods and communities within HH.

Implementation Support:

Council Report:	TPW-2022-0033 TPW-2024-008
Approved Strategy:	N/A
Capital Project:	6100-18-2301 40km/h Speed Limit Area Implementation



Infrastructure and Asset Management

Improve road safety

Supporting Action, Project or Initiative:	Implement Automated Speed Enforcement (ASE)
Lead Department:	Transportation & Public Works
Division:	Transportation
Description and Status Summary	
ASE is another tool to reduce the operating speeds on roadways where a camera is installed. It will be implemented on roadways where Community Safety Zones exist. The webpage is now active with FAQ's in place.	
Committee Review	
Timing	The program will begin issuing penalty notices in March 2025 with the implementation of one camera. Expansion of the program will be reviewed in 2025 and reported back to Council through the 2026 budget process.
Funding	The program has approved funding through operating and capital budget. 2025 FUNDING UPDATE: ASE Coordinator and Administrative Monetary Penalty system (AMPS) staff to manage the program were approved by Council through the 2025 Budget.
Staffing	Existing Traffic Coordinator staff along with proposed ASE Coordinator in 2025. Additional enforcement staff required to manage the projected violations and managing tickets (included in 2025 budget).
Linkages	Various Council reports and memos regarding the program and has also been included in the Traffic Engineering workplan.
Risks	Vandalism, number of allowed tickets, managing the demand for deployment throughout the zones, community acceptance, recuperating the operational cost.
Outcomes	Increase safety and livability in local neighbourhoods and communities within HH.

Implementation Support:

Council Report:	TPW-2022-0001 TPW-2022-0022 Memo TPW-2023-0001
Approved Strategy:	N/A
Capital Project:	6100-10-2301 Automated Speed Enforcement



Infrastructure and Asset Management

Maintain and renew green infrastructure

Supporting Action, Project or Initiative:	Initiatives are noted under the Natural Areas and Heritage Priority area	
Lead Department:	0	
Division:	0	
Description and Status Summary		
Initiatives are noted under the Natural Areas and Heritage Priority area		
Committee Review		
Timing	N/A	
Funding	N/A	
Staffing	N/A	
Linkages	N/A	
Risks	N/A	
Outcomes	N/A	

Implementation Support:

Council Report:	N/A
Approved Strategy:	N/A
Capital Project:	N/A