VAUGHAN

TRANSPORTATION AND INFRASTRUCTURE ADVISORY COMMITTEE – SEPTEMBER 18, 2024

COMMUNICATIONS

Distributed September 18, 2024		Item
C1.	Updated Action Log.	1
C2.	Action Log.	1
C3.	Presentation material.	2

Disclaimer Respecting External Communications
Communications are posted on the City's website pursuant to Procedure By-law Number 7-2011. The City of Vaughan is not responsible for the validity or accuracy of any facts and/or opinions contained in external Communications listed on printed agendas and/or agendas posted on the City's website.

Please note there may be further Communications.

C1
Communication
Transportation and Infrastructure
Advisory Committee – September 18, 2024
Item No. 1

Transportation and Infrastructure Advisory Committee – Action Log

Key Themes & Priorities – TO BE CONFIRMED by Transportation and Infrastructure Advisory Committee (TIAC) May 27, 2024

1	Data Management and KPI Tracking
2	Encourage Sustainable Transportation
4	Advocacy

May 2024

No.	Action	Priority Areas	TIAC Action/Notes	City Staff Action/Notes
1	Data Management and KPI Tracking	A. Collect and analyze additional sources of transportation data such as Open Data, GPS, Bluetooth, embedded sensors and commercially available datasets.	• Act as a stakeholder and support development of Transportation Planning Data Management Strategy.	Coordinate a presentation on Transportation Planning Data Management Strategy
		B. Incorporate data collection devices into all transportation construction projects.		
2.	Encourage Sustainable Transportation	A. MoveSmart Mobility Management Strategy, specifically the Road Safety Program, the Sustainable Mobility Program, and the Active School Travel Pilot to encourage greater use of alternative modes	• Review background and reports	• Provide updates on any on-going Neighbourhood Traffic Calming Plans • Provide March 2024 Council Report
		B. Implement recommendations of the Pedestrian and Bicycle Master Plan, including providing separated pedestrian and cycling	• Review background and reports	• Provide March 2024 Council Report

1	Data Management and KPI Tracking
3	Encourage Sustainable Transportation
4	Advocacy

No.	Action	Priority Areas	TIAC Action/Notes	City Staff Action/Notes
		facilities consistent with the Contextual Guidance for Selecting All Ages and Abilities Cycling Facilities.		
		C. Continue implementing the Transportation Demand Management Guidelines which encourage new developments to incentivize transit ridership, and provide bicycle parking and amenities.	• Review tool-kit and provide comments/recommendations for improvement.	• Coordinate presentation on TDM tool-kit
		D. Encourage and promote development in intensification areas and corridors by reducing reliance on single-occupant vehicles through lowered mandatory parking requirements for residents, increasing transit frequency and affordability, and enhancing transit and active transportation coverage and safety.		
3	Investigate new or enhance existing non-fare transit revenue to fund future improvements.	A. Recommend that this report be forwarded to York Region and request that comments / actions be communicated to a future Council meeting.	• Review opportunities and make recommendations	• Investigate any current available funding options.

1	Data Management and KPI Tracking
3	Encourage Sustainable Transportation
4	Advocacy

C2
Communication
Transportation and Infrastructure
Advisory Committee – September 18, 2024
Item No. 1

Transportation and Infrastructure Advisory Committee – Action

Key Themes – CONFIRMED by Transportation and Infrastructure Advisory Committee (TIAC) at March 18, 2024 meeting

1	Data Management and KPI Tracking
2	Improved Transit
3	Encourage Sustainable Transportation
4	Advocacy to the Province

Action Category Definitions:

Reaffirm Support – Reaffirm original action and send back to City staff to continue their implementation

Prioritize for TIAC – Action is to be further explored, update as required and identified as New Action for 2022-2026 TIAC

Close Action – Action has been fulfilled and no longer active.

March 18, 2024

No.	Action	Action Category	Background	TIAC Action/Notes
1.	Incentivize major employment developments within the City so that residents can live and work in Vaughan.	Reaffirm Support ☐ Prioritize for TIAC ☒ Close Action ☐	Through the official plan review City staff will propose policies that continue to protect the City's employment lands from being converted to other uses and that permit greater flexibility with respect to land uses in employment lands to enhance their long-term viability. Vaughan Economic Development is partner in the recently launched Mobility Demonstration Zone which supports small and medium-sized enterprises in advancing automotive and smart	• **Land use is managed through the City's Official Plan** • **Follow up with Land use schedule to AC** • **Protect wide variety of employment areas to ensure employment and transportation network supports the appropriate land use** • **Balance employment with residential** **TIAC ACTION:** • **Prioritize and move forward for further discussion.**

1	Data Management and KPI Tracking
2	Improved Transit
3	Encourage Sustainable Transportation
4	Advocacy to the Province

No.	Action	Action Category	Background	TIAC Action/Notes
			mobility. Please see June 2023 Council report for more details.	**CITY STAFF ACTION:** • **Provide current Land use schedule** • **Provide regular updates on conversion applications – employment to residential**
2.	Implement the Rutherford Maple GO Mobility On-Request Pilot Project to reduce the number of transit users who drive and park at GO stations.	Reaffirm Support ☒ Prioritize for TIAC ☐ Close Action ☐	Pilot Project in service from May 2022 to May 2023. Service adopted by YRT as of May 2023 Please see related communication for more details.	• **Concern around whether a new pilot would be viable and cost effective.** • **WFH impacting GO ridership, lower than pre-COVID** • **Parking at GO stations is not fully utilized.** • **YRT – check in on 2025 service** • **YRT – questions on how pilots are communicated to public** • **Recommend greater visibility on first and last mile options to destinations – GO transit stations** **TIAC ACTION:** • **Reaffirm Support** **CITY STAFF ACTION:** • **Upon request, coordinate with YRT to present to TIAC.**
3.	Implement the MoveSmart Mobility Management Strategy, specifically the Road Safety Program, the Sustainable Mobility	Reaffirm Support ☒ Prioritize for TIAC ☐ Close Action ☐	The Neighbourhood Traffic Calming Plan is underway and expected to be completed in 2024. This Plan will update the City's existing Neighbourhood Traffic Calming Policy and Procedure, create a toolbox of traffic calming measures, and	• **Request YRP participation – interest in status of enforcement results of Traffic Calming Plans** • **YRP key stakeholder member in Traffic Calming Plans**

1	Data Management and KPI Tracking
2	Improved Transit
3	Encourage Sustainable Transportation
4	Advocacy to the Province

No.	Action	Action Category	Background	TIAC Action/Notes
	Program, and the Active School Travel Pilot to encourage greater use of alternative modes.		update design guidelines and engineering standards. The City continues to implement the Speed limit Policy and to identify neighbourhood areas and streets for speed revision. York Region Traveller Safety Plan is expected to be completed by end of 2023. Automated Speed Enforcement Program is underdevelopment, with community safety zones. A report is planned for Q4 2023 to provide an update. The Active School Travel pilot program ran successfully from May 2022-June 2023 in eight schools across all of Vaughan's five wards. Through the Safer School Zone Plan a comprehensive review of the Active School Travel Pilot Program is underway. Through this plan, and with ongoing collaboration with the program partners, the City will continue to find ways to improve the program with anticipated expansion in other school areas.	• **AC – interested in seeing all related Council Reports** • **Receive progress reports** **TIAC ACTION:** • **Reaffirm Support** • **Review background and reports** **CITY STAFF ACTION:** • **Provide updates on any on-going Neighbourhood Traffic Calming Plans**

1	Data Management and KPI Tracking
2	Improved Transit
3	Encourage Sustainable Transportation
4	Advocacy to the Province

No.	Action	Action Category	Background	TIAC Action/Notes
			Maintaining Cycling facilities through pavement markings program. The MoveSmart annual report is planned for March 2024 to provide Council with an update on the MoveSmart initiatives.	
4.	Design streets for people of all ages and abilities consistent with the Pedestrian and Bicycle Master Plan, the upcoming Vaughan Complete Streets Guidelines, and the future update of the Engineering Design Criteria and Standard Drawings.	Reaffirm Support ☒ Prioritize for TIAC ☐ Close Action ☐	Vaughan Complete Streets Guidelines was endorsed by Council in January 2024 and related Communication can be reviewed here. Next steps include finalizing the update to the City's Engineering Design Criteria and Standard Drawings which are scheduled to be completed in Q2 2024.	**TIAC ACTION:** • **Reaffirm Support** **CITY STAFF ACTION:** • **Nothing further at this time.**
5.	Implement recommendations of the Pedestrian and Bicycle Master Plan, including providing separated pedestrian and cycling facilities consistent with the Contextual Guidance	Reaffirm Support ☒ Prioritize for TIAC ☐ Close Action ☐	New pedestrian and cycling facilities continue to be designed consistent with the Contextual Guidance.	**TIAC ACTION:** • **Reaffirm Support** • **Review recent Council Report** **CITY STAFF ACTION:** • **Attach March 2024 Council Report**

1	Data Management and KPI Tracking
2	Improved Transit
3	Encourage Sustainable Transportation
4	Advocacy to the Province

No.	Action	Action Category	Background	TIAC Action/Notes
	for Selecting All Ages and Abilities Cycling Facilities.			
6.	Continue implementing the Transportation Demand Management Guidelines which encourage new developments to incentivize transit ridership, and provide bicycle parking and amenities.	Reaffirm Support ☐ Prioritize for TIAC ☒ Close Action ☐	Staff consistently request all development applications to review TDM Guideline and Toolkit and provide TDM and active transportation measures as applicable to their sites.	• **Need to consider how micromobility devices are stored – include in TDM guidelines – how designed and incorporated into development applications** • **Ensure TDM guidelines and requirements result in meaningful results** • **Bring back more information on toolkit – AC to review and make recommendations** • **Development Engineering to provide presentation** • **Transit information included as new developments and scaled appropriately** • **Transit monitors – next departures should be included at VMC** **TIAC ACTION:** • **Prioritize Action** • **Review TDM Toolkit and move forward for further discussion.** **CITY STAFF ACTION:** • **Coordinate staff presentation on TDM Tool Kit**

1	Data Management and KPI Tracking
2	Improved Transit
3	Encourage Sustainable Transportation
4	Advocacy to the Province

No.	Action	Action Category	Background	TIAC Action/Notes
7.	Implement a transportation pilot program which will test new forms and methods of offering non-auto travel to residents and businesses.	Reaffirm Support ☒ Prioritize for TIAC ☐ Close Action ☐	Report to Council on the Transportation Innovation Program in June 2023. Please see Communication for more details.	**TIAC ACTION:** • **Reaffirm Support** **CITY STAFF ACTION:** • **Nothing further at this time.**
8.	Encourage and promote development in intensification areas and corridors by reducing reliance on single-occupant vehicles through lowered mandatory parking requirements for residents, increasing transit frequency and affordability, and enhancing transit and active transportation coverage and safety.	Reaffirm Support ☐ Prioritize for TIAC ☒ Close Action ☐	Staff continue working with Applicants to encourage provision of parking supply do not exceed the minimum parking requirements for each land use and the implementation of safe active transportation facilities with each development application. The City's official plan policies promote intensification along its intensification corridor's that contain higher order transit like the subway, GO and BRT lines. These areas will be further intensified through the City's updated official plan in accordance with Provincial and Regional land use planning policy	• **Protect green space and parkland to ensure livable city** • **Ensure that densities and infrastructure are planned to support transit** • **AC supports "transit oriented development"** **TIAC ACTION:** • **Prioritize Action** **CITY STAFF ACTION:** • **Nothing further at this time.**
9.	Improve safety at pedestrian crossings through the MoveSmart Mobility Management	Reaffirm Support ☐ Prioritize for TIAC ☒	Pedestrian Enhancement Plan expected to launch in Q4 2023.	**TIAC ACTION:** • **Prioritize Action** **CITY STAFF ACTION:** • **Nothing further at this time.**

1	Data Management and KPI Tracking
2	Improved Transit
3	Encourage Sustainable Transportation
4	Advocacy to the Province

No.	Action	Action Category	Background	TIAC Action/Notes
	Strategy, including the consideration of improved pavement markings, providing pedestrian signals and/or countdown timers, incorporating leading pedestrian intervals at signalized intersections and implementing pedestrian "scramble" phases at appropriate locations.	Close Action ☐	Continue to implement new pedestrian crosswalks through pavement markings program in 2024. Continue to implement pedestrian countdown timers at signalized intersection. Continue to identify pedestrian crossovers for implementation through traffic operational studies, corridor reviews, and neighbourhood area traffic studies	
10.	Incorporate mixed-use or residential developments above and surrounding existing or new parking structures at transit hubs.	Reaffirm Support ☒ Prioritize for TIAC ☐ Close Action ☐	New policies to support mixed-use or residential above parking structures and transit hubs may be incorporated through Phase 2 of the official plan review.	**TIAC ACTION:** • **Reaffirm Support** **CITY STAFF ACTION:** • **Nothing further at this time.**
11.	Design signalized intersections along the BRT corridors for all ages and abilities with adequate signal timing plans to manage conflicts between u-turning and right-turning vehicles.	Reaffirm Support ☒ Prioritize for TIAC ☐ Close Action ☐	Major BRT corridors are along regional roads and York Region transit is operated by the Region. City staff will continue to work with the Region on road reconstruction projects, corridor operational studies, and signal timing coordination.	**TIAC ACTION:** • **Reaffirm Support** **CITY STAFF ACTION:** • **Nothing further at this time.**

1	Data Management and KPI Tracking
2	Improved Transit
3	Encourage Sustainable Transportation
4	Advocacy to the Province

No.	Action	Action Category	Background	TIAC Action/Notes
12.	Develop a set of guidelines for micro-mobility devices including where and how they are permitted to operate, park, and charge, and an appropriate licensing regime.	Reaffirm Support ☐ Prioritize for TIAC ☒ Close Action ☐	September 2023 Council endorsed to updated by-law to allow e-bikes and e-scooters to operate in designated cycling facilities, and to initiate a shared e-bike/e-scooter pilot project. Please see related Communication for more details.	• **Ensure that microbility devices are stored safely** • **Sticker on devices that meet Provincial standards.** • **Voluntary standards for certification – concern on safety of devices** • **Regulations have not kept pace with innovation** • **Provide presentation on microbility pilot at later meeting.** • **Ebikes and escooters – only devices approved as part of by-law update.**
13.	Incorporate charging facilities for electric vehicles at existing and new parking lots, and at all City facilities.	Reaffirm Support ☒ Prioritize for TIAC ☐ Close Action ☐	The City of Vaughan's application to the Zero Emission Vehicle Infrastructure Program (ZEVIP) has been conditionally approved for funding. The application includes 50% reimbursement up to $230,000 for 23 dual-head charging stations/46 EV connections. The new Carville Community Centre will have 12 connections. Facility Management will be submitting a Capital request for 2024 for an EV	**TIAC ACTION:** • **Reaffirm Support** **CITY STAFF ACTION:** • **Nothing further at this time.**

1	Data Management and KPI Tracking
2	Improved Transit
3	Encourage Sustainable Transportation
4	Advocacy to the Province

No.	Action	Action Category	Background	TIAC Action/Notes
			charging program, complete with developing a strategy plan for the city as well funding for EV charging infrastructure and EV chargers.	
14.	Reduce minimum parking requirements in identified intensification areas and corridors, major transit station areas, etc. as currently prescribed in the Vaughan Comprehensive Zoning By-Law No. 001-2021.	Reaffirm Support ☒ Prioritize for TIAC ☐ Close Action ☐	PPSP will propose reduced parking standard for intensification areas through the official plan review; as these areas are located along rapid transit corridors.	• **AC supports reducing parking requirements to support other modes of travel** **TIAC ACTION:** • **Reaffirm Support** **CITY STAFF ACTION:** • **Nothing further at this time.**
15.	Collect and analyze additional sources of transportation data such as Open Data, GPS, Bluetooth, embedded sensors and commercially available datasets.	Reaffirm Support ☐ Prioritize for TIAC ☒ Close Action ☐	A project to develop a data management strategy is being initiated in Q1 2024 which will include data collection and new technologies. Department roles and responsibilities will be refined through development of the program.	• **Include KPIs/tracking** • **Public facing – information available to the public** • **Demonstrate how achieving goals** **TIAC ACTION:** • **Prioritize Action** **CITY STAFF ACTION:** • **Coordinate a presentation on Transportation Data Management Strategy**
16.	Incorporate data collection devices into all	Reaffirm Support ☐ Prioritize for TIAC ☒	Upon the completion of the Transportation Data Management Strategy, Infrastructure Delivery will be	• **Data can help prioritize construction road projects**

1	Data Management and KPI Tracking
2	Improved Transit
3	Encourage Sustainable Transportation
4	Advocacy to the Province

No.	Action	Action Category	Background	TIAC Action/Notes
	transportation construction projects.	Close Action ☐	tasked with relevant implementation recommendations.	• **Identify projects that can include data collection** **TIAC ACTION:** • **Prioritize Action** **CITY STAFF ACTION:** • **Coordinate a presentation on Transportation Data Management Strategy**
17.	Encourage more pedestrian-only streets within the City.	Reaffirm Support ☐ Prioritize for TIAC ☒ Close Action ☐	Staff to investigate opportunities for pedestrian-only streets as part of on-going and future Secondary Plan studies.	• **AC supports pedestrian-only streets** • **AC to review any potential locations that are being recommended** **TIAC ACTION:** • **Reaffirm Support** **CITY STAFF ACTION:** **Provide updates on any purposed pedestrian-only street applications.**
18.	Advance discussions with Metrolinx and neighbouring transit agencies with respect to fare integration, distance-based fares and minimizing additional	Reaffirm Support ☐ Prioritize for TITF ☐ Close Action ☒	Recommend that this report be forwarded to York Region and request that comments / actions be communicated to a future Council meeting.	**Action is complete and archived.** • **Fare integration is a pilot program to 2026** • **Future members may need to re-assess if program not**

1	Data Management and KPI Tracking
2	Improved Transit
3	Encourage Sustainable Transportation
4	Advocacy to the Province

No.	Action	Action Category	Background	TIAC Action/Notes
	fares across jurisdictional boundaries.			
19.	Explore innovative ways to improve congestion at major intersections in Vaughan.	Reaffirm Support ☒ Prioritize for TIAC ☐ Close Action ☐	Staff continue to work with the Region on Regional Road reconstruction projects to improve intersections to add intersection capacity and implement the MoveSmart programs.	• **Balance with pedestrian safety** • **VMC – balance level of service with cars vs. alternative modes of travel** **TIAC ACTION:** • **Reaffirm Support** **CITY STAFF ACTION:** • **Nothing further at this time.**
20.	Eliminate lane reductions on arterial roadways between signalized intersections.	Reaffirm Support ☐ Prioritize for TIAC ☒ Close Action ☐	Staff continue to work with York Region and the Province to advocate for improved capacity within the transportation system through planned road improvements, new road construction and targeted bridge enhancements to resolve bottlenecks and reduce gridlock. An example of this how the City Is advocating for 6 general purpose lanes and 2 BRT lanes on Highway 7 between Wigwoss and Kipling Avenue. Please see the April 2023 Communication for more details.	• **Consolidate with general support for sustainable transportation and/or with advocacy to Region.** **TIAC ACTION:** • **Prioritize** **CITY STAFF ACTION:** • **Nothing further at this time.**
21.	Investigate new or enhance existing non-fare	Reaffirm Support ☐	Recommend that this report be forwarded to York Region and request	• **Opportunity to offer concessions at GO stations and City facilities**

1	Data Management and KPI Tracking
2	Improved Transit
3	Encourage Sustainable Transportation
4	Advocacy to the Province

No.	Action	Action Category	Background	TIAC Action/Notes
	transit revenue to fund future improvements.	Prioritize for TIAC ☒ Close Action ☐	that comments / actions be communicated to a future Council meeting.	• **City owns lands around GO stations to ensure appropriate development supports transit** • **Developer pays additional fees to support/subsidize transit** • **Promote an underground PATH system – supported by business – City to benefit from revenue generated** • **PATH system should be active outside of business hours.** **TIAC ACTION:** • **Prioritize** **CITY STAFF ACTION:** • **City staff to complete a scan of potential opportunities**

C3
Communication
Transportation and Infrastructure
Advisory Committee – September 18, 2024
Item No. 2

Transportation & Infrastructure Advisory Committee

September 18, 2024

MOBILITY ACTION PLAN

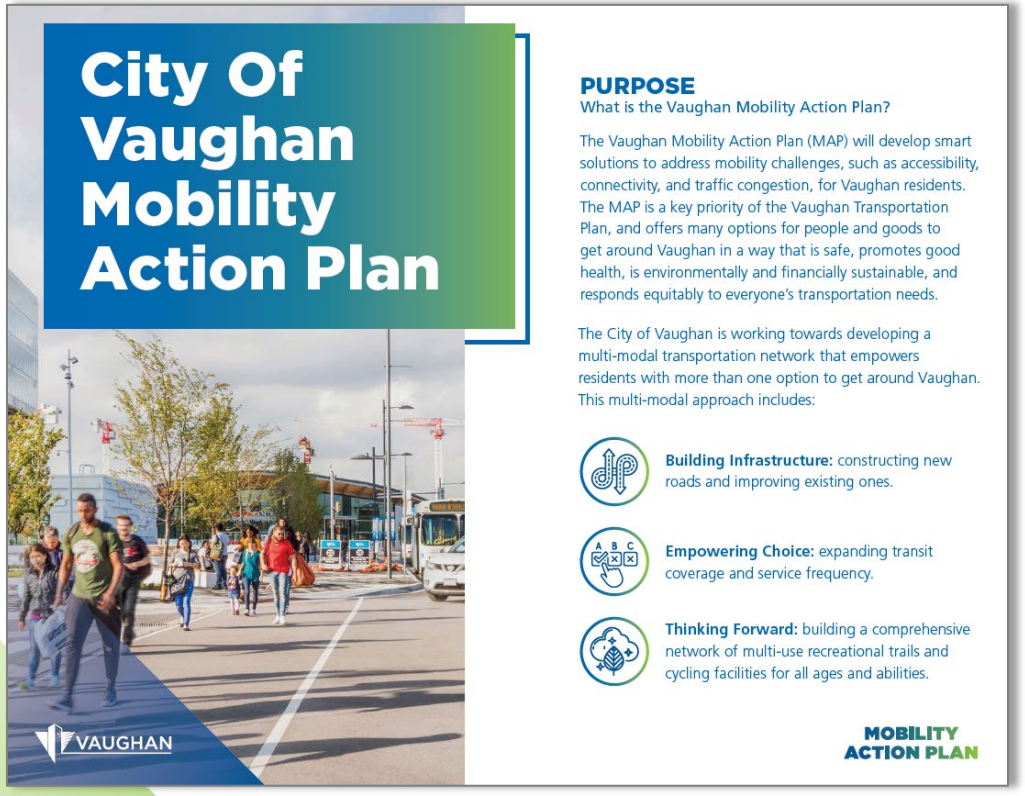
VAUGHAN

Agenda

- Introduction to Mobility Action Plan (MAP)
- Introduction to Transportation Planning Data Management Strategy

What is the Mobility Action Plan?

Develop smart solutions to address mobility challenges, such as accessibility, connectivity and traffic congestion.

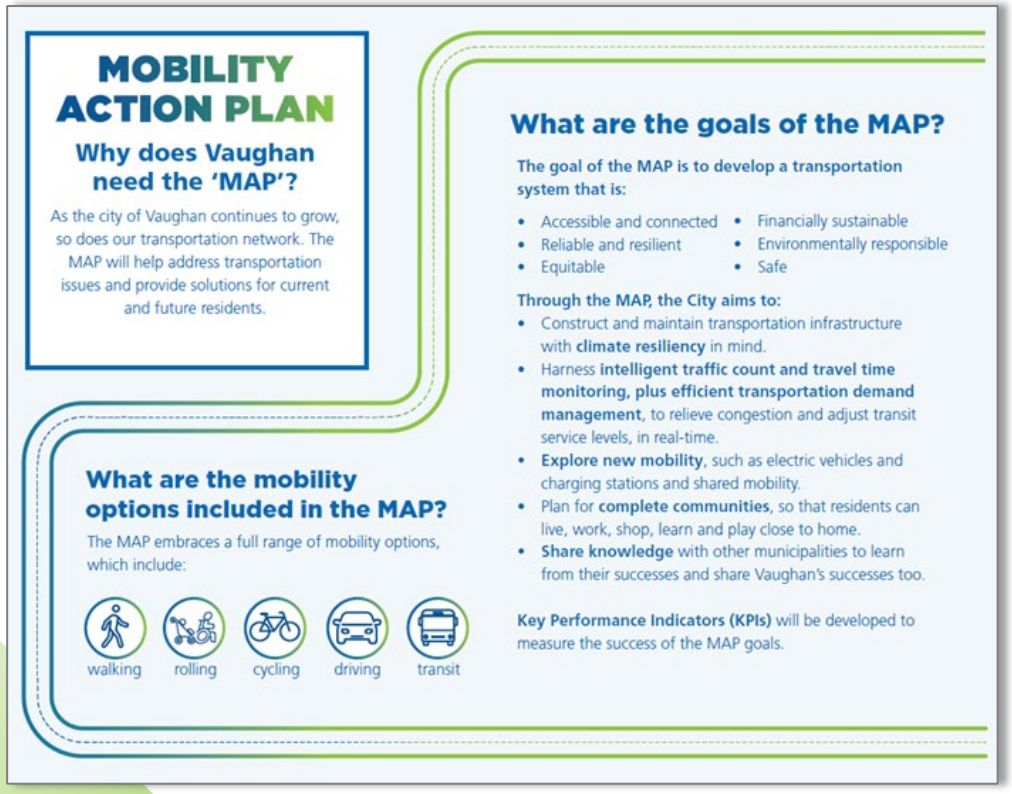


- Building Infrastructure
- Empowering Choice
- Thinking Forward

MOBILITY ACTION PLAN VAUGHAN

Why do we need a Mobility Action Plan?

As the City continues to grow, so does the transportation network. MAP will address these transportation issues.



- Accessible and connected
- Reliable and resilient
- Equitable
- Financially sustainable
- Environmentally responsible
- Safe

What are we currently working on?

The MAP is divided into 6 distinct and yet integrated tasks.

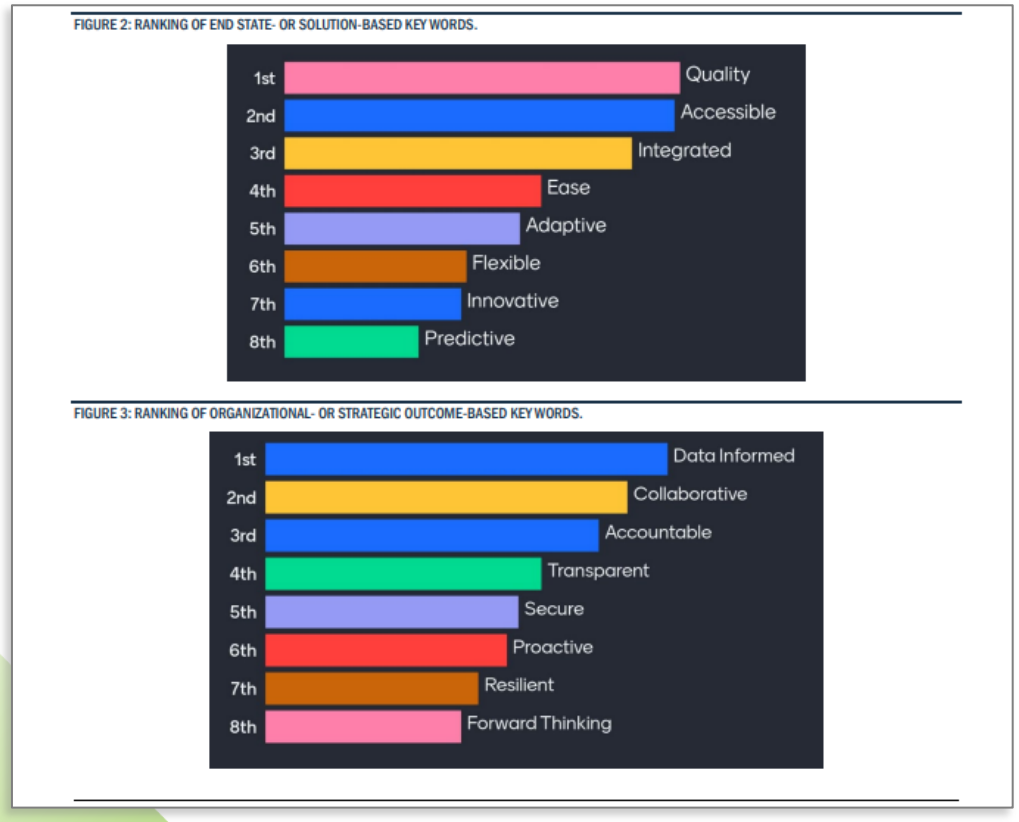
- Task 1 – Develop the framework for the Mobility Action Plan
- Task 2 – Support for Transportation Innovation Program
- Task 3 – Develop Education and Outreach Strategy
- Task 4 – Develop a micromobility pilot program
- Task 5 – Develop a public EV charging station strategy
- Task 6 – Support an internal Sustainable Transportation Action Team

Task 3 – Education & Outreach Strategy

The role of the Transportation and Infrastructure Advisory Committee

- What activities would you like the City to participate in?
  - How and where would you like to see the City engage with the community?
- What and how would you like to receive communications?
  - Youth?
  - Older adults?
- What take home materials are useful to reinforce sustainable transportation?

What is the Transportation Planning Data Management Strategy?



A strategy to identify actions to create a comprehensive and high-quality multi-modal database. This database will enable the City to monitor the progress of the 2023 Vaughan Transportation Plan and the MoveSmart Mobility Management Strategy, assess the overall operational health of the transportation system, and make significant advancements towards the goal of becoming a Smart City.

Data Management Strategy

The role of the Transportation and Infrastructure Advisory Committee

- What types of transportation data should the City be collecting?
- What transportation data should be available to the public?
  - How should the data be presented?
  - Dashboards?
- What are barriers to collecting transportation planning data?
- How to ensure the strategy is future ready?

Next Steps

Mobility Action Plan

- Proceed with all 6 tasks
  - Soft launch of Education & Outreach Strategy in Q1 2025
  - Launch micromobility pilot Q2 2025
- Update Council with all 6 tasks as part of annual Vaughan Transportation Plan update

Transportation Planning Data Management Strategy

- Conduct stakeholder interviews
  - Privacy, legal and IT
- Update Council as part of annual Vaughan Transportation Plan update
- Draft strategy Q4 2025

Q&A

Thank you!