

To: Mayor and Members of Council
From: James Ridge, City Manager
Date: January 29, 2018
Re: Update on the work on Transportation Planning

This memo provides an update to Council on the work on Transportation Planning (which contains both the Transit and Cycling Plans) to support the Official Plan and Mobility Hubs Plans. As noted in previous discussions, the Transportation Planning work implements the Official Plan. Adoption of the Official Plan is an important and necessary step to completing the work outlined below. This is a summary of ongoing work:

1. **Transportation Plan “New Directions”** – These were presented to Council in 2016 spelled out priorities – Walking, cycling and transit infrastructure will require investment to support the city's future growth. These new directions were communicated to the public in 2017.
 - Fully align Land use and transportation
 - Rethink streets
 - Reprioritize mobility choices
 - No new street capacity
 - Make walking more enjoyable
 - Make cycling more enjoyable
 - Make public transit more enjoyable
 - Walk the talk (budget)
2. **Integrated Transit Mobility Plan (April 2018)** – This plan will support the frequent transit corridors identified in the OP, increase ridership and modal share. The Official Plan will set the direction for the Integrated Transit Mobility Plan work. More in-depth work on the transit plan going forward is required to develop a phased in approach to the new transit network and required budget.
3. **QEW Prosperity Corridor Study – (2018/19)** – The City, Region and Province will be completing work on a plan to develop traffic projections, identify and fund transportation infrastructure along the corridor to facilitate the City's future employment targets.
4. **Cycling Master Plan Update (Q3 2018)** – Currently underway and folded into the Transportation Plan. Goal is to identify a grid network of cycling infrastructure along the arterial road network and across the QEW that will contribute to an increase in the cycling modal share.
5. **Mobility Hubs Transportation Plans (Q3 2018)** – These are being completed for each Mobility Hub as part of the Mobility Hub planning.
 - The Area Specific Plans for the Mobility Hubs are required by the Region to include plans for each area's transportation network to promote public transit and active transportation.

- The City's work will also seek to understand the existing multi-modal transportation conditions in each hub and to pro-actively plan for transportation improvements that will support future growth. This means:
 - a review of the traffic conditions and overall functionality of the existing network in each area; and
 - identifying anticipated impacts to the network based on the planned build-out of each hub.
 - identifying new infrastructure needs such as active transportation connections, rail crossings, new streets etc.;
 - developing area specific transportation demand management requirements for new developments;
 - developing a parking strategy in each hub as well as reviewing parking standards to leverage existing and planned transit infrastructure/investment; and
 - identifying efficiencies to the existing transportation network.
- the mobility hubs represent a significant portion of the City's primary growth areas
- therefore, the transportation work undertaken as part of the Mobility Hub ASPs will provide essential information and policy measures that will inform broader city-wide transportation and transit planning in the City.

6. Transportation Master Plan (2019) – The Transportation Master Plan will incorporate the above work and complete the detailed transportation planning for the balance of the City, both urban and rural areas. The plan, together with detailed transportation modeling of the approved OP and resulting travel demand, will follow to feed the Development Charge updates in 2019. Council may recall that the City received \$300,000 in funding from Halton Region for the Transportation Master Plan Update.

In addition to the longer-term strategy and implementation plans, ongoing work continues in the following areas:

1. Traffic management plan (ongoing)

- Traffic Communication Network Upgrade (Plains Road - 2018)
 - Upgrade of the traffic communication network to increase reliability through the use of new technology to allow for future use of traffic management initiatives including:
 - Video technology to view traffic flow through intersections City-wide
 - Increased traffic data collection and analysis capabilities
 - Road network performance monitoring such as network travel times
- Transit Signal Priority – Plains/Fairview Corridor (2018/19)
 - Operational improvements to reduce delays to transit vehicles at signalized intersections, with a goal to improve transit reliability and schedule adherence
- Traffic Responsive Signal Timing
 - Allows the signal system to react based on real time traffic conditions
 - Includes plans to automatically react to incidents which result in significant traffic diversions
- Skyway Bridge Incident Management (2018/19)
 - Improving inter-agency coordination related to the operation of traffic signals along Eastport Drive, and the ability to respond to incidents on the Skyway Bridge.
- Neighbourhood Traffic Studies – Alton Village Community (ongoing) – to respond to community concerns regarding traffic.

2. **Development Applications Traffic/Transportation Studies (ongoing)** - This will ensure that approval of the OP or Mobility Hubs Area Specific Plans require an analysis of proposed development and further transportation reviews as required at time of development application. These reviews may result in further improvements to the transportation system to ensure that mobility continues to be maintained in the future.