

## **Attachment 1**

### **2018 Traffic Initiatives**

#### Traffic Signs

Staff is responsible for issuing Sign Work Orders to install new traffic signs within the public right-of-way to ensure compliance with provincial standards.

The major sign projects included seven (7) pedestrian crossover locations, new North-South Greenbelt-Waterfront trail connector route, Barber Drive (West) bike lane project, McDonald Blvd. "No Parking" zone, Fifth Line and 5 Side Road speed limit changes.

#### Traffic Control Signals

Staff is responsible for the maintenance and operation of 30 traffic control signals, five (5) intersection pedestrian signals, 12 pedestrian crossovers, eight (8) Vehicle Activated Traffic Calming Signs and 14 flashing beacon locations.

The major traffic control signal projects included installations of Third Line traffic signal (Acton Quarry), seven (7) pedestrian crossovers, eight (8) accessible pedestrian signals, four (4) uninterruptible power systems and three (3) new controllers.

Staff works directly with the Fire Department to maintain the Opticom equipment at signalized intersections. The Opticom equipment allows Fire Department vehicles to receive a priority green time to travel through the signalized intersections. Staff maintains the Opticom equipment at the Town and Region's signalized intersections.

#### Pavement Markings

Pavement Markings consist of both contractual and in-house programs. The contractual program includes painting of lane lines on all roads identified in the program, turn arrows, and stop bars and crosswalks at signalized intersections. Also, the contractual program includes special projects such as bike lane or enhanced crosswalk projects. In-house program consists of painting stop bars and crosswalks on Collector and Local classification roads.

The major projects included Barber Drive (West) and Danby Road Bike Lanes, eight (8) ladder crosswalk and stop bar locations (enhanced pavement markings), 10 "Slow" symbols, Main Street South (Georgetown) "Sharrow" symbols and seven (7) ladder crosswalk and "shark teeth" stop bar pedestrian crossover locations.

#### Streetlighting

The Town maintains approximately 4,800 street lights through Southwestern Energy Inc., a subsidiary of Halton Hills Hydro (HHH).

The major projects included the completion of the LED Upgrade, Longfield Subdivision Phase 1, two (2) rural intersections, Armstrong Ave. Phase 1 and projects with HHH.

### Traffic Calming

The Town implements one traffic calming location per year due to the extensive public consultation required by the traffic calming projects. This is a reactive program that requires both technical justifications and public support identified in the Town's Traffic Calming Protocol.

In 2018, Church Street East project was implemented and it included installation of a speed hump. Also, the Town installed two additional speed humps on Green Street and King Street to reduce aggressive driving and cut-through traffic. John Street (Georgetown) project included installation of non-intrusive traffic calming devices (i.e. pavement markings).

### Active Transportation

Based on the 2018 Capital Budget, staff implemented Barber Drive (West) bike lane project. Staff worked with the Greenbelt Foundation to implement the North-South Greenbelt-Waterfront connector route between Halton Hills and Oakville. As part of the approval of the subdivision, staff coordinated with the developer the implementation of Danby Road bike lanes. Staff installed pavement markings on Market Street to improve public safety and walkability.

### School Crossing Guards

The School Crossing Guard Program is managed by Traffic staff with assistance of Public Works staff. The program includes 30 school crossing guards that work at 28 locations. In 2018, staff identified two new locations that require school crossing guard service; Danby Rd./Silver Pond Dr. and Danby Rd. (East)/Barber Dr. Both locations were approved, as part of the 2019 Operating Budget.

### Legal Updates

Staff worked with the Town's Prosecutor to prepare a new Highway Encumbrance By-law. The new bylaw will improve road safety by reducing the number of illegally placed disposal containers and construction supplies on the road allowance.

### Railway Safety

Staff coordinated meetings with railway authorities to discuss and schedule at-grade railway crossing repairs. Last year, CN undertook repairs at the 15 Side Road at-grade railway crossing. Metrolinx completed at-grade railway crossing repairs at the Main Street North (Acton) and Fourth Line crossings.

## Traffic Counts

Traffic Count Program consists of both contractual and in-house programs. The contractual program consists of 36 turning movement count locations. Each location is recounted every two (2) years. In-house traffic count program includes both turning movement and midblock counts. Rural midblock locations are recounted every five (5) years. All other intersections are counted as required, based on changes in traffic patterns, public inquiries or new developments.

## Traffic Management Plans

Staff is responsible for preparation of the Traffic Management Plans that include road closure and detour plans.

The major road closure projects included the Main Street South (Region), Main Street North (Metrolinx), River Drive (Town), Sixth Line (Halton Hills Hydro) and 15 Side Road (CN).

## Collision Reports

Staff have implemented a new Traffic Engineering Software (TES) program to manage the Town's Motor Vehicle Collision reports. On an annual basis, 300 to 400 vehicle collisions occur on roads under the Town's jurisdiction. Staff will use the TES program to implement a road network screening to identify intersections and midblock locations which may require safety improvements.

## Road Public Events

Last year, Traffic staff was involved in the coordination of approximately 20 road public events through the Public Events Process. The major events included the Santa Claus Parades (Acton and Georgetown), Leathertown Festival, and Rock'n Roll Classics. Based on the consultation process with event organizers, staff develop road closure and detour plans to maintain traffic flow and public safety.

## Policy Reviews

Staff have reviewed the Traffic Calming Protocol and will recommend changes to the Planning, Public Works and Transportation Committee on March 19, 2019.

## Operational Reviews

The most frequent concerns identified by the public involved speeding/aggressive driving. In 2018, residents identified these concerns on the following roads:

### **Acton**

Storey Dr., Church St. East (Acton), Churchill Road South (2 locations), McDonald Blvd., Wallace St., Mill Street West, Tanners Dr., Elizabeth Dr. (2 locations), Churchill Rd. N., Guelph St. West (Hwy 7)

### **Georgetown**

Mowat Cres, Arborglen Dr., Duncan Dr., Sargent Rd. (2 locations), Edward St., Belmont Blvd. (3 locations), Barber Dr. (2 locations), Morris St., Princess Anne Dr., Argyll Rd. (5 locations), Morningside Dr., Greystone Cres., Mountainview Rd. N. (2 locations), Main St. S., Foxtail Ct., Calvert Dr., Moore Park Cres. (3 locations), Arborglen Dr. (3 locations), Dominion Gardens Dr., Niagara Trail, River Drive, Irwin Cres., Charles St., Danby Rd. (2 locations), Prince Charles Dr., Miller Drive, Eaton St., Delrex Blvd., John St., Atwood Ave., Berton Blvd.

### **Rural**

5 Side Road, Eighth Line (6 locations), Fifth Line (2 locations), Fourth Line (7 locations), Ninth Line (5 locations), 32 Side Road, Sixth Line, Tenth Line (2 locations), 22 Side Road (Limehouse)

### **Norval**

Green St., King St., Noble St., Winston Churchill Blvd. (Reg. Rd 19), Draper St., Guelph St. (Hwy 7)

### **Glen Williams**

Confederation St. (2 locations), Prince St., Wildwood Rd. (2 locations), Ninth Line, Eighth Line, Main St., Barraclough Blvd.,

### **Stewarttown**

Mill Pond Dr.