



MEMO / NOTE DE SERVICE

Information previously distributed / Information distribué auparavant

TO: Transportation Committee

DESTINATAIRE : Comité des transports

FROM: John Manconi,
General Manager, Transportation
Services Department

Contact: Phil Landry, Director, Traffic
Services & Vivi Chi, Director,
Transportation Planning

EXPÉDITEUR : John Manconi,
Directeur général, Direction générale
des transports

Personne ressource : Philippe Landry,
Gestionnaire Services de la circulation &
Vivi Chi, Planification des transports

DATE: March 24, 2021

Le 24 mars 2021

FILE NUMBER: ACS2021-TSD-GEN-0001

**SUBJECT: Report on the use of Delegated Authority during 2020 by the
Transportation Services Department as set out in Schedule “G” By-
law 2020-360**

**OBJET : Rapport sur l’utilisation de Délégation de pouvoirs en 2020 par la
direction générale des Services des Transports, comme il est indiqué
à l’annexe G, du régulant 2020-360**

PURPOSE

The purpose of this memorandum is to report to the Transportation Committee on the use of delegated authority for 2020 under Schedule ‘G’ – Transportation Services Department By-Law 2020-360.

BACKGROUND

By-law 2020-360 is “a by-law of the City of Ottawa respecting the delegation of authority to various officers of the City”. The By-law was enacted by Council on December 9, 2020 and is meant to repeal By-law No. 2019-280.

This By-Law provides delegated authority to officers within the Transportation Services Department to perform various operational activities and requires that use of delegated authority be reported to the appropriate standing committee at least once per year.

DISCUSSION

Traffic Services and Transportation Planning are the two Service Areas of the Transportation Services Department that report to the Transportation Committee. To meet the reporting requirements as identified in Schedule “G” Transportation Services By-Law 2020-360, each Service Area has produced a consolidated list which highlight the use of delegated authority in 2020 (see Documents 1 and 2).

CONCLUSION

The Transportation Services Department will continue to report to Transportation Committee once per year on Schedule “G” – Transportation Services Department By-Law 2020-360.

For additional information on any of the items listed in Document 1, please contact Phil Landry, Director, Traffic Services at 613-580-2400 extension 23185, Phillippe.Landry@ottawa.ca.

For additional information on any of the items listed in Document 2, please contact Vivi Chi, Director, Transportation Planning at 613-580-2400 extension 21877, Vivi.Chi@ottawa.ca.

*Original signed by
John Manconi*

CC: Extended Senior Leadership Team
Transportation Services Department Management Team
Director, Public Information and Media Relations
Coordinator, Transportation Committee

SUPPORTING DOCUMENTATION

Document 1 – 2020 Delegated Authority under Schedule “G” Transportation Services
Department By-Law 2020-360:

- Traffic Services

Document 2 – 2020 Delegated Authority under Schedule “G” Transportation Services
Department By-Law 2020-360:

- Transportation Planning – Capital Projects
- Transportation Engineering Services – Development Projects
- Additions to the Winter-Maintained Cycling Network

**Document 1 – 2020 Delegated Authority Traffic Services - Schedule “G”
Transportation Services Department By-Law 2020-360**

Section G 5. (1) – Intersection and Road Modifications:

In 2020, Traffic Services completed intersection and road modifications by way of delegated authority for the installation of one (1) traffic signal.

Location	Ward #	Description
Waverley Street at Metcalfe Street	14	Implementation of a pedestrian signal on the south leg of the intersection accompanied by minor geometric modification. Construction was completed in 2020.

Pedestrian Crossovers (PXOs)

In 2020, Traffic Services supported the installation of 10 Pedestrian Crossovers (PXOs) city-wide. A total of 7 of the 10 locations, were funded and managed by the Transportation Services’ PXO Program. Delegation of authority for intersection and road modifications was required for 2 of the 7 PXO locations, while one location already had curb depressions and Tactile Walking Surface Indicators (TWSI), and 5 were received for exemption to the [Integrated Accessibility Standards Regulation \(IASR\)](#) and the City’s [Accessibility Design Standards \(ADS\)](#) as they already had curb-depressions, but no TWSIs.

Two different types of PXOs were implemented in 2020 under the PXO Program, however, as indicated above, not all installations required intersection and roadway modifications. Such modifications are not necessary when the appropriate existing curbside depressions and/or TWSIs are already in place (e.g. pathway connections, roundabouts, school crossing guard locations, etc.) or when an exemption to the [Integrated Accessibility Standards Regulation \(IASR\)](#) and the City’s [Accessibility Design Standards \(ADS\)](#) has been approved through the departmental exemption review/approval process.

Type B PXOs

Type B PXOs require the installation of side mounted poles with flashers, PXO signs overhead, and the necessary pavement markings. In 2020, one (1) Type B PXO was installed and required delegation of authority for essential roadway modifications. Details on the implementation location are listed below:

Location	Ward #	Description
Orleans Boulevard at 80 m west of Broken Oak Drive	1	Curb depressions and Tactile Walking Surface Indicators (TWSIs) were installed on both sides of the roadway.

Type D PXOs

All Type D PXOs require the installation of PXO signs along with the necessary pavement markings. In 2020, a total of six (6) Type D PXOs were installed. Details on the one location that required roadway modifications are listed below:

Location	Ward #	Description
Othello Avenue at Chapman Boulevard	18	Curb depressions and Tactile Walking Surface Indicators (TWSIs) were installed on both sides of the roadway on the north side of the intersection.

Four type D locations had curb depressions and no TWSI's. Exemptions to the IASR and the City's ADS were approved for these locations through the departmental exemptions review/approval process. Details on the specific locations are listed below:

Location	Ward #	Description
Somerset Street East at Nelson Street	12	Type D PXO installed on east side of the intersection. Roadway modifications were not required given the departmental approval of the exemption to the IASR and the ADS.
Tremblay Road at Avenue S	18	Type D PXO installed on west side of the intersection. Roadway modifications were not required given the departmental approval of the exemption to the IASR and the ADS.
Mountshannon Drive at Oriska Way	3	Type D PXO installed on south side of the intersection. Roadway modifications are anticipated in 2021 for a bulb out, new curb depressions and TWSI. The departmental approval was given in the interim for the

		exemption to the IASR and the ADS.
Lockhart Avenue at 50m south of Neepawa Avenue	7	Type D PXO installed on east side of the intersection. Roadway modifications were not required given the departmental approval of the exemption to the IASR and the ADS.

Section G 6. (1) and (2) Signs, Traffic Signals, Pavement Markings and Street Lighting

In 2020, Section G 6. (1) and (2) – Signs, Traffic Signals, Pavement Markings and Street Lighting was used to install, operate and maintain the following:

- ~41,000 signs;
- ~4.715 Million meters of longitudinal pavement markings;
- 1,191 signalized intersections, of which 83.1 per cent are equipped with audible signals;
- 60 active red-light cameras across the city;
- 287 traffic cameras; and,
- 74,577 street lights.

Costs associated with the above items include:

- \$12,923,773 for work undertaken on behalf of other departments or external agencies;
- \$4,536,131 for sign maintenance;
- \$7,132,447 for signal maintenance;
- \$4,184,061 for pavement markings; and,
- \$16,281,526 for streetlighting.

Note: The totals for sign maintenance and for pavement markings above include costs for the installation of signs and pavement markings for seven PXOs installed in 2019 that did not require DOA.

Section G 5. (1) – Temporary Traffic and Parking Control

In 2020, Section G 8. (1) – Temporary Traffic and Parking Control was used to respond and manage:

- 956 incidents managed with moderate to high impacts on the flow of traffic;
- 916 incidents managed that required temporary lane or road closures; and,
- 128 Special Event Permits and 25 related Work Orders in support of miscellaneous events including demonstrations, festivals, parades, etc.

The work associated with temporary traffic and parking control work related to special events, including demonstrations, festivals, parades and temporary road closures/emergency events totalled \$41,724.63. The decrease in Special Event Permits is directly related to the COVID-19 restrictions on public gatherings.

**Document 2 – 2020 Delegated Authority under Transportation Planning -
Schedule “G” Transportation Services By-Law 2020-360**

Transportation Planning – Capital Projects

The following roadway modifications were approved in 2020, under Section 5 – Intersection and Road Modifications of Schedule “G” of By-law 2020-360. The approvals for these functional design studies were initiated by the Transportation Planning Service Area or were for projects stemming from Integrated Road-Water-Sewer Renewal, Intersection Control Measures and Network Management programs. These are all projects with Council-approved capital budgets. Infrastructure Services in the Planning, Infrastructure and Economic Development Department, manages the construction of these projects, as well as the capital budget of the renewal program.

Title	Ward #	Description	Approval Date
RMA-TPC-020 Bank Street and Rideau Road	20	Implementation of: <ul style="list-style-type: none"> – Eastbound and Westbound left-turn lanes on Rideau Road; – A northbound right turn lane on Bank Street; – Northbound and Southbound Cross Rides; and – Fully paved shoulders on Rideau Road and Bank Street within the construction limits. – Construction completion anticipated for fall of 2021. 	February 2020
RMA-2020-TPC-012 Hamlet Road	18	Implementation of: <ul style="list-style-type: none"> – A 6-meter speed hump on Hamlet Road; – A 6-meter mid-block narrowing near 834 Hamlet Road; – Bulb outs on the north-west and south-east corners of Hamlet Road and Saunderson Drive; and, – A bulb out on the north-west corner of Colson Avenue and Saunderson Drive. 	March 2020

RMA-2020-TPC-024 Elizabeth Street	20	Implementation of: <ul style="list-style-type: none"> – Five speed humps along Elizabeth Street between Jill Street and Pauliana Court; and, – Seven pedestrian refuges along Elizabeth Street within the study area. – Reduction of the speed limit from 50 km/hr to 40 km/hr. 	March 2020
RMA-2020-TPC-007 Morgan's Grant Way	4	Relocation of the existing bus stop on Morgan's Grant Way easterly and construction of a 2.4-meter bus pad in this new location. Construction of a new sidewalk connecting the intersection of March Road and Morgan's Grant Way to the new bus pad.	March 2020
RMA-2020-TPC-004 Mann Avenue, Range Road, Templeton Street and Russell Avenue	12	Implementation of traffic calming measures and pedestrian facilities throughout the project limits which include the addition of sidewalks on Range Road, Templeton Street and Mann Avenue, several curb extensions throughout and a raised intersection at Somerset East and Range Road. Implementation also includes: <ul style="list-style-type: none"> – Concrete medians and truck aprons at Mann Avenue and Range Road; and, – Mid-block narrowing on the west side of Russell Avenue, between Osgoode Street and Somerset Street East. 	April 2020
RMA-2020-TPC-007 Bayfield Avenue	7	Installation of a 150-millimeter-high traffic island approximately 20 meters south of the railway tracks so as to close Bayfield Avenue north of the railway, complete with mountable curbs for emergency vehicle	May 2020

		accessibility.	
RMA-2020-TPC-029 Sullivan Avenue	8	<p>Implementation of:</p> <ul style="list-style-type: none"> - A new sidewalk on the east side of Sullivan Avenue between Viewmount Drive and Parker Avenue; and, - An intersection narrowing on the southwest corner of the Viewmount Drive and Sullivan Avenue intersection. <p>This curb extension was approved through a previous Roadway Modification Approval Report but will be constructed with the proposed sidewalk on Sullivan Avenue.</p>	May 2020
RMA-2020-TPC-015 Claymor Avenue, Senio Avenue and Falaise Road	16	<p>Implementation includes:</p> <ul style="list-style-type: none"> - Widening of Senio Avenue from 6.2 meters to 7.5 meters, the addition of mountable curbs on Claymor Avenue and a 1.8-meter concrete sidewalk on Falaise Road; - A raised crosswalk on Claymor Avenue at Meadowlands Drive; - Raised intersections at Claymor Avenue/ Normandy Crescent, Claymor Avenue/ Falaise Road, and Falaise Road/ Senio Avenue; - Tactile Walking Surface Indicator plates to all crosswalk locations; - Full urbanization of Falaise Road and Claymor Avenue; - Throat narrowing of Greenbriar Avenue at and Senio Avenue; and, - Widening of sidewalk on Claymor Avenue and the south side of Falaise Avenue. 	June 2020

RMA-2020-TPC-014 Larkin Street, Lepage Avenue and Larose Avenue	16	Implementation of traffic calming measures and improved pedestrian facilities on Larkin Street, Lepage Avenue and Larose Avenue. The proposed road modification consists of the installation of a 1.8 meter concrete sidewalk on the west side of Larkin Street, curb extensions in various locations throughout the project limits, a raised cross-walk on Lepage Avenue, a speed table on Larose Avenue and raised intersections at various locations. Construction will be completed in 2022.	June 2020
RMA-2020-TPC-013 Belmont Avenue, Willard Street, Fairbairn Street and Bellwood Avenue	17	Implementation of traffic calming measures include raised crosswalks, intersection narrowings, raised intersections and mid-block narrowings with speed humps on Belmont Avenue, Willard Street, Fairbairn Street and Bellwood Avenue.	June 2020
RMA-2020-TPC-016 Huron Avenue	15	Implementation of: <ul style="list-style-type: none"> - Curb extensions on both sides of Huron Avenue North, located approximately 60 meters south of Wellington Street West; - Parking prohibition at the proposed curb extensions, located approximately 60 meters south of Wellington Street West; and, - A speed hump located approximately 60 meters south of Wellington Street West. 	June 2020
RMA-2020-TPC-017 Presland Road	13	Implementation of: <ul style="list-style-type: none"> - One mid-block narrowing located on the north side of Presland Road between Vanier Parkway and Renouf Avenue; and, 	July 2020

		<ul style="list-style-type: none"> - Two intersection narrowings located on the northeast and southwest corners of Presland Road and Renouf Avenue. <p>Relocation of parking west of the proposed mid-block narrowing from the south to north side of Presland Road. No net change in the overall number of parking spaces as a result of this project.</p>	
RMA-2020-TPC-001 Fisher Avenue, Meadowlands Drive, Deer Park Road, Millbrook Crescent, Hilliard Avenue, Farlane Boulevard and Wallford Way	9 and 18	<p>Implementation of concrete sidewalks, unidirectional cycle tracks, on-street bike lanes, speed tables, raised intersections, raised pedestrian crossings and curb extensions in various locations of the project and, a protected intersection at Meadowlands Drive/Fisher Avenue.</p> <p>On Deer Park Road from Fisher Avenue to Millbrook Crescent, implementation will include removal of on-street parking to accommodate new bike lanes on both sides.</p>	September 2020
RMA-2020-TPC-038 Scott Street and Parkdale Avenue	15	<p>Modifications to the southwest corner of Scott Street and Parkdale Avenue to provide additional width in the southbound lane.</p> <p>Implementation includes the removal of the northbound left turn lane to increase the southwest corner radius and the provision of a painted hatched area at the centerline on Parkdale Avenue.</p> <p>Implementation also included the realignment of the pedestrian crosswalks, adjustment to the eastbound vehicle and cyclist stop bar, relocation of two traffic signal poles and adjustment of a Hydro Ottawa maintenance hole</p>	September 2020

		and relocation of bus stop NA110 (#7334) east to the far side of the intersection with the provision of a concrete bench or shelter pad.	
RMA-2020-TPC-039 Byron Avenue	15	Installation of: <ul style="list-style-type: none"> - A Type 'D' pedestrian cross-over on Byron Avenue, just west of Wavell Avenue, to facilitate the north-south pedestrian crossing; and, - Concrete sidewalk on both sides of Byron Avenue, at Wavell Avenue, connecting the proposed Type 'D' pedestrian cross-over to the existing asphalt MUP. 	September 2020
RMA-2020-TPC-041 Fringewood Drive	6	Installation of traffic calming measures on Fringewood Drive between Hazeldean Road and Harry Douglas Drive which includes speed tables, a pedestrian refuge island, a pedestrian cross-over, a short section of MUP, an intersection narrowing and curb radii reduction, bus stop improvements, and pavement markings.	November 2020
RMA-2020-TPC-040 Bayswater Avenue	15	Installation of traffic calming measures includes the implementation of four speed cushions on Bayswater Avenue, south of Somerset Street West, north and south of Laurel Street, and north of Gladstone Avenue. These speed cushions each have a three, 1.8-meter sections of cushions.	Nov 2020
RMA-2020-TPC-042 Parkhaven Avenue	7	Replacement of the barrier curb with a 1.8 meter monolithic concrete sidewalk on the west side of Parkhaven Drive from Georgina Drive to the northern driveway of École élémentaire catholique d'enseignement	November 2020

		<p>personalisé Édouard-Bond, and from George C. Brown Park north until the sidewalk bends off the road complete with a 3.5 meter to 4.0 meter boulevard.</p>	
<p>RMA-2020-TPC-003 Catherine Street, Isabella Street and Metcalfe Street</p>	<p>14, 17</p>	<p>Implementation of curb extensions in various locations in the study area, as well as modifications to select curbside traffic regulations.</p> <p>Along Chamberlain Avenue:</p> <ul style="list-style-type: none"> - Maintaining two through lanes; - Replacement of the south side sidewalk with a 3.0-meter MUP and 1.5-meter boulevard from Percy Street to Bank Street; - Implementation of a no stopping restriction at all times on the south side. <p>Along Isabella Street:</p> <ul style="list-style-type: none"> - Replacement of the sidewalk on the south side to a MUP from Bank Street to Elgin Street; and, - Reduction to one travel lane from Metcalfe Street to Elgin Street. <p>Along Catherine Street:</p> <ul style="list-style-type: none"> - Construction of an on-road bike lane from Queen Elizabeth Driveway to Elgin Street; - Addition of a westbound cycle track with boulevard from Elgin Street to west of O'Connor Street; - Replacement of three shared westbound lanes with two through and two right-turn lanes at Kent Street; - Replacement of the northerly lane on Catherine Street from Kent 	<p>December 2020</p>

		<p>Street to west of Percy Street with a peak period transit priority lane and off-peak parking; and,</p> <ul style="list-style-type: none"> - Construction timeline to be determined after the rapid replacement of the MTO bridge(s). 	
RMA-2019-TPC-044 Alta Vista Drive	18	<p>Reconstruction of Alta Vista Drive including the following modifications:</p> <ul style="list-style-type: none"> - New right of way allocation including one 3.5-meter general traffic lane and one 2.0-meter buffered bike lane in each direction; - 2.0-meter-wide concrete sidewalks on both sides of the road; - Relocated bus stops; - Consolidated bus stops south of Clontarf to improve transit efficiency; - Upgrade of school crossing to type "B" PXO at Charles H. Hulse Public School; and, - Channelized right turns at Heron Road are replaced with right turn lanes. 	March 2020
RMA-2020-034 Belcourt Boulevard RMA	2	<p>Implementation of various traffic calming measures along Belcourt Boulevard between St. Joseph Boulevard and Beauséjour Drive including speed cushions, curb-radii reductions, cycle-friendly intersection narrowings, and pavement markings.</p>	November 2020

Transportation Engineering Services – Development Projects

The following roadway modifications were approved in 2020, under Section 5 – Intersection and Road Modifications of Schedule “G” of By-law 2020-360. The approvals for these projects were sought by the Transportation Engineering Services Branch for projects stemming from new private developments. The construction of these projects a managed by development proponents with inspections completed by City staff.

Title	Ward #	Description	Approval Date
-------	--------	-------------	---------------

<p>RMA-2020-TPD-002 245 Rideau Street</p>	<p>12</p>	<p>Implementation of:</p> <ul style="list-style-type: none"> - A new northbound cycle track on the east side of Cumberland Street between Rideau Street and in advance of George Street; and, - A new bulb-out on Cumberland Street eliminating one receiving lane on the northeast corner of the Rideau Street and Cumberland Street intersection. The northbound curb lane on Cumberland Street approaching Rideau Street will be designated as a right turn lane. <p>Relocation of the taxi stand and removal of on-street parking on the east side of Cumberland Street between Rideau Street and George Street.</p>	<p>February 2020</p>
<p>RMA-2020-TPC-023 Stittsville Main Street PXO</p>	<p>6</p>	<p>Construction of a pedestrian crossover type B south of the intersection of Stittsville Main Street and Orville Street including all necessary signage and pavement markings.</p> <p>Construction is anticipated in Spring of 2021.</p>	<p>February 2020</p>
<p>RMA-2020-TPD-022 1145 Carp Road</p>	<p>6</p>	<p>Construction of a new median extension on Carp Road at the southbound approach to the Carp Road and Hazeldean Road intersection.</p>	<p>March 2020</p>
<p>RMA-2019-TPD-041 Fallowfield Road at Forager Street</p>	<p>3</p>	<p>Construction of:</p> <ul style="list-style-type: none"> - A new 3.0-meter MUP on Fallowfield Road between O`Keefe Court and south of Forager Street; - A new southbound right-turn lane from Fallowfield Road onto Forager Street; 	<p>March 2020</p>

		<ul style="list-style-type: none"> - A new concrete median restricting Forager Street to a right-in right-out access; and, - A New bus pad on the southbound side of Fallowfield south of O`Keefe Court. 	
RMA-2020-TPD-025 5924 Hazeldean Road	6	<p>Construction of:</p> <ul style="list-style-type: none"> - A new concrete bulb-out on the southwest corner of the intersection of Hazeldean Road and Victor Street; and, - A new concrete sidewalk on the west side of Victor Street along the development's frontage. 	March 2020
RMA-2020-TPD-010 3505 Prince of Wales	22	<p>Construction of a new median break at the existing Carleton Lodge access to create a full-movement access, and an extension of the grass median south of the new access. Implementation of new southbound left-turn and northbound right-turn lanes to support the new access.</p>	March 2020
RMA-2019-TPD-040 929 Richmond Road	7	<p>Construction of a concrete median on the eastbound approach to the intersection of Woodroffe Avenue and Richmond Road.</p>	March 2020
RMA-2020-TPC-021 Greenbank Road and Kilbirnie Drive	3	<p>Implementation of traffic control signals at the intersection of Greenbank Road and Kilbirnie Drive, complete with modifications to the existing sidewalk and pathways surrounding the intersection. Construction to be completed in Fall of 2021.</p>	April 2020
RMA-2019-TPD-045 820-830 Belfast Road	18	<p>Construction of new curbs and sidewalk fronting the proposed development on Belfast Road.</p>	May 2020
RMA-2020-TPD-028 2740 Cedarview Road and 4190, 4200, 4210, and 4236 Fallowfield	3	<p>Widening of Fallowfield Road to accommodate a new two-way site access, a westbound left-turn lane and a painted</p>	June 2020

Road		<p>median west of the site access. Closure of the existing site accesses onto Fallowfield Road.</p> <p>Construction of new sidewalk at the southwest corner of the Cedarview Road and Fallowfield Road intersection extending south through a proposed right-in right-out access on the west side of Cedarview Road.</p>	
RMA-2020-TPC-033 Nixon Farm Drive	21	Implementation of new curb and sidewalk along the west side of Nixon Farm Drive between Perth Street and 235 meter north of Perth Street.	June 2020
RMA-2020-TPC-032 Paul Anka Drive	10,16	Construction of new curb and sidewalk along the east side of Paul Anka Drive between the intersection with Hunt Club Road and the access to the hotel.	June 2020
RMA-2020-TPC-036 Brian Coburn Boulevard and Esprit Drive	19	<p>Implementation of a new traffic signal at the intersection of Brian Coburn Boulevard and Esprit Drive.</p> <p>Widening of Brian Coburn Boulevard to accommodate new eastbound and westbound left-turn lanes along Brian Coburn Boulevard.</p> <p>Relocation of:</p> <ul style="list-style-type: none"> - The eastbound bus stop from the west side of Esprit Drive to the east side, and, - The westbound bus stop from the east side of Esprit Drive to the west side. 	July 2020
RMA-2020-TPC-043 McKenna Casey Drive	3	Temporary closure of McKenna Casey Drive immediately west of the Via rail crossing to facilitate the construction of a detour along Strandherd Drive. McKenna Casey will be	November 2020

		widened at the closure to allow vehicles to turn around. Completed in fall of 2020.	
RMA-2020-TPD-008 480 Cope Drive	6	Construction of: <ul style="list-style-type: none"> – Two vehicular lay-bys and bulb-outs along Continental Drive; and, – A bus lay-by on Cope Drive. 	November 2020

Additions to the Winter-Maintained Cycling Network

Delegated authority has been granted to the General Manager, Transportation Services in consultation with the General Manager, Public Works and Environmental Services, to modify the Winter Cycling Network as each cycling project is completed in accordance with winter cycling needs, connectivity and affordability, and reported through Transportation Services’ annual Delegated Authority Report.

In consultation with Public Works and Environmental Services, there were no new roadways added to the City’s winter-maintained cycling network.