
MEMORANDUM

PWC-C 1-2021

Subject: COVID-19 Response and Business Continuity in Public Works

Date: January 12, 2021

To: Public Works Committee

From: Bruce Zvaniga, P.Eng., Commissioner of Public Works (Interim)

As reported previously, Public Works has remained focused on keeping the critical public infrastructure operational while responding to the COVID19 pandemic. Departmental staff continue to ensure that the community has: safe drinking water, reliable wastewater systems, recycling and waste collection/disposal, regional specialized and regular transit and a well-maintained regional road system. Public Works staff recognize and are dedicated to the essential role they play ensuring that healthcare, social services, emergency responders and the community-at-large can depend upon the reliable availability of these core municipal services.

Public Works leadership is actively participating in the Municipal Emergency Control Group. Working with all other departments, the Business Continuity Plan and staff redeployment strategy is monitored and adjusted to respond to changing conditions.

The Department Leadership team continue to actively participating in virtual meetings with their counterparts in the Local Area Municipalities, and provincial committees to share our successes and learn how others have overcome challenges.

The following provides a brief highlight from each of the four (4) divisions on their respective status, service changes, actions taken and future outlook.

Water & Wastewater Services

Current Status of Operations

The focus continues to be providing high quality safe and reliable water and wastewater services to the residents of Niagara while continuing to implement the necessary safety and social distancing protocols in accordance with Niagara Region Public Health directives and Ontario Regulations.

Both the Drinking Water and Wastewater Quality Management Systems (QMS) remain active. Capital infrastructure projects are deemed essential and continue to be delivered.

All W-WW staff and contractors continue to be reminded of their obligations to comply with the Niagara Region mask by-law and other pandemic mitigation policies and procedures.

Service/Operational Change

- Nothing new to report this month.

Operational Outlook

- The focus continues to be on the maintenance of all key components, the sustainable supply of key chemicals and materials and most importantly on the well-being of the staff managing these essential systems.

Transportation Services

Current Status of Operations

Essential bridge, culvert and roadway works, forestry, traffic control, pavement markings and signage are critical services which continue to be provided.

Design, construction management and environmental assessments continue from engineering staff and consultants.

Staff continue to monitor all material shipments, supplies and construction contracts experiencing delays to understand larger impacts to ongoing construction project schedules.

Service/Operational Changes

- Nothing new to report this month

Operational Outlook

- Essential and critical project interpretation based on Provincial announcements will affect the delivery of projects and levels of service to residents of Niagara

region. This continues to be under review. The Business Continuity Plan with Redeployment Strategy of staff for the Division will be administered accordingly.

- Contracts are continuing to be monitored by staff with regards to any shortages (supplies and trades) and updates will be highlighted.

Waste Management Services

Current Status of Operations

Restrictions to the curbside collection program and at the landfill sites/drop off depots have been lifted with minor restrictions still in place as noted below.

An online tool was successfully implemented in June to provide residents the ability to purchase garbage tags, CFC stickers and recycling and organic bins on line. Garbage tags and CFC stickers are mailed to the residents. For recycling and organic bins, payment is made on line and residents can pick up the bins at one of the Regional distributions centres. Some local municipalities have begun to sell or distribute recycling boxes and green bins, by appointment.

Strategic initiatives are continuing such as the MRF Opportunity Review, administration of new collection contracts and services levels, Strategy Plan, construction projects, and operational tenders.

Service/Operational Changes

Landfill Service Changes

- Nothing new to report this month

Some /Green Bin Distribution Locations Remain Closed

For more information on [waste management services](https://www.niagararegion.ca/waste), visit <https://www.niagararegion.ca/waste>.

Operational Outlook

- Continue to work through transition of new collection contracts and service levels.
- RFP will be issued for the division's Long-term Strategic Plan.

- Further work to be completed on draft Blue Box Final Regulations.
- Recommendations brought forth as a result of the NRFP MRF Opportunity Review.
- Preparation for the start of the new Humberstone contract.

Niagara Region Transit/Specialized Transit & GO Implementation

Current Status of Operations

As of November 23, 2020, every transit service in Niagara has reduced its onboard passenger capacity to 50% of the vehicle's seated capacity rating. For Niagara Region, this includes NRT, NST and NRT OnDemand. These capacity changes were agreed upon by the transit providers at the weekly IMTWG teleconference and align with Niagara's move to "Orange". This capacity reduction will likely remain in place if Niagara moves to "Red" and could possibly be reduced further.

Niagara Region Transit (NRT) is operating at a reduced level of service when compared to a typical September through December schedule. This is due to Brock University being 95% online, and Niagara College having significant enrollment reductions combined with many online programs and lower Niagara-based student residency:

- Express routes 40a, 40b, 45a, 45b, 60a, 65a were reinstated but only during morning and afternoon peak periods, 70a, 75a) effective March 23
- 7:00 a.m. - 11:00 p.m. operating hours effective Sept 7 (back up from 7:00 a.m. - 9:00 p.m. from May 4 to Sept 6)
- Hourly service (60 minutes) on most routes except 60 and 65 as those are typically well utilized student routes.

Niagara Specialized Transit (NST) continues operating at the normal level of service, except for trips whose origins or destinations are to/from a location with reported cases of COVID-19 are not being provided. Reducing hours of operation is not a necessity in this case as Niagara Region only pays for trips delivered, rather than an hourly rate. Overall, NST trip requests are significantly reduced, however NST continues to deliver all requested trips within the capacity available. Ridership has continued to show small signs of recovery but still sits at approximately 40-50% of typical usage.

NRT OnDemand service operates in Grimsby, Lincoln, Pelham, Wainfleet and West Lincoln from Monday to Saturday, 7 a.m. - 10 p.m. Now two months in, NRT OnDemand has continued to see significant growth despite challenges stemming from COVID-19.

Mandatory mask usage is required as per the Region's Face Covering By-law.

Service/Operational Changes

Despite the reduction of vehicle capacity, there is no need to return to rear door boarding as each vehicle has a partition separating the operator/driver from the passengers.

The "Rear door boarding" policy enacted on March 23 to temporarily limit driver contact and respect physical distancing has been lifted on July 2. Because Niagara's transit providers have installed plexi-glass bio-barriers across the entire fleet of vehicles to protect bus operators, even if COVID-19 numbers increase, there will not be a need to return to rear door boarding and thus fare collection will be maintained as well.

A lower than typical service level began on September 7, however staff elected to maintain an adequate amount of express service as the student demand from Niagara College was unclear.

Significant Initiatives or Actions undertaken

- All NRT, and NST fleet vehicles continue to be professionally cleaned/disinfected/sanitized well beyond regular protocols, and Aegis antimicrobial spray was applied to all interior surfaces. This work was completed by the local transit service providers as they manage and operate the NRT fleet as part of their own.
- Due to the low volume of trips, BTS has made every effort to deliver trips with only a single occupant in each vehicle, although this has not been formalized as a public policy.
- NRT OnDemand does not permit the use of the front passenger seat in order to maintain distance between the drivers and passengers.

Operational Outlook

1 month

- Staff will continue to monitor the COVID-19 numbers and categorization for Niagara. Service adjustments may be required as the situation worsens.
- NRT staff continue to review ridership data closely in order to determine appropriate levels of service.

- Staff continues to work with Brock University and the Brock University Student Union to maintain the U-Pass Program for the 2020-2021 academic year. Niagara College terminated the U-Pass agreement in response to COVID-19 and thus students will be purchasing monthly passes in September.

3 months

- Schedules for January through April 2021 have already been set. Due to the extremely low ridership, the loss of the bulk U-Pass revenue (i.e from Niagara College) and increasing COVID-19 numbers, the service level has been significantly scaled back as of January.
- Possible further service adjustments based on ridership and in reaction to any provincial changes. Staff will continue to work with the IMTWG in reviewing the available data to ensure that adequate service is being provided while being mindful of the financial challenges faced by each municipality.
- The Niagara Transit Governance Study report will be complete by summer 2020. Introduction of the final report to LNTC with recommendation on a new governance model by the Project Team and study consultants will be done in consultation with the CAO Working Group and the LNTC Chair.

6 months

- The IMTWG will begin working towards the implementation of a new fare payment technology through the funding provided by the Investing in Canada Infrastructure Program (ICIP). Due to the complexity of the program, an implementation date in 2021 is most likely. Staff will continue to provide updates once a timeline has been established and at the major milestones.

As both the Province and Region move through the recovery process, staff at each of Niagara's transit providers will continue to collaborate in monitoring service levels, processes, and policies to ensure the safety of the residents and employees remain a priority and that decisions are made and communicated jointly wherever possible.

Respectfully submitted and signed by,

Bruce Zvaniga, P.Eng.
Commissioner of Public Works (Interim)

Other Pertinent Reports

CAO 10-2020, April 23, 2020 COVID-19 Response and Departmental Updates

PWC-C 13-2020, May 12, 2020 COVID-19 Response and Business Continuity in Public Works

PWC-C 20-2020, June 16, 2020 COVID-19 Response and Business Continuity in Public Works

PWC-C 24-2020, July 14, 2020 COVID-19 Response and Business Continuity in Public Works

PWC-C 27-2020, August 4, 2020 COVID-19 Response and Business Continuity in Public Works

PWC-C 33-2020, September 8, 2020 COVID-19 Response and Business Continuity in Public Works

PWC-C 37-2020, October 13, 2020 COVID-19 Response and Business Continuity in Public Works

PWC-C 41-2020, November 10, 2020 COVID-19 Response and Business Continuity in Public Works

PWC-C 47-2020, December 8, 2020 COVID-19 Response and Business Continuity in Public Works