

## Traffic Calming Policy Update – Technical Warrant Criteria – Follow-up – November 2022

### ISSUE

This report provides information for implementing the use of temporary concrete curbs for temporary traffic calming installations.

### BACKGROUND

City Council, at its meeting held on September 26, 2022, considered the Traffic Calming Policy – Technical Warrant Criteria Follow-Up report and resolved, in part:

- “2. That Administration submit a revised budget and funding plan including the use of concrete traffic calming curbs.”

### CURRENT STATUS

If a traffic calming device is warranted, the Administration has typically installed the device in a temporary fashion and monitored for effectiveness prior to permanent installation. Temporary measures are currently installed with the use of temporary rubber curbing. The curbs are sometimes damaged throughout the winter due to winter road maintenance, and/or collisions.

With the timeframe between the installation of temporary traffic calming measures and conversion to a permanent installation, an alternative low maintenance method using temporary concrete curbing (TCC) was explored for temporary traffic calming installations.

### DISCUSSION/ANALYSIS

There are several municipalities already using TCC curbing for temporary installations with success.

As reported previously, anticipated benefits of TCCs over rubber curbs include:

- Decreased maintenance burden by reducing the risk of curbing being displaced or of curbing damaging snow removal equipment.
- Operational and safety improvement by reducing the risks of equipment strikes because the curbing is easier to see.
- Temporary measure is more likely to be in place year-round versus the rubber curbing which occasionally is displaced through snow management activities.
- Temporary measure may be durable enough that permanent traffic calming installation could be postponed until other construction work is needed on the street (i.e., water, sewer, asset preservation) to minimize disruption for residents on the street.

In 2023, the Administration intends to procure, supply, and install TCCs for temporary traffic calming installations at one or two locations with the intent to develop a standing

order for future years. Completing this work in 2023 would allow the Administration to establish the procurement process, determine an appropriate installation method, assess effectiveness and performance, and refine the request for the 2024-2025 Multi-Year Business Plan and Budget deliberation. All other locations eligible for new temporary traffic calming measures in 2023 would be installed with temporary rubber curbs.

### **FINANCIAL IMPLICATIONS**

The estimated cost of \$8,000 for the 2023 TCC installations at one or two locations will be funded from Capital Project P.01512 – Neighbourhood Traffic Management, which included \$50,000 in the 2023 budget year.

### **OTHER IMPLICATIONS**

There are no privacy, legal, or social implications identified. The environmental implications of swapping recycled-rubber curbs for TCCs were not reviewed.

### **NEXT STEPS**

1. Determine the procurement process for supply and installation of TCCs.
2. Resolve the installation methodology.
3. Install TCCs at one or two locations.
4. Monitor effectiveness of the TCC installations, including snow clearing operations.

#### Report Approval

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