

Committee of the Whole (2) Report

DATE: Tuesday, May 13, 2025

WARD(S): 1

TITLE: HEAVY TRUCK PROHIBITION ON MCNAUGHTON ROAD

FROM:

Emilie Alderman, Deputy City Manager, Public Works

ACTION: DECISION

Purpose

This report seeks Council approval to implement an updated heavy truck prohibition on McNaughton Road, from the northern limit of Major Mackenzie Drive to the western limit of Keele Street, to better support compliance while balancing community needs and goods movement City-wide.

Report Highlights

- Residents have raised concerns regarding heavy truck activity along McNaughton Road from the northern limit of Major Mackenzie Drive to the western limit of Keele Street.
- A detailed review of by-laws that were adopted in the late 1990s as well as current heavy truck movements supports the need to implement an updated restriction governing heavy trucks along McNaughton Road from the northern limit of Major Mackenzie Drive to the western limit of Keele Street.
- A daily heavy truck prohibition from 7 p.m. to 7 a.m. is expected to support compliance, meet community needs, and effectively manage goods movement City-wide.

Recommendations

1. That Council approve the implementation of a heavy truck prohibition on McNaughton Road, from the northern limit of Major Mackenzie Drive to the western limit of Keele Street, from 7 p.m. to 7 a.m. (daily);
2. That Council approve the repeal of By-laws 392-97 and 132-98;

3. That a By-law be enacted to amend By-law 284-94, the Consolidated Traffic By-law, to add a heavy truck prohibition on McNaughton Road, from the northern limit of Major Mackenzie Drive to the western limit of Keele Street, from 7 p.m. to 7 a.m. (daily); and
4. That the City Clerk forward a copy of this report and any associated by-laws to York Region and York Regional Police.

Background

A by-law was passed in 1997 to prohibit heavy truck traffic during certain times on McNaughton Road, from the northern limit of Major Mackenzie Drive to the western limit of Keele Street, to manage heavy truck movement in the residential area.

McNaughton Road, from the northern limit of Major Mackenzie Drive to the western limit of Keele Street, is a two-lane minor arterial road with a right-of-way ranging from 30 to 68 metres and a pavement width of 8.5 metres to 19 metres. A sidewalk is also present on the north side of McNaughton Road, east of St. Joan of Arc Avenue. A location map is provided in Attachment 1.

By-law 392-97, which amended Parking By-law 1-96, was adopted in 1997 to prohibit heavy trucks on McNaughton Road between the northern limit of Major Mackenzie Drive and the western limit of Keele Street. At the time, these restrictions were enacted to manage goods movement in a residential area during key times of the day. Goods movement on McNaughton Road is essential, as this corridor is associated with industrial land uses on Keele Street.

By-law 132-98 was then passed in 1998, with the intention of amending Parking By-law 1-96 and prohibiting heavy truck traffic on McNaughton Road. By-law 392-97 was not repealed when By-law 132-98 was introduced. Both by-laws outline conflicting restrictions that vary depending on the day of the week (Table 1), which is inconsistent with heavy truck restrictions City-wide and in neighbouring municipalities. This inconsistency creates challenges with signage, compliance and enforcement.

Table 1: By-law 392-97 and By-law 132-98

<u>By-law 392-97</u>	<u>By-law 132-98</u>
Monday – Friday: Midnight to 7 a.m.	Monday – Friday: Midnight to 5 a.m.
Monday – Friday: 7 p.m. to midnight	Monday – Friday: 7 p.m. to midnight
Saturday: Midnight to 7 a.m.	Saturday: Midnight to 5 a.m.
Saturday: 3 p.m. to midnight	Saturday: 1:30 p.m. to midnight
Sundays and Holidays: all times	Sundays and Holidays: all times

When the Parking By-laws were consolidated in 2019, the restrictions in By-laws 392-97 and 132-98 were neither repealed nor included in the new consolidated Parking By-law.

As a result, staff are recommending the repeal of By-laws 392-97 and 132-98 and the amendment of the Traffic By-law 284-94 to ensure heavy truck restrictions better suit current industry and community needs.

Previous Reports/Authority

[Traffic Bylaw 284-94](#)

Analysis and Options

Concerns raised by residents regarding heavy truck movements on McNaughton Road warranted further review.

Data collected between 2022 and 2024 indicates that heavy truck usage on McNaughton Road ranges from 4 per cent to 7 per cent of the daily total traffic (Table 2). These heavy truck traffic volumes are consistent with the designated roadway classification, as outlined in the Transportation Association of Canada guidelines. According to these guidelines, heavy vehicle traffic can make up to 20 per cent of the total traffic on arterial roads.

Table 2 – Heavy Truck Usage

<u>Date</u>	<u>Heavy Truck Percentage of Total Daily Traffic</u>
Monday – Friday	7 per cent
Weekend	4 per cent

Data also indicates that the majority of weekday heavy truck traffic complies with the restrictions set out in By-laws 392-97 and 132-98, however, compliance with these restrictions decreases on the weekends (Table 3). The above noted compliance concerns, as well as on-site observations and resident feedback, suggest a need to amend the Traffic By-law to provide clarity on the exact prohibitions for heavy truck traffic on McNaughton Road.

Table 3 - Percent Compliance with the Truck Restrictions in By-law 132-98

<u>Date</u>	<u>Compliance with the By-law 132-98 Restrictions</u>
Monday – Friday (7 p.m. to 5 a.m.)	90 per cent (few trucks are travelling during the restricted time)
Saturdays (1:30 p.m. to 5 a.m.)	58 per cent (trucks are travelling during this restricted time)
Sundays (all times)	Some truck use (although limited), despite full day restrictions

A daily heavy truck prohibition from 7 p.m. to 7 a.m. on McNaughton Road, from the northern limit of Major Mackenzie Drive to the western limit of Keele Street, will enhance compliance while maintaining efficient goods movement City-wide.

The proposed Traffic By-law amendment will specify a daily heavy truck restriction from 7 p.m. to 7 a.m. Table 4 demonstrates the percentage of daily heavy trucks that travel on McNaughton Road during the recommended restriction times.

Table 4 – Average Percent of Daily Heavy Trucks during Recommended Restrictions

<u>Date</u>	<u>Recommended Restriction Times</u>	<u>Percent of Daily Heavy Trucks During Recommended Restrictions</u>
Monday – Friday	7 p.m. to 7 a.m.	13 per cent
Saturday	7 p.m. to 7 a.m.	16 per cent
Sunday	7 p.m. to 7 a.m.	10 per cent

As a minor arterial roadway, the primary function of McNaughton Road is to move traffic. The proposed restrictions balance goods movement and support traffic operations, while also addressing residential and community needs by minimizing heavy vehicle disruptions overnight.

Financial Impact

The capital cost of installing the new signage is estimated at \$350 and is supported by the approved 2025 Operating Budget. The ongoing maintenance cost for the signage is expected to be \$150 per year and will be included in future operating budgets as part of the regular budgeting process.

Operational Impact

Roads Operations will be installing the signage.

Broader Regional Impacts/Considerations

York Regional Police will be informed of the proposed heavy truck restrictions.

Conclusion

To support compliance and balance community needs, it is recommended that heavy trucks be restricted on McNaughton Road, from the northern limit of Major Mackenzie Drive to the western limit of Keele Street, daily from 7 p.m. to 7 a.m.

For more information, please contact:

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Attachment

1. Location Map
2. Traffic By-law 392-97
3. Traffic By-law 132-98

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