

Date: 2023-03-23

Subject: **Traffic Related Issues - U-Turn Restrictions at Williams Parkway and Whitewash Way (Ward 5)**

Contact: Domenic Barranca, Traffic Operations Technologist II
Road Maintenance, Operations and Fleet, Public Works and
Engineering Department, 416-985-1867

Report Number: Public Works & Engineering-2023-301

Recommendations:

1. That the report titled: **Traffic Related Issues - U-Turn Restrictions at Williams Parkway and Whitewash Way (Ward 5) – (R301/2023)**, to the Committee of Council meeting of April 26, 2023, be received; and,
2. That Traffic By-law 93-93, as amended, be further amended to implement eastbound to westbound U-Turn restrictions at the intersection of Williams Parkway and Whitewash Way.

Overview:

- **Staff received traffic-related concerns regarding vehicles conducting U-turns at the intersection of Williams Parkway and Whitewash Way.**
- **Observations revealed a higher-than-expected number of vehicles travelling eastbound on Williams Parkway and making a U-Turn at the intersection of Williams Parkway and Whitewash Way to continue westbound, then proceed northbound on Chinguacousy Road.**
- **Staff recommends the implementation of U-turn restrictions for the eastbound to westbound maneuver at the subject intersection.**

Background:

Staff received concerns related to the number of vehicles making U-turns at the intersection of Williams Parkway and Whitewash Way.

Current Situation:

Staff conducted observations that revealed the eastbound left-turn lane at the intersection of Chinguacousy Road and Williams Parkway experiences a longer queue of vehicles during the peak periods the day. To avoid the queue, many vehicles proceed eastbound through the intersection to make a U-turn at the intersection of Williams Parkway and Whitewash Way. These U-turns cause congestion and difficulties for through traffic. As such, staff recommends implementing U-turn restrictions for the eastbound to westbound maneuver at the subject intersection.

Traffic Signals staff have also reviewed and optimized signal timings at the intersection of Williams Parkway and Chinguacousy Road to increase the capacity for the eastbound left turn movement.

Corporate Implications:Financial Implications:

The costs associated with the installation of the traffic signs required to support this initiative are estimated to be \$80. There is sufficient funding available within the Public Works and Engineering operating budget to proceed with the recommendations in this report.

Term of Council Priorities:

Streets for People: This report incorporates the Vision Zero framework into transportation planning, design and operations to prevent fatal and serious injury from motor vehicle collisions within the City right-of-way.

Conclusion:

Based on observations and data collected, staff recommends implementing U-turn restrictions for eastbound to westbound vehicles at the intersection of Williams Parkway and Whitewash Way.

Authored by:

Domenic Barranca
Traffic Operations Technologist II,
Road Maintenance, Operations and Fleet,
Public Works and Engineering

Reviewed by:

Rob Gasper,
Acting Director,
Road Maintenance, Operations and Fleet
Public Works and Engineering

Approved by:

Marlon Kallideen
Interim Commissioner
Public Works and Engineering

Submitted by:

Marlon Kallideen
Chief Administrative Officer

Attachments:

Figure 1: Proposed U-turn restrictions Williams Parkway and Whitewash Way