

THE CORPORATION OF THE CITY OF VERNON

MEMORANDUM



TO: Will Pearce, Chief Administrative Officer **FILE:** 5400-26
PC: James Rice, Director, Operation Services **DATE:** August 3, 2022
FROM: Ian Adkins, Manager, Roads Drainage and Airport
SUBJECT: TRAFFIC SIGNAL CONFLICT MONITOR TESTER

Administration is recommending the replacement purchase of the City's traffic signal conflict monitor tester.

Each traffic signal-controlled intersection in Vernon is equipped with a malfunction management unit (MMU) which continually monitors the traffic signals to ensure that the traffic and pedestrian lights operate correctly and there are no opposing traffic or pedestrian signal conflicts.

The City's Traffic Signal Technicians test and verify all MMU's annually consistent with industry best practices. Tests are performed using a traffic signal conflict monitor tester which is a specialized device designed specifically for this application. The City's current MMU tester was purchased in 2013 and has reached the end of its expected life and will no longer be supported by the manufacturer as of January 1, 2023.

The estimated cost of a new traffic signal conflict monitor tester is \$26,000 and could be funded by the 2021 Unexpended Uncommitted balance of \$217,010.

RECOMENDATION

THAT Council receive the memorandum titled "Traffic Signal Conflict Monitor Tester" dated August 3, 2022, respectfully submitted by the Manager, Roads, Drainage and Airport;

AND FURTHER, that Council authorize the expenditure of up to \$26,000 for the purchase of a traffic signal conflict monitor tester to be funded from the 2021 Unexpended Uncommitted balance.

Respectfully Submitted,

Ian Adkins
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Ian Adkins
Manager, Roads, Drainage and Airport