

REGION OF OTTAWA-CARLETON
RÉGION D'OTTAWA-CARLETON

REPORT
RAPPORT

Our File/N/Réf. **50 20-00-R005**
Your File/V/Réf.

DATE 18 August 2000

TO/DEST. Co-ordinator Transportation Committee

FROM/EXP. Director Mobility Services and Corporate Fleet Services
Environment and Transportation Department

SUBJECT/OBJET **TRAFFIC CONTROL SIGNAL INSTALLATION AT OLD
PRESCOTT ROAD AND PARKWAY ROAD**

DEPARTMENTAL RECOMMENDATIONS

That the Transportation Committee recommend Council approve:

- 1. that no cost sharing be provided to the Township of Osgoode to install a rural area traffic control signal and associated street lighting and road modifications at the intersection of Old Prescott Road and Parkway Road as no programme exists to fund unwarranted local municipality intersections; or,**
- 2. that cost sharing be provided to the Township of Osgoode to install a rural area traffic control signal and associated street lighting and road modifications at Old Prescott Road and Parkway Road, subject to funds being allocated from the New Traffic Control Signals Programme under the year 2000 provision to cost share unwarranted rural area signals.**

BACKGROUND

The Township of Osgoode has requested, through Council resolution (refer to Annex A), that the Region assist the Township with financial commitments to install a traffic control device at the intersection of Old Prescott Road and Parkway Road (refer to Annex B). Specifically, Osgoode staff has asked the Region to cover the cost to install and maintain a traffic control signal and the street lighting associated with the operation of a traffic signal in a rural area. As all signals within the Region must be technically approved by Regional staff (Regional Municipalities Act) prior to their implementation, the Region has requested road modifications, pedestrian signal heads and appropriate

street lighting be included in the installation prior to the Region granting approval. As these requirements moved the financial commitment beyond those originally budgeted and available to the Township to implement this traffic control device, the Township is requesting the Region's financial assistance.

Old Prescott Road and Parkway Road are two-lane undivided rural roadways under the jurisdiction of the Township. Abutting land uses consist of residential housing, farm land and small businesses. The intersection currently operates under a 4-way-stop control with flashing beacons. This control type was installed by the Township in November 1998 following a fatal collision which occurred in October 1998. Collisions at this intersection total four (2 angle collisions) for the three year period prior to the 4-way stop control and one since (one angle collision). Signals, in addition to maintaining the safety provided by the new multi-way stop control, are now being considered at this location as a measure to help address an evening and night-time noise problem associated with truck braking which results from the new north/south stop conditions. With traffic control signals in place, trucks that primarily use Old Prescott Road will only have to stop when the signal is activated by side street traffic or pedestrians.

The Township of Osgoode's request for funding stems from their wish to access the Region's recently announced program to cost share unwarranted signals in rural areas with the local municipality. Although this program was intended to address needs on Regional roads in rural areas, the Committee may wish to consider the Township request in light of the fact that all roads will be City of Ottawa roads in four months from now. Of those municipalities notified of the rural cost sharing arrangement, only Goulbourn and Osgoode have requested assistance in the funding of a signal.

DISCUSSION

The latest pedestrian and traffic count for this intersection was collected on Monday, 29 May 2000 and indicated that a traffic control signal is 41% warranted.

In accordance with Regional Council policy, staff have identified road requirements, signal hardware requirements and lighting requirements to ensure the safe operation of the intersection. In particular, road modifications include the alignment of the east and west legs of Parkway Road and the addition of left-turn lanes on Old Prescott Road, hardware requirements include pedestrian heads with push buttons to facilitate east-west pedestrian movements, and street lighting requirements. In total the capital cost to implement a traffic control signal at this location, including engineering, construction supervision and applicable taxes, is estimated to be approximately \$305,000. Broken down the costs are as follows: road modifications - \$132,000; traffic signals - \$85,600; street lighting - \$52,400; and engineering/supervision - \$35,000. In addition to the capital cost, there will be an annual operating and maintenance cost which is approximately \$3,000. The Township has allocated monies in the amount of \$175,000 for the cost associated with the roadway modifications. To cover the shortfall, they are requesting that the Region cover the installation of the traffic control signal and associated street lighting in the amount of \$130,000.

CONSULTATION

As Old Prescott and Parkway Road are not Regional Roads, public consultation is the responsibility of the Township of Osgoode.

FINANCIAL IMPLICATIONS

No funds have been allocated for this project. Should Committee recommend and Council approve the allocation of the requested \$130,000 to cover the cost of the traffic signal and street lighting installation, funds may be drawn from the New Traffic Control Signals capital account (#900431) as funds allocated to this account will not be completely spent in 2000 due to project delays resulting from unforeseen circumstances and property issues. However, funds allocated to this account are associated with the installation of warranted signals. Any funds reallocated will have to be replaced in the City of Ottawa's 2001 budget if the program to install signals approved by Regional Council is to continue.

Of the \$500,000 set aside from the New Traffic Control Signal Programme for cost sharing of unwarranted signals in rural areas, it is estimated that only \$50,000 will be remaining after the Hazeldean/Iber intersection work in the Township of Goulbourn is completed (of the rural area signals addressed, the Hazeldean/Iber intersection is priority one). However the actual amount will not be known until after the Hazeldean/Iber work has been tendered and awarded in early September.

*Approved by
Doug Brousseau*

GK/js

Attach. (2)

The following motion was approved by Council at the August 8th, 2000 meeting:

"THAT the Committee of the Whole recommends to Council the awarding of the contract No. 2728 for road work at Old Prescott Road and Parkway Road to Dibblee Paving and Materials at their tendered amount of \$132, 096.31 (tax included) and that the traffic plant supply and installation be carried out by Region of Ottawa Carleton at their quoted price of \$85, 600.00 (tax included), and that lighting supply and installation be carried and by Ottawa Hydro at their quoted price of \$52, 430.00 (tax included).

That awarding of the above noted work be subject to confirmation of funding approval, for in excess of \$175, 000.00 from the Region of Ottawa Carleton.

-Carried."

Certified a true Copy
Wayne Robinson
Clerk, Twp. of Osgoode

