

TOWN OF LAKESHORE**ENGINEERING AND INFRASTRUCTURE SERVICES
ENGINEERING SERVICES DIVISION**

TO: Mayor and Members of Council

FROM: Tony DiCiocco, Manager, Engineering Services Division

DATE: January 14, 2019

SUBJECT: Emergency Light at Fire Station No.1 on County Road 22

RECOMMENDATIONS:

It is recommended that:

1. Council approve the expenditure of \$19,000 for the installation of the fire hall warning lights and fund the cost from the Street Lights – New reserve account.

BACKGROUND:

Council adopted the following resolution at its October 9, 2018 meeting:

That Administration provide a report on the installation of an emergency light as a mechanism for safety for Fire Station 1.

COMMENTS:

The Town has researched the use of emergency lights at Fire Stations where motorists are warned in advance of the fire trucks leaving the station to attend to calls. Examples on Southwestern Ontario roads with similar lane configurations as County Road 22 at Fire Station #1 were reviewed with the Fire Chief. The location of a fire station on Wellington Road in the City of London that has existing fire station warning lights was one example identified.

The review in consultation with Fire Services determined that it would be beneficial to provide warning lights on County Road 22 to warn motorists of fire trucks exiting the station.

The consultant for the County of Essex on this project has researched suppliers of fire station warning lights and at this stage of the project has recommended that we consider installing solar powered, wireless remote controlled flashing signals as shown on the attached photo as Schedule 'A'. Based on the foregoing, it is recommended that a flashing signal pole be installed on both sides of the County Road facing westbound and eastbound traffic as per the map attached as Schedule 'B'.

OTHERS CONSULTED:

County of Essex
Fire Chief
Director of Legal and Legislative Services
Director of Finance Services

FINANCIAL IMPACTS:

The Town included \$175,000 in the 2018 Budget for the construction of electrical and new street lighting on County Road 22 as part of the County's CR22 Phase 6A project improvements. There was a savings with the project tender and adjustment on the street lighting that was constructed in 2018. The cost avoidance amounted to a savings of approximately \$65,000. The cost to install the fire hall warning lights was quoted at \$19,000 and determined there was sufficient funding within the budget amount allocated to this project in the 2018 Budget. As such, direction was provided to the County to install these two signs late last year but due to construction timelines the contractor was not able to complete the installation. The cost of the fire hall warning lights will be funded from the carry over unspent funding in the Street Lights – New reserve that was allocated in the 2018 Budget for the County Road 22 Phase 6A Road Improvements. Installation of the warning lights will be completed in the spring of 2019.

Prepared by:



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Engineering Services Division

Reviewed by:



Nelson Cavacas, C.E. T., Director
Engineering and Infrastructure Services

Submitted by:



Tom Touralias, P.Eng., MBA
Chief Administrative Officer

TD/td

Attachments: Schedule 'A' – Photo of fire hall warning light
 Schedule 'B' – Map of warning light locations

Schedule 'A'



Schedule 'B'

