



Administrative Report

To: Warden MacDonald and Members of Essex County Council

From: Allan Botham, P.Eng.
Director, Infrastructure & Planning Services

Date: Wednesday, July 17, 2024

Subject: Traffic Light Installation at the Intersection of County Roads 9 and 10

Report #: 2024-0717-IPS-R17-AB

Purpose

The purpose of this Administrative Report is to provide background information for County Council to render a decision regarding construction of a proposed traffic signal system at the intersection of County Road 9 and County Road 10.

Background

Council received report 2024-0619-IPS-R10-AB, Traffic Control at the intersection of County Roads 9 and 10 on June 19, 2024, regarding decisions made during construction of bridge B-09-11, and related to underground components of a future traffic signal system. The report also noted that Administration would bring forward an item within the proposed 2025 Budget to construct the above ground components of a traffic signal system.

Further, a Notice of Motion was received at the June 19, 2024 meeting of Council that, Council approve construction of the signals at CR 9 and CR 10 during the construction phase of the current bridge project, and further that monies be found in the existing construction budget.

Discussion

With respect to timing, as of July 8, 2024, construction to rehabilitate the bridge over River Canard at the intersection of County Road 9 and County Road 10 will be complete. The intersection will be open and operating as it was prior to construction with two-way stop control on County Road 10.

With respect to funding, typically, funding for similar capital or operation improvements comes from the Levy. A traffic signal is not considered a capacity building or expansion project, therefore, the Roadway Expansion Reserve would not be the source of funding.

The 2024 Construction – Roads, Bridges & CWATS budget was approved at \$19,030,700. Pavement rehabilitation contracts have been awarded and are under construction. It is too early to determine final quantities and the impacts of fluctuating asphalt cement prices. Several bridge projects have been awarded, however, there are five culvert/bridge projects yet to be tendered.

Considering the uncertainty remaining in the 2024 construction program, Administration recommends that the installation of the traffic signals at the subject intersection be pre-approved for the 2025 Construction – Roads, Bridges & CWATS budget.

Financial Implications

The cost to construct the above-ground traffic signal system at the intersection of County Road 9 and County Road 10 is estimated at \$250,000. The engineering design is already complete.

Since the bridge rehabilitation at this intersection will be finished by July 8, 2024, with the road reopened and functioning with two-way stop control, there are no cost savings from combining this project with the current bridge work.

Funding for this project will come from the Levy, as it does not qualify for the Roadway Expansion Reserve. The 2024 Construction – Roads, Bridges & CWATS budget of \$19,030,700 is already committed to several ongoing and planned projects, leaving uncertainties due to fluctuating asphalt prices and pending tenders.

Given these factors, Administration recommends pre-approving the traffic signal installation for the 2025 Construction – Roads, Bridges & CWATS budget.

Consultations

Director, Financial Services / Treasurer

Strategic Plan Alignment

Working as Team Essex County	Growing as Leaders in Public Service Excellence	Building a Regional Powerhouse
<ul style="list-style-type: none"> <input type="checkbox"/> Scaling Sustainable Services through Innovation <input type="checkbox"/> Focusing “Team Essex County” for Results <input type="checkbox"/> Advocating for Essex County’s Fair Share 	<ul style="list-style-type: none"> <input type="checkbox"/> Being an Employer with Impact <input checked="" type="checkbox"/> A Government Working for the People <input checked="" type="checkbox"/> Promoting Transparency and Awareness 	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Providing Reliable Infrastructure for Partners <input checked="" type="checkbox"/> Supporting Dynamic and Thriving Communities Across the County <input checked="" type="checkbox"/> Harmonizing Action for Growth <input type="checkbox"/> Advancing Truth and Reconciliation

Recommendation

That Essex County Council receive report number 2024-0717-IPS-R17-AB, Traffic Signal Installation at the Intersection of County Roads 9 and 10 as information, and

That construction of the traffic signal system at the intersection of County Roads 9 and 10 be pre-approved for the 2025 Budget at an estimated cost of \$250,000.

Approvals

Respectfully Submitted,

Allan Botham

Allan Botham, P.Eng., Director, Infrastructure and Planning Services

Concurred With,

Sandra Zwiers

Sandra Zwiers, MAcc, CPA, CA, Chief Administrative Officer

Appendix	Title
N/A	N/A