



## **Administrative Report**

**To:** Warden MacDonald and Members of Essex County Council

**From:** Jerry Behl, P.Eng.  
Manager, Transportation Planning and Development

**Date:** Wednesday, November 6, 2024

**Subject:** Intersection Safety Review-County Road 9 and Alma Street

**Report #:** 2024-1106-IPS-R26-JB

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### **Purpose**

The purpose of this report is to provide information on a review of safety at the intersection of County Road 9 and Alma Street in the Town of Amherstburg.

### **Background**

County Council directed Administration to look into the intersection of County Road 9 and Alma Street for safety improvements by Notice of Motion 316-2023.

“Whereas Amherstburg Town Council has voted at their October 10, 2023 meeting to direct Mayor Prue and/or Deputy Mayor Gibb to introduce a Notice of Motion to County Council requesting a Traffic Control Study at the intersection of County Rd 9 and Alma Road;

And whereas this intersection is owned by the County of Essex and is located within the Municipality of Amherstburg;

Now therefore, Essex County Council requests that County Administration conduct a Traffic Study for the said intersection”

County Road 9 (Howard Ave.) is a two-way one lane rural arterial with a posted speed limit of 80 km/h that runs north-south direction.

Alma Street is also a two -way one lane arterial with a posted speed limit of 80 km/h that runs east-west direction.

The intersection of County Road 9 and Alma St. is a four-leg unsignalized intersection, with the eastbound and westbound approaches (Alma St.) being stop controlled. The subject intersection is shown in **Figure 1**:



**Figure 1: Aerial image of County Road 9 and Alma Street Intersection**

## **Discussion**

Administration carried out a traffic operations and safety review of the intersection. The review included the following steps:

- A review of existing conditions
- Traffic data collection
- Site Observations
- Collision Data Review
- Intersection Performance
- Sight Line Analysis
- Consideration of Potential Geometric or Traffic Control Improvements

Administration concluded that:

The intersection of County Road 9 and Alma Street does not meet the technical warrants for a traffic signal or an all-way stop based purely on traffic counts, however the collision history and the near equal distribution of traffic justify the recommendation for some form of safety modification. The screening of County Road intersections indicates that this location has a high potential for safety improvement.

The report recommends the installation of a temporary traffic signal to be installed, and a feasibility study be carried out next spring to investigate the installation of a permanent traffic signal, roundabout or other geometric modification.

A copy of the report is attached as Appendix A.

### **Financial Implications**

The design and installation of a temporary signal at the intersection are estimated to cost approximately \$60,000. To help manage costs, the controller and cabinet from the County Road 42 and County Road 43 intersection will be repurposed for this project.

There is approximately \$35,000 remaining in the 2024 road safety improvements budget. Administration recommends that the funding gap of \$25,000 be funded from the Rate Stabilization reserve.

### **Consultations**

County Administration has consulted Amherstburg Administration regarding proposed modifications to this intersection.

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

That Essex County Council receive report number 2024-1106-IPS-R26-JB, Intersection Safety Review-County Road 9 and Alma Street as information;  
That Council direct Administration to install a temporary traffic signal at the intersection of County Road 9 and Alma Street; and  
That the projected funding gap of \$25,000 be funded from the Rate Stabilization reserve.

**Approvals**

Respectfully Submitted,

*Jerry Behl*

Jerry Behl, P.Eng., Manager, Transportation Planning and Development

Concurred With,

*Allan Botham*

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

Respectfully Submitted,

*Jerry Behl*

Jerry Behl, P.Eng., Manager, Transportation Planning and Development

Concurred With,

*Sandra Zwiers*

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

<b>Appendix</b>	<b>Title</b>
A	Traffic Control Study on County Road 9 (Howard Ave) and Alma St. in Amherstburg – Internal Summary Report