

REPORT NO. 219 of the
ENVIRONMENT, TRANSPORTATION & PUBLIC SAFETY
STANDING COMMITTEE
of its meeting held June 25, 2014

Present: **Councillor J. Gignac**
 Councillor R. Jones
 Councillor F. Valentinis, Chair
 Councillor A. Halberstadt
 Councillor H. Payne

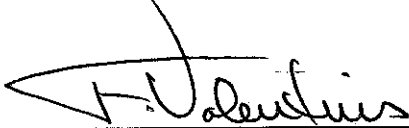
That the following recommendations of the Environment, Transportation and Public Safety Standing Committee **BE APPROVED:**

Moved by Councillor Halberstadt, seconded by Councillor Jones,
THAT the report of the City Engineer entitled "M96-2014 Highland Avenue and Logan Avenue All-Way Stop Petition" dated June 6, 2014 **BE DEFERRED** to a future meeting of the Environment and Transportation Standing Committee to allow administration to evaluate the speeding and the cut-through traffic concerns raised by an area resident, once schools are back in session.

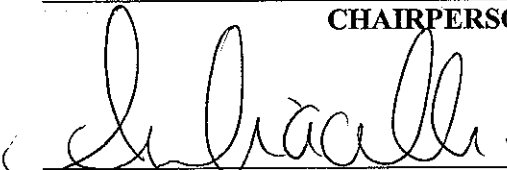
Carried.

Clerk's Note: The report of the City Engineer dated June 6, 2014 entitled "M96-2014 Highland Avenue and Logan Avenue All-Way Stop Petition" is attached as background information.

Livelihood 17235 ACO/11248

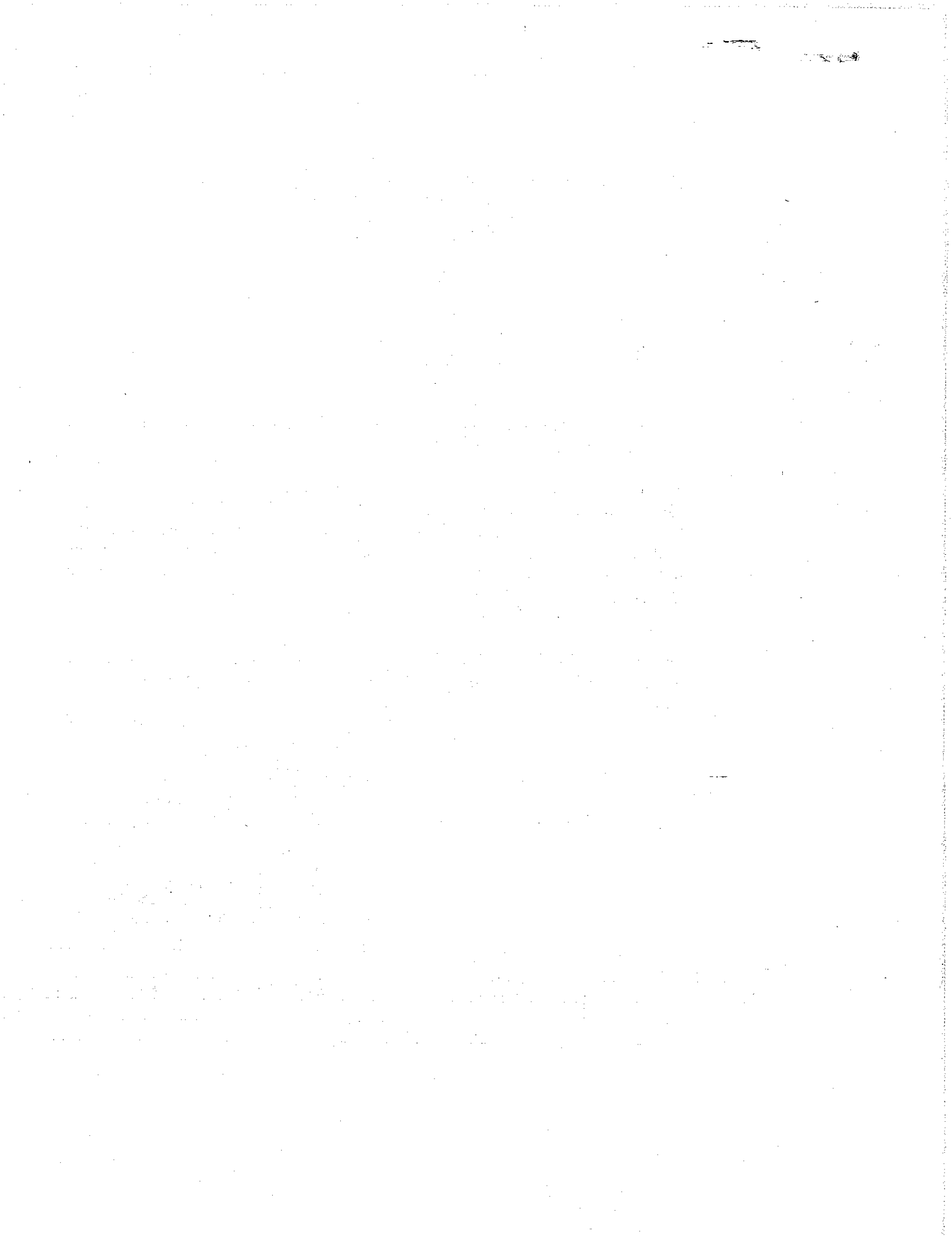


CHAIRPERSON



SUPERVISOR OF COUNCIL SERVICES

NOTIFICATION:				
Name	Address	Email Address	Phone	FAX



THE CORPORATION OF THE CITY OF WINDSOR
Environment, Transportation & Public Safety Standing Committee
Admin Report – Environment Transportation



MISSION STATEMENT:

"Our City is built on relationships – between citizens and their government, businesses and public institutions, city and region – all interconnected, mutually supportive, and focused on the brightest future we can create together."

LiveLink REPORT #: 17235	Report Date: June 6, 2014 PW#3857-06/11/14:eb
Author's Name: Jeff Hagan	Date to Council: June 25, 2014
Author's Phone: 519 255-6247 ext. 6003	Classification #:
Author's E-mail: jhagan@city.windsor.on.ca	

To: Environment, Transportation & Public Safety Standing Committee

Subject: M96-2014 Highland Avenue and Logan Avenue All-Way Stop Petition

1. RECOMMENDATION: City Wide: _____ Ward(s): 3

That report *M96-2014 Highland Avenue and Logan Avenue All-Way Stop Petition* **BE RECEIVED** for information.

EXECUTIVE SUMMARY:

N/A

2. BACKGROUND:

At the February 18, 2014 meeting of Council, resolution M96-2014 was passed in response to a petition requesting an all-way stop at the intersection of Highland Avenue and Logan Avenue:

*M96-2014 That the petition presented by Councillor Valentinis from the residents of Highland Avenue requesting the installation of 4-way stop signs at the intersection of Highland and Logan Avenues **BE RECEIVED** by the Clerk and the Clerk **BE DIRECTED** to forward the petition to the City Engineer for the purpose of an examination of the requested works or undertakings; and further that a report **BE PROVIDED** consistent with the direction provided.*

This report addresses the Council motion and the resident petition.

Under existing conditions, the intersection of Highland Avenue and Logan Avenue operates under two-way stop control, with Logan Avenue as the major (free flow) street and Highland Avenue as the minor (stop controlled) street. An area map showing existing traffic control is provided as Figure 1.

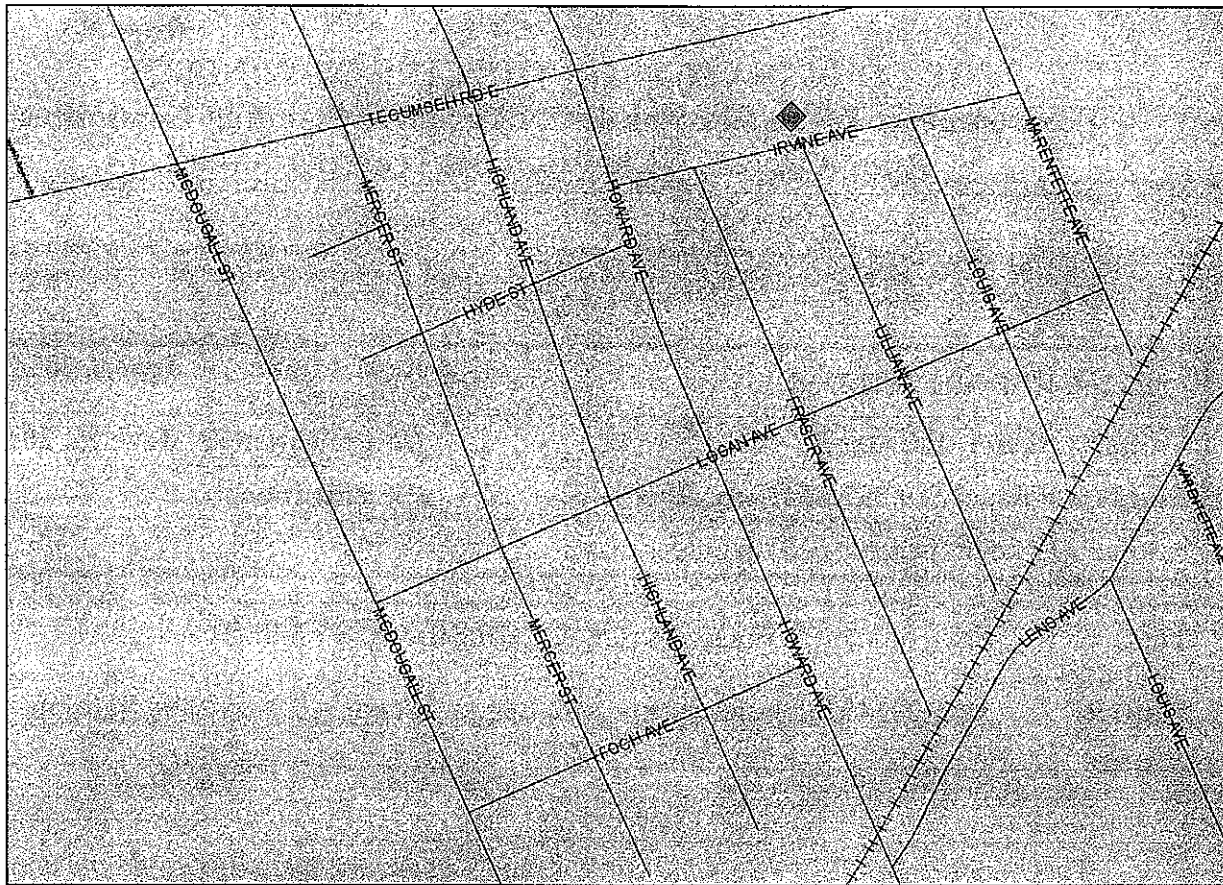


Figure 1: Area Map with Intersection Control on Logan Avenue

3. DISCUSSION:

The undated petition requesting an all-way stop was signed by twelve residents representing ten properties in the vicinity of the Highland Avenue/Logan Avenue intersection. The petition did not state the reasons supporting the request.

In response to the request, Administration carried out an all-way stop warrant review in accordance with the City of Windsor All-way Stop Policy. Intersection volume counts used for the warrant review were conducted on Thursday, February 27, 2014. This review found that a signal was not warranted for the following reasons:

- **Minimum Spacing Not Provided**

The All-Way Stop Policy prohibits new all-way stops within 250 metres of another all-way stop or traffic signal. The intersection is less than 250 metres from the signalized intersection of Howard Avenue and Logan Avenue (distance: 86 metres) and the all-way stop-controlled intersection of Mercer Street and Logan Avenue (distance: 93 metres).

- **Insufficient Vehicle and Pedestrian Volume**

The All-way Stop Policy provides different cases of vehicle and pedestrian volume that would warrant an all-way stop. Based on the intersection count conducted, the vehicle and pedestrian volumes were significantly below the required threshold for any warrant case.

- **Collision Warrant Not Met**

The All-way Stop Policy allows for intersections to qualify for an all-way stop based on collision frequency even if the vehicle or pedestrian volumes do not meet the volume warrants.

The 3-year collision history (July 1, 2010 to July 1, 2013) for the intersection was reviewed. Over this period, a total of one (1) reducible collision and zero (0) unreducible collisions were reported, which does not meet the collision warrant for an all-way stop (3 reducible collisions per year for 3 years).

The All-Way Stop Policy also considers other factors such as transit routes, truck routes, and future signalization. In the case of the Highland Avenue / Logan Avenue intersection, these additional factors neither precluded nor justified an all-way stop.

Additional information on the All-Way Stop Policy is available on the City website at <http://www.citywindsor.ca/residents/Traffic-And-Parking/Transportation-Planning/Pages/Transportation-Policies.aspx>

To confirm compliance with current standards, a general review of the intersection was carried out. No significant view obstructions in the intersection sight triangles were identified at the time of field inspection. A few minor issues with signage were noted:

- One stop sign partially obscured by a tree branch at some viewing angles/eye heights;
- Missing parking regulation signs on one corner;
- Corner clearance distances that were generally less than the 15 m standard (existing: varied from 7.9 m to 13.9 m).

These issues were communicated to the appropriate divisions for action (tree branch: Forestry and Horticulture; missing signs and non-standard sign locations: Signs and Markings).

4. RISK ANALYSIS:

Unwarranted all-way stops have the potential to increase risks to resident safety in several respects:

- Increased risk of rear-end collisions;
- Decreased compliance with stop controls (both at the intersection and generally), leading to increased risk due to collisions for pedestrians and vehicles; and
- Increased vehicle tailpipe emissions, resulting in cumulative air quality impacts and resulting health risks.

5. FINANCIAL MATTERS:

N/A

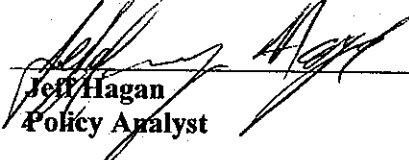
6. CONSULTATIONS:

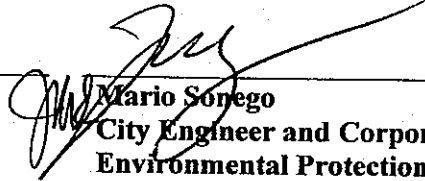
Bill Roesel, Manager, Forestry & Horticulture
Roberto Peticca, Supervisor, Signs & Markings

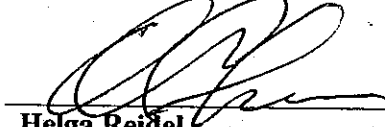
7. CONCLUSION:

The intersection of Highland Avenue and Logan Avenue does meet any of the warrants for an all-way stop provided in the All-Way Stop Policy. Administration does not recommend that an all-way stop be installed at this intersection.

In the course of the field investigation at the intersection, minor issues with vegetation and signage were identified. These issues have been communicated to the appropriate divisions for action.


Jeff Hagan
Policy Analyst


Mario Sonogo
City Engineer and Corporate Leader
Environmental Protection and Transportation


Helga Reidel
Chief Administrative Officer

JH

APPENDICES:
Appendix 'A' – Resident Petition

DEPARTMENTS/OTHERS CONSULTED:
Name:
Phone #: 519 ext.

NOTIFICATION :

Name	Address	Email Address	Telephone	FAX
Councillor Valentinis				
Area Residents				

Appendix 'A' - Resident Petition

Petition to Install 4 Way Stop Signs at the Intersection of Highland & Logan Avenues

Name

Address

Phone

~~Just~~ Michaud 2354 Highland Ave 971-9781

Gary Covell
G.W. Covell 2346 Highland Ave 919-6460

H.J. Farrugia 2389 Highland

Kari Kuby 2397 Highland 256-9174

Joe Gratton 2341 Highland (226) 344-7837

ED ROCHULBAU 2333 HIGHLAND

James A Miller 2321 Highland [Almost hit 3 times

Mike Kryskow 2340 Highland Ave (226)-787-2229

Jake Ollett 2340 Highland Ave (226)-346-4449

Ken Marchant 2324 HighComp 226-246-6364

Elizabeth Rubin 2276 HIGHLAND 591 9735729

PETITION

February 18, 2014 Council Meeting

[Councillor Valentinis]

