

Request for Decision

Crosswalk Request - Elgin Street at Shaughnessy Street

Presented To: Operations Committee

Presented: Monday, May 05, 2014

Report Date: Wednesday, Mar 26, 2014

Type: Managers' Reports

Recommendation

THAT the City of Greater Sudbury install pedestrian warning signs for the unprotected crossing at the intersection of Elgin Street and Shaughnessy Street;

AND THAT the City of Greater Sudbury continue to monitor pedestrian and vehicle volumes at this intersection to determine if pedestrian signals, full traffic signals or an all-way stop become warranted;

AND THAT the City of Greater Sudbury review this location for the installation of a new type of pedestrian crossing facility currently being reviewed by the Province of Ontario, if it is approved.

Background

At the City Council meeting of August 13, 2013, a petition was submitted requesting a crosswalk be provided at the intersection of Elgin Street and Shaughnessy Street to allow people from the Samaritan Centre to cross Elgin Street to access the bus stop on the south side of the roadway (see Exhibit 'A').

The intersection of Elgin Street and Shaughnessy Street is currently controlled with a stop sign facing only southbound traffic on Shaughnessy Street (see Exhibit 'B'). Since traffic on Elgin Street is not required to stop at this intersection, the requested crosswalk would be considered an unprotected crossing.

City Council adopted a pedestrian crossing policy in March 2012. In terms of unprotected pedestrian crosswalks, the approved policy states the following:

With the exception of crosswalks for school crossing guards, marked unprotected crosswalks should be generally discouraged. However, the specific characteristics and needs of each location should be carefully considered and appropriate treatments applied to maximize safety.

At locations where unprotected crosswalks are maintained on two lane, low speed roads (i.e. 50 km/h

Signed By

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Division Review

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Recommended by the Department

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or less), it is recommended a pedestrian warning sign (Wc-7) be posted in advance of the crossing and that two back to back Wc-7 signs be mounted on each side of the road in the immediate vicinity of the crossing. **Additionally, no pavement markings shall be used to denote the crossing on the roadway and existing pavement markings shall be removed.**

City staff completed a traffic count on September 23, 2013 to determine how many pedestrians are crossing Elgin Street in the area of Shaughnessy Street and if an all-way stop or traffic signals would be appropriate in order to provide a protected crosswalk across Elgin Street. During the 7 peak hours that traffic was counted, a total of 312 pedestrians crossed Elgin Street.

Applying the data from the turning movement count to the City's all-way stop warrants indicates that the minimum vehicle volume warrant meets only 42% of the requirements.

Applying the same data to the Ontario Traffic Manual warrant for the installation of traffic signals indicates that vehicle volumes meet only 49% of the minimum requirements. However, the pedestrian crossing volumes is 92% of the minimum requirements for pedestrian signals to be installed.

A review of the City's collision information from 2011 to 2013 revealed that there were no collisions that involved pedestrians or that may be susceptible to relief through an all-way stop or traffic signal.

Recommendation

Based on the traffic volumes, pedestrian volume and collision history, it is not recommend that an all-way stop, pedestrian signals or full traffic signals be installed at the intersection of Elgin Street and Shaughnessy Street at this time.

It is recommended that pedestrian warning signs (Exhibit 'C') be posted in advance of the unprotected crossing and that two back to back pedestrian warning signs be mounted on each side of the road in the vicinity of the crossing.

The Elgin Greenway project is also scheduled to begin in the near future. Part of the project will include redevelopment of the CP Rail parking lot. This redevelopment may change the pedestrian desire lines. It is recommended that pedestrian crossing volumes be monitored after the Elgin Greenway project is completed to determine if pedestrian signals, full traffic signals or an all-way stop become warranted.

Also, the Ministry of Transportation of Ontario is currently in the process of developing new protected pedestrian crossing facilities and legislation which will apply to situations where pedestrian and vehicle volumes do not meet the requirements for traffic signals. However, it is unknown when the new crossing devices will be approved for use in the province. It is recommended that this location be reviewed if and when municipalities are permitted to install the new types of pedestrian crossing facilities.

5
Total

PETITION

We, the

People needing access

Identify, in general terms, who the petitioners are: for example: residents of Ward, Residents of Street, Residents of Community of, citizens of the City of Greater Sudbury.

Briefly state the matter or argument in support of your petition.

This is to be included on each signature page.

CROSSWALK - Samareten Center to bus stop at Shingway

State the specific request for action you wish Council to undertake.

This is to be included on each signature page.

PAINT LINES - has curb cut out + used by staff (city)

NAME, ADDRESS AND TELEPHONE NUMBER
OF THE SPOKESPERSON OR PRINCIPLE PETITIONER:

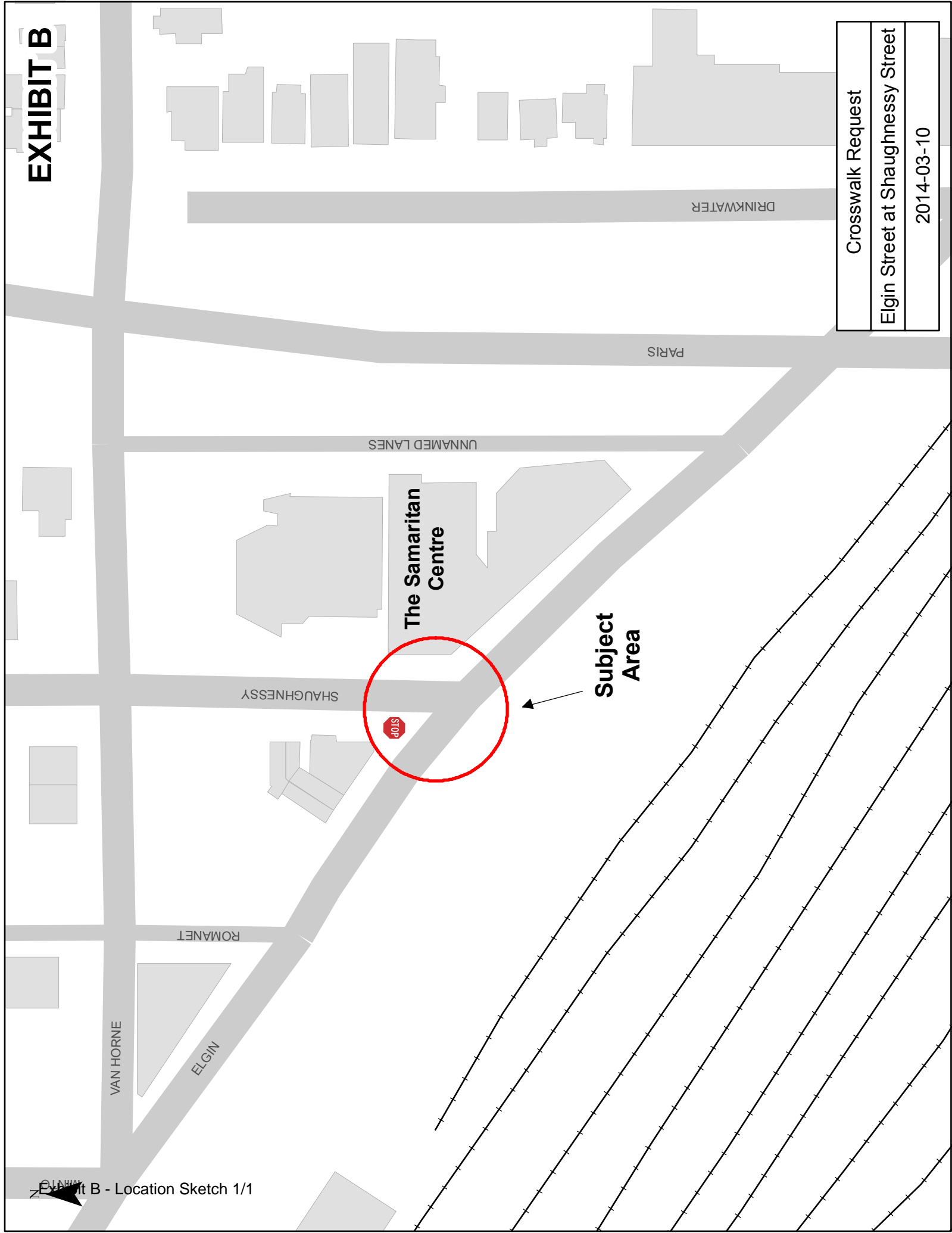
[REDACTED]

Here follows the Signatures

	Signatures <small>(only original signatures are permitted-if signing on behalf of a business or organization you should indicate if you are the owner, president, secretary, treasurer, etc.)</small>	Addresses <small>(your residential address in the City of Greater Sudbury)</small>
1.	[REDACTED]	[REDACTED]
2.	[REDACTED]	[REDACTED]
3.	[REDACTED]	[REDACTED]

Once submitted to Council, this petition becomes a public document and is available for viewing. The information provided on a petition is not considered to be confidential information and may be seen by anyone requesting to see copies of the petition. This information will not be used by the City for any purpose other than to ensure it meets Council's requirements for a valid petition and ensure to contact with spokesperson or principal petitioner.

EXHIBIT B



Crosswalk Request
Elgin Street at Shaughnessy Street
2014-03-10

EXHIBIT 'C'

Pedestrians Ahead

Wc-7

