Traffic Calming - Coady Avenue

Date: March 28, 2017
To: Toronto and East York Community Council
From: Acting Director, Transportation Services, Toronto and East York District
Wards: Ward 30, Toronto-Danforth

SUMMARY

This staff report is about a matter that Community Council has delegated authority to make a final decision, provided that it is not amended so that it varies with City policy or by-laws.

Transportation Services staff have reviewed the need for traffic calming on Coady Avenue, between Queen Street East and Mallon Avenue, to address residents' concerns regarding vehicle speeds. Our assessment indicates the criteria as set out in the traffic calming policy has not been satisfied on this roadway. Therefore, traffic calming should not be installed on Coady Avenue, between Queen Street East and Mallon Avenue.

RECOMMENDATIONS

The Acting Director, Transportation Services, Toronto and East York District, recommends that:

1. Toronto and East York Community Council deny the installation of traffic calming measures on Coady Avenue, between Queen Street East and Mallon Avenue.

FINANCIAL IMPACT

There is no financial impact resulting from the adoption of the recommendations in this report.
Transportation Services, Toronto and East York District, was requested by Toronto & East York Community Council, at its meeting on February 22, 2017 (item TE22.95), to report back to the May 2nd, 2017 Toronto and East York Community Council meeting regarding the installation of speed humps on Coady Avenue, between Queen Street East and Mallon Avenue.

COMMENTS

Existing Conditions
Coady Avenue, between Queen Street East and Mallon Avenue, is a local roadway which operates one-way, northbound, with a posted speed limit of 30 km/h. The pavement width is about 7.32 metres and sidewalks are provided on both sides. The following parking regulations are currently in effect on Coady Avenue, between Queen Street East and Mallon Avenue:

West Side:
- Parking by permit only, from 12:00 midnight of one day to 12:00 midnight of the following day, all times.
- Parking is prohibited from Dec. 1 of one year to Mar 31 of the next following year, inclusive.
- Parking is prohibited, from April 1 to November 30, inclusive; between a point 65 metres north of Queen Street East and a point 111.5 metres north of Queen Street East, between a point 159.5 metres north of Queen Street East and a point 155.5 metres south of Mallon Ave, between a point 112.5 metres south of Mallon Avenue and a point 56 metres south of Mallon Avenue.

East Side:
- Parking by permit only, from 12:01 a.m. to 7:00 a.m., all times.

There is no TTC service provided on Coady Avenue.

Analysis
Transportation Services conducted a mid-block speed and volume study on Coady Avenue, between Queen Street East and Mallon Avenue, over a two-day mid-week period in March 2017. It should be noted that the studies are based on the warranted speed limit of 40 km/h.

The study findings were assessed against the City of Toronto's traffic calming policy and it was found that Coady Avenue, between Queen Street East and Mallon Avenue, did not meet the warrant criteria for the installation of traffic calming devices.
The warrants were evaluated on the following criteria:

**Speed:**
- Coady Avenue, between Queen Street East and Mallon Avenue; the operating (85th percentile) speed was found to be 39 km/h. This is below the minimum of 10 km/h over the warranted speed limit required to satisfy the traffic calming installation criteria.

**Volume:**
- Coady Avenue, between Queen Street East and Mallon Avenue; the daily traffic volume recorded was 400 vehicles. This is below the minimum of 1,000 vehicles per day needed to satisfy the traffic calming installation criteria.

A review of Toronto Police Service collision records for a three-year period ending June 30, 2016 disclosed that four collisions occurred on the section Coady Avenue, between Queen Street East and Mallon Avenue. None of these collisions could not be attributed to excessive speed.

In view of the above, the installation of traffic calming devices on Coady Avenue, between Queen Street East and Mallon Avenue, is not warranted. Transportation Services does not support the installation of traffic calming measures on Coady Avenue, between Queen Street East and Mallon Avenue.

Appendix A entitled "Table 2: Traffic Calming Warrant Criteria – Coady Avenue" outlines the results of the assessment.

**Alternate Recommendations**
If, despite the findings above, Toronto and East York Community Council determines that installing speed humps on Coady Avenue, between Queen Street East and Mallon Avenue, would be beneficial, it may approve the following:

"That the Toronto and East York Community Council direct:

1. The Acting Director of Transportation Services, Toronto and East York District request the City Clerk to poll eligible householders on Coady Avenue, between Queen Street East and Mallon Avenue, to determine whether residents support the installation of traffic calming, in accordance with the City of Toronto Traffic Calming Policy.

2. Subject to favourable results of the poll, the City Solicitor prepare a by-law to alter sections of the roadway on Coady Avenue, between Queen Street East and Mallon Avenue, for traffic calming purposes, generally as shown on the copy of Drawing No. 421G-2549, dated April 2017, attached to the report entitled 'Traffic Calming – Coady Avenue' from the Acting Director, Transportation Services, Toronto and East York District."
The estimated cost for installing five speed humps on Coady Avenue, between Queen Street East and Mallon Avenue is $16,000.00 and would be available in 2018 budget estimates.

**Conduct Poll**
The City of Toronto's traffic calming policy stipulates that residents who would be directly affected by installing speed humps on Coady Avenue, between Queen Street East and Mallon Avenue, be formally polled. A minimum response of 50 percent plus one ballot is required, of which at least 60 percent of the respondents must support installing speed humps in order to proceed with the installation. Should Toronto and East York Community Council approve the recommendations outlined above, Transportation Services would request a poll of eligible residents on Coady Avenue, between Queen Street East and Mallon Avenue. If the poll supports speed humps, Transportation Services would schedule installation based on relative need, competing priorities and funding availability.

**Relative Priority and Other Impacts**
Relative need and priority of speed hump installation is based on a technical assessment of traffic volume, vehicle speed percentages, speed-related collisions, and the presence of schools, parks, seniors’ residences or bicycle routes. Coady Avenue, between Queen Street East and Mallon Avenue, scored 4 ranking points out of a possible 100.

No alterations to parking regulations are required, nor would the number of parking spaces be affected by the installation of speed humps. Installation of speed humps will have minimal effect on winter services, street cleaning and garbage collection.

Speed humps will result in slower operating speeds for all vehicles, including emergency service vehicles, and could result in increased response times in the event of an emergency.

**Emergency Services Comments**
Consultation with emergency services (Police, Fire and Paramedic Services) is required to ensure that the design and layout of a traffic calming proposal does not unduly affect their operations. Comments have not yet been received from Toronto Fire Services, Toronto Paramedic Services, and Toronto Police Services.
Councillor Paula Fletcher has been advised of the recommendations of this staff report.

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SIGNATURE

Dave Twaddle, C.E.T.
Acting Director, Transportation Services
Toronto and East York District

ATTACHMENTS

1. Drawing No 421G-2549, dated April 2017
2. Appendix A - Table 1: Traffic Calming Warrant Criteria (Coady Avenue)
COADY AVE: QUEEN ST E TO MALLON AVE
PROPOSED SPEED HUMP LOCATIONS PLAN

J.T.
N.T.S.
APRIL, 2017
DWG. NO. 421G-2459

TRANSPORTATION SERVICES
TORONTO & EAST YORK DISTRICT
### Table 2: Traffic Calming Warrant Criteria

Coady Avenue, between Queen Street East and Mallon Avenue

<table>
<thead>
<tr>
<th>Warrant</th>
<th>Criterion</th>
<th>Requirement</th>
<th>Met/Not Met</th>
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<tbody>
<tr>
<td>Warrant 1 Petition</td>
<td>1.1 Petition</td>
<td>A petition requesting traffic calming must be signed by at least 25% of households on the street. <strong>OR</strong> A direct request from the Ward Councillor. Warrants #2 and #3 will not be considered until Warrant #1 is satisfied.</td>
<td>Met — Requested to investigate by Councillor Fischer (Item E21.95)</td>
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<tr>
<td>Impacts to Adjacent Streets</td>
<td></td>
<td>No significant traffic impacts on adjacent streets</td>
<td>Met — There should be no traffic spill-over to adjacent streets</td>
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<tr>
<td>Warrant 2 Safety Requirements (all three criteria must be fulfilled to satisfy this Warrant)</td>
<td>2.1 Sidewalks</td>
<td>Continuous sidewalks on at least one side of the street (both sides for collector streets or higher classification). <strong>OR</strong> Where there are no sidewalks, the installation of sidewalk on at least one side of the street must have first been considered</td>
<td>Met — There is sidewalk present on both sides of the road</td>
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<td></td>
<td>2.2 Road Grade</td>
<td>Road grade 5% or less <strong>OR</strong> Between 5% and 8% road grade may be considered. Investigation must determine installation to be safe.</td>
<td>Met — The road grade on Badgerow Avenue is less than 5%</td>
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<td>2.3 Emergency Response</td>
<td>No significant impacts on Emergency Services - as determined in consultation with Emergency Services (Fire, Ambulance and Police) staff.</td>
<td>Comments were requested and have not yet been received from police Services, Fire Services and Paramedic Services</td>
</tr>
<tr>
<td>Warrant 3 Technical Requirements (all four criteria must be fulfilled to satisfy this warrant)</td>
<td>3.1 Minimum Speed</td>
<td>85th %ile speed is a minimum of 10 km/h (but less than 15 km/h) over a warranted 40 km/h speed limit, and the traffic volume requirements of Warrant 3.2 must be fulfilled <strong>OR</strong> On streets where the 85th %ile speed exceeds a warranted 40 km/h speed limit by a minimum of 15 km/h, there is no minimum volume required in warrant 3.2.</td>
<td>Not Met — Speed studies on Coady Avenue, between Queen Street East and Mallon Avenue, shows an 85th percentile speed of 39 km/h.</td>
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<td>3.2 Min. and Max. Traffic Volume</td>
<td>Local Roads: Traffic volume between 1,000 Veh/day and 8,000 Veh/day</td>
<td>Collector Roads: Traffic volume between 2,500 Veh/day and 8,000 Veh/day</td>
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<td>3.3 Minimum Street Segment Length between stop controls</td>
<td>Street segment length must exceed 120 meters between stop controls (signals or stop sign)</td>
<td>Met — Distance between stop controls on Coady Avenue, between Queen Street East and Mallon Avenue exceeds 120 metres in length</td>
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<td>3.4 Transit Service</td>
<td>Impacts on regularly scheduled Toronto Transit Commission (TTC) services will not be significant (as determined in consultation with TTC staff)</td>
<td>Met — No TTC service on Coady Avenue, between Queen Street East and Mallon Avenue</td>
</tr>
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