



REPORT TO COUNCIL

To: **Mayor Schaffer and Councillors**

Subject **Traffic Calming on 50 Ave at Conder Park**

Report #: 17-029

File #: 5460.06

From: Kara Jefford, P. Eng.
Manager of Engineering Services

Doc #:

Date: May 30, 2017

RECOMMENDATIONS:

1. THAT Council approve Traffic Calming Option A on 50 Ave from 198B Street to 50A Avenue - including two speed humps, a raised crosswalk and curb extensions at 198B Street for an estimated budget of \$40,000.
2. THAT Council approve additional Traffic Calming Measures based on the public feedback – including up to five (5) additional speed humps on 50 Avenue to the west of Conder Park, a fence along the frontage of Conder Park, and pedestrian activated rapid flashing beacons at the 198B Street crosswalk - which would be relocated to the East side of the road for an estimated budget of \$70,000.
3. THAT Council approve Traffic Calming measures on 197B Street - up to three (3) speed humps for an estimated budget of \$18,000.
4. THAT Council approve Traffic calming on 50A Avenue – up to five (5) speed humps for an estimated budget of \$30,000.

PURPOSE:

To present the results of the 50 Avenue Traffic Calming public input to Council and to recommend the preferred concept for Traffic Calming to be implemented on 50 Avenue fronting Conder Park.

POLICY:

Traffic Calming Policy – CO-47

COMMENTS/ANALYSIS:

The City has received numerous traffic calming requests to address speed and safety concerns on 50 Avenue. The main concerns communicated to staff involve vehicle speeds exceeding 50 km/hr and vehicles not stopping for pedestrians at the crossing at 198B Street. Staff evaluated these requests based on many factors which are outlined in the City Traffic Calming Policy CO-47. The traffic volumes and speeds were measured on 50 Avenue and met the warrant criteria for traffic calming.

To gauge community support for traffic calming, 386 ballots were sent out to the area surrounding the school and 110 were returned, representing a 28% response rate. The results of the returned ballots were as follows: Yes: 89 (81%) No: 21 (19%).

Three concept plans were created to show various traffic calming measures which could be implemented on 50 Avenue. These options were presented at a Public Open House held at Nicomekl Elementary School on May 24, 2017 and on the City website. Copies of the three concepts presented for public input are attached.

Fifty-four people attended the open house and Fifty-one (51) submitted comment forms– the concept plans were on the website for one week following the public open house for additional comments from those unable to attend the meeting. A summary of the public feedback on the traffic calming concept plans presented for 50 Avenue is shown in the table below.

Option	A	B	C	No Traffic Calming
# votes	36	6	2	6
Estimated Cost	\$40,000	\$30,000	\$43,000	-
Features	Speed humps (2) Curb Extensions Raised Crosswalk	Speed humps (2) Raised Crosswalk	Crossing Median Divider Rapid Flashing Beacons	-

On the feedback forms there were many common requests. Here is a detailed listing with the number of people requesting in brackets:

- Extend traffic calming on 50 Ave to 192 St* (15)
- Move crosswalk on 50th Ave to the East side of 198B St where sidewalk continues North (9)
- Include traffic calming measures along 50A Ave (8)
- Construct sidewalks on south side of 50 Ave (and fence the park along 50 Ave) (8)
- Install the pedestrian activated Rapid Flashing Beacon at the crosswalk (7)
- Install traffic signal at 200 St and 50 Ave (6)
- Widen sidewalk on the north side of 50 Ave and extend west (5)
- Install crosswalk at High Knoll Park entrance* (4)
- Install “No Heavy Trucks” signage (3)
- Install pedestrian activated crosswalk (3)
- Install traffic calming on 197A St (3)
- Narrow 50 Ave similar to 203 St (3)

*comment extends project into City of Surrey

Staff recommends installing the following traffic calming measures in Option A. Here is a high level costing of the recommended items from the public feedback:

- Additional five speed humps west to Surrey border - \$30,000
- Fence along Conder Park frontage - \$15,000
- Pedestrian Activated Rapid Flashing Beacon - \$25,000
- Traffic Calming on 50A Avenue (5 speed humps) - \$30,000
- Traffic Calming on 197B St (3 speed humps) - \$18,000

This brings the total project budget to \$158,000.00. The total Traffic Calming budget for 2017 is \$400,000. There are other locations being proposed for traffic calming in 2017, such as 198 Street at Brydon Park and Michaud Crescent and 201A Street at Linwood Park. Allocating \$158,000.00 towards this project may have an impact on the ability to deliver other traffic calming priorities within 2017.

BUDGET IMPLICATIONS:

This project is within the 2017 Traffic Calming budget of \$400,000; however, the increased scope of traffic calming recommended may result in reducing the budget for other traffic calming priorities, such as 198 Street at Brydon Park and Michaud Crescent and 201A Street at Linwood Park. Subject to the results of the public consultation for the other projects, an additional budget

may be required to complete the desired traffic calming all the locations. This would be brought forward by staff under a separate report.

ALTERNATIVES:

- Not proceed with traffic calming on 50 Avenue, 197B Street or 50A Avenue.
- Proceed with Traffic Calming on 50 Avenue but not on 197B Street or 50A Avenue.
- Proceed with alternative traffic calming measures on 50 Avenue.

Respectfully Submitted,



Kara Jefford P.Eng.
Manager of Engineering Services

Attachment(s): 50 Avenue Traffic Calming Option's A, B and C.

CHIEF ADMINISTRATIVE OFFICER'S COMMENTS:

I support the recommendation.



Francis Cheung, P. Eng.
Chief Administrative Officer