

TO: CHAIR AND MEMBERS
PUBLIC SAFETY COMMITTEE

DATE: 2018 January 29

FROM: DIRECTOR ENGINEERING

FILE: 34500 01

SUBJECT: 2018 LOCAL AREA SERVICE PROGRAM FOR SPEED HUMPS

PURPOSE: To review applications for the 2018 speed hump program and recommend streets that should proceed to the Local Area Service Program (LASP) process.

RECOMMENDATIONS:

1. **THAT** the Committee recommend that Council advance the requested speed humps, as discussed and recommended in this report, to the 2018 LASP process.
2. **THAT** the Committee recommend that Council send a copy of this report to the residents who requested speed humps as part of the 2018 LASP.

REPORT

BACKGROUND

The Traffic Safety Committee annually reviews all requests for speed humps for inclusion in the following year's Local Area Service Program (LASP). Over the course of 2017, City staff has responded to numerous inquiries from residents about the process for installing speed humps along their street. Of those, a total of 6 residents have expressed a desire this year to initiate the LASP process for installing speed humps next year.

REVIEW OF REQUESTS

A review of the 6 applications for the 2018 Speed Hump LASP was completed and all were found to meet the general guidelines of the program (local residential road, less than 8% grade, and requested by a registered property owner).

As part of the review, the Fire Department was consulted to ensure that the proposed speed humps would not adversely affect their emergency response time significantly. It should be noted that speed humps are only installed on local streets to limit the cumulative impact of speed humps on emergency response times. Local collectors and other higher order streets are not eligible for speed hump installations.

The Fire Department has no objection to the program proposed and none are along Transit routes.

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Brief descriptions of the 2018 applications are provided below.

6800 – 7100 Block Gray Avenue (Imperial - Victory) (Attachment #1)

Gray Avenue is fronted by single family homes and the road is constructed to an interim standard with 6m wide pavement and gravel shoulders. Installation of humps on this street may require the installation of concrete bull noses at the ends of the humps to prevent vehicles from driving around them.

It is recommended that the requested LASP for speed humps proceed.

Centaurus Circle (Aquarius Dr – Centaurus Dr) (Attachment #2)

Centaurus Circle is fronted by multi-family dwelling units on the outer part of the circle and Simon Fraser Hills Park on the inner on an 11m wide finished standard road with concrete curb and gutter.

It is recommended that the requested LASP speed humps proceed.

100 Block MacDonald Ave North (Dundas St – Oxford St) (Attachment #3)

MacDonald Ave is fronted by single family homes and the road is constructed to an interim standard with 6m wide pavement, gravel shoulders and a sidewalk on the east side. Installation of humps on this street may require the installation of concrete bull noses at the ends of the humps to prevent vehicles from driving around them. This area is surrounded by other local streets with existing speed humps.

It is recommended that the requested LASP speed humps proceed.

6900 – 7200 Block Linden Ave (Edmonds St – Imperial St) (Attachment #4)

Linden Ave is fronted by multi-family dwelling units and is constructed to an 11 m wide finished standard.

This section of Linden Ave was paved in the fall of 2017 and will be under warranty from the contractor until late 2018. If no issues arise under the warranty period and the petition is successful, the speed humps would be installed in 2019 following the warranty period and when weather conditions are more favourable.

It is recommended that the requested LASP for speed humps proceed.

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6500 – 6700 Block Randolph Ave (Imperial St – Bryant St) (Attachment #5)

Randolph Ave is fronted by single family homes and is constructed to an 8.5 m wide finished standard with concrete curb & gutter.

It is recommended that the requested LASP for speed humps proceed.

6400 – 6500 Block Denbigh Ave (Irving St – Kingsway) (Attachment #5)

Denbigh Avenue between Irving St and Kingsway is a mix of single family homes on the west side, multi-family dwelling units & single family homes on the east side and commercial at the very south end. The road is constructed to an 11 m wide finished standard.

It is recommended that the requested LASP for speed humps proceed.

RECOMMENDATION

Staff recommend that all of the above requested speed humps be advanced to the 2018 LASP process managed by the City Clerks Department.



Leon A. Gous, P. Eng., MBA
DIRECTOR ENGINEERING

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Enclosures

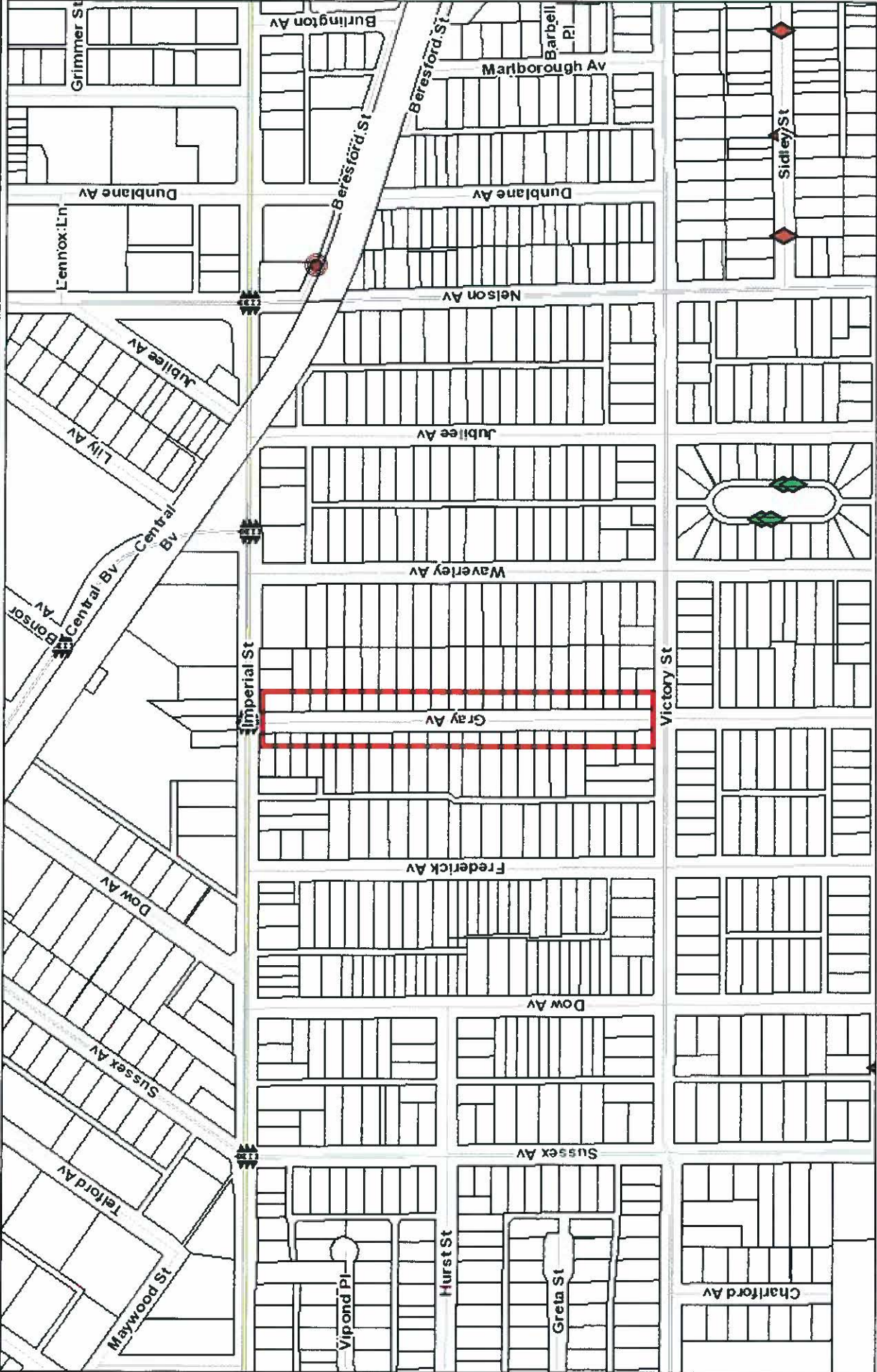
Copied to: City Manager
Director Finance
City Clerk



Gray Ave

Attachment # 1

14.831



The information has been gathered and assembled on the City of Burnaby's computer systems. Data provided herein is derived from a number of sources with varying levels of accuracy. The City of Burnaby disclaims all responsibility for the accuracy or completeness of information contained herein.

 Proposed Location of 2018 LASP Speed Humps

 Existing speed humps

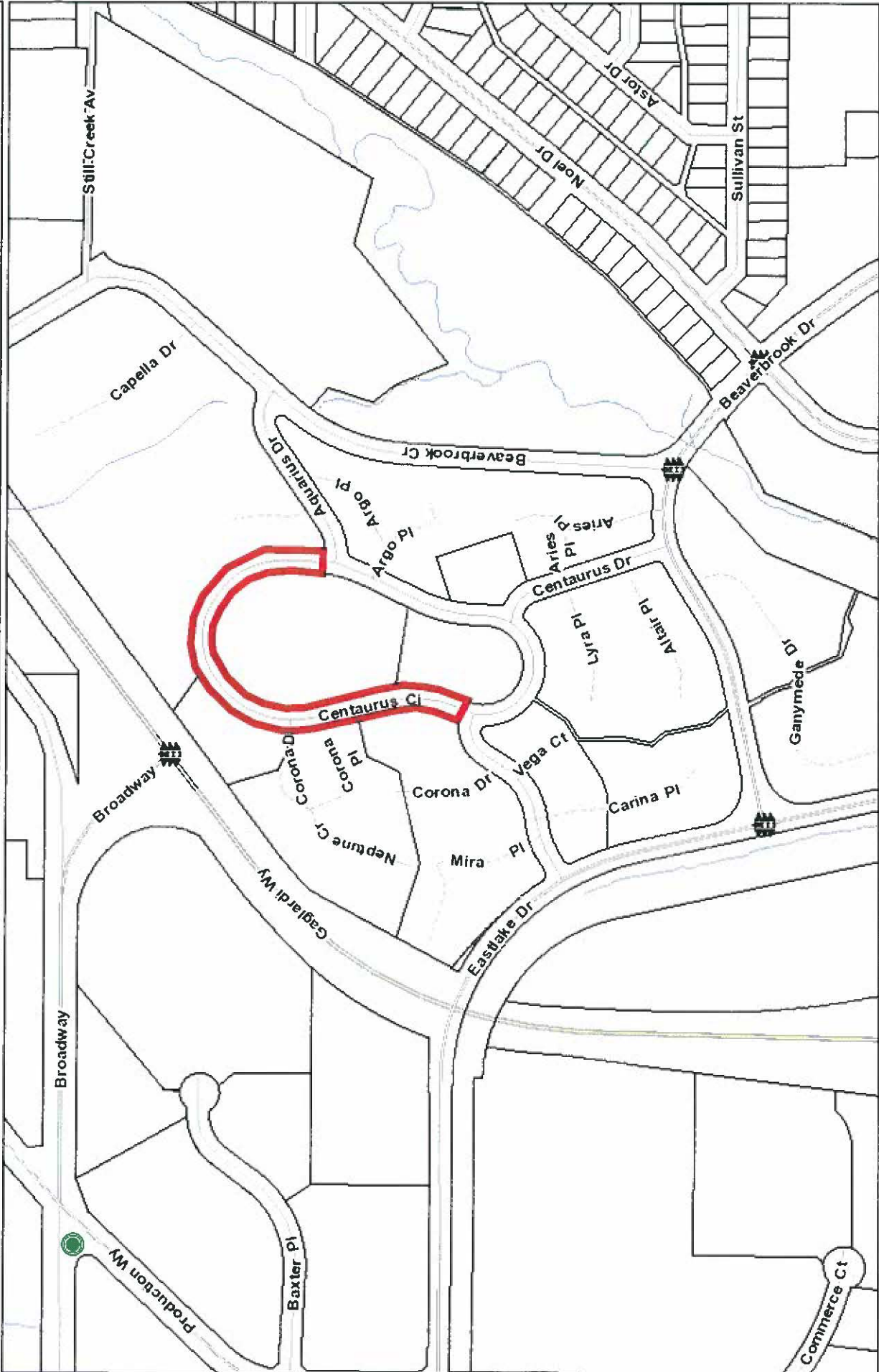
 Existing rear lane speed humps



Centaurus Circle

Attachment # 2

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Proposed location of 2018 LASP Speed Humps








MacDonald Ave

Attachment # 3

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-  Proposed Location of 2018 LASP Speed Hump
-  Existing speed humps
-  Existing rear lane speed bumps





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 Proposed Location of 2018 LASP Speed Humps

 Existing speed humps

 Existing rear lane speed humps

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Denbigh Ave & Randolph Ave

Attachment # 5

14.831



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Proposed locations for 2018 LASP Speed Humps

Existing speed humps
Existing rear lane speed bumps