

TO: CHAIR AND MEMBERS
TRAFFIC SAFETY COMMITTEE

DATE: 2021 January 14

FROM: DIRECTOR ENGINEERING

FILE: 34500 01

SUBJECT: 2021 LOCAL AREA SERVICE PROGRAM FOR SPEED HUMPS

PURPOSE: To review applications for the 2021 speed hump program and recommend streets that should proceed to the Local Area Service Program (LASP) process.

RECOMMENDATIONS:

1. **THAT** the Committee recommend Council advance the requested speed humps, as discussed and recommended in this report, to the 2021 LASP process.
2. **THAT** the Committee recommend Council send a copy of this report to the residents who requested speed humps as part of the 2021 LASP.

REPORT

INTRODUCTION

The Traffic Safety Committee annually reviews all requests for speed humps for inclusion in the Local Area Service Program (LASP). Over the course of 2020, City staff has responded to numerous inquiries from residents about the process for installing speed humps along their street. Of those, a total of 12 residents have expressed a desire this year to initiate the LASP process for installing speed humps

POLICY SECTION

Traffic Safety is aligned with the City of Burnaby's Corporate Strategic Plan by supporting the following goal and sub-goal of the Plan.

Goal

- A Safe Community
 - Transportation safety –
Make City streets, pathways, trails and sidewalks safer

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REVIEW OF REQUESTS

A review of the 12 applications for the 2021 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 normally eligible for speed hump installations.

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

Brief descriptions of the 2021 applications are provided below.

Burnaby Heights Neighbourhood (*Attachment #1-3*)

Requests for speed humps along the following five streets within the Burnaby Heights Neighbourhood area were received:

- 3800 block Dundas Street (Esmond Avenue – Ingleton Avenue)
- 3900 block Triumph Street (Ingleton Avenue – MacDonald Avenue)
- 4300 block Oxford Street (Madison Avenue – Rosser Avenue)
- 4200 block Pandora Street (Carleton Avenue – Madison Avenue)
- 4100 block McGill Street (Gilmore Avenue – Carleton Avenue)

All five requests are along local streets that are constructed to an 8.5 metres wide finished standard with concrete curb and gutter and are fronted by single family homes.

The installation of speed humps throughout the Burnaby Heights and surrounding areas will help address the ongoing traffic concerns of some residents in the neighbourhood.

McGill St is currently under construction for a joint Metro Vancouver water main replacement and City water main, sewer separation and road rehabilitation project with expected completion in 2021. If the petition is successful, the speed humps would be installed after completion of all road works. Triumph Street and McGill Street were unsuccessfully petitioned for speed humps in 2019, and are being requested for a re-petition in 2021.

It is recommended that the requested LASP speed humps proceed.

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100 Block Hythe Avenue North (Dundas Street – Cambridge Street) (Attachment #4)

Hythe Avenue between Dundas Street and Cambridge Street is fronted by single family homes and the road is constructed to an interim standard with 6.0 metres 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.

4700 Block Beta Avenue (Brentlawn Drive to Southlawn Drive) (Attachment #5)

Beta Avenue between Brentlawn Drive and Southlawn Drive is fronted by single family homes and constructed to an 8.5 metres wide finished standard with concrete curb and gutter.

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

7600 Kerrywood Crescent (7600 – 7700 Block) (Attachment #6)

Kerrywood Crescent between Kentwood Street and the bend at the east end of Kerrywood Crescent is fronted by single family homes and constructed to an 8.5 metres wide finished standard with concrete curb and gutter.

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

6900 Block Winch Street (Sperling Avenue – Cliff Avenue) (Attachment #7)

Winch Street between Sperling Avenue and Cliff Avenue is fronted by single family homes and constructed to an 8.5 metres wide finished standard with concrete curb and gutter.

It is recommended that the requested LASP speed humps proceed.

4900 Block Hardwick Street (Canada Way to Westminster Avenue) (Attachment #8)

Hardwick Street between Canada Way and Westminster Avenue is fronted by single family homes and the road is constructed to an interim standard with 6.0 metres wide pavement and gravel shoulders. Installation of humps on this street may require the

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installation of concrete bull noses at the ends of the humps to prevent vehicles from driving around them.

Hardwick Street is scheduled for street upgrades in the sidewalks expansion program for construction in 2022. If the petition is successful, the speed humps would be installed after completion of all road works.

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

3900 Block Georgia Street (Ingleton Avenue to Macdonald Avenue) (Attachment #9)

Georgia Street between between Ingleton Avenue and Macdonald Avenue is fronted by single family homes and constructed to an 8.5 metres wide finished standard with concrete curb and gutter.

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

8200 Block 14th Avenue (1st Street to Newcombe Street) (Attachment # 10)

14th Avenue between 1st Street and Newcombe Street is fronted by single family homes and constructed to an 8.5 metres wide finished standard with concrete curb and gutter.

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

RECOMMENDATIONS

Staff recommends the Committee recommend Council advance the requested speed humps, as discussed and recommended in this report, to the 2021 LASP process and that the Committee recommend Council send a copy of this report to the residents who requested speed humps as part of the 2021 LASP.



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

SNH/ac

Attachments

Copied to: City Manager
Director Finance
City Clerk
Fire Chief


Attachment #1


Speed Humps 2021 - Burnaby Heights Area #1


1:2,750



The information has been gathered and assembled on the City of Burnaby's computer systems. Data derived 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 speed humps

 Existing Speed Hump

 Existing Lane Bump





Attachment #2 **Speed Humps 2021 - Burnaby Heights Area #2**


1:4,124



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 Proposed location of speed humps

 Existing Speed Hump

 Existing Lane Bump





Attachment #3 **Speed Humps 2021 - Burnaby Heights Area #3**

1:2,000



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 Proposed location of speed humps

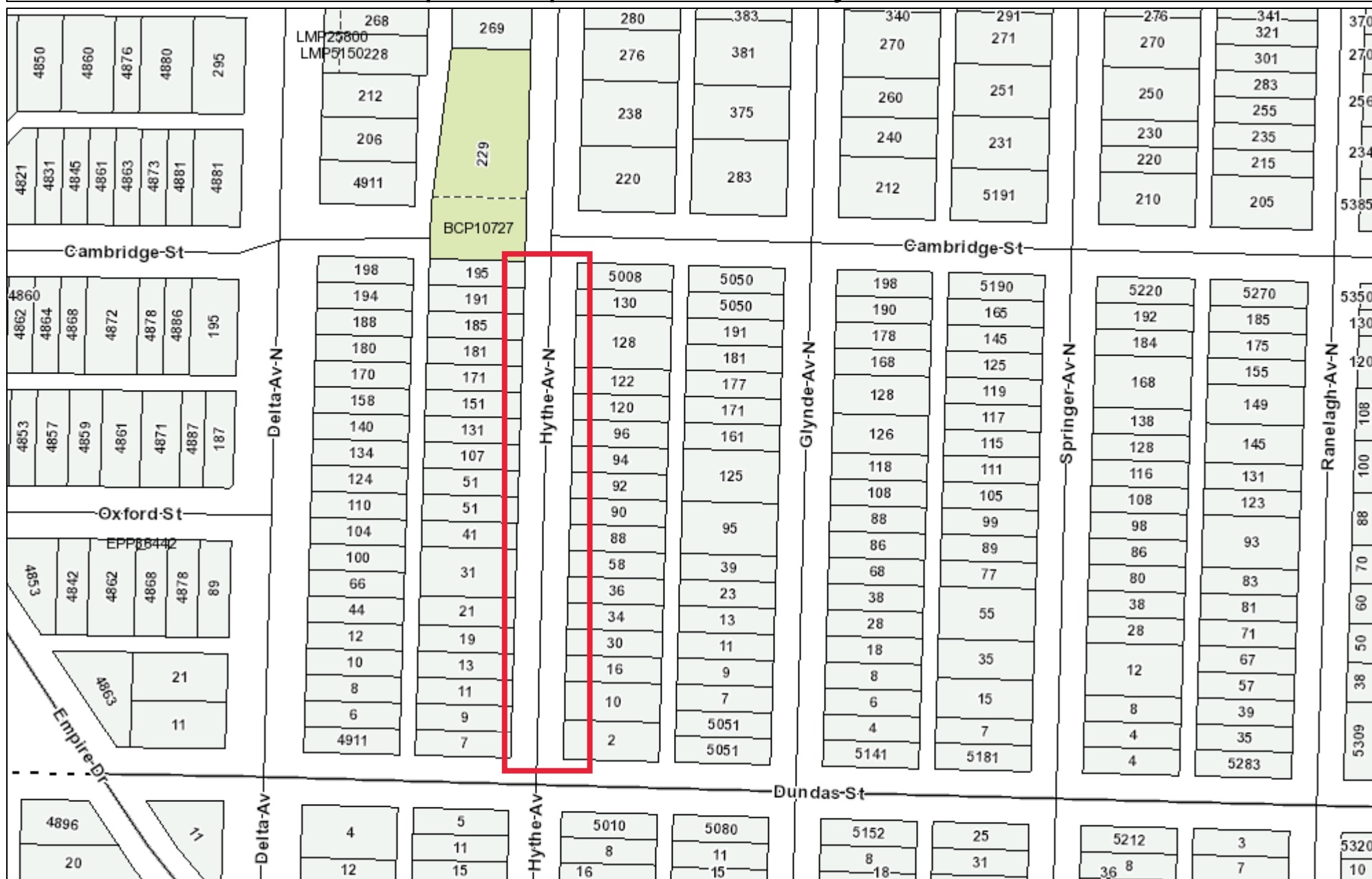
 Existing Speed Hump

 Existing Lane Bump



Attachment #4 Speed Humps 2021 - 0100 Block Hythe Ave N

1:2,000



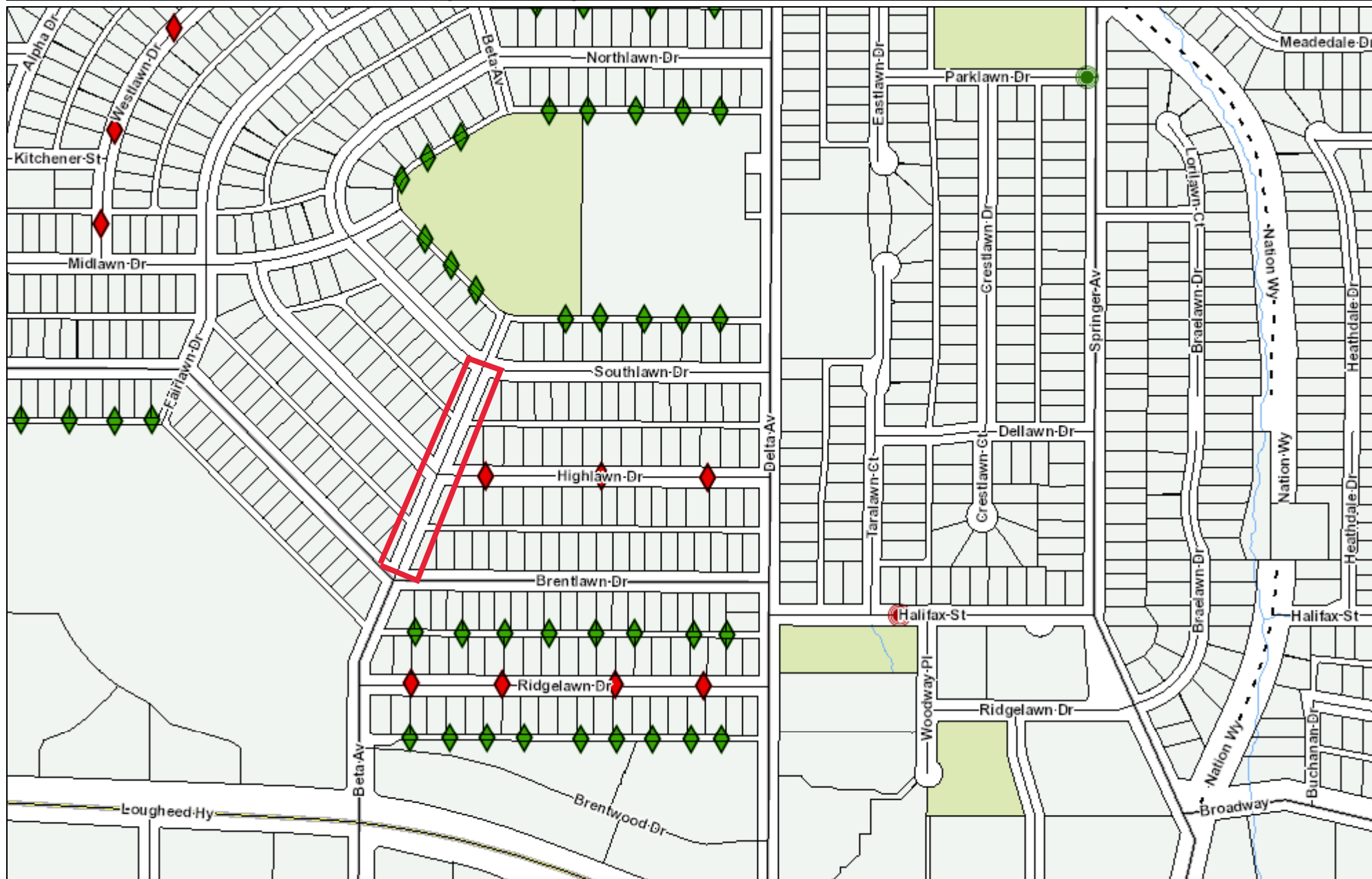
The information has been gathered and assembled on the City of Burnaby's computer systems. Data provided herein is derived from a number of sources with varying levels of accuracy. The City of Burnaby disclaims all responsibility for the accuracy or completeness of information contained herein.

Proposed location of speed humps




Attachment #5 Speed Humps 2021 - 4700 Block Beta Ave

1:5,000



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 Proposed location of speed humps




Attachment #6 Speed Humps 2021 - 7600 to 7700 Block Kerrywood Cr

1:2,000



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 Proposed location of speed humps



Attachment #7 **Speed Humps 2021 - 6900 Block Winch St**

1:3,000



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Proposed location of speed humps




Attachment #8 **Speed Humps 2021 - 4900 Block Hardwick St**

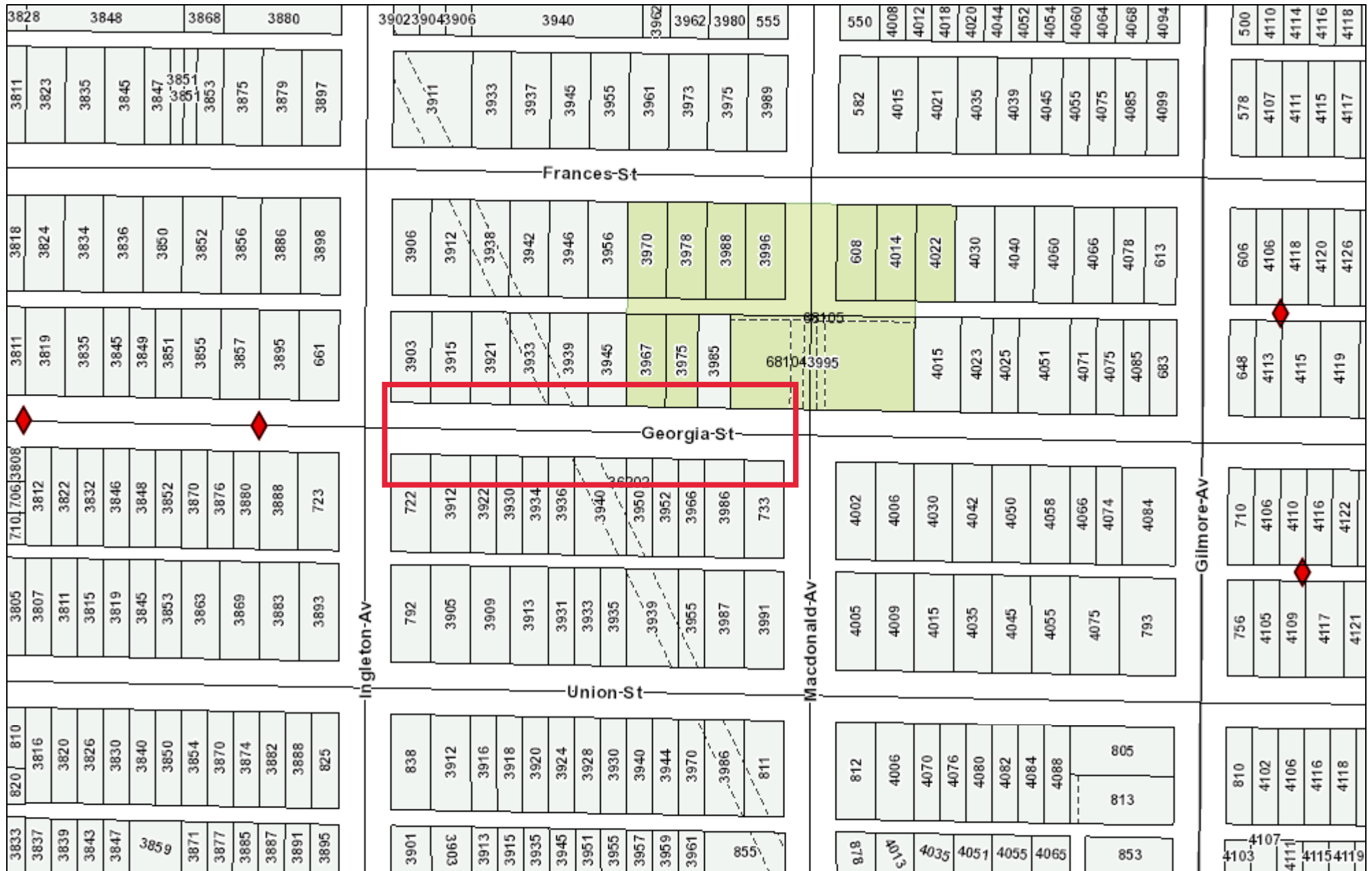
1:3,000



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 Proposed location of speed humps






Attachment #10 Speed Humps 2021 - 8200 Block 14th Ave

1:3,000



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 Proposed location of speed humps

