TRAFFIC SAFETY COMMITTEE

HIS WORSHIP, THE MAYOR
AND COUNCILLORS

SUBJECT: 2017 LOCAL AREA SERVICE PROGRAM FOR SPEED HUMPS

RECOMMENDATIONS:

1. THAT Council advance the requested speed humps, as discussed and recommended in this report, to the 2017 LASP process.

2. THAT Council send a copy of this report to the residents who requested speed humps as part of the 2017 LASP.

REPORT

The Traffic Safety Committee, at its meeting held on 2016 December 06, received and adopted the *attached* report reviewing applications for the 2017 speed hump program and recommending streets that should proceed to the Local Area Service Program (LASP) process.

Respectfully submitted,

Councillor P. McDonell
Chair

Councillor P. Calendino
Vice Chair

Councillor J. Wang
Member

Copied to: City Manager
Director Engineering

City of Burnaby

Meeting 2016 Dec 06

COMMITTEE REPORT

TO:	CHAIR AND MEMBERS TRAFFIC SAFETY COMMITTEE	**DATE:**	2016 November 29
FROM:	DIRECTOR ENGINEERING	**FILE:**	34500 01

SUBJECT: 2017 LOCAL AREA SERVICE PROGRAM FOR SPEED HUMPS

PURPOSE: To review applications for the 2017 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 2017 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 2017 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 2016, City staff has responded to numerous inquiries from residents about the process for installing speed humps along their street. Of those, a total of 11 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 11 applications for the 2017 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.

Brief descriptions of the 2016 applications are provided below.

Burnaby Heights Neighbourhood (*Attachment #1*)

Requests for speed humps along the 3 following streets within the Burnaby Heights Neighbourhood area were received:

3700 block Dundas St (Boundary Rd – Esmond Ave)
4100 block McGill St (Carleton Ave – Gilmore Ave)
4200 block Cambridge St (Carleton Ave – Madison Ave)

All 3 requests are along local streets that are constructed to an 8.5m 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.

It is recommended that the requested LASP speed humps proceed.

Brentwood Neighbourhood (*Attachment #2*)

Request for speed humps along the 3 following streets within the Brentwood Neighbourhood were received:

1900 – 2000 block Bellwood Ave (Anola Dr – Ridgelawn Dr)
4600 block Alpha Dr (Kitchener St – William St)
4700 – 4800 block Southlawn Dr (Beta Ave – Delta Ave)

Both Southlawn Dr and Alpha Dr are fronted by single family homes and are constructed to an 8.5m wide finished standard, while the 1900 - 2000 block of Bellwood Ave between Anola Dr and Ridgelawn Dr is fronted by Springer Park on the west side and multifamily dwellings on the east side on an 11m wide finished standard road.

As Anola Dr, a cul-de-sac, is accessed off of the 1900 and 2000 block of Bellwood Ave, further consultation of residents will be required if the process proceeds.

It is recommended that the requested LASP speed humps proceed, with the Bellwood Ave application subject to wider consultation.

Cascade Heights Neighbourhood (*Attachment #3*)

Request for speed humps along the two following streets within the Cascade Heights Neighbourhood were received:

3700 block Spruce St (Boundary Rd – Smith Ave)
3700 block Sunset St (Boundary Rd– Smith Ave)

Both Spruce St and Sunset St are fronted primarily by single family homes and are constructed to an 8.5m wide finished standard. The 3700 block of Sunset St is situated 1 block west of the Burnaby General Hospital while the 3700 block of Spruce St abuts Cascade Heights Elementary School. The close proximity to both the school and the hospital may have driven these applications.

It is recommended that the requested LASP speed humps proceed.

7900 Block 14th Avenue (4th St – 6th St) (*Attachment #4*)

The 7900 block of 14th Ave is fronted by single family homes and is constructed to an 8.5 m wide finished standard. This portion of 14th Ave is surrounded by other local streets with existing speed humps.

This section of 14th Ave was paved in the summer of 2016 and will be under warranty from the contractor until October 2017. If no issues arise under the warranty period and the petition is successful, the speed humps would need to be installed after the warranty expires.

Speed humps cannot be installed in late 2017 as the night time temperature reaches 10° Celsius or below and causes adhesive problems with the asphalt. This usually occurs between the end of September until approximately May. Therefore, the speed humps would be installed in the summer of 2018 with that year's program.

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

5300 – 5500 Block Eglinton St (Gatenby Ave – Gilmon Ave) (*Attachment #5*)

Eglinton St between Gatenby Ave and Gilmon Ave is fronted by single family homes on the north side and a mixture of single family homes, Gilpin Elementary School and Gilpin Park on the south side on an 11m wide finished standard road. This installation would help to reinforce the 30km/h school/park speed zone in front of Gilpin Elementary School and Gilpin Park.

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

6500 – 6700 Block Willingdon Ave (Imperial St – Willingdon Extension) (*Attachment #6*)

Willingdon Avenue between Imperial St and Willingdon Extension is fronted by multi-family dwelling units and is constructed to an 11 m wide finished standard. The road provides a short-cut route between two busy arterials bypassing the signalized intersection of Imperial St and Patterson Ave.

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

RECOMMENDATION

Staff recommend that all of the above requested LASPs for speed humps proceed, with the Bellwood Ave application subject to wider consultation.

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

SP/ac

Enclosures

Copied to: City Manager

Burnaby Heights Neighbourhood

November 16, 2016

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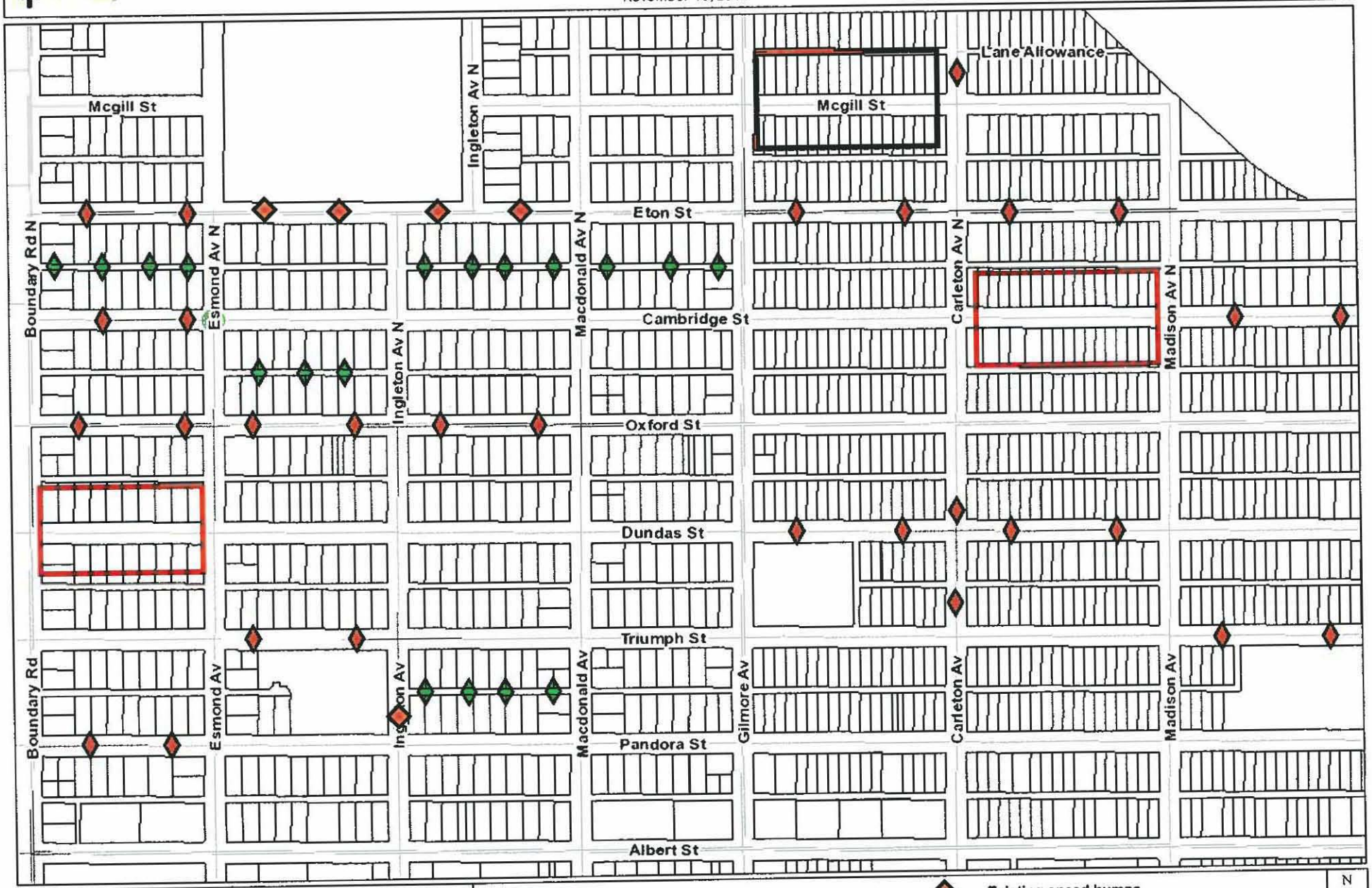

The information has been gathered and assembled on the City of Burnaby's computer systems. Data provided herein is derived from a a number of sources with varying levels of accuracy. The City of Burnaby disclaims all responsibility for the accuracy or completeness of information contained herein.

Proposed location of 2017 LASP Speed Humps

Existing speed humps

Existing rear lane speed bumps

N

Attachment #1

Brentwood Neighbourhood

November 16, 2016

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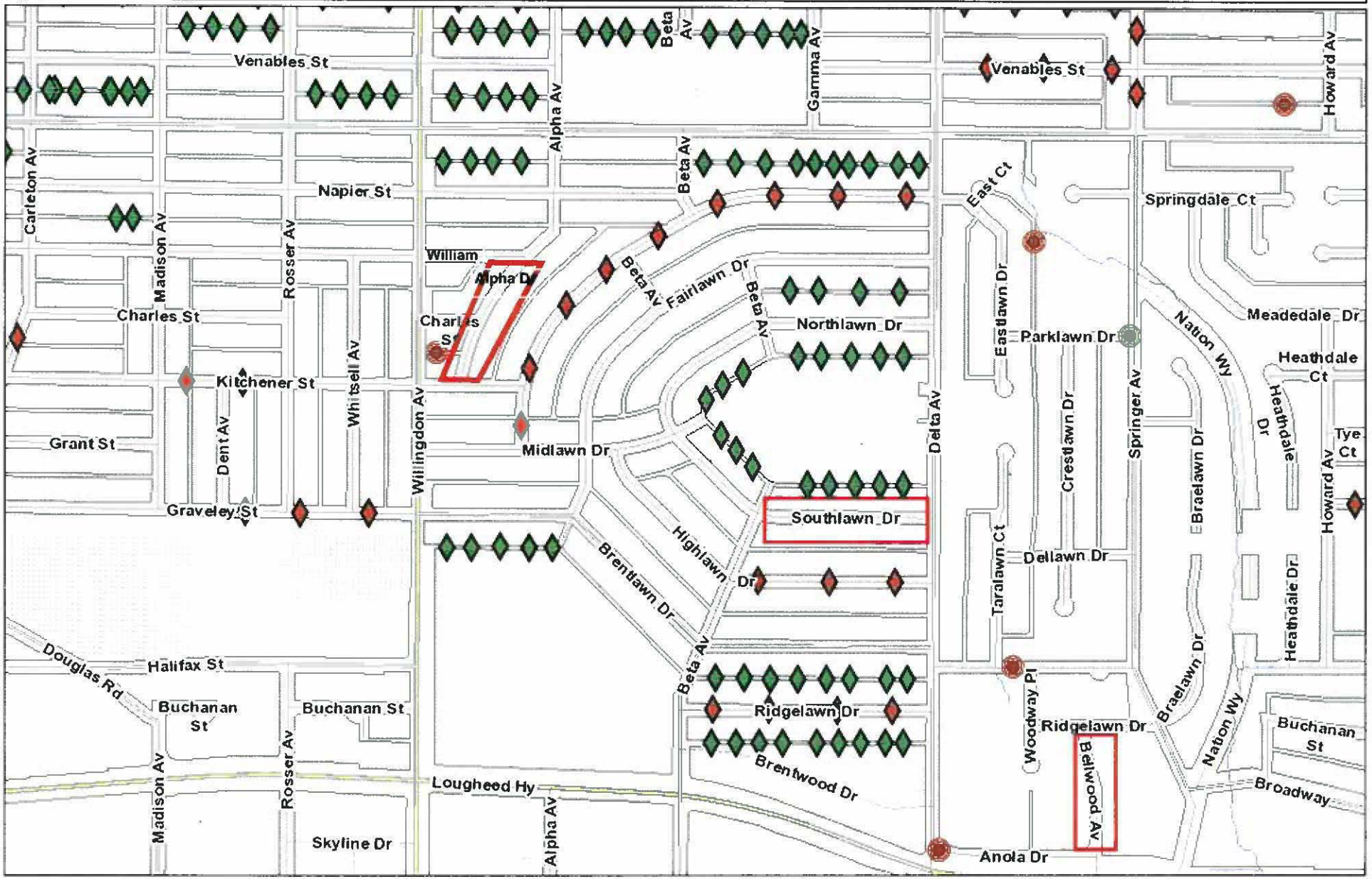

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Proposed locations of 2017 LASP Speed Humps

Existing speed humps

Existing rear lane speed bumps

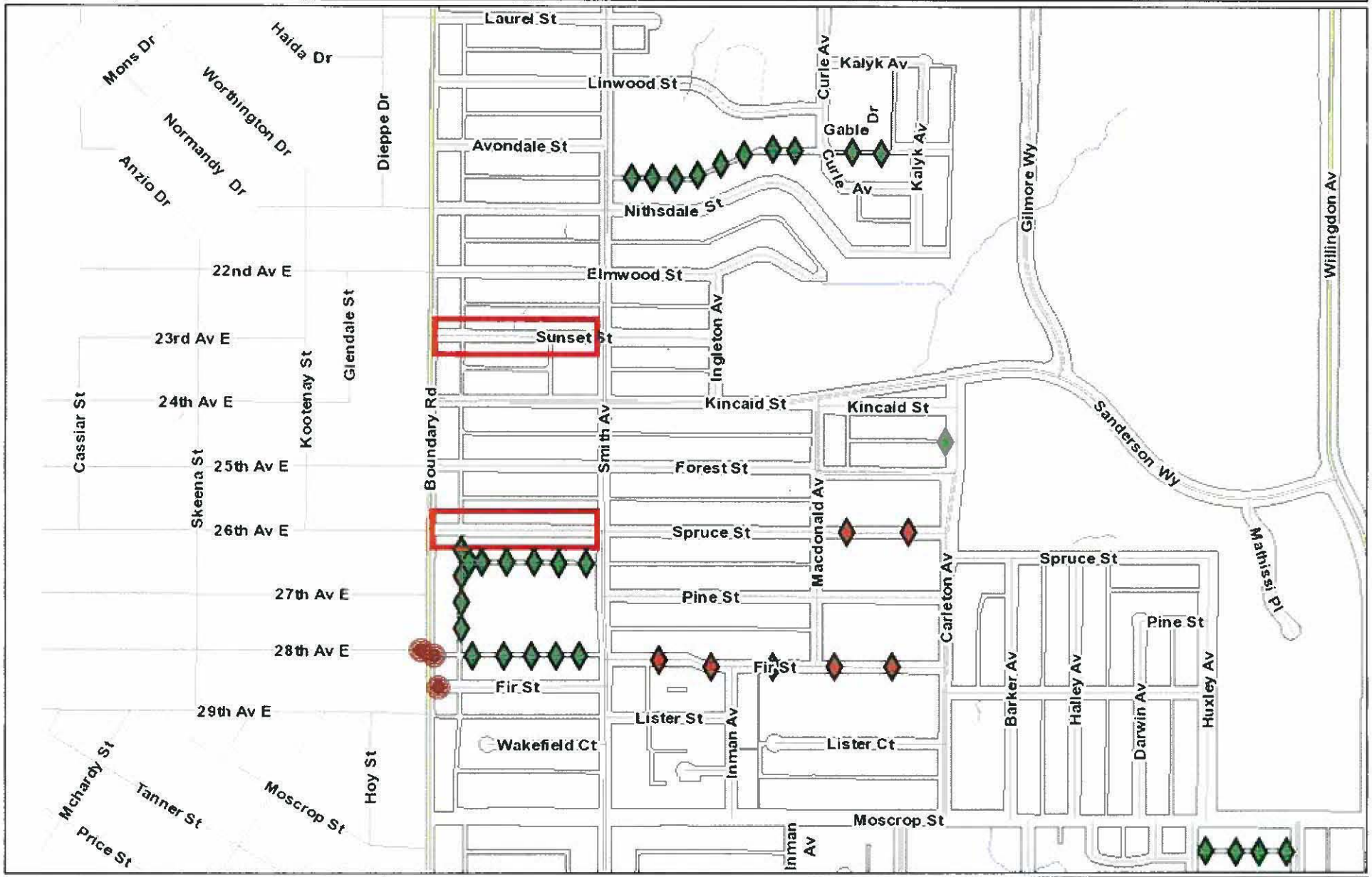
N

Attachment #2

Cascade Heights Neighbourhood

November 16, 2016

1:8,052



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Proposed locations of 2017 LASP Speed Humps

Existing speed humps

Existing rear lane speed bumps

N

Attachment #

14th Ave (4th St - 6th St)

November 16, 2016

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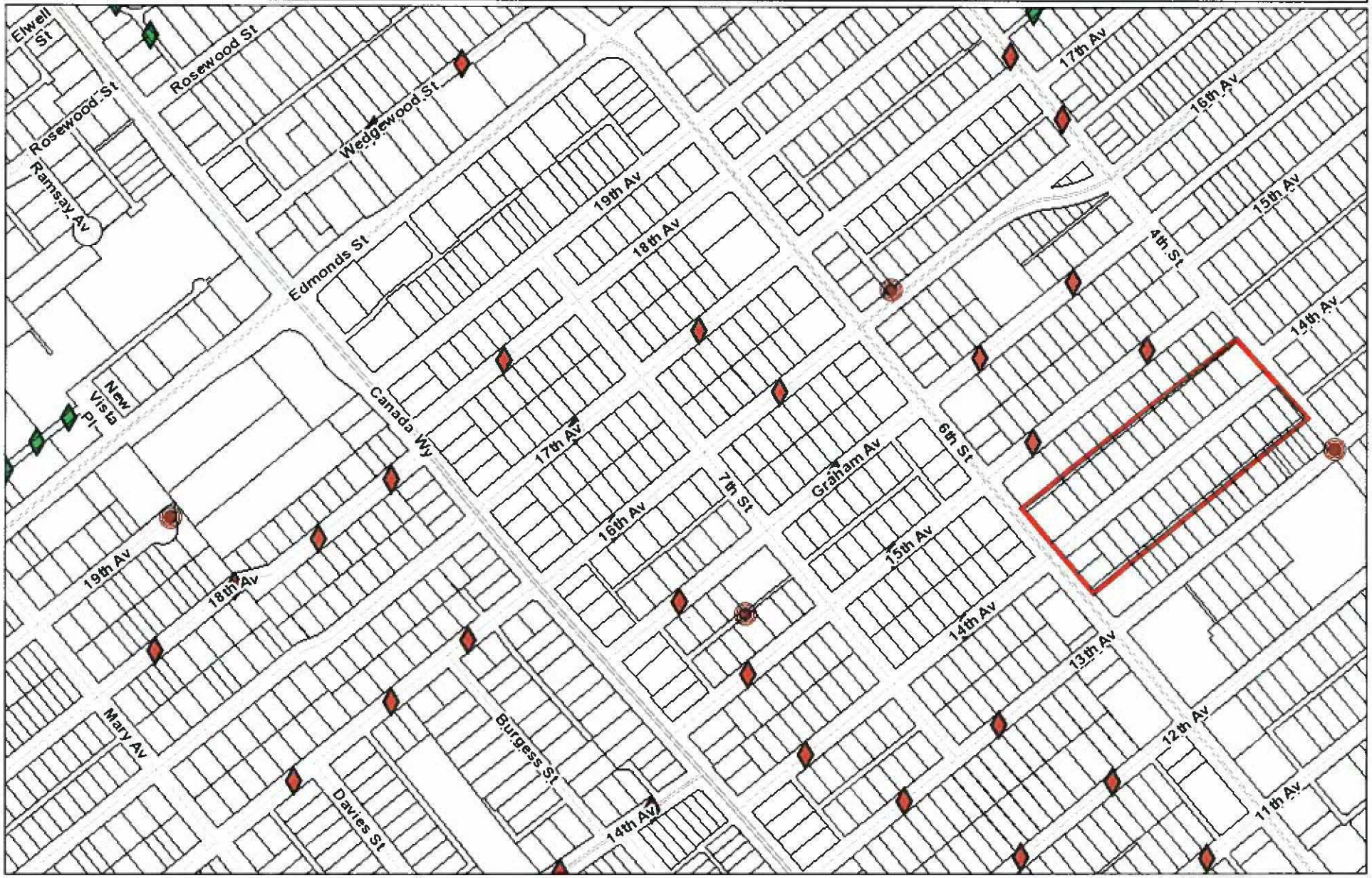

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Proposed location of 2017 LASP Speed Humps

Existing speed humps

Existing rear lane speed bumps

N

Attachment #4

Eglinton (Gatenby-Gilmon)

November 16, 2016

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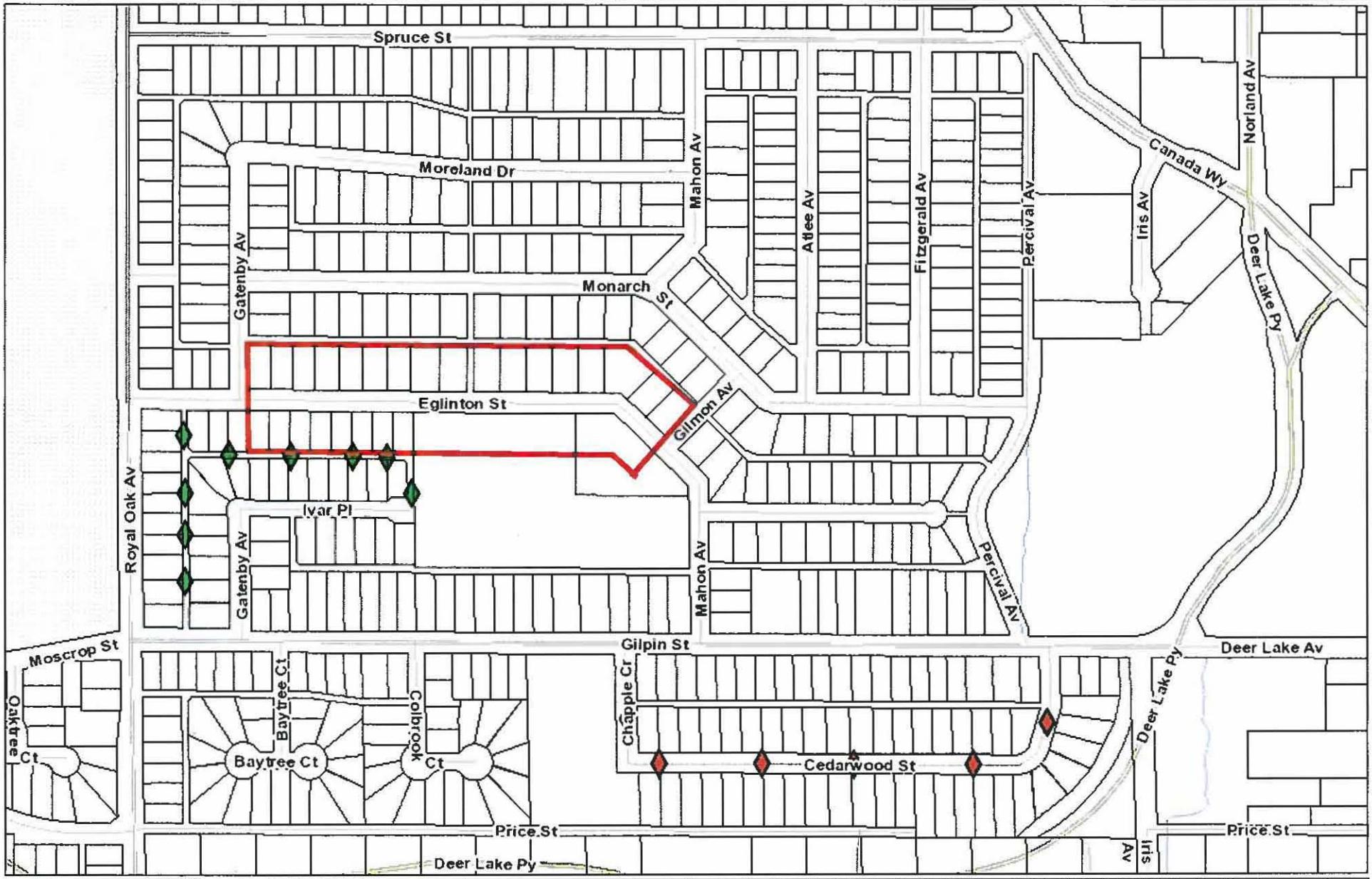

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Proposed location of 2017 LASP Speed Humps

Existing speed humps

Existing rear lane speed bumps

N

Attachment #5

Willingdon (Imperial-Willingdon Ext.)

November 16, 2016

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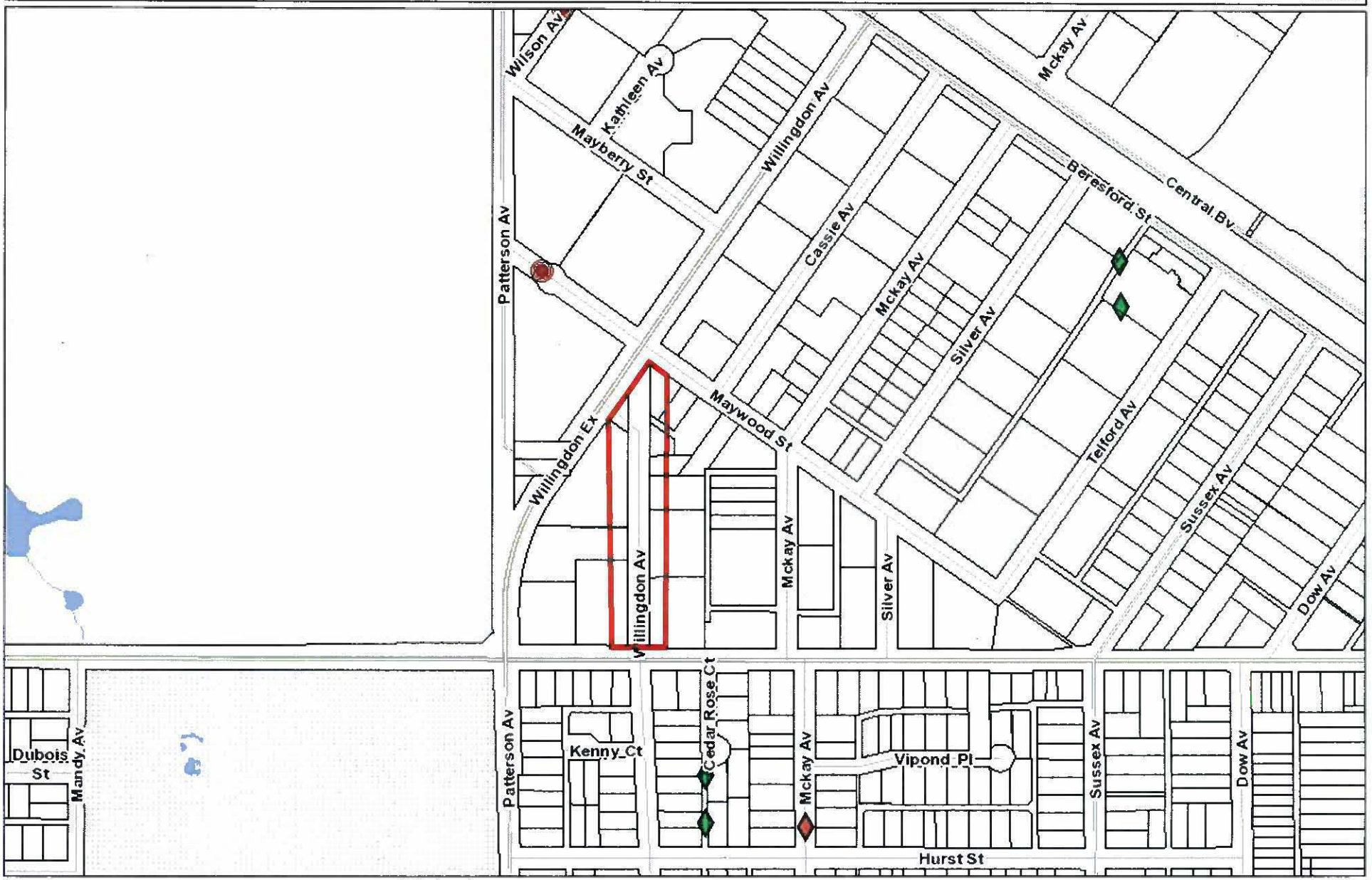

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Proposed location of 2017 LASP Speed Humps

Existing speed humps

Existing rear lane speed bumps

N

Attachment #6