

NO: R003

COUNCIL DATE: January 11, 2016

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## REGULAR COUNCIL

TO: **Mayor & Council**

DATE: **December 8, 2015**

FROM: **General Manager, Engineering**

FILE: **3900-20 (8830)**

SUBJECT: **Amendments to Subdivision and Development By-law No. 8830 - Surrey Road Classification Map (R-91) and Surrey Major Road Allowance Map**

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## RECOMMENDATION

The Engineering Department recommends that Council:

1. Approve amendments to Schedule 'D', "Surrey Road Classification Map (R-91)", and Schedule 'K', "Surrey Major Road Allowance Map", in the *Surrey Subdivision and Development By-law, 1986, No. 8830* all as documented in Appendix "I" to this report; and
2. Authorize the City Clerk to bring forward the necessary amendment Bylaw for the required readings.

## INTENT

The purpose of this report is to obtain approval for amendments to Schedule 'D', "Surrey Road Classification Map (R-91)", and Schedule 'K', "Surrey Major Road Allowance Map", of the *Surrey Subdivision and Development By-law, 1986, No. 8830* (the "Bylaw") in support of on-going planned and orderly development of the City.

## BACKGROUND

The proposed Surrey Road Classification Map (R-91), attached as Appendix "II" to this report, is the key document upon which the planning, operation, and management of the City's road network is based. It acts as the base for establishing new road alignments, road widths, and road cross-sections, and provides important information to prospective land development applicants in the context of establishing the business plans for new developments. It also assists City staff in the review of development applications and in managing the road network, including such things as determining transit routes, snowploughing priorities, traffic signal locations, access management, and the installation of traffic calming features.

The proposed Surrey Major Road Allowance Map, attached as Appendix "III" to this report, documents the road allowance width requirements for every major road within the City's transportation network to ensure that the servicing needs for the continued growth of the City can be accommodated. It also provides information to prospective land developers regarding the impacts of road dedications on land development proposals and reflects specific dedication requirements determined through major long-term transportation and planning studies, including rapid transit requirements.

The updates proposed in this report will ensure that the Bylaw reflects City growth projections and the augmentations to the City's transportation infrastructure that will be necessary to support such growth.

## **DISCUSSION**

Although both maps were last amended in 2013, there is always a need to review and update these maps due to the rapid growth and change in the City. The updates to the Surrey Road Classification Map (R-91), as recommended in this report, are mostly of a housekeeping nature including minor road alignment changes based on conceptual designs, identifying newly constructed roads as "existing" rather than "future", and adding updates within West Clayton that were approved by Council as part of the West Clayton Neighbourhood Concept Plan approval on July 27, 2015. Lastly, there are a small number of minor classification adjustments that reflect local context.

Many of the updates to the proposed Surrey Major Road Allowance Map are to align with the above-mentioned changes to the Road Classification Map. In addition, the Road Allowance Map identifies a number of roads with offset centrelines, which have been determined through the development of conceptual designs or to accommodate adjacent features such as railways or provincial highways. The amendments include a small number of locations where the reduction of the road allowance width is proposed in order to respond to the local context.

### **Transportation & Infrastructure Committee**

At the December 7, 2015 Transportation & Infrastructure Committee meeting, the Committee adopted a resolution endorsing staff to bring forward the amendments to Council through a Corporate Report.

### **Legal Review**

The Bylaw amendments have been reviewed by the Legal Services Division and they have no concerns.

## **SUSTAINABILITY CONSIDERATIONS**

The amendments to the Surrey Road Classification Map (R-91) and Surrey Major Road Allowance Map proposed in this report will assist in achieving the objectives of the City's Sustainability Charter. The roads, as identified on the subject maps, support economic growth by ensuring that sufficient land is protected for future infrastructure needs for all transportation modes including transit, goods movement, walking, cycling, and private vehicle use. More particularly, the application of the information on the subject maps supports the following scope action items in the Charter:

- SC13: Create a fully accessible City;
- EC2: Economic Development and Employment;
- EC4: Sustainable Fiscal Management Practices; and
- EC16: Increased Transit and Transportation to Support a Sustainable Economy.

## CONCLUSION

Based on the above discussion, it is recommended that Council:

- Approve amendments to Schedule 'D', "Surrey Road Classification Map (R-91)", and Schedule 'K', "Surrey Major Road Allowance Map", in the *Surrey Subdivision and Development By-law, 1986, No. 8830* all as documented in Appendix "I" to this report; and
- Authorize the City Clerk to bring forward the necessary amendment Bylaw for the required readings.

Fraser Smith, P.Eng., MBA  
General Manager, Engineering

PB/KT/clr

Appendix "I" - Proposed Amendments to *Surrey Subdivision and Development By-law, 1986, No. 8830*  
Appendix "II" - Proposed Surrey Road Classification Map (R-91)  
Appendix "III" - Proposed Surrey Major Road Allowance Map

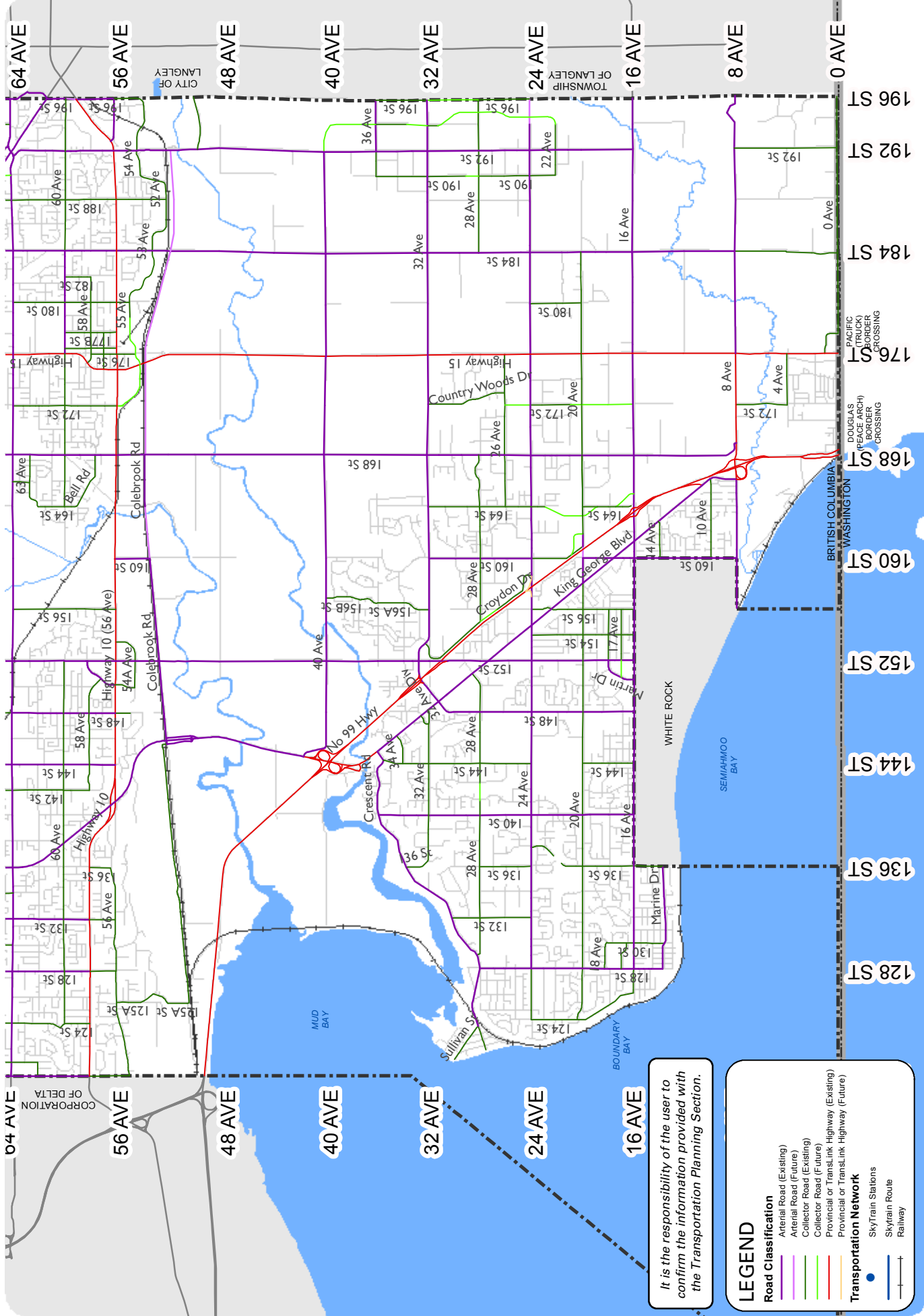
**Proposed Amendments to the  
Surrey Subdivision and Development By-law, 1986,  
No. 8830, as amended (the “Bylaw”)**

The Bylaw be further amended as follows:

1. Replace Schedule ‘D’ in its entirety with a new Schedule ‘D’, the Surrey Road Classification Map (R-91), which is attached as Appendix “II”; and
2. Replace Schedule ‘K’ in its entirety with a new Schedule ‘K’, the Surrey Major Road Allowance Map, which is attached as Appendix “III”.



APPENDIX 'II'



It is the responsibility of the user to confirm the information provided with the Transportation Planning Section.

**LEGEND**

**Road Classification**

- Arterial Road (Existing)
- Arterial Road (Future)
- Collector Road (Existing)
- Collector Road (Future)
- Provincial or TransLink Highway (Existing)
- Provincial or TransLink Highway (Future)

**Transportation Network**

- SkyTrain Stations
- SkyTrain Route
- Railway

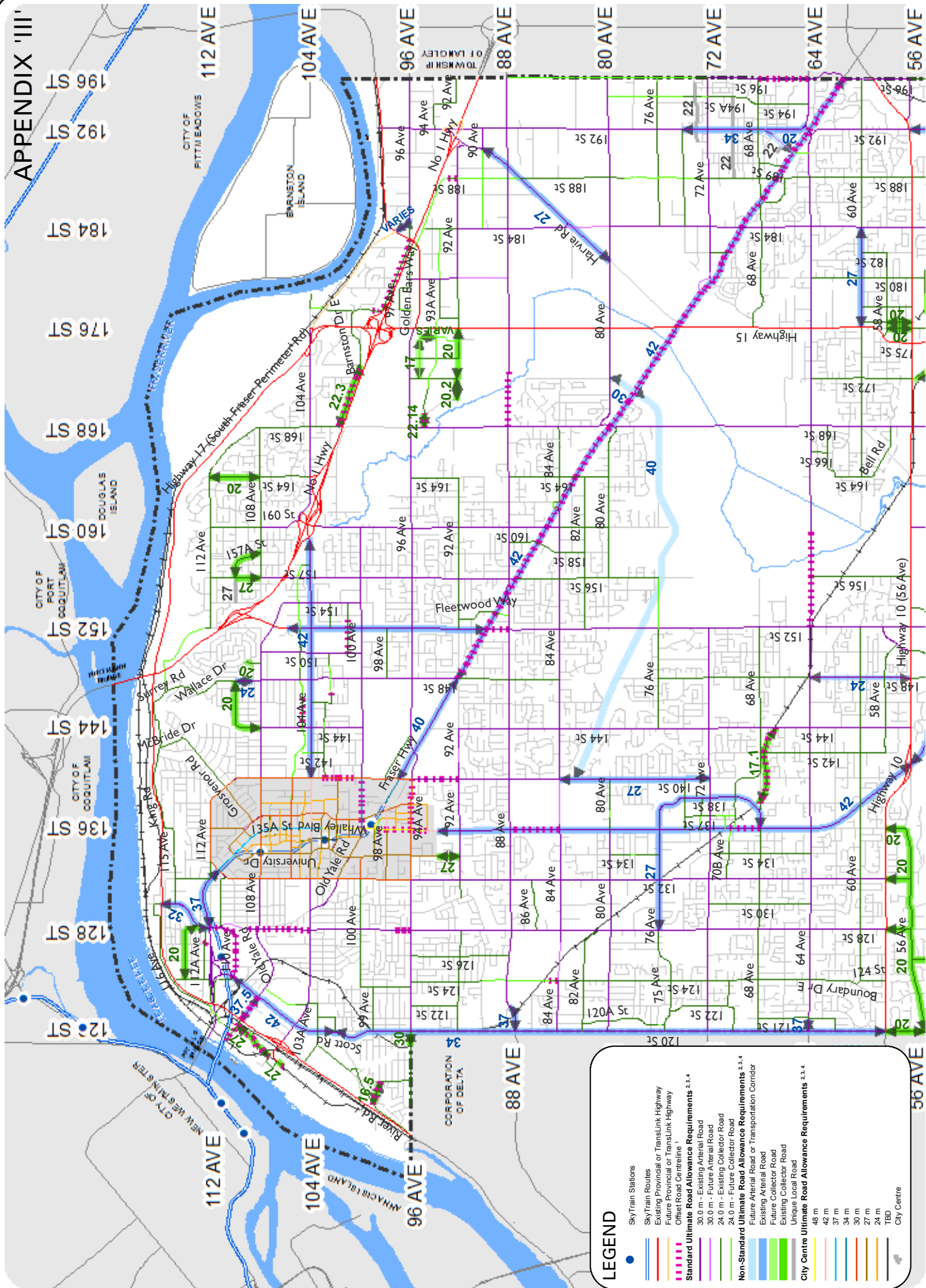
SURREY ROAD CLASSIFICATION MAP (R-91)

SCALE: 1:80,000  
0 0.5 1 2 3 KM



GIS SECTION  
ENGINEERING

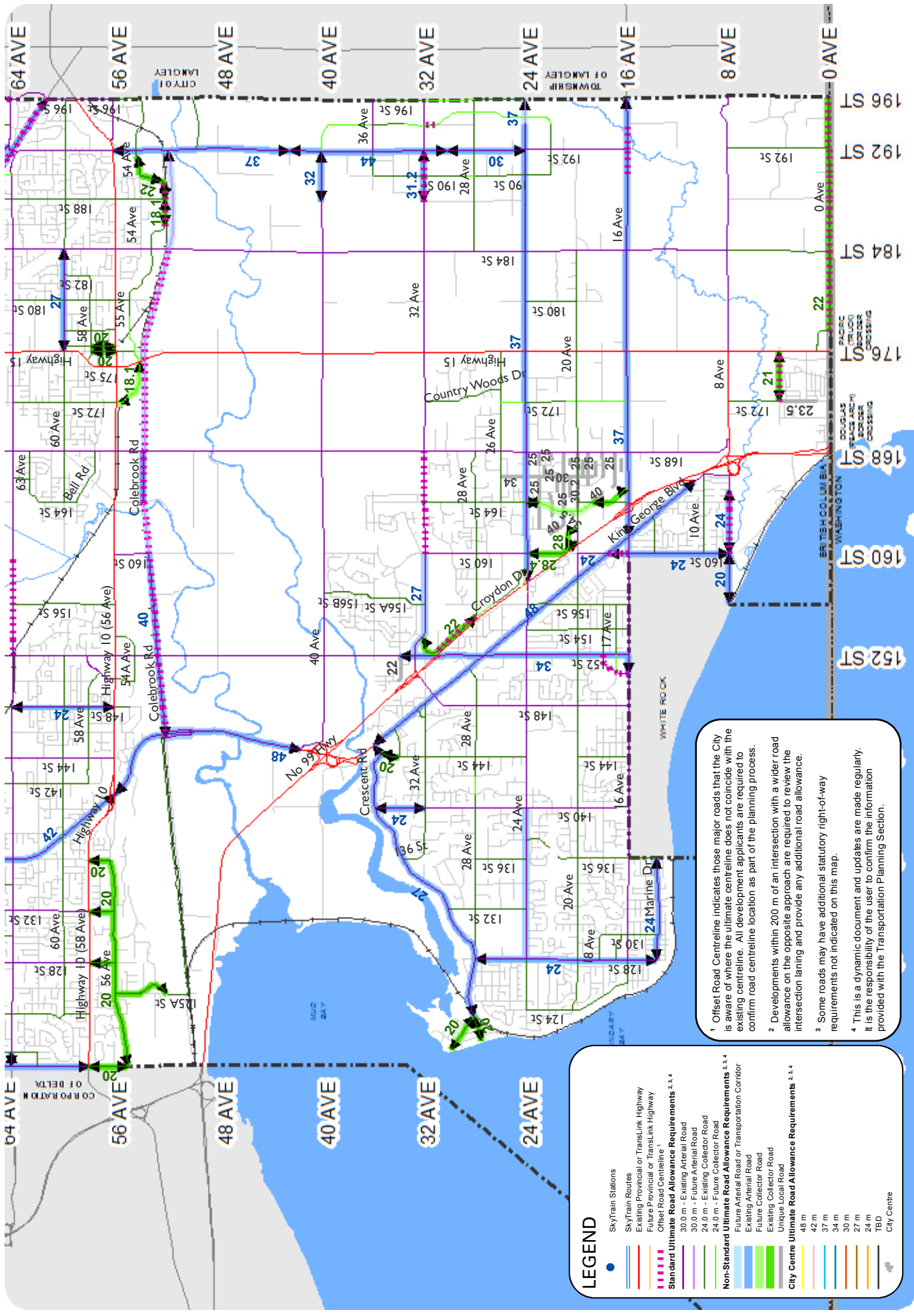




**LEGEND**

- SkyTrain Stations
- SkyTrain Routes
- Existing Provincial or TransLink Highway
- Future Provincial or TransLink Highway
- Offset Road Centreline<sup>1</sup>
- Standard Ultimate Road Allowance Requirements<sup>2,3,4</sup>
  - 30.0 m - Existing Arterial Road
  - 30.0 m - Future Arterial Road
  - 24.0 m - Existing Collector Road
  - 24.0 m - Future Collector Road
- Non-Standard Ultimate Road Allowance Requirements<sup>2,3,4</sup>
  - Future Arterial Road or Transportation Corridor
  - Existing Arterial Road
  - Future Collector Road
  - Existing Collector Road
  - Unique Local Road
- City Centre Ultimate Road Allowance Requirements<sup>2,3,4</sup>
  - 48 m
  - 42 m
  - 37 m
  - 34 m
  - 30 m
  - 27 m
  - 24 m
  - TBD
  - City Centre

# APPENDIX 'III'



### LEGEND

- SkyTrain Stations
- SkyTrain Routes
- Existing Provincial or TransLink Highway
- Future Provincial or TransLink Highway
- Offset Road Centreline
- Standard Ultimate Road Allowance Requirements 2.1.4
- 30.0 m - Existing Arterial Road
- 30.0 m - Future Arterial Road
- 24.0 m - Existing Collector Road
- 24.0 m - Future Collector Road
- Non-Standard Ultimate Road Allowance Requirements 2.1.4
- Future Arterial Road or Transportation Corridor
- Existing Arterial Road
- Future Collector Road
- Existing Collector Road
- Unique Local Road
- City Centre Ultimate Road Allowance Requirements 2.1.4
- 48 m
- 42 m
- 37 m
- 34 m
- 30 m
- 27 m
- 24 m
- TBD
- City Centre

1 Offset Road Centreline indicates those major roads that the City is aware of where the ultimate centreline does not coincide with the existing centreline. All development applicants are required to confirm road centreline location as part of the planning process.

2 Developments within 200 m of an intersection with a wider road allowance on the opposite approach are required to review the intersection laning and provide any additional road allowance.

3 Some roads may have additional statutory right-of-way requirements not indicated on this map.

4 This is a dynamic document and updates are made regularly. It is the responsibility of the user to confirm the information provided with the Transportation Planning Section.

## SURREY MAJOR ROAD ALLOWANCE MAP