

NO: R178

COUNCIL DATE: October 30, 2023

REGULAR COUNCIL

TO: **Mayor & Council** DATE: **October 25, 2023**

FROM: **General Manager, Engineering** FILE: **8630-30**

SUBJECT: **Extension of 88 Avenue between 120 Street and Nordel Way Truck Route Designation**

RECOMMENDATION

The Engineering Department recommends that Council:

1. Receive this report for information;
2. Approve the proposed amendments to Schedule C of the *Highway, Traffic & Parking Regulation By-law, 1997, No. 13007, as amended*, as summarized in Appendix “I” of this report;
3. Authorize the City Clerk to bring forward the proposed amendments to the *Highway, Traffic & Parking Regulation By-law, 1997, No. 13007, as amended*, for the required reading.

INTENT

The purpose of this report is to obtain Council approval to adopt the proposed amendments to the *Highway, Traffic & Parking Regulation By-law, 1997, No. 13007, as amended*, to re-designate 88 Avenue a truck route between 120 Street and Nordel Way.

BACKGROUND

As part of TransLink’s R6 Scott Road RapidBus project (the “R6 Project”), there will be roadway infrastructure changes along the 120 Street corridor that impact traffic operations. Specifically, the southbound left-turn lane at Nordel Way is being shortened. Promoting the use of 88 Avenue for southbound traffic on 120 Street turning east onto 88 Avenue, in particular for truck traffic, is expected to provide redundancy to the network and improve traffic flow through the road network.

DISCUSSION

To improve traffic circulation in the vicinity of Scott Road and Nordel Way, a new traffic signal is being constructed at the intersection of 88 Avenue and Nordel Way, as part of Contract No. 1722-004-11 (completion by January 2024). This new traffic signal and the segment of 88 Avenue between 120 Street to Nordel Way can be used as a convenient and more direct connection for vehicles approaching from the north and destined east along 88 Avenue, as they will be able to bypass the congested intersection of Nordel Way and Scott Road, as shown in the attached Appendix “II”.

A considerable share of the traffic along both 120 Street and Nordel Way is classified as heavy truck vehicles. These vehicles tend to be significantly longer in size and slower in speed than general purpose traffic; therefore, allowing trucks to access this segment of 88 Avenue would provide significant benefit to the traffic operation at 120 Street and Nordel Way.

To accommodate and promote this secondary route, the segment of 88 Avenue between 120 Street and Nordel Way must be re-designated as a truck route. This segment previously was classified as an arterial road and a truck route prior to the completion of Nordel Way in the early 2000's. Since then, Nordel Way has been the designated truck route. TransLink approval is not required to proceed with the addition of this truck route, as their approval is required for modifications to and removals of existing truck routes, not additions.

Public information letters will be sent to affected property owners along 88 Avenue between 120 Street and Nordel Way to inform them of the re-designation of this segment as a truck route.

CONCLUSION

The proposed amendment to the truck route extents of 88 Avenue will support safer and more efficient movement of people and goods in Surrey.

Scott Neuman, P.Eng.
General Manager, Engineering

RV/AR/cc

Appendix "I" - Proposed Amendments to Schedule C of the *Highway, Traffic & Parking Regulation By-law, 1997, No. 13007, as amended*

Appendix "II" - Image of 88 Avenue between 120 Street and Nordel Way

APPENDIX "I"

Proposed Amendment to Schedule C of the *Surrey Highway, Traffic & Parking Regulation By-law, 1997, No. 13007*

The following amendment is proposed to Schedule C of the *Surrey Highway, Traffic & Parking Regulation By-law, 1997, No. 13007*:

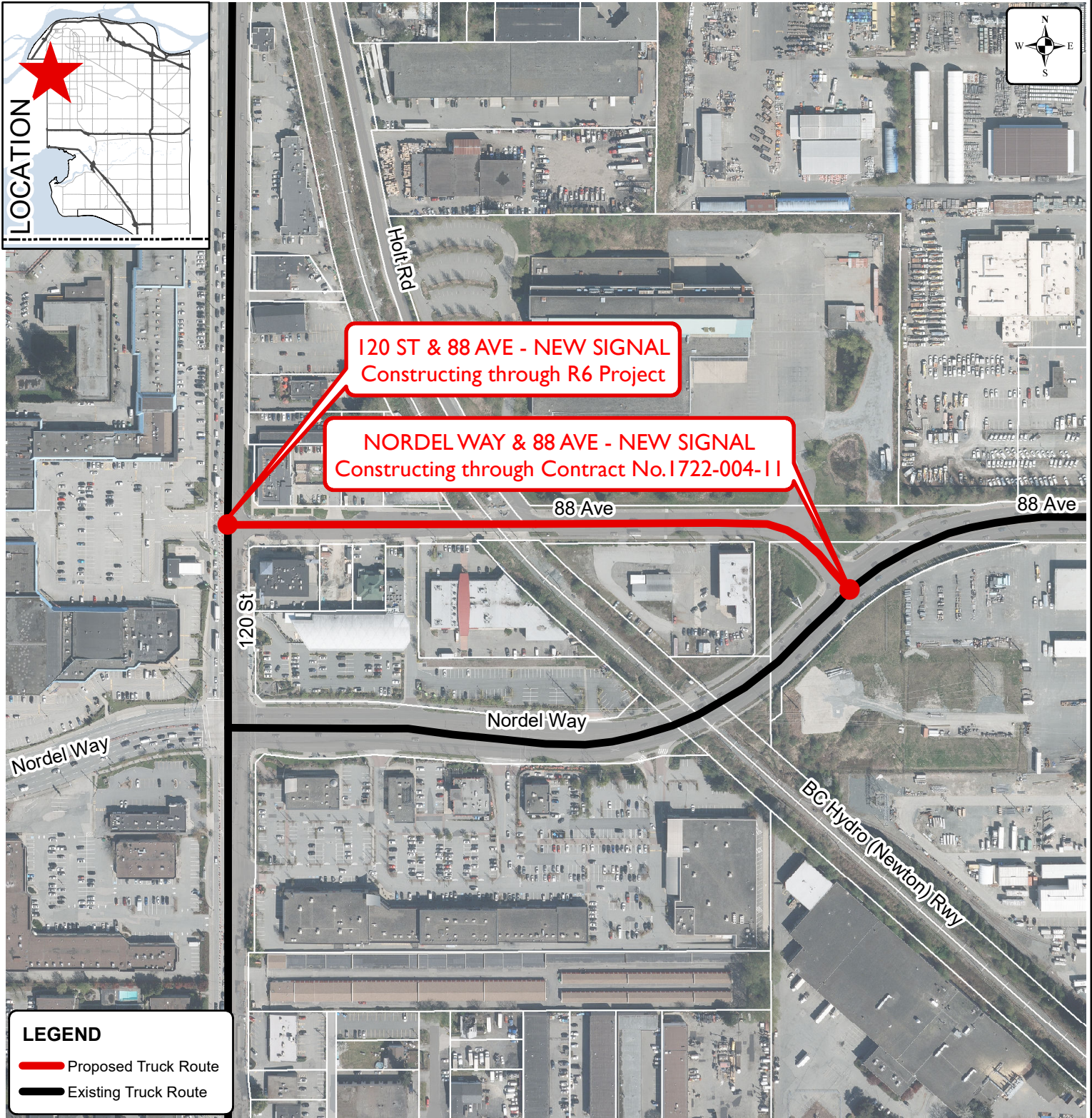
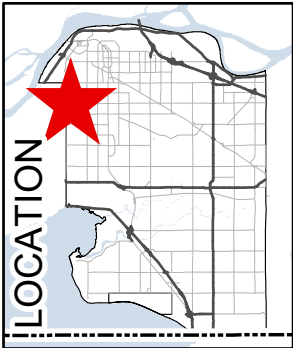
SCHEDULE C TRUCK ROUTES

As amended by By-law Nos: 13605, 12/14/98; 13832, 10/04/99; 13938, 02/14/00;
14144, 11/06/00; 16853, 01/19/09; 16940, 05/25/09

Each of the following portions of a highway or series of connected highways is hereby designated as a "Truck Route":

- 8 Avenue between 160 Street and Highway #15
- 16 Avenue between 128 Street and 196 Street
- 32 Avenue between 152 Street and 176 Street (after December 31, 2001)
- 32 Avenue between 176 Street and 196 Street
- 32 Avenue Diversion between the King George Highway and 152 Street
- 64 Avenue between King George Highway and 152 Street
- 72 Avenue between Scott Road and 152 Street
- 80 Avenue between Scott Road and the King George Highway
- 88 Avenue between ~~Nordel Way~~ 120 Street and Highway #15
- 96 Avenue between Scott Road and 160 Street, and between 184 Street and 196 Street
- 96 Avenue between 160 Street and 176 Street
- 104 Avenue between the King George Highway and 160 Street
- 108 Avenue between the King George Highway and Ferguson Diversion (restricted to vehicles less than 3.2 metres in width, inclusive of load)
- 116 Avenue between 126A Street and King Road
- 116A Avenue between King Road and Surrey Road
- 120 Street (Scott Road) between Highway #10 and the King George Highway
- 128 Street between 72 Avenue and 88 Avenue
- 132 Street between 72 Avenue and 88 Avenue
- 132 Street between 88 Avenue and the King George Highway (restricted to the hours of 0700 - 1800 {7:00 a.m. - 6:00 p.m.} daily)
- 140 Street between 96 Avenue and 108 Avenue

AERIAL PHOTOGRAPH OF SITE



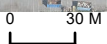
LEGEND

- Proposed Truck Route
- Existing Truck Route

Produced by GIS Section: 24-Oct-2023

Date of Aerial Photograph: April 2023

Scale: 1:3,500



**88 Avenue between
120 Street and Nordel Way**

**ENGINEERING
DEPARTMENT**

The data provided is compiled from various sources and IS NOT warranted as to its accuracy or sufficiency by the City of Surrey.
This information is provided for information and convenience purposes only.
Lot sizes, Legal descriptions and encumbrances must be confirmed at the Land Title Office.

Source:

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