

REPORT
Regular Council Meeting
1991 November 12

THE CORPORATION OF THE DISTRICT OF BURNABY

TRAFFIC AND TRANSPORTATION COMMITTEE
(TRAFFIC SAFETY DIVISION)

HIS WORSHIP, THE MAYOR
AND ALDERMEN

A. 16TH AVENUE AND CASCADE STREET

RECOMMENDATIONS:

1. THAT Council recommend the installation of a pedestrian activated traffic signal on 16th Avenue at Cascade Street.
2. THAT the following be sent a copy of this report:
 - a) Mohsen Gad, #161 - 7420 Mulberry Place, Burnaby, B.C., V3N 4X3;
 - b) Frank Deschner, Burnaby Loughheed Lions Club, 6081 Charles Street, Burnaby, B.C., V5B 2G7;
 - c) Ed Collins, Principal, Armstrong School, 8757 Armstrong Avenue, Burnaby, B.C., V3N 2H8; and
 - d) Kathleen Sheridan, #17 - 3155 Seymour Street, Port Coquitlam, B.C., V3C 3H5.
3. THAT staff consult with the Lions caretaker and residents of the Lions housing complex regarding interim measures that may be taken to reduce the risk to children crossing 16th Avenue en route to Armstrong School prior to the installation of a pedestrian actuated traffic signal.

REPORT

The Assistant Director Engineering - Traffic and Engineering Systems submitted the following report to the Committee.

"In early September, Engineering Department staff were advised that approximately 55 children living in the Lions Club housing complex on Mulberry Place are required to cross 16th Avenue en route to Armstrong School. The number of children is likely to increase over the next few years as the area north of 16th Avenue is further developed.

A site visit was made by Mitch Bloomfield (Burnaby School Board), Ed Collins (Armstrong School Principal) and Theresa Pickford (Engineering Department). The aim was to devise a safe route for the children to cross 16th Avenue.

INTERNAL DISTRIBUTION:
AGENDA - 1991 NOVEMBER 12
COPY - MUNICIPAL MANAGER
- DIRECTOR ENGINEERING
- DIRECTOR PLANNING & BUILDING INSPECTION

Although there is a signal at 16th Avenue and Cariboo Road, it is unlikely this route would be used, as it requires the children to backtrack a total distance of approximately 400m. Crossing at Mulberry Place is not desirable as there is no sidewalk on the south side of 16th Avenue and the curvature of the road at this point impairs the drivers' view of pedestrians.

The better location for a crossing is at Cascade Street. However, due to the traffic volume at this location (8,677 vehicles over 24 hours on 1991 October 23) and the geometry of the road, an ordinary marked school crosswalk is considered to be insufficient, even if a crossing guard is employed.

Accordingly, Engineering Department staff recommend the installation of a pedestrian activated traffic signal with advance warning signs and an interconnection to the signal at 16th/Cariboo. Staff note that the crosswalk is approximately 450m from the nearest signal and hence conforms with the preferred minimum suggested by draft National Application Guidelines for crosswalks. The estimated cost of the installation is \$70,000."

Funds are available for this work in the 1991-1995 Capital Budget (within the traffic management budget code 60-14) and further more is in conformance with the objectives established in the recent capital programme expenditure review.

Arising from the discussion of this report, the Committee requested that staff consult with the Lions caretaker and residents of the Lions housing complex regarding interim measures that may be taken to reduce the risk to children crossing 16th Avenue en route to Armstrong School prior to the installation of a pedestrian activated traffic signal.

One of the interim measures discussed was the possibility of installing a temporary school crosswalk with a crossing guard. This option would require the Burnaby School Board to provide a crossing guard until the pedestrian actuated traffic signal is installed.

MEMBERS:

Respectfully submitted,

Mr. W. Anderson
Mr. D. Baker
Mr. W.B. Bennett
Mr. M. Bloomfield
Mrs. L. Brown
Mrs. G. Evans
Mr. T. Hulme
Mr. E. Fourchalk
Mr. D. Ramsbotham
Mr. W.B. Roxburgh
Mr. R. Weston

Alderman J. Young
Chairman

Alderman D. Evans
Member

Alderman D. Lawson
Member

Alderman C. Redman
Member