

CITY OF BURNABY

TRAFFIC AND TRANSPORTATION COMMITTEE
(TRAFFIC SAFETY DIVISION)

*HIS WORSHIP, THE MAYOR
AND COUNCILLORS*

**I. PEDESTRIAN FACILITIES AT THE INTERSECTION OF 14TH AVENUE
AND 18TH STREET**

RECOMMENDATION:

1. **THAT** Council approve a marked crosswalk on 14th Avenue at 18th Street along with a supporting marked crosswalk on 18th Street at 11th Avenue.

REPORT

The Traffic and Transportation Committee (Traffic Safety Division), at its meeting held on 1998 December 08, adopted the *attached* report to respond to concerns raised at the 1998 June 02 regular meeting of the Traffic Safety Committee regarding pedestrian safety on 14th Avenue at 18th Street.

Respectfully submitted,

Mr. D. Berardine
Mr. K. Friederici
Mr. E. Fourchalk
Mr. P. Herring
Ms. L. Kapp
Mr. A. MacDonald
Mrs. D. Mumford
Mrs. R. Oostlander
Mr. J. Parminter
Mr. D. Richardson

Councillor J. Young
Chair

Councillor D. Evans
Member

Councillor N. Volkow
Member

COPY - CITY MANAGER
- DIRECTOR ENGINEERING

City of Burnaby

INTER-OFFICE COMMUNICATION

TO: TRAFFIC SAFETY COMMITTEE DATE: 1998 10 02

FROM: ASST. DIRECTOR ENGINEERING, FILE:
TRAFFIC & ENGINEERING SYSTEMS

SUBJECT: PEDESTRIAN FACILITIES AT THE INTERSECTION OF 14th AVENUE
AND 18th STREET

PURPOSE: TO RESPOND TO CONCERNS RAISED AT THE 1998 JUNE 02
REGULAR MEETING OF THE TRAFFIC SAFETY COMMITTEE
REGARDING PEDESTRIAN SAFETY ON 14th AVENUE AT 18th
STREET

RECOMMENDATION:

1. THAT a marked crosswalk on 14th Ave. at 18th Street be approved along with a supporting marked crosswalk on 18th Street at 11th Avenue.

REPORT

Arising from the 1998 June 02 regular meeting of the Traffic Safety Committee, staff undertook to investigate the existing level of safety at the intersection of 18th Street and 14th Avenue, following concerns raised regarding a recent pedestrian/vehicle collision. Discussions with the RCMP as well as a review of the accident records have indicated the cause of this incident was unsafe pedestrian activity at a location east of the intersection, rather than a deficiency at the intersection itself.

Notwithstanding the events which contributed to this incident, staff have reviewed the existing parking and sight line conditions at this intersection with a view to improving both vehicle and pedestrian movements. We will be extending the existing corner clearances on the south side of 14th Avenue to provide for greater visibility, as well as a complete parking ban on north side of 14th Avenue adjacent to the intersection.

As was discussed at a previous Committee meeting, there is currently no sidewalks on either side of 18th Street from 11th Avenue to 14th Avenue, and a similar lack of pedestrian facilities exists on both sides of 14th Avenue from Kingsway to 19th Street. While this is the current situation, redevelopment of adjacent sites would require the construction of these facilities in the future.

A pedestrian study has been conducted at this intersection to determine the need for pedestrian control. In the two hour observation period, a total of 42 pedestrians crossed at this location, with 18 of those being children en route to Stride Avenue School. Applying this data to the pedestrian crossing warrant indicates sufficient pedestrian activity to warrant the installation of a marked crosswalk by a slight margin.

Installation of the warranted marked crosswalk at this intersection would appear to be premature given the lack of pedestrian links to and from the intersection itself. If it is decided that increased pedestrian protection is needed, it would also make sense to formalize pedestrian links to this preferred crossing location.

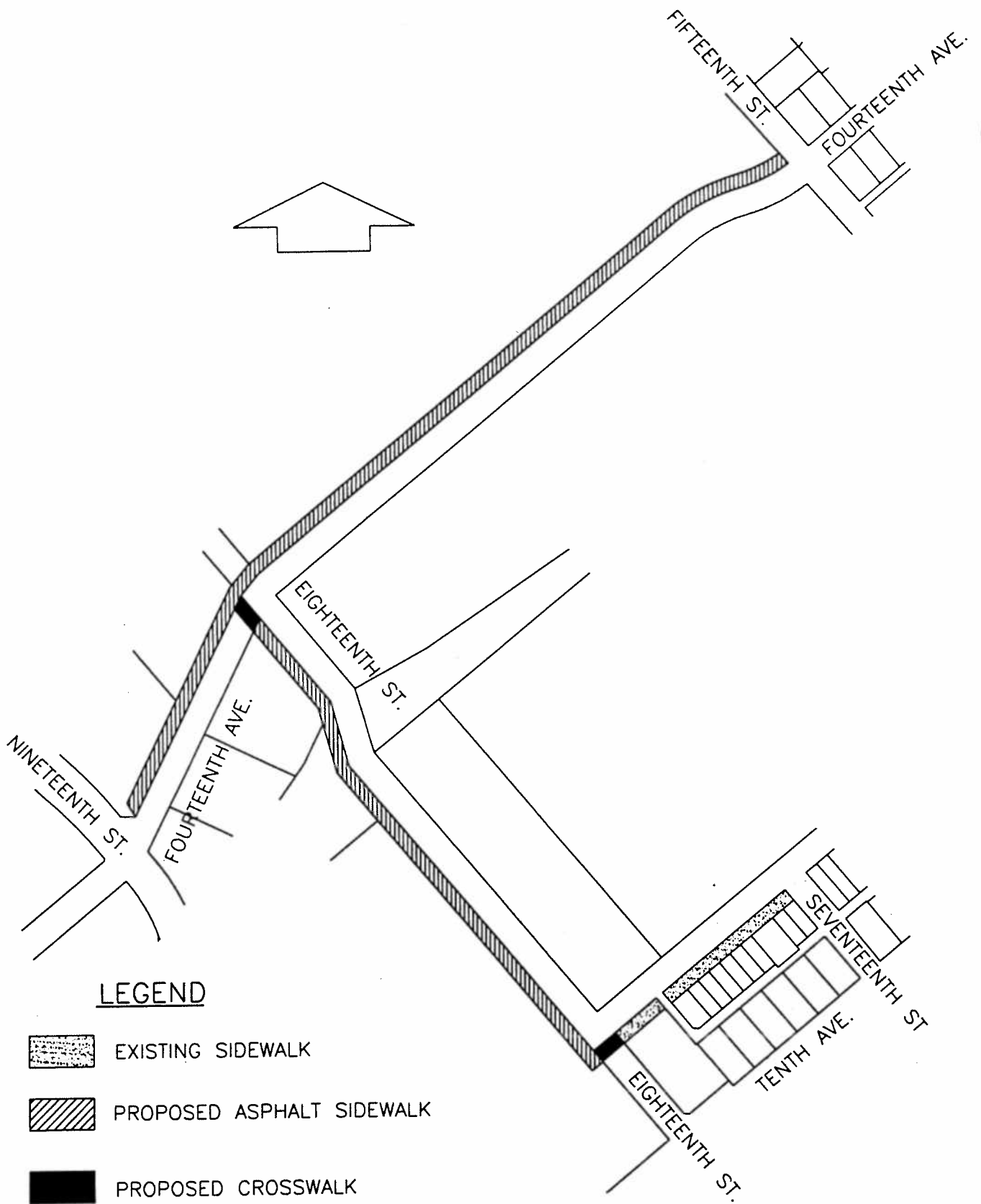
A review of the boulevard grades along 18th Street has determined that the West side of the roadway is the most practical location for an interim pedestrian link. This in turn would require an additional crossing at the intersection of 11th Avenue and 18th Street.

Staff are currently pursuing the installing of an interim asphalt path along the west side of 18th Street from 11th Avenue to 14th Avenue as well as along the north side of 14th Avenue from 15th Street to 19th Street and are optimistic that some interim improvements can be made by the end of this year. On this basis we are recommending the installation of the crosswalks discussed.


ASST. DIRECTOR ENGINEERING,
TRAFFIC & ENG. SYSTEMS

AE:

cc: City Manager



LEGEND



EXISTING SIDEWALK



PROPOSED ASPHALT SIDEWALK



PROPOSED CROSSWALK

NO.	DATE	REVISION

101



City of Burnaby
ENGINEERING DEPARTMENT

**PROPOSED INTERM
SIDEWALK & CROSSWALKS**

DRAWN BY: G.FUNK

SCALE: N.T.S.

APPR'V'D BY: CDL

DATE: 98-11-03

A 482