

ITEM 20  
MANAGER'S REPORT NO. 53  
COUNCIL MEETING 87/09/08

RE: BOUNDARY ROAD IMPROVEMENTS - FIR STREET TO THURSTON STREET  
(Item 14, Manager's Report No. 42, 1987 June 22)

MUNICIPAL MANAGER'S RECOMMENDATION:

1. THAT the recommendations of the Director Planning & Building Inspection be adopted.

\* \* \* \* \*

TO: MUNICIPAL MANAGER 1987 September 02

FROM: DIRECTOR PLANNING & BUILDING INSPECTION Our File: 08.640  
"Boundary Road"

SUBJECT: BOUNDARY ROAD IMPROVEMENTS - FIR STREET TO THURSTON STREET  
(Item 14, Municipal Manager's Report No. 42, 1987 June 22)

=====

RECOMMENDATIONS:

1. THAT Council approve the arterial road concept for Boundary Road shown on Figure 1 attached.
2. THAT a copy of this report be sent to the property owners who received a copy of the 1986 Open House notification and to those residents on Moscrop, Warren, Cardiff, Price and Burke Streets between Boundary Road and Smith Avenue.
3. THAT a copy of this report be sent to the City of Vancouver for their information.

R E P O R T

1.0 INTRODUCTION

On 1987 June 22 Council adopted the Recommendations in Item 14, Municipal Manager's Report No. 42, namely:

1. THAT Council approve in principle the arterial road concept shown on Figures 2 and 3 for that section of Boundary Road between 29th Avenue (Fir Street) and Thurston Street (BC Hydro Railway Overpass).
2. THAT the concept of providing a noise attenuation fence between Fir Street and Thurston Street as typically shown in Figure 4 be incorporated as a component of the Boundary Road improvement as outlined in this report.

3. THAT Council authorize the closure of Fir Street at Boundary Road and the lanes north and south of Fir Street as part of the improvement to Boundary Road.

4. THAT a copy of this report be forwarded to all those property owners who received a copy of the 1986 Open House notification and to those residents on Moscrop, Warren, Cardiff, Price and Burke Streets between Boundary Road and Smith Avenue for their comments on the proposed design concept for Boundary Road from Fir to Thurston Streets.

5. THAT following receipt of the citizens' comments, a recommended concept for Boundary Road between Fir Street and Thurston Street be forwarded to Council for final approval.

6. THAT a copy of this report be forwarded to Mr. W. Curtis, City Engineer, City of Vancouver.

On the basis of Recommendation No. 4 above, 172 copies of Item 14, Municipal Manager's Report No. 42, with a covering letter were distributed to the residents for their comments. The Planning & Building Inspection Department has received responses from 21 residents (either written or by telephone) who were generally in favour of the concept, however there were some concerns expressed. The concerns mainly involved "spin-offs" associated with improving Boundary Road such as increased traffic flows in the 3700 block Burke Street and the need to acquire additional property, or portions of property, for the realignment of Burke Street with Wellington Avenue in Vancouver which was not proposed under the initial concept presented to residents at the Open House meeting.

## 2.0 VANCOUVER PUBLIC OPEN HOUSE MEETING

On 1987 June 25 Vancouver staff held a Public Open House meeting at the Bruce Elementary School to present information and receive comments from residents, in the Joyce Station area, on the improvement proposed for Boundary Road.

Vancouver staff also undertook to study all traffic turning movements during peak travel periods to and from all streets in Vancouver and Burnaby along Boundary Road throughout the length of the Boundary Road project.

Subsequent discussions between Burnaby and Vancouver staff indicated that certain amendments to the Boundary Road plan were required to satisfy the concerns of residents in Burnaby and Vancouver whilst protecting the overall concept and function of the arterial street.

## 3.0 AMENDED CONCEPT

The circled locations with the inset sketches on Figure 1 attached show details of the amendments to the concept deemed necessary to accommodate the current access needs of the residential areas in Burnaby and Vancouver.

The Burnaby residential area will be provided with all movement access to and from Boundary at only Moscrop and Burke Streets due to the proximity, parallel nature and function of Smith Avenue one short block east of Boundary Road.

### 3.1 Rae Avenue Intersection and Median Opening

Rae Avenue in Vancouver is a short (150m long) residential street connected to Boundary Road on the east but connected to neighbourhood streets by lane only.

The current access requirements by the Vancouver Fire Department are for Rae Avenue to have all movement access from Boundary Road. It is necessary therefore to accommodate these requirements with an opening in the Boundary Road median. The longer range land use outlook for the Rae Avenue area could accommodate a revision in the street and land use pattern which would preclude the need for the median opening following redevelopment of the area.

### 3.2 Burke/Wellington Intersection

A reorientation of the Burke/Wellington intersection alignment on the Vancouver side is currently under study by Vancouver staff. Burke Street and Wellington Avenue are no longer proposed for a direct connection, signalized intersection under the amended plan. This revision is intended to discourage "through" traffic movement across Boundary Road between Wellington and Burke Streets and vice versa. It also removes the need for the total acquisition of the property at 3701 Burke Street by the Municipality for the previously proposed Burke Street/Wellington Avenue realignment.

### 3.3 Price Street Intersection

It is believed necessary to provide a north bound median opening at Price Street for local traffic wishing to access the Vancouver residential area due to the unavailability of alternative direct access and irregular street pattern in the Joyce Station area.

In order to maintain as high quality an arterial as possible yet discourage traffic from "filtering" through the residential neighbourhood in Burnaby, the median opening at Price Street provides only for the north bound vehicles to turn west into Vancouver and not for south bound traffic to turn east into Burnaby. The latter is provided through the left turn storage lane on Boundary Road located north of Moscrop Street. Moscrop Street is designated as a major collector street in the Comprehensive Transportation Plan for Burnaby.

### 3.4 29th Avenue Intersection

The 29th Avenue/Boundary Road intersection is to be signalized. Further, a north bound Boundary Road to west bound 29th Avenue left turn lane has been added to accommodate left turn demands that will exist north of Price Street. Provision of the left turn lane at 29th Avenue will encourage west bound traffic from Moscrop Street in Burnaby to use the 29th Avenue intersection rather than attempt to cross Boundary Road in order to proceed west bound on Moscrop Street in Vancouver adjacent the Bruce Elementary School.

ITEM	20
MANAGER'S REPORT NO.	53
COUNCIL MEETING	87/09/08

4.0 CITY OF VANCOUVER APPROVALS

The recommended concept as presented in Figure 1 has now been approved by the Joyce Station Area Planning Committee and the Transportation and Strategic Planning Committee of the Vancouver City Council. This latter Committee's recommendation is being forwarded to the Vancouver City Council for their consideration on 1987 September 15.

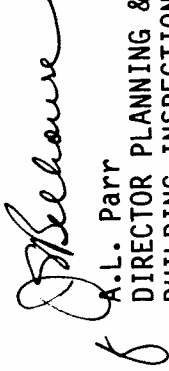
144

5.0 PROPOSED IMPLEMENTATION SCHEDULE

Subsequent to Vancouver Council's adoption of the recommended concept, detailed design, followed by construction, will be undertaken by Vancouver for the section between 29th Avenue and Price Street. It is anticipated that construction will commence late this year/early in 1988.

Burnaby staff are currently actively involved in negotiations with the owners of properties which are required for the section between Price Street and Thurston Street.

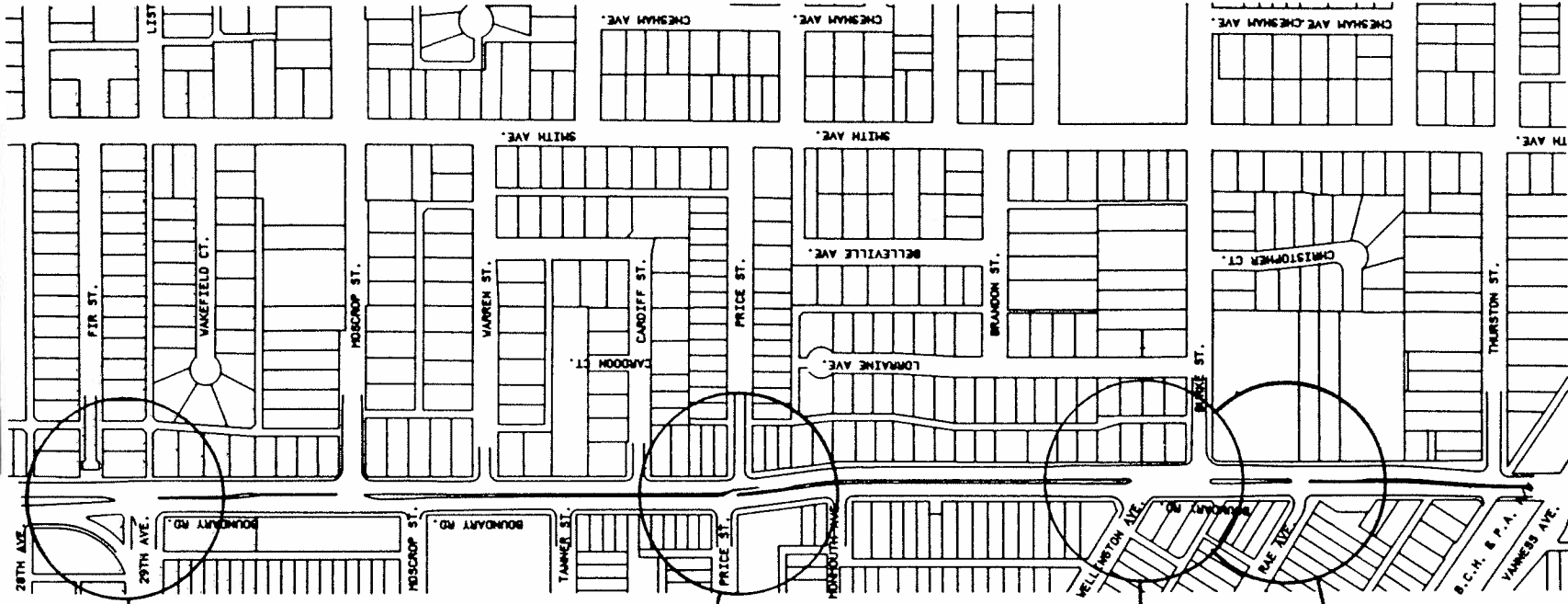
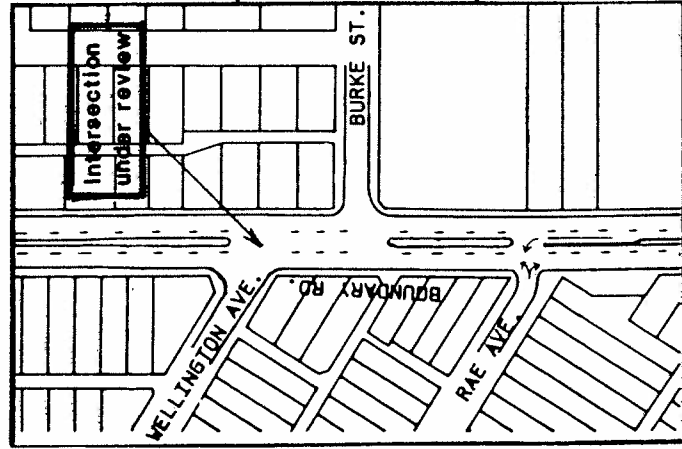
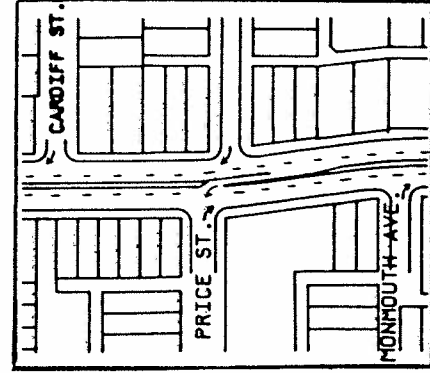
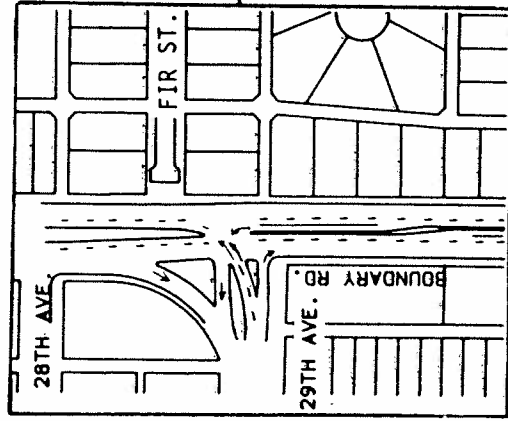
Concerning detail design and construction, it is anticipated that the section for which Burnaby is responsible will be undertaken through 1988 following completion of the property acquisition phase.

  
A.L. Parr  
DIRECTOR PLANNING &  
BUILDING INSPECTION

WSS/mcb  
Attachs:

cc: Director Engineering

ITEM 20  
 MANAGER'S REPORT NO. 53  
 COUNCIL MEETING 87/09/08



Planning &  
 Building Inspection  
 Department

Date:  
 1987 SEPT.

Scale:  
 NOT TO SCALE

Drawn By:

Proposed Improvement Of Boundary Road

Fir St. (29th Ave.) To Thurston St.

Figure 1.

