

ITEM	16
MANAGER'S REPORT NO.	32
COUNCIL MEETING	1978 04 24

Re: EASTBURN NEIGHBOURHOOD IMPROVEMENT PROGRAMME -
PROPOSED BUS SHELTER INSTALLATION IN RESIDENTIAL AREAS

Following is a report from the Director of Planning regarding the proposed installation of bus shelters.

RECOMMENDATION:

1. THAT Council authorize an expenditure of \$13,000 under the terms of the Eastburn Neighbourhood Improvement Programme for the construction and installation of six bus shelters on residential streets in the Eastburn area.

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PLANNING DEPARTMENT
1978 APRIL 18
OUR FILE: 12.129-111

TO: MUNICIPAL MANAGER
FROM: DIRECTOR OF PLANNING
SUBJECT: EASTBURN NEIGHBOURHOOD IMPROVEMENT PROGRAMME
PROPOSED BUS SHELTER INSTALLATIONS IN RESIDENTIAL AREAS

BACKGROUND

On 1976 November 29, Council approved in principle a list of projects to be carried out under the terms of the Eastburn Neighbourhood Improvement Program. One of these projects included the installation of a series of bus shelters.

The Transit Committee and Council will be considering written proposals from private companies for the installation and maintenance of bus shelters with advertising in commercial areas and industrial areas.

On 1977 August 03 Council adopted the following recommendation with regard to N.I.P. funded shelters:

"THAT Council authorize Municipal staff to work with the N.I.P. Committee towards a suitable bus shelter design to be installed within the residential areas in Eastburn at approximately five locations selected by the Committee in cooperation with Municipal and B.C. Hydro staffs, on the understanding that the shelters will be provided through N.I.P. Funding, while all future maintenance costs will be a Municipal responsibility".

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A design for a suitable shelter has now been drawn up by a member of the N.I.P. Committee. This design has been checked by the Engineering, Building, and Planning Departments.

DESIGN

The shelter will be constructed of wood, the walls will be made of a wooden grid screen on the three sides of the shelter which affords several advantages such as reasonable rain and wind protection, entry of light to the shelter, good strength characteristics, and minimal surfaces for graffiti. A bench will also be provided.

The roof has a gentle slope with a ridge pole to afford good rain protection and an attractive appearance. There will be four cedar posts supporting the structure. The wood will be finished with a stain for appearance and to aid preservation. The shelter will be set onto a base of paving blocks according to a design prepared by the Engineering Department.

METHOD OF CONSTRUCTION

Members of the Eastburn N.I.P. Committee have approached staff at Burnaby South Secondary School and have determined that the woodworking students could be involved in building the shelters. The purpose of involving the students is to provide them with a sense of involvement with the improvement of their community. It is hoped that having this work done in the school will reduce the vandalism on the shelters once they have been installed. Supervision of the construction will be undertaken by the school woodwork instructor.

The materials will be provided through the Neighbourhood Improvement Program while the school will provide the labour. Site preparation and final assembly and installation of the shelters will be done by Engineering Department staff.

An evaluation of the design and the method of construction will be carried out following the construction and installation of a first prototype shelter.

LOCATION OF THE SHELTERS

Many locations in the Eastburn area requiring bus shelters are in commercial areas which will be potentially suitable sites for the commercial shelters which will include advertising when they are installed in the future.

The shelters under discussion in this report are intended to be installed in residential areas.

The following sites proposed by the Eastburn N.I.P. Resident Advisory Committee have been reviewed by the Engineering Department as being suitable for locating these shelters:

1. Canada Way at Wedgewood (transfer point)—north-east side of Canada Way, westbound
2. 19th Street and Stride Avenue—on north-west side of Stride, westbound
3. 16th Street and Stride Avenue—on north-west side of Stride, westbound

- 4 & 5. Canada Way at 14th Avenue (stops in both directions)
6. 11th Avenue and 1st Street—on south-west side of 1st Street southbound (this site may be affected by a review in Hydro service hence will be temporarily held up).

COST ESTIMATES

The cost of materials for the shelter structure has been estimated at approximately \$900 per unit. The Engineering Department has estimated that the site preparation with paving stones and assembly/installation cost will be \$975. This cost will vary slightly from site to site. The total estimated cost of all six shelters, including a 15% contingency is \$13,000. The original N.I.P. allocation approved in principle by Council for this project in 1976 was \$15,000.

SUMMARY

On 1977 August 13, Council authorized staff to work with the Eastburn N.I.P. Committee in the preparation of a design for bus shelters for residential areas. These N.I.P. shelters will be separate from those which will be provided in commercial areas under the agreement between advertising companies and the Municipality.


The design for the proposed N.I.P. shelters has been approved by the Engineering, Building, and Planning Departments. The shelters will be constructed at Burnaby South High School by woodworking students while the site preparation, assembly and installation of the shelters will be undertaken by the Engineering Department.

Six shelters are proposed to be constructed in the Eastburn area at better used stops in residential areas. The cost estimate for this project is \$13,000 including purchase of materials, site preparation, assembly and installation of the six shelters proposed. The original cost allocation approved in principle by Council in 1976 November was \$15,000.

RECOMMENDATION

It is recommended THAT:

Council authorize an expenditure of \$13,000 under the terms of the Eastburn Neighbourhood Improvement Programme for the construction and installation of six bus shelters on residential streets in the Eastburn area.


A. L. Parr
DIRECTOR OF PLANNING

BR/ds

cc Municipal Engineer
Chief Building Inspector
Current Planner, C. Rowland
Eastburn N.I.P. Resident Advisory Committee