

REPORT
1993 June 28

CITY OF BURNABY

COMMUNITY ISSUES AND SOCIAL PLANNING COMMITTEE

HIS WORSHIP, THE MAYOR
AND COUNCILLORS

RE: ACCESSIBILITY IMPROVEMENTS TO CITY BUILDINGS

RECOMMENDATION:

1. THAT Council receive the attached report for information purposes.

R E P O R T

The Community Issues and Social Planning Committee, at its meeting held on 1993 June 23, received and adopted the attached staff report identifying accessibility improvements for City buildings.

The Committee therefore submits the report to Council for information purposes.

Respectfully submitted,

Councillor E. Nikolai
Chair

Councillor J. Young
Vice Chair

Councillor C. Redman
Member

<p>: COPY - CITY MANAGER - DIR. ADMIN. & COMM. SERV. - DIR. ENGINEERING - DIRECTOR FINANCE - DIRECTOR PLANNING & BUILDING - DIRECTOR RECREATION & CULTURAL SERVICES - MEDICAL HEALTH OFFICER</p>
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TO: CHAIR & MEMBERS
COMMUNITY ISSUES & SOCIAL
PLANNING COMMITTEE

1993 JUNE 07

OUR FILE: 17.908.7

FROM: ACTING DIRECTOR
PLANNING AND BUILDING

SUBJECT: ACCESSIBILITY IMPROVEMENTS TO CITY BUILDINGS

PURPOSE: To advise Council of identified accessibility improvements for City buildings.

RECOMMENDATION:

1. **THAT** the Committee forward this report to Council for information purposes.

REPORT

1.0 INTRODUCTION

In 1991 April, staff, in conjunction with the Burnaby Access Advisory Committee, developed a guidebook on access to City facilities for persons with disabilities. The Access Guidebook contains information on the accessibility of 23 City buildings¹. In collecting information on the physical access to these City buildings, staff also identified needed accessibility improvements.

In 1992 June, Council endorsed the 1991/1992 City action plan to improve access to services and facilities for persons with disabilities. As part of the action plan, Council endorsed a proposal to identify necessary accessibility improvements for City buildings.

This report identifies necessary accessibility improvements to 18 City buildings. The improvements will be included for consideration as part of the Capital Budget process over a six year period from 1993 to 1998.

2.0 ACCESSIBILITY IMPROVEMENTS

The identified accessibility improvements and cost estimates for 18 City buildings are listed in Appendix 1 *attached*. The types of accessibility improvements identified include:

- wheelchair viewing positions
- lower service counters

1 Copies of the Guidebook are available to the public from the Planning & Building Department and Finance Department.

- provision/improvements to elevators
- handrails
- automatic door openers
- access to washrooms
- access to shower facilities
- parking spaces
- ramps
- paved pathways
- other basic accessibility improvements

A priority ranking for improvements was established through the Burnaby Access Advisory Committee, the Social Planning Staff Liaison Group, and the Management Committee.

As a starting point, the Advisory Committee suggested that improvements be undertaken in the following order: i) washrooms, ii) showers, iii) minor elevator improvements, ramps, iv) automatic entrance doors, and v) major elevator improvements. This approach is intended to address the most significant barriers first, while proceeding to other items of lesser significance as the program progresses. The Advisory Committee recognizes that this approach will not result in complete access to a facility in the first year.

In addition, the Management Committee has identified a number of small costs items that can be undertaken in 1993 from capital contingency.

Appendix 1 also shows the identified accessibility improvements allocated over a six year period from 1993 to 1998.

3.0 ESTIMATED COSTS

For the most part, individual cost estimates for the identified improvements range up to \$90,000, with the provision of elevator service at one facility estimated at \$400,000. The following provides an estimate of total costs for the accessibility improvements over a six year period from 1993 - 1998. The costs estimates include an anticipated amount for contingency, design fees and inflation.

CAPITAL CONTINGENCY	
• 1993	\$ 10,000
CAPITAL BUDGET PROCESS	
• 1994	\$ 150,000
• 1995	\$ 141,000
• 1996	\$ 134,000
• 1997	\$ 185,000
• 1998	\$ 400,000
TOTAL	\$1,010,000

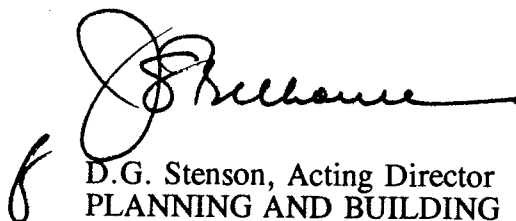
Appendix 2 *attached* provides a brief overview of the accessibility design standards used in developing the cost estimates.

4.0 NEXT STEPS

Staff will undertake a number of minor accessibility improvements in 1993 using funds from operating contingency. The remaining accessibility improvements will be included for consideration in the 1994 - 1998 Capital Budget process.

Planning Department staff will monitor progress made in undertaking the improvements each year, and ensure that the appropriate projects are brought forward for consideration over the next five years.

It is recommended that this report be submitted to Council for information purposes.


D.G. Stenson, Acting Director
PLANNING AND BUILDING

LP/db

Attachments (3)

cc: City Manager
Director Finance
Director Engineering
Director Administrative & Community Services
Director Recreation & Cultural Services
Medical Health Officer

PRIORITY RANKING OF IDENTIFIED ACCESSIBILITY IMPROVEMENTS

FACILITY IMPROVEMENTS	CONTIN-- GENY 1993	YEAR 1 1994	YEAR 2 1995	YEAR 3 1996	YEAR 4 1997	YEAR 5 1998
CITY HALL						
Provide wheelchair viewing position in Council Chamber.	\$500					
Lower portion of service counter in Finance (Tax/cash Counter).				\$2,800		
Post building directories on ground floor (2) and first floor.	\$2,200					
Lower elevator controls.				\$10,500		
Install optical door opener on elevator.				\$4,200		
Install handrail on the side and in the middle of stairs between the City Hall and Justice Building.				\$4,900		
Install assistive listening device in Council Chambers.	\$600					
WEST BUILDING (HEALTH)						
Install optical door stop bar on elevator.				\$4,200		
PROVINCIAL COURT BUILDING						
Install automatic entrance doors.					\$11,700	
RCMP DETACHMENT BUILDING						
Install automatic entrance doors.					\$17,500	
KINGSWAY BRANCH LIBRARY						
Lower slope on wheelchair ramp to entrance.				\$3,400		
Provide 2 designated parking spaces near ramp.				\$8,400		
Pave pathway from designated parking spaces near ramp.				\$1,400		
Install automatic entrance doors.					\$17,500	

FACILITY IMPROVEMENTS		CONTIN-- GENCY 1993	YEAR 1 1994	YEAR 2 1995	YEAR 3 1996	YEAR 4 1997	YEAR 5 1998
MCGILL BRANCH LIBRARY (1) (SEE NOTE)							
Install automatic entrance doors.						\$19,000	
Provide unisex wheelchair accessible washroom.			\$17,000				
BURNABY ART GALLERY					\$5,600		
Pave gravel path leading to entrance ramp.					\$8,400		
Lower wheelchair ramp.					\$4,200		
Lower entrance threshold.							
BURNABY VILLAGE MUSEUM							
Provide wheelchair ramp to Elworth House front porch and play to area.					\$2,800		
Provide self-instituted wheelchair access at entrance gate.					\$2,800		
Improve access through washroom doors to Museum.		\$480					
BONSOR RECREATION COMPLEX							
Provide wheelchair access to length swimming pool.					\$7,000		
BURNABY LAKE PAVILION							
Post and mark one additional designated parking space.		\$100					
Lower slope on wheelchair ramp.					\$5,600		
Modify washrooms stalls to accommodate wheelchairs.			\$19,500				

FACILITY IMPROVEMENTS		CONTIN-- GENCY 1993	YEAR 1 1994	YEAR 2 1995	YEAR 3 1996	YEAR 4 1997	YEAR 5 1998
BURNABY LAKE RINK							
Improve curb cut at back entrance.		\$1,900					
Modify change rooms and gang showers to be wheelchair accessible.						\$87,600	
Install automatic entrance doors.				\$20,200			
Provide viewing position on platform.			\$13,000				
C.G. BROWN MEMORIAL POOL							
Modify washrooms to be wheelchair accessible.			\$52,000				
Modify change rooms and gang showers to be wheelchair accessible.				\$16,200			
Provide wheelchair access to pool.		\$1,700					
Install automatic entrance doors.						\$22,000	
CAMERON RECREATION CENTRE							
Modify showers to be wheelchair accessible.				\$15,000			
Provide elevator service from recreation centre to second level.							\$400,000
Lower slope of ramp at North entrance					\$8,400		
Improve access through washroom doors			\$14,000				
EASTBURN COMMUNITY CENTRE							
Widen entrance doors to washrooms.		\$600					
Modify gang showers to be wheelchair accessible.				\$20,200			
EDMONDS COMMUNITY CENTRE FOR THE RETIRED.							
Post and mark additional designated parking space.		\$250					
Upgrade elevator.					\$21,700		
KENSINGTON PARK RINK							

FACILITY IMPROVEMENTS		CONTIN-- GENCY 1993	YEAR 1 1994	YEAR 2 1995	YEAR 3 1996	YEAR 4 1997	YEAR 5 1998
Provide curb cut to west side of building.		\$1,000					
Widen stall in washrooms to accommodate wheelchairs.			\$18,200				
Install automatic entrance door.				\$20,200			
SWANGARD STADIUM							
Widen stall in washrooms to accommodate wheelchairs.			\$5,900				
Pave gravel path linking existing designated parking area to stadium entrance.						\$8,800	
Pave small parking lot next to entrance and provide 6 designated parking spaces in newly paved lot.					\$19,700		
Provide accessible path from newly paved parking lot to main entrance.					\$2,100		
Modify gang showers to accommodate wheelchairs.				\$40,500			
WILLINGDON HEIGHTS COMMUNITY CENTRE							
Modify showers to provide wheelchair access.				\$8,100			
METROTOWN YOUTH CENTRE							
Provide unisex wheelchair accessible washroom.			\$10,400				
TOTAL		\$9,430	\$150,000	\$140,400	\$133,100	\$184,100	\$400,000

Note: (1) The identified upgrades for McGill Branch Library will only be necessary if plans for the reconstruction/expansion of the facility are not included in the upcoming five year capital plan.

APPENDIX 2

GENERAL DESIGN STANDARDS

General Design Guidelines

- As required by the B.C. Building Code.

Wheelchair Viewing Positions

- As described in the B.C. Building Code.

Lower Counter Designs

- Height 750 - 815 mm
- Clear space under the counter of 900 mm wide, 500 mm deep by 750 mm high.

Elevator Controls

- As required by B.C. Elevating Device Regulations.

Assistive Listening Device

- Induction Loop connected to existing public address system.

Wheelchair Washrooms

- As required by the B.C. Building Code.

Ramps

- As required by the B.C. Building Code, with the proviso that the slope should be as gradual as possible within the space available for the ramp.

Disabled Persons Parking

- As required by the B.C. Building Code.
- Marked with sign from Motor Vehicle Act Regulations as required by the Burnaby Zoning Bylaw.

Curb Cuts

- Maximum Slope of 1:10.
- Minimum width of 1500 mm.
- Curb lip of a maximum of 13mm
- Surface should have a roughened texture and be noticeably different from surrounding surfaces.

Wheelchair Accessible Shower

- As described in the Canadian Standards Association's "Barrierfree Design: A National Standard of Canada".

Thresholds

- Maximum threshold lip of 13 mm.

