

THE CORPORATION OF THE DISTRICT OF BURNABY

TRAFFIC AND TRANSPORTATION COMMITTEE
(TRANSPORTATION DIVISION)

HIS WORSHIP, THE MAYOR
AND ALDERMEN

INTERNAL DISTRIBUTION:

: - AGENDA 1990 MARCH 12
: - COPY - MUNICIPAL MANAGER
 - DIRECTOR ENGINEERING
 - DIRECTOR PLNG. & BLDG. INSP.

RE: ROUTE SELECTION FOR WHEELCHAIR ACCESSIBLE BUSES

RECOMMENDATIONS:

1. THAT Council support the routes proposed by BC Transit for Phase I of the wheelchair accessible transit program.
2. THAT Council request BC Transit to provide wheelchair accessible service on the routes identified in Section 3.5 of this report in subsequent phases of the wheelchair accessible transit program.
3. THAT Council request BC Transit to make the passarelle connecting Eaton's Centre to Metrotown Station wheelchair accessible by constructing an elevator from ground level at the transit exchange to the passarelle on the Eaton's Centre side, as discussed in Section 2.3 of this report, or any other alternative considered appropriate.
4. THAT Council request BORTC to make the passarelle connecting Eaton's Centre to Metrotown Station wheelchair accessible by constructing an elevator from ground level to the mezzanine level on the Metrotown Station side, or any other alternative considered appropriate.
5. THAT Council request BC Transit to operate the accessible bus program as a supplement to Handydart; to provide assurances that Handydart service will continue to be expanded to meet future demand.
6. THAT Council request BC Transit to establish procedures to ensure that disabled passengers are not stranded at bus stops or left without accessible transit service due to overcrowded buses, mechanical breakdowns, scheduling delays/changes or other circumstances.
7. THAT Council request BC Transit to monitor and adjust the accessible bus program in consultation with the disabled community to ensure that the needs of disabled passengers using, or attempting to use, the service are met. An advisory group including representation from the disabled community should be established to provide an ongoing dialogue with BC Transit.
8. THAT Council forward a copy of this report to BC Transit and the BC Rapid Transit Company.

R E P O R T

1.0 INTRODUCTION

On 1990 January 08 Council received a letter from BC Transit which proposed nine routes within Burnaby for implementation of wheelchair accessible buses. In addition, BC Transit provided the Municipal Clerk with a detailed report outlining the process used to select the proposed routes.

At the same meeting, Council received a report from the Director Engineering which identified the need to evaluate the accessibility of the bus stops on the proposed routes to determine the need for additional sidewalks, dropped curbs and other modifications to make the stops accessible.

Council referred the letter from BC Transit and the report from the Director Engineering to the Traffic and Transportation Committee - Transportation Division for review.

Arising out of the Committee's consideration of the letter from BC Transit, and the accompanying report, Planning & Building Inspection Department staff were asked to review the wheelchair accessible bus routes in conjunction with the disabled community.

This report examines the location of the proposed wheelchair accessible bus routes in terms of service and proximity to the disabled community and major activity centres in Burnaby.

2.0 BACKGROUND

2.1 Wheelchair Accessible Transit

In 1989 April, BC Transit approved a policy which will see the gradual replacement of the existing bus fleet with wheelchair accessible vehicles.

For Phase I of the program, BC Transit expects to have 85 wheelchair accessible buses in service by 1990 September. The 85 buses represent approximately 10% of BC Transit's surface fleet. The new wheelchair accessible vehicles will replace the standard urban/suburban diesel buses.

BC Transit expects to receive additional wheelchair accessible vehicles in mid 1991. There is also a possibility that some existing transit vehicles may be retro-fitted with lifts in 1990.

BC Transit is proposing that the accessible bus service be provided as a parallel service to the existing Handydart service. Handydart provides door-to-door transit service to the mentally and physically disabled. Users must pre-book trips from 1 to 7 days in advance. Priority is given to trips for medical, work or education purposes.

The accessible bus service is expected to increase the transportation options of the disabled who are able to reach the accessible bus stops by allowing more spontaneous trips.

2.2 Proposed Routes

BC Transit has proposed the following nine routes for implementation of wheelchair accessible buses in Burnaby in Phase I of the program:

- # 25 Brentwood/UEC
- # 28 Phibbs Exchange/Joyce Station
- # 49 Metrotown Station/UEC
- # 106 New Westminster Station/Metrotown Station
- # 112 New Westminster Station/Edmonds Station
- # 120 New Westminster Station/Vancouver
- # 135 SFU/Kootenay Loop
- # 144 SFU/Metrotown Station
- # 145 SFU/Lougheed Mall

The proposed routes provide broad coverage of the municipality, with connections to major activity centres in Vancouver. Wheelchair accessible bus service in Burnaby will be available:

- . along the Hastings, Canada Way and Kingsway corridors
- . from SFU to Kootenay Loop, Loughheed Mall and Metrotown
- . from New Westminster Station to Edmonds and Metrotown Stations
- . from Brentwood and Metrotown to UBC
- . from Hastings to Joyce Station in Vancouver

The existing transit routes and the proposed transit routes for the wheelchair accessible buses are shown on Attachments 1, 2 and 3. Attachment 8 provides detailed routing information on each of the proposed wheelchair accessible routes in Burnaby.

2.3 Wheelchair Accessible Bus Stops

Access to wheelchair accessible bus service for the disabled is dependent on both the location of the bus routes, and the accessibility of the bus stops. BC Transit is proposing that, in Phase I, a minimum of 25% of the bus stops along the proposed routes be accessible and marked with the international wheelchair symbol.

The Burnaby Engineering Department is conducting a review of the accessibility of the bus stops on the routes proposed for Burnaby. This review will identify stops that are currently wheelchair accessible, and those stops that will require further upgrading by the Municipality.

At the outset, it is important to note that the Metrotown Skytrain Station is not wheelchair accessible from the Metrotown Bus Loop via the passarelle. Currently, wheelchair passengers must cross Central Boulevard to access Skytrain at Metrotown Station.

To make the passarelle over Central Boulevard linking the Skytrain Station to Eaton's Centre wheelchair accessible, improvements will need to be made by both BC Transit and the operators of Skytrain (British Columbia Rapid Transit Company Ltd.).

The British Columbia Rapid Transit Company is currently examining the accessibility of the passarelle from the Skytrain side. To make the passarelle accessible from the Metrotown Bus Loop after business hours, BC Transit should be requested to provide an elevator from grade at the bus loop to the passarelle.

2.4 Service Frequencies

For Phase I, BC Transit is proposing that the wheelchair accessible buses operate a minimum of 25% of the scheduled trips on routes with bus service more frequent than every 15 minutes, and 50% of the scheduled trips on routes with bus service every 15 minutes to 1 hour.

In general, wheelchair accessible bus service in Burnaby will be available for 50% of scheduled trips on the routes selected (every 24 to 30 minutes), with the exception of bus service to and from SFU where service will be available for 25% of scheduled trips (every 60 minutes).

All accessible bus stops will be marked with the international wheelchair symbol. The symbol will be placed on the individual bus stop posts and the multi-route identification signs. In addition, BC Transit will modify the existing transit schedules to indicate which routes and trips are accessible.

2.5 Route Selection Process

In Phase I, BC Transit is proposing that only those routes that are normally assigned the standard diesel bus be considered for wheelchair accessible service.

To select routes for the wheelchair accessible bus service, BC Transit conducted an evaluation of all routes that are normally assigned standard urban or suburban diesel buses. Routes assigned trolley buses or the smaller 35 foot buses were not part of the evaluation of routes.

As part of the route selection process, BC Transit formed the BC Transit Accessible Bus Implementation Committee. The committee consists of representatives from within BC Transit, and from the disabled community through the Committee to Promote Accessible Conventional Transit (COMPACT).

The BC Transit Implementation Committee used the following criteria to assist in the selection of the proposed routes:

<u>Criteria</u>	<u>Possible Points</u>
. Disabled Community Coverage	10
- based on distribution of Handydart users	
. Activity Centre Coverage	12
- based on service to major activity centres	
. Access to Rapid Transit	5
- based on connection to Skytrain/Seabus	
. High Ridership	10
- favours routes with higher ridership	
. Maximum Hours of Operation	10
- favours routes with long hours of operation	
. Route Stability	3
- favours routes not subject to planned route changes	
. Connecting Routes	3
- routes with connections to other routes favoured	
. Scheduling Considerations	3
- routes with an independent schedule favoured	
==	56
TOTAL	

Each route was assigned points based on how well it met the various selection criteria. Based on the evaluation, BC Transit compiled a short list of 25 routes. Attachment 9 lists the top 25 routes. Attachment 10 lists the proposed wheelchair accessible bus routes for the Lower Mainland.

Four routes were removed from the short list and replaced with routes which provide for connections between the top ranked routes. The four routes that were removed are served by buses which provided 'interlined' service. Interlined service is where the transit vehicle provides service on several different routes.

3.0 EXAMINATION OF PROPOSED BURNABY ROUTES

3.1 Evaluation Criteria

To evaluate the service provided to the disabled community within Burnaby, this section examines the location of the proposed routes in terms of:

- service to areas where housing for seniors and the disabled is located
- service to centres of activity within the municipality for work, shopping, medical services, recreation, entertainment and education
- service to centres of activity outside the municipality for work, shopping, medical services, recreation, entertainment and education

These criteria are used to evaluate the routes selected by BC Transit in terms of service provided within Burnaby. The criteria used by BC Transit evaluated routes from a broader regional perspective, and also included scheduling and technical criteria.

At this stage in the process, it was not possible to determine the location of each wheelchair accessible bus stop. Thus, this examination was conducted in relation to the proposed routes and not the final location of each wheelchair accessible stop.

3.2 Proximity to Housing for Seniors and the Disabled

The proposed routes will provide service to the majority of housing for seniors and the disabled in Burnaby.

Over 50% of Burnaby's housing for seniors and the disabled is located on or within one block of the proposed routes. A further 30% is located within one to three blocks of the proposed routes, and the remaining 20% is located more than three blocks from the proposed routes.

Housing that is more than three blocks from the proposed routes include:

Fairhaven Rest Home	4341 Rumble Street
George Derby Centre	7502 Cumberland Avenue
Kingsway Court	5560 Inman Avenue
Seton Villa	3755 McGill Street
St. Michaels Centre	7451 Sussex Avenue
Swedish Canadian Manor	1812 Duthie Avenue
Swedish Canadian Resthome	1800 Duthie Avenue

Only housing for seniors and the disabled which has been constructed or is operated with the assistance of a government subsidy has been considered in this evaluation. Private market housing for seniors and the disabled is assumed to be evenly distributed throughout the Municipality.

Attachment 4 shows the location of housing for seniors in relation to the proposed accessible routes.

3.3 Service to Major Activity Centres Within Burnaby

3.3.1 Service to Educational Facilities

The proposed routes provide service to Burnaby's post-secondary educational centres, and to most secondary schools. In general, elementary and community schools are not as well served by the proposed routes. In total, approximately 65% of Burnaby's educational centres are within three blocks of the proposed routes.

Schools that are more than three blocks from the proposed routes include about one-third of Burnaby's elementary schools, and the following community and secondary schools:

Cariboo Hill Secondary	8580 16th Avenue
Gilmore Avenue Community School	50 Gilmore Avenue
Lochdale Community School	6990 Aubrey Street
Second Street Community School	7502-2nd Street
Stoney Creek Community School	2740 Beaverbrook Crce.

Attachment 5 shows the location of Burnaby's educational centres in relation to the proposed accessible routes.

3.3.2 Service to Recreational Centres

The proposed routes include most of Burnaby's recreational centres. Eighty-six percent of Burnaby's recreational centres are within three blocks of the proposed routes.

Recreational centres that are more than three blocks from the proposed routes include:

Willingdon Heights Comm. Centre	1491 Carleton
Cameron Recreational Centre	9523 Cameron

Attachment 6 shows the location of Burnaby's recreational centres in relation to the proposed accessible routes.

3.3.3 Service to Other Major Activity Centres

The proposed routes provide service to the large majority of Burnaby's major shopping and activity centres, including: Metrotown, Lougheed, Brentwood, Middlegate, Edmonds, Willingdon/Hastings, Municipal Administrative Centre, and Burnaby Hospital.

Attachment 7 shows the location of Burnaby's major activity centres in relation to the proposed accessible routes.

3.4 Service to Major Activity Centres Outside of Burnaby

Phase I of the wheelchair accessible transit service will operate primarily from Vancouver, Burnaby, New Westminister, Coquitlam, Port Coquitlam and Port Moody.

In general, the proposed routes will connect Burnaby with the major centres of activity in Vancouver, New Westminister, and Coquitlam. In addition to the service now provided by Skytrain, wheelchair accessible transit service to Vancouver will be provided along the City's Hastings, King Edward, 41st, and 49th streets.

3.5 Future Accessible Routes

The routes proposed by BC Transit provide broad coverage of the Municipality, and will provide service to major concentrations of housing for seniors and the disabled, as well as most of Burnaby's major medical, educational, recreational, and commercial activity centres.

The limited number of wheelchair transit vehicles available in Phase I of the program restricts the ability of BC Transit to provide wheelchair accessible service on all routes.

To assist BC Transit in the planning of future routes, the criteria listed in section 3.1 of this report were used to identify routes within Burnaby that should be considered for wheelchair accessible service in subsequent phases of the program.

The routes identified are:

- . Route 151, 152 Lougheed Mall/Broadway

This route would provide direct service between Lougheed and Brentwood Malls, and connect Burnaby with Vancouver General Hospital.

- . Route 101 Port Coquitlam Centre/Vancouver

This route would provide service to George Derby Centre and Cariboo Hill Secondary, and connect Lougheed Mall, New Westminster's uptown shopping area and Skytrain.

- . Route 110 Lougheed Mall/Metrotown Station

This route would provide direct service between Lougheed Mall, the Municipal Administration Centre and Metrotown.

- . Route 130 Metrotown Station/Kootenay Loop

This route would provide a direct connection between the commercial area at Willingdon and Hastings to Brentwood Mall and Metrotown Station.

- . Route 134 Kootenay Loop/Lougheed Mall

This route would provide direct service between Lougheed Mall and Kootenay Loop.

- . Route 139 (140/141) Burnaby Heights/Kootenay Loop

This route would provide service in north-west Burnaby to the Seton Villa seniors facility on McGill Street.

- . Route 136 Brentwood/Montecito

This route would provide service to the Swedish Canadian Manor and Resthome seniors facility on Duthie Avenue.

- . Route 116 Metrotown Station/Suncrest

This route would provide service to Fairhaven Resthome on Rumble Street and St. Michaels Centre on Sussex Avenue.

- . Route 115 Metrotown Station/Edmonds Station

This route would provide service to the proposed Burnaby South 2000 school located at Rumble and Royal Oak.

4.0 CONCERNS OF THE DISABLED COMMUNITY

The route selection report prepared by BC Transit, and a draft discussion report on this subject prepared by the Planning & Building Inspection Department were reviewed by Burnaby's National Access Awareness Week Advisory Committee. This committee is composed of representatives from the disabled community in Burnaby, and Municipal staff involved in the delivery of services to the disabled community.

Given the limited number of accessible buses available in Phase I, the Advisory Committee agreed that BC Transit had selected the routes that would best cover the major activity centres in Burnaby.

In addition, the Advisory Committee identified a number of areas of concern regarding the introduction of the accessible bus service. The Advisory Committee is concerned that:

- 1) the introduction of accessible buses may result in a reduction in the Handydart program.
- 2) BC Transit establish procedures to ensure that disabled passengers are not stranded at bus stops due to overcrowded buses, mechanical breakdowns, scheduling delays/changes or other circumstances.
- 3) transfer points between the accessible bus routes and Skytrain be fully accessible. In Burnaby the passarelle over Central Boulevard linking Eaton's Centre and Skytrain station was identified as a major transfer point that is not accessible and needed immediate attention.
- 4) BC Transit monitor and adjust the accessible bus program in consultation with the disabled community. This may best be accomplished through the establishment of an advisory group which includes representation from the disabled community.

5.0 RECOMMENDATIONS

Arising from the examination of the proposed wheelchair accessible bus routes and from discussions with the disabled community it is recommended that the Traffic and Transportation Committee recommend to Council:

1. THAT Council support the routes proposed by BC Transit for Phase I of the wheelchair accessible transit program.
2. THAT Council request BC Transit to provide wheelchair accessible service on the routes identified in Section 3.5 of this report in subsequent phases of the wheelchair accessible transit program.
3. THAT Council request BC Transit to make the passarelle connecting Eaton's Centre to Metrotown Station wheelchair accessible by constructing an elevator from ground level at the transit exchange to the passarelle on the Eaton's Centre side, as discussed in Section 2.3 of this report.
4. THAT Council request BCRTC to make the passarelle connecting Eaton's Centre to Metrotown Station wheelchair accessible by constructing an elevator from ground level to the mezzanine level on the Metrotown Station side.
5. THAT Council request BC Transit to operate the accessible bus program as a supplement to Handydart; to provide assurances that Handydart service will continue to be expanded to meet future demand.
6. THAT Council request BC Transit to establish procedures to ensure that disabled passengers are not stranded at bus stops or left without accessible transit service due to overcrowded buses, mechanical breakdowns, scheduling delays/changes or other circumstances.

7. THAT Council request BC Transit to monitor and adjust the accessible bus program in consultation with the disabled community to ensure that the needs of disabled passengers using, or attempting to use, the service are met. An advisory group including representation from the disabled community should be established to provide an ongoing dialogue with BC Transit.

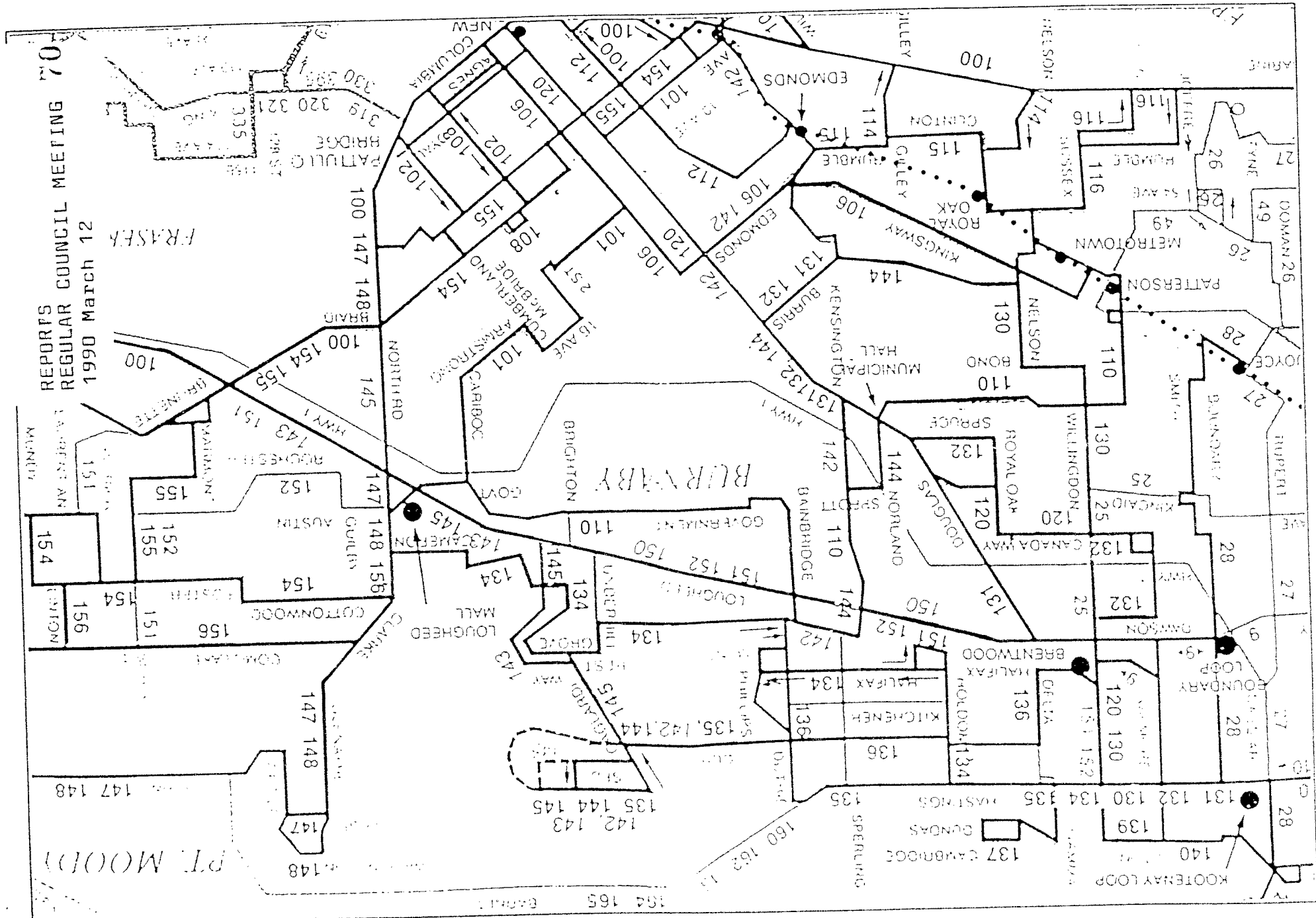
8. THAT Council forward a copy of this report to BC Transit and the BC Rapid Transit Company.

Respectfully submitted,

Alderman Jim Young,
Chairman

Alderman R.G. Begin,
Member

Alderman L.A. Rankin,
Member



REPORTS
REGULAR COUNCIL MEETING
1990 March 21

PT. MOOD

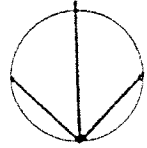


EXISTING
TRANSIT ROUTES
THROUGH BURNABY

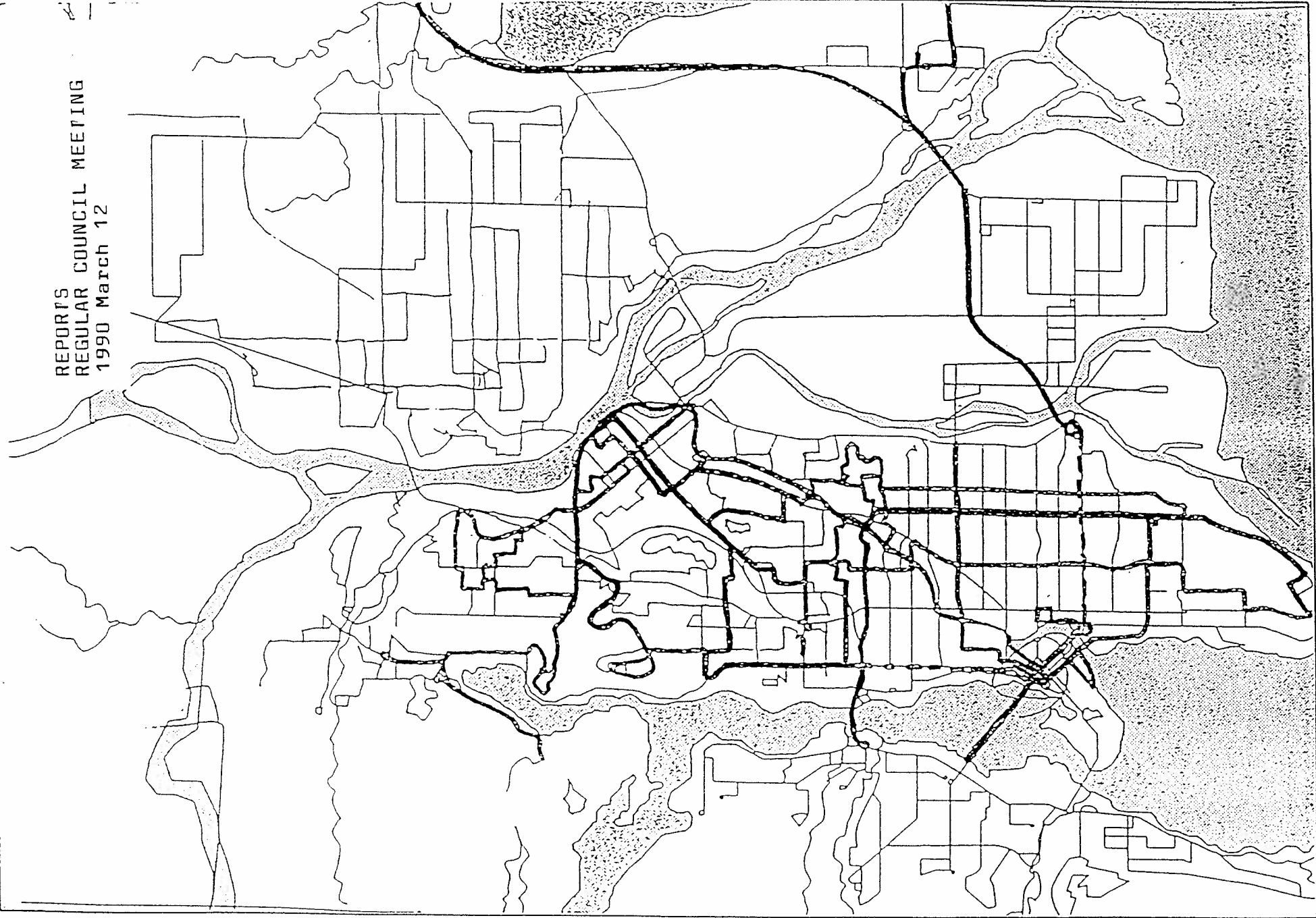
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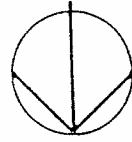


REPORTS
REGULAR COUNCIL MEETING
1990 March 12



MUNICIPALITY OF
BURNABY

Planning &
Building Inspection
Department



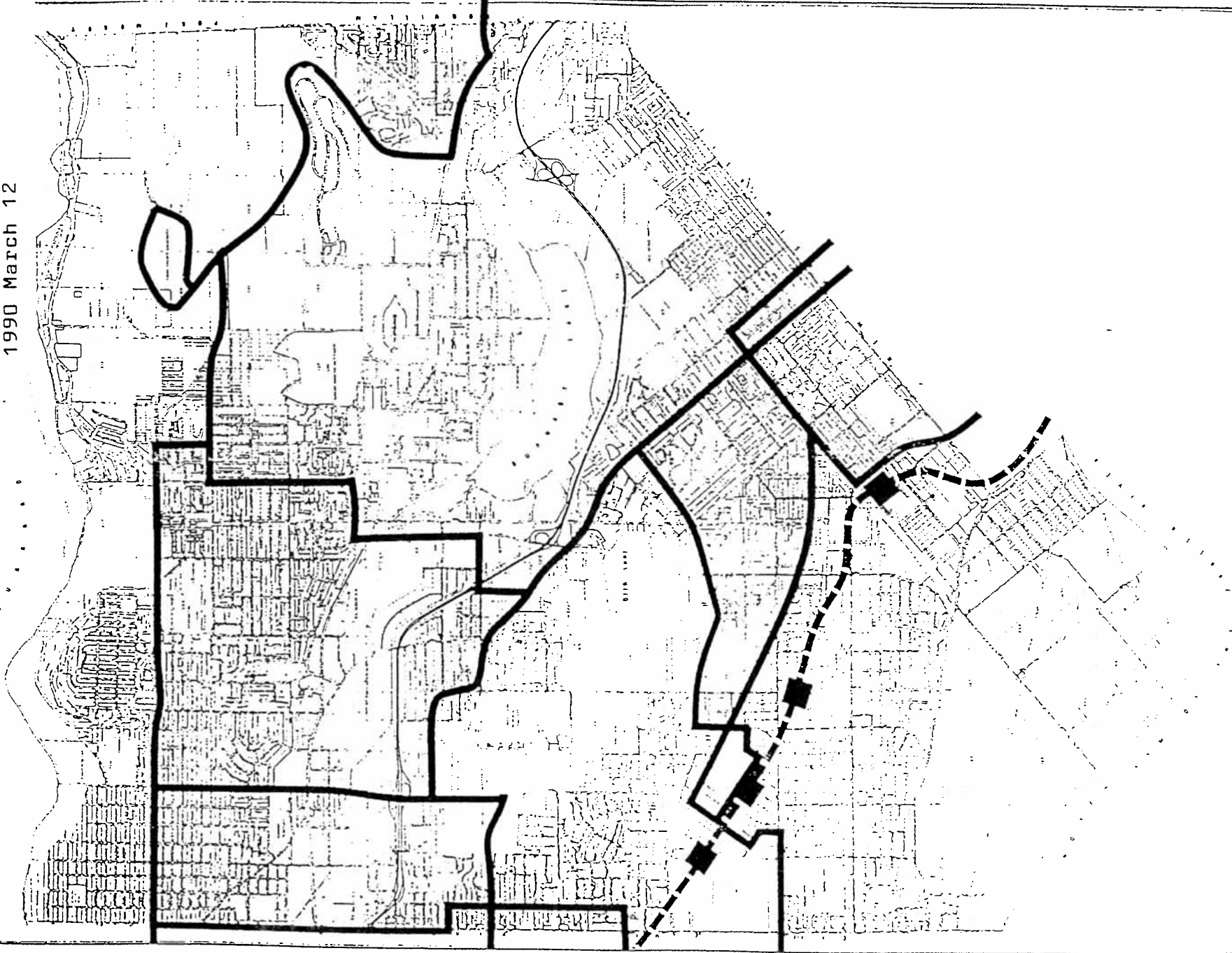
PROPOSED
WHEELCHAIR ACCESSIBLE
BUS ROUTES
- LOWER MAINLAND

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REPORTS
REGULAR COUNCIL MEETING
1990 March 12



BURNABY PLANNING DEPARTMENT



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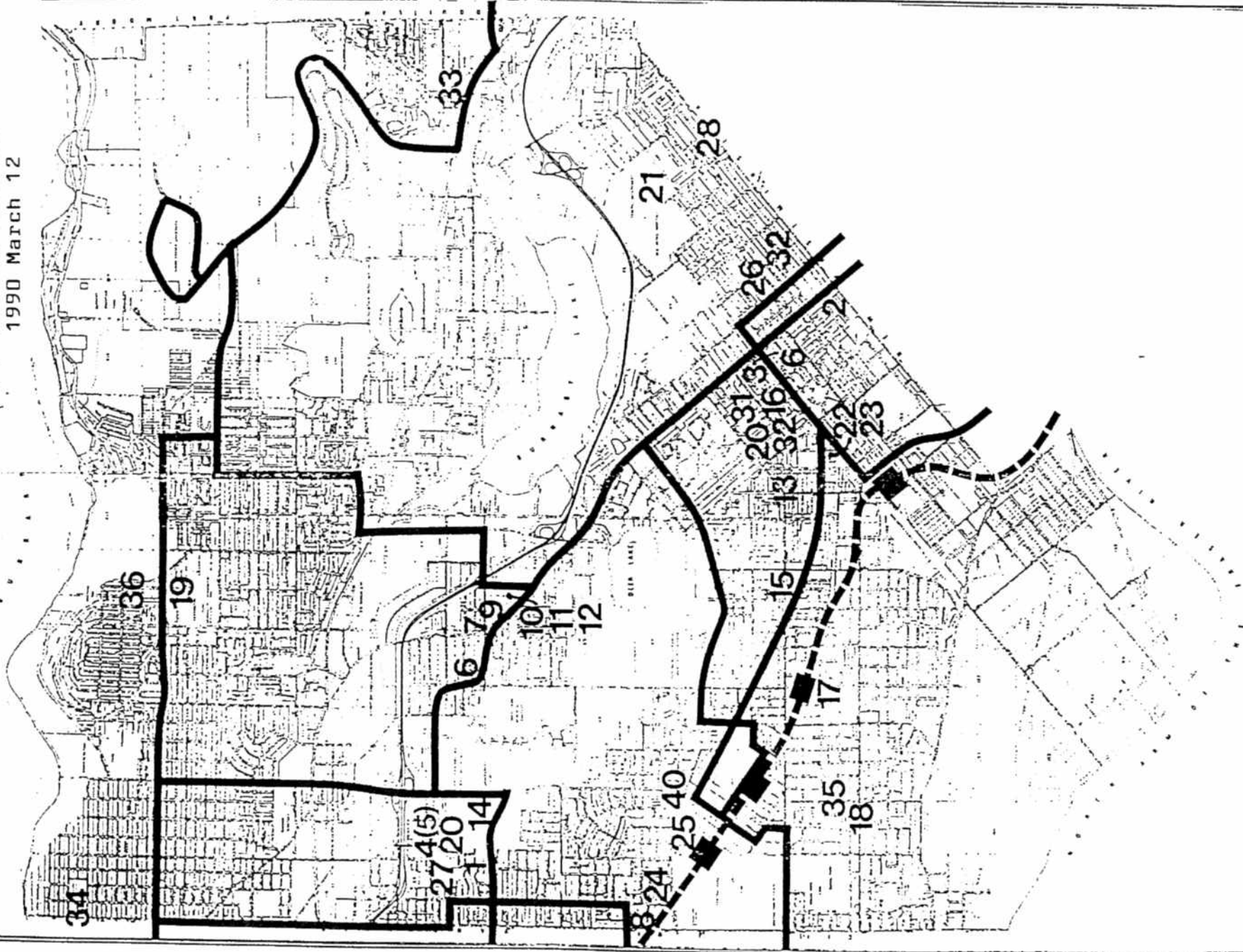
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PROPOSED
WHEELCHAIR ACCESSIBLE
TRANSIT ROUTES
THROUGH BURNABY

 BUS ROUTES

 SKYTRAIN LINE

REPORTS
REGULAR COUNCIL MEETING
1990 March 12



BURNABY PLANNING DEPARTMENT



THE CORPORATION OF
BURNABY
Planning &
Building Inspection
Department

SENIORS' HOUSING

Date:
1990 FEB

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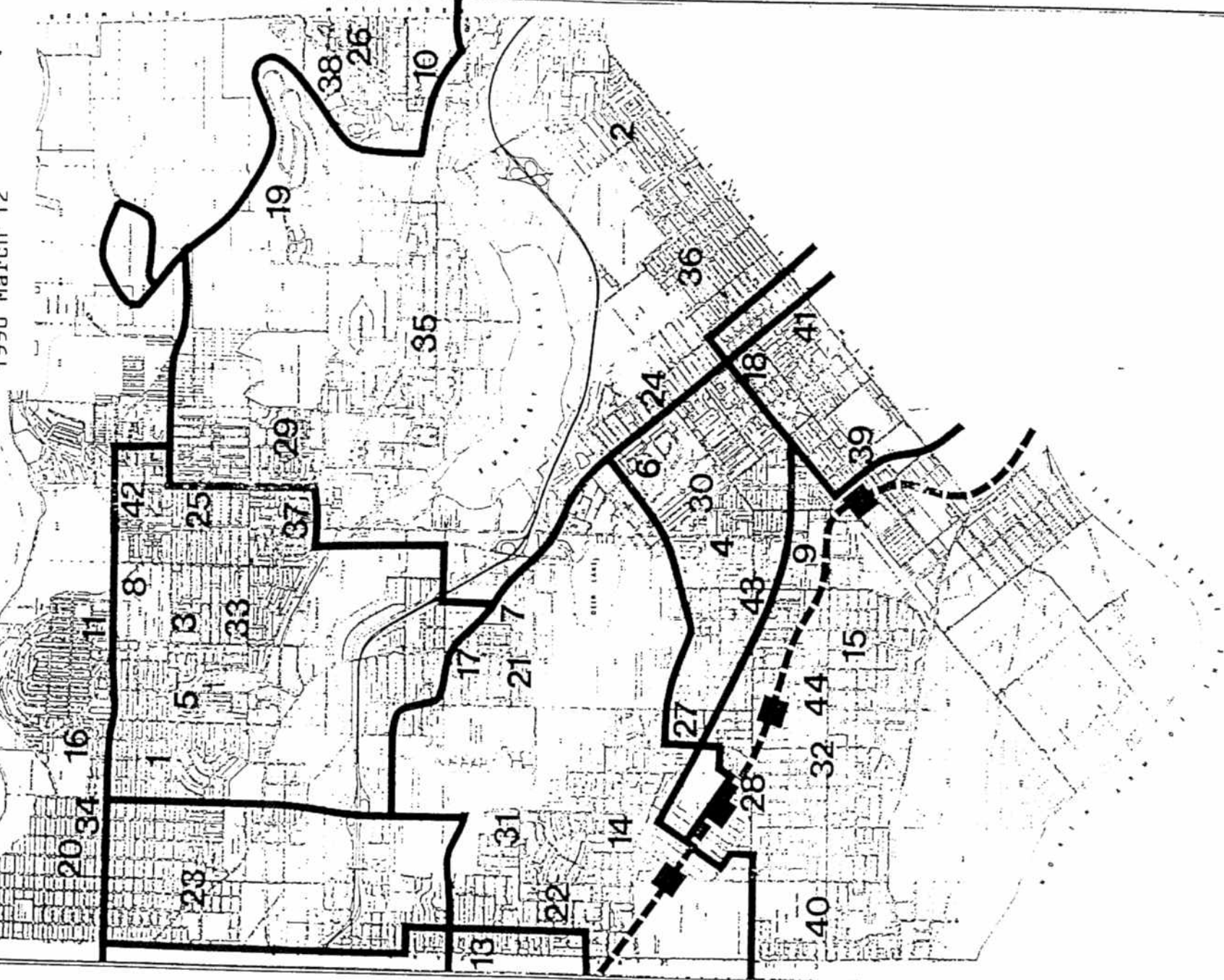
SENIORS' HOUSING

DEVELOPMENT NAME

ADDRESS

1.	Burnaby Hospital E/C Unit	3935 Kincaid Street
2.	Braimaire Park Lodge	7837 Canada Way
3.	Canada Way Lodge	7195 Canada Way
4.	Carlton Lodge	4125 Canada Way
5.	Carlton Private Hospital	4125 Canada Way
6.	Canada Way Care Centre	7195 Canada Way
7.	Cedar Park Apartments	5870 Sunset Street
8.	Central Park Manor	3730 Burke Street
9.	Chelsea Terrace	5895 Kincaid Street
10.	Dania Home	4279 Norland Avenue
11.	Dania Lodge	4215 Norland Avenue
12.	Dania Manor	4155 Norland Avenue
13.	Deer Lake Private Hospital	6907 Elwell Street
14.	Dogwood Lodge	3755 Willingdon
15.	Doug Drummond Manor	6077 Kingsway
16.	Ernie Winch Tower	7216 Mary Avenue
17.	Elizabeth Rest Home	5090 Victory Street
18.	Fairhaven Rest Home	4341 Rumble Street
19.	Fellburn Private Hospital	6050 Hastings Street
20.	Finnish Manor	3460 Kalyk Avenue
21.	George Derby Centre	7502 Cumberland Avenue
22.	Hall Tower I	7272 Kingsway
23.	Hall Tower II	7264 Kingsway
24.	Kingsway Court	5560 Inman Avenue
25.	Kingsway Manor	4289 Kingsway
26.	Lambert House	7581 Fourth Street
27.	Laurelynn Place	3896 Laurel Street
28.	New Vista - 11th	8234 Eleventh Avenue
29.	New Vista - Holly	7520 Holly Street
30.	Douglas Manor	7530 Rosewood Street
31.	New Vista Care Home	7550 Rosewood Street
32.	Normanna Rest Home	7979 Twelfth Avenue
33.	Salishan Lodge	9210 Salish Court
34.	Seton Villa	3755 McGill Street
35.	St. Michaels Centre	7451 Sussex Avenue
36.	Stratford Garden	6005 Pandora Street
37.	Swedish Canadian Manor	1812 Duthie Avenue
38.	Swedish Canada Rest Home	1800 Duthie Avenue
39.	Vista Tower	7210 Mary Avenue
40.	Willingdon Private Home	4435 Grange Street

REPORTS
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BURNABY PLANNING DEPARTMENT

 **BURNABY**
Planning &
Building Inspection
Department

EDUCATIONAL CENTRES

Date:
1990 FEB

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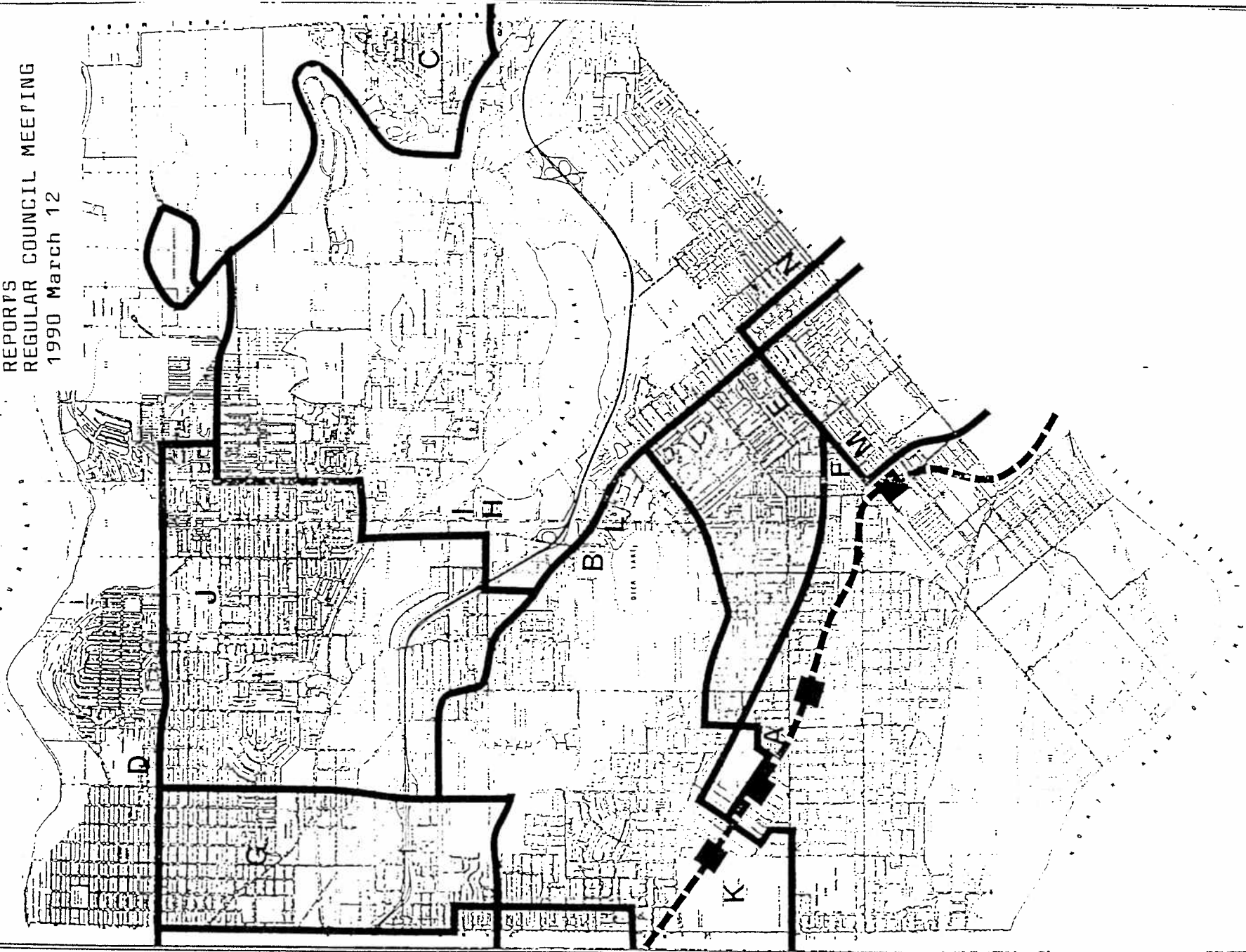
EDUCATIONAL CENTRES

NAME

ADDRESS

1. Alpha Secondary	4600 Parker Avenue
2. Armstrong Elementary	8757 Armstrong Avenue
3. Aubrey Elementary	1075 Stratford Avenue
4. Brantford Elementary	6512 Brantford Avenue
5. Brentwood Park Elementary	1455 Delta Avenue
6. Buckingham Elementary	6066 Buckingham Drive
7. Burnaby Central Secondary	4939 Canada Way
8. Burnaby North Secondary	751 Hammarskjold Drive
9. Burnaby South Secondary	6626 Kingsway
10. Cameron Road Elementary	9540 Erickson Drive
11. Capitol Hill Elementary	350 S. Holdom Avenue
12. Cariboo Hill Secondary	8580 - 16th Avenue
13. Cascade Heights Elementary	4343 Smith Avenue
14. Chaffey-Burke Elementary	4404 Sardis
15. Clinton Elementary	5858 Clinton Street
16. Confederation Park Elementary	4715 Pandora
17. Douglas Elementary	4861 Canada Way
18. Edmonds Elementary School	7651 - 18th Avenue
19. Forest Grove Elementary	8525 Forest Grove
20. Gilmore Avenue Community School	50 Gilmore Avenue
21. Gilpin School	5490 Eglinton Street
22. Inman Elementary	3963 Brandon Street
23. Kitchener Elementary	1351 Gilmore Avenue
24. Lakeview Elementary	7777 Mayfield Street
25. Lochdale Community School	6990 Aubrey Street
26. Lyndhurst Elementary	9847 Lyndhurst Street
27. Marlborough Elementary	6060 Marlborough Avenue
28. Maywood Elementary	4567 Imperial Street
29. Montecito School	2176 Duthie Avenue
30. Morley Street Elementary	7355 Morley
31. Moscrop Secondary	4433 Moscrop Street
32. Nelson Elementary	4850 Irmin Street
33. Parkcrest Elementary	6055 Halifax Street
34. Rosser Elementary	4375 Pandora
35. Seaforth Elementary	7881 Government Street
36. Second Street Community School	7502 - 2nd Avenue
37. Sperling Avenue Elementary	2200 Sperling Avenue
38. Stoney Creek Community School	2740 Beaverbrook Crescent
39. Stride Community School	7014 Stride Avenue
40. Suncrest Elementary	3883 Rumble Street
41. Twelfth Avenue Elementary	7622 - 12th Avenue
42. Westridge Elementary	510 Duncan Avenue
43. Windsor Elementary	6166 Imperial Street
44. Burnaby South 2000 (proposed)	Rumble Street

REPORTS
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BURNABY PLANNING DEPARTMENT



Date:
1990 FEB

Scale:

RECREATIONAL
CENTRES

Drawn By:
REN

77 14
ATTACHMENT 6

RECREATIONAL CENTRES

78

<u>NAME</u>	<u>ADDRESS</u>
A. Bonsor Recreation Complex	6550 Bonsor Avenue
B. Burnaby Arts Centre	6450 Gilpin Street
C. Cameron Recreation Centre	9523 Cameron Street
D. Confederation Community Ctr. for the Retired	4585 Albert Street
E. Eastburn Community Centre	7435 Edmonds Street
F. Edmonds Community Centre for the Retired	7282 Kingsway
G. Willingdon Heights Community Centre	1491 Carleton Avenue
H. C.G. Brown Pool	3702 Kensington Avenue
I. Burnaby Lake Arena	3676 Kensington Avenue
J. Kensington Park Arena	6159 Curtis Street
K. Central Park	Kingsway & Boundary
L. Burnaby Village Museum	6501 Deer Lake Avenue
M. Edmonds Coop	7220 Edmonds
N. Church of the Nazarene	8090 Eleventh Avenue

DETAILED ROUTING INFORMATION

Proposed Routes in Burnaby

25 Brentwood/UBC

From Brentwood Exchange via Halifax, Willingdon, Sanderson Way, Kincaid, Boundary, 22nd Ave., Nanaimo Station, Kingsway, King Edward, Dunbar, 16th Ave., Blanca, 10th Ave., University Way to UBC.

28 Phibbs Exchange/Joyce Station

From Phibbs Exchange via Mountain Hwy., Main, 2nd Narrows Bridge, Cassiar, Hastings, Boundary, Laurel, Smith, Sunset, Ingleton, Kincaid, Smith, Burke, Boundary, Vanness to Joyce Station.

49 Metrotown Station/UBC

From Metrotown Station via Central Blvd., Willingdon, Maywood, McKay, Imperial, 49th Ave., Tyne, 54th Ave., Kerr, 49th Ave., S.W. Marine, Dunbar Loop to UBC.

106 New Westminster Station/Metrotown Station

From New Westminster Station via 8th St., Columbia, Elliot, Agnes, 6th St., Edmonds, 19th St. to Edmonds Station, 18th Ave., 19th St., Edmonds, Kingsway, McKay, Central Blvd. to Metrotown Station.

112 New Westminster Station/Edmonds Station

From New Westminster Station via Columbia, 12th St., Kingsway, 14th Ave., 19th St. to Edmonds Station.

120 New Westminster Station/Vancouver

From New Westminster Station via 8th St., Columbia, McNeely, Carnarvon, 8th St., Canada Way, Willingdon to Brentwood, Hastings, Burrard, Dunsmuir, Melville to Thurlow.

135 SFU/Kootenay Loop

From Simon Fraser University via SFU Hwy., Gagliardi Way, Curtis, Duthie, Ridge, Inlet, Hastings to Kootenay Loop.

144 SFU/Metrotown Station

From Simon Fraser University via SFU Hwy., Curtis, Sperling, Broadway, Broadway Connector, Kensington, Sproutt, Norland, Canada Way, Deer Lake Place to Municipal Hall and return to Canada Way, Burris, Oakland, Dover, Nelson, Bennett, Bonsor, Central Blvd. to Metrotown Station.

145 SFU/Lougheed Mall

From Simon Fraser University via SFU Hwy., Gagliardi Way, Lougheed Hwy., Austin to Lougheed Mall.

ATTACHMENT 9

80

25 RANKED ROUTES

<u>Route</u>	<u>Rank</u>
#22 Knight/MacDonald	1
Burnaby #106 New Westminster Station/Metrotown Station	2
Burnaby #25 Brentwood/Blanca	3
#50 Gastown/False Creek	4
#41 Joyce Station/UBC	5
Burnaby #49 Metrotown Station/Dunbar Loop	6
#1 Gastown/Beach	7
Burnaby #120 New Westminster Station/Vancouver	8
#147 Coquitlam Centre/New Westminster Station	9
#148 Ioco/New Westminster Station	10
#155 22nd Street Station/Coquitlam Recreation Centre	11
#239 Capilano College/Park Royal	12
#250 Horseshoe Bay/Vancouver	13
Burnaby #144 SFU/Metrotown Station	14
Burnaby #112 New Westminster Station/Edmonds Station	15
Burnaby #28 Phibbs Exchange/Joyce Station	16
#351 Crescent Beach/Vancouver	17
#154 22nd Street Station/Lougheed	18
Burnaby #130 Metrotown Station/Kootenay Loop	19
#27 Kootenay Loop/Joyce Station	20
#401 One Road/Vancouver	21
#100 Port Coquitlam/Airport	22
Burnaby #151 Port Coquitlam Centre/Vancouver	23
#406 Railway/Vancouver	24
#26 Joyce Station/29th Avenue Station	25

ATTACHMENT 10

PROPOSED ROUTES - LOWER MAINLAND - PHASE I

Route

Burnaby

- #25 Brentwood/Blairca
- #28 Phibbs Exchange/Joyce Station
- #49 Metrotown Station/Dunbar Loop
- #106 New Westminster Station/Metrotown Station
- #112 New Westminster Station/Edmonds Station
- #120 New Westminster Station/Vancouver
- #135 SFU/Kootenay Loop
- #144 SFU/Metrotown Station
- #145 Lougheed Mall/SFU

Vancouver

- #1 Gastown/Beach
- #22 Knight/MacDonald
- #26 Joyce Station/29th Avenue Station
- #27 Kootenay Loop/Joyce Station
- #29 29th Street Station/Elliott
- #41 Joyce Station/UBC
- #50 Gastown/False Creek
- #154 22nd Street Station/Lougheed
- #239 Capilano College/Park Royal
- #250 Horseshoe Bay/Vancouver
- #351 Crescent Beach/Vancouver
- #406 Railway/Vancouver
- #601 South Delta/Vancouver

Coquitlam

- #147 Coquitlam Centre/New Westminster Station
- #148 Ioco/New Westminster Station
- #155 22nd Street Station/Coquitlam Recreation Centre

Note:

Routes

- 130 Metrotown Station/Kootenay Loop,
- 401 One Road/Vancouver,
- 100 Port Coquitlam/Airport and
- 151 Port Coquitlam Centre/Vancouver

which ranked in the top 25 routes in BC Transits evaluation were replaced by routes

- 601 South Delta/Vancouver,
- 29 29th Street Station/Elliott,
- 135 SFU/Kootenay Loop and
- 145 Lougheed Mall/SFU.

Routes number 130, 401, 100 and 151 were removed from the list of proposed routes by BC Transit due to scheduling considerations.

The four replacement routes were selected using the evaluation criteria and to provide for connections between the top ranked routes.

