

ITEM	19
MANAGER'S REPORT NO.	73
COUNCIL MEETING	93/12/13

TO: CITY MANAGER 1993 DECEMBER 08

FROM: DIRECTOR PLANNING AND BUILDING OUR FILE: 11.720.1

SUBJECT: APPLICATION FOR ASSISTANCE  
 B.C. HYDRO BEAUTIFICATION FUND  
 UNDERGROUND WIRING

PURPOSE: To outline the status of Burnaby's application to B.C. Hydro for underground wiring assistance and to seek Council authorization for the City share of costs for the proposed projects on Patterson Avenue and Elgin Place.

**RECOMMENDATIONS:**

1. THAT Council bring down a bylaw to appropriate \$171,000 from Capital Reserves to fund the City's share of costs to remove overhead lines on Patterson Avenue as outlined in this report.
2. THAT Council bring down a bylaw to appropriate \$30,000 from Capital Reserves to fund the City's share of costs to remove overhead lines on Elgin Place as outlined in this report.

**R E P O R T**

**1.0 BACKGROUND**

On 1993 August 23, Council authorized staff to apply to the 1994 B.C. Hydro Beautification program for one-third (1/3) cost sharing assistance for the removal of overhead power lines on portions of Patterson Avenue, Willingdon Avenue, and Halston Court/Cardston Street. Elsewhere on the Agenda is a tabled report (Manager's Item 21, Report No. 70, 1993 November 29) recommending that the undergrounding of existing overhead wiring on Elgin Place also be considered for inclusion as a cost-shared expenditure under the 1994 B.C. Hydro Beautification program.

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B.C. Hydro has provided the following cost estimates for Burnaby's projects:

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|----|--|----------------------|
| 1. | Patterson Avenue from<br>Maywood Street to Imperial Street | \$322,500 to 394,000 |
| 2. | Willingdon Avenue from<br>Hastings Street to Eton Street   | \$567,000 to 693,000 |
| 3. | Halston/Cardston/Government<br>Road Lines                  | \$585,000 to 715,000 |
| 4. | Elgin Place  | \$31,985             |

In conjunction with the B.C. Hydro component, B.C. Tel will fund one-third of the cost to underground overhead telephone lines related to approved beautification projects. The City is required to fund the balance (2/3).

B.C. Hydro requires that funding for the City's two-third (2/3) share of project costs be confirmed by 1993 December 20 in order that Burnaby's projects can be submitted to B.C. Hydro's Board of Directors for approval and budgeting. B.C. Hydro has advised that a decision will be made on our application by 1994 January 31.

## 2.0 PROPOSED 1994 PROJECTS

For 1994, it is proposed that Burnaby pursue two projects based on a total cost which is considered reasonable within the City's present budget capabilities. A similar approach based on costs was successfully taken in previous years and B.C. Hydro has agreed to consider our current application on this basis.

It is proposed that the removal of overhead lines on Patterson Avenue, from Maywood Street to approximately Willingdon Avenue be pursued as our first priority project. This is effectively an extension to previous undergrounding projects on Patterson Avenue (adjacent Central Park) where to date overhead wires have been removed between Kingsway and Mayberry Street. The overhead wires between Mayberry Street and Maywood Street are to be removed under the current 1993 beautification program. The proposed project for 1994 will provide for the undergrounding of overhead lines for a further one block distance (approx. 200 m) south toward Imperial Street.

The second project proposed is the undergrounding of overhead wires on Elgin Place as outlined in the Manager's Item 21, Report No. 70, 1993 November 29, and currently tabled. If Council approves this project and cost-sharing is subsequently approved by B.C. Hydro, then the City is required to arrange for a statutory right-of-way area to accommodate a low profile transformer on private property at 5995 Elgin Place as requested by B.C. Hydro. Also, as noted in the tabled report, the local distribution lines on Elgin Place could be undergrounded at this time but the existing poles would have to remain in instances where a private property owner elects not to convert to an underground service connection to the dwelling. Furthermore, the existing hydro pole supporting a lease lamp fixture on Elgin Place would not be removed at this time.

**3.0 PROJECT COSTS AND FUNDING**

Project costs and City of Burnaby funds required for the two proposed projects are outlined below based on estimates provided by B.C. Hydro and B.C. Tel:

1) **PATTERSON AVENUE (Maywood Street to Willingdon Avenue)**

Total hydro lines component	\$210,200	
B.C. Hydro contribution (1/3 total)	70,067	
City of Burnaby contribution (2/3 total)		\$140,133
Total telephone lines component	16,800	
B.C. Tel contribution (1/3 total)	5,600	
City of Burnaby contribution (2/3 total)		11,200
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Sub-Total (City of Burnaby contributions)		\$151,333
Add: 10% contingency		15,133
3% GST		4,540
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City of Burnaby Funds Required (Patterson Avenue Project)		\$171,006
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 B.C. HYDRO BEAUTIFICATION PROGRAM  
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2) **ELGIN PLACE**

Total hydro lines component	\$31,985	
B.C. Hydro contribution (1/3 total)	10,662	
City of Burnaby contribution (2/3 total)		\$21,323
Total telephone lines component	7,226	
B.C. Tel contribution (1/3 total)	2,408	
City of Burnaby contribution (2/3 total)		4,818
Sub-Total (City of Burnaby contributions)		\$26,141
Add: 10% contingency		2,614
3% GST		784
City of Burnaby Funds Required (Elgin Place project)		<u>\$29,539</u>

Based on these estimates, the total funds required from the City of Burnaby to undertake the two projects in 1994 is \$200,545. Funding of \$200,000 has been provided in the 1994 Underground Wiring section of the Land Assembly and Development component of the 1993-1997 Capital Program. With Council approval, this amount will be adjusted to reflect the estimated projects costs and will be included in the 1994-1998 Capital Budget process.

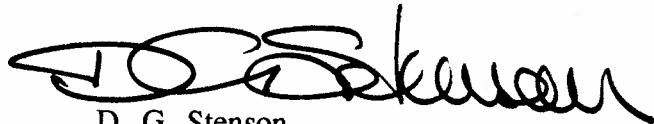
Council authority to commit the budgeted funds is necessary at this time in order to pursue the cost-sharing commitment from B.C. Hydro under the terms of the B.C. Hydro Beautification Program. If Burnaby is successful in this application, the work would be required to be completed by 1995 March 31. No funds will be expended in 1993.

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#### 4.0 CONCLUSION

The removal of overhead utility lines is considered to be a desirable and worthwhile endeavour for the City of Burnaby to pursue jointly with B.C. Hydro and B.C. Tel through the B.C. Hydro Beautification program.

It is recommended that Council bring down a bylaw to appropriate \$171,000 from Capital Reserves to fund the City's share of costs to remove overhead lines on Patterson Avenue and that Council bring down a bylaw to appropriate \$30,000 from Capital Reserves to fund the City's share of costs to remove overhead lines on Elgin Place as outlined in this report.



D. G. Stenson  
Director  
Planning and Building

KR:lf

cc: Director Engineering  
Director Finance

