

ITEM	9
MANAGER'S REPORT NO.	62
COUNCIL MEETING	94/11/07

TO: CITY MANAGER 1994 November 03

FROM: DIRECTOR PLANNING AND BUILDING OUR FILE: 11.160.1

SUBJECT: APPLICATION FOR ASSISTANCE  
 B.C. HYDRO BEAUTIFICATION PROGRAM  
 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, Elgin Place, and the Hastings Street lane.

**RECOMMENDATIONS:**

1. THAT projects on Patterson Avenue, Elgin Place, and the Hastings Street Lane be given priority in Burnaby's application to the 1995 B.C. Hydro Beautification Program as outlined in this report.
2. THAT Council bring down a bylaw to appropriate \$320,000 from Capital Reserves to fund the City's share of costs to remove overhead lines on Patterson Avenue (Willingdon Avenue to Imperial Street) and on the Hastings Street Lane (south of 4000 block).

**R E P O R T**

**1.0 BACKGROUND**

On 1994 September 26, Council authorized staff to apply to the 1995 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, Elgin Place, Hastings Street lanes (north of 4100 block, south of 4000 block), Willingdon Avenue, and Halston Court/Cardston Street.

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

1.	Patterson Avenue (from Willingdon Avenue to Imperial Street) . .	\$ 210,000
2.	Elgin Place . . . . .	35,000
3.	Hastings Street Lane (south of 4000 block) . . .	180,000
4.	Hastings Street Lane (north of 4100 block) . . .	150,000
5.	Willingdon Avenue (from Hastings Street to Eton Street) . . . . .	693,000
6.	Halston Court/Cardston Street . . . . .	715,000

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-thirds (2/3) share of project costs be confirmed by Council at this time in order that Burnaby's projects can be submitted to B.C. Hydro's Board of Directors in 1995 January for final consideration of funding under the terms of the Beautification Program. If Burnaby is successful in this application, the work would be required to be completed by 1996 March 31. No funds will be expended in 1994.

**2.0 PROPOSED 1995 PROJECTS**

For 1995, it is proposed that Burnaby pursue three projects based on a total cost which is considered reasonable within the City's present budget capabilities. B.C. Hydro has agreed to consider our current application on this basis. The three projects to be given priority are Patterson Avenue, Elgin Place, and the Hastings Street lane south of the 4000 block.

The removal of overhead wiring on Patterson Avenue, from Willingdon to Imperial, is effectively the completion of previous undergrounding projects pursued over a number of years on Patterson adjacent to Central Park. The proposed project for 1995 is approximately 175 m in length and will provide for the final one block section of undergrounding to complete the overall project between Kingsway and the south side of Imperial. This final section is at a highly visible location along Willingdon Avenue to the intersection with Imperial Street.

The removal of overhead wiring on Elgin Place (approximately 125 m length) is proposed for resubmission to B.C. Hydro for the 1995 program. This project was initiated by area residents who have agreed (with the exception of one resident) to participate in the project by undergrounding the service connections from the street to their dwellings at their own cost. This project was submitted to the Beautification program last year but did not receive funding from B.C. Hydro at that time.

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If the current application for cost-sharing on Elgin Place is 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. While the local distribution lines on Elgin Place could be undergrounded at this time, 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.

The removal of overhead wiring in the lane south of the 4000 block Hastings Street (between MacDonald and Gilmore) is proposed as a pilot project for lane improvements in conjunction with the Hastings Street Revitalization Project. The Revitalization Project includes provision for enhancing and promoting pedestrian use of the lanes along Hastings Street. In addition to the removal of overhead wiring, other improvements being considered include pedestrian lighting, tree planting, decorative walkway paving, and standardized screening fences (for garbage bins, storage areas, parking areas). If the underground wiring component of this proposed pilot project is approved for cost-sharing by B.C. Hydro, then staff will submit a further report to Council outlining a plan and costs to implement other appropriate related lane improvements for this location.

### 3.0 PROJECT COSTS

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

#### 3.1 PATTERSON AVENUE (Willingdon Avenue to Imperial Street)

Total hydro lines component	\$ 210,000	
B.C. Hydro contribution (1/3 total)	70,000	
City of Burnaby contribution (2/3 total)		\$ 140,000
Total telephone lines component	9,800	
B.C. Tel contribution (1/3 total)	3,267	
City of Burnaby contribution (2/3 total)		6,533
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Sub Total (City of Burnaby contributions)		146,533
Add: 10% contingency		14,653
3% GST		4,396
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City of Burnaby Funds Required (Patterson Avenue project)		\$ 165,582

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**3.2 ELGIN PLACE**

Total hydro lines component	\$ 35,000	
B.C. Hydro contribution (1/3 total)	11,667	
City of Burnaby contribution (2/3 total)		\$ 23,333
Total telephone lines component	8,400	
B.C. Tel contribution (1/3 total)	2,800	
City of Burnaby contribution (2/3 total)		5,600
Sub Total (City of Burnaby contributions)		28,933
Add: 3% GST		868
City of Burnaby Funds Required (Elgin Place project)		\$ 29,801

**3.3 HASTINGS STREET LANE (south of 4000 block)**

Total hydro lines component	\$ 180,000	
B.C. Hydro contribution (1/3 total)	60,000	
City of Burnaby contribution (2/3 total)		\$ 120,000
Total Telephone lines component	24,200	
B.C. Tel contribution (1/3 total)	8,067	
City of Burnaby contribution (2/3 total)		16,133
Sub Total (City of Burnaby contributions)		\$ 136,133
Add: 10% contingency		13,613
3% GST		4,084
City of Burnaby Funds Required (Hastings Street Lane Project)		\$ 153,830

#### 4.0 FINANCING

A bylaw to appropriate \$30,000 to fund the City's share of costs to remove overhead lines on Elgin Place was given final adoption by Council on 1994 February 07.

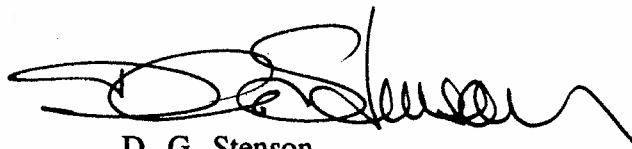
Sufficient Capital Reserves are available and \$230,000 has been provided in the 1995 Land Assembly and Development component of the 1994-1998 Capital Program. With Council approval this budget will be increased to \$350,000 in the 1995-1999 Capital Program.

#### 5.0 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 the proposed projects on Patterson Avenue, Elgin Place and the Hastings Street Lane be given priority in Burnaby's current application to B.C. Hydro.

Funding for the Elgin Place project is in place and it is recommended that Council bring down a bylaw to appropriate \$320,000 from Capital Reserves to fund the City's share of costs for the projects on Patterson Avenue and the Hastings Street Lane.



D. G. Stenson  
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KR:lf

cc: Director Engineering  
Director Finance

