

TO: CHAIR AND MEMBERS
FINANCIAL MANAGEMENT COMMITTEE

DATE: 2018 Jan 10

FROM: DIRECTOR PUBLIC SAFETY &
COMMUNITY SERVICES

FILE: 42000-01

SUBJECT: DEER LAKE RENOVATION PROJECTS CAPITAL FUNDING
REQUEST

PURPOSE: To request a Capital Reserve Fund Bylaw to finance the capital projects identified in this report.

RECOMMENDATION:

1. **THAT** the Financial Management Committee recommend Council authorize the City Solicitor to bring forward a Capital Reserve Fund Bylaw in the amount of \$210,000 to finance the projects as outlined in this report.

REPORT**Deer Lake Building Access Upgrades - 2nd Phase (CAX.0018) \$110,000 (Estimated)**

This project will replace the three remaining main floor glass swing doors with sliding glass doors to enhance handicap accessibility to the complex. It also improves the ease of access for parents who are trying to maneuver into the building with strollers. Engineering design (including electrical), and replacement of three heavy glass swing doors with three sliding glass doors with motion sensor activation and access card reader functionality. The 2018 project budget is \$110,000.

The Deer Lake Building Access Upgrades - 2nd Phase project is aligned with the City of Burnaby's Corporate Strategic Plan by supporting the following goal and sub-goal of the Plan.

Goal – A Dynamic Community

- Sub Goal – City Facilities and Infrastructure

Deer Lake Repair/Replacement of Cables & Drainage (CAX.0024) \$100,000 (Estimated)

The concrete slabs which separate the floors in both Deer Lake I and II are reinforced with an extruded post tension (P/T) cable system. These cables criss-cross through the concrete slabs and around the columns to support the floor above. The cables are comprised of many strands of wire and the cables themselves are stretched and held under tremendous pressure. If the strands in the cables become compromised or deteriorated, they could cause the cable to fail. Read Jones Christoffersen Ltd.(structural engineers), has actively assessed the cables to ensure their integrity over the years. Hatches are cut (covers installed) and tests are done to determine if strands within the cables are defective or tension deficient. If a certain number of defective strands are identified, the strands must

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be replaced. This is highly specialized engineering work will ensure the structural integrity of Deer Lake Centre. Cable failure can have catastrophic results including floor collapse and potential loss of life. It is the landlord's responsibility to ensure the structural integrity of the buildings is protected. The 2018 project budget is \$100,000.

The Deer Lake Repair/Replacement of Cables & Drainage project is aligned with the City of Burnaby's Corporate Strategic Plan by supporting the following goal and sub-goal of the Plan.

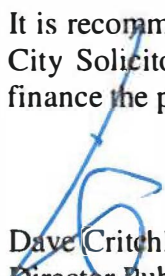
Goal – A Dynamic Community

- Sub Goal – City Facilities and Infrastructure

These expenditures will be included in the 2018 – 2022 Provisional Financial Plan and sufficient Capital Reserve funds are available to finance the capital projects outlined in this report.

RECOMMENDATION

It is recommended that the Financial Management Committee recommend Council authorize the City Solicitor to bring forward a Capital Reserve Fund Bylaw in the amount of \$210,000 to finance the projects as outlined in this report.



Dave Critchley
Director Public Safety and Community Services

DC/ch

Copied to: City Manger
Director Finance
City Solicitor