

TO: CITY MANAGER **DATE:** 1999 SEPTEMBER 15

FROM: DIRECTOR PARKS, RECREATION & CULTURAL SERVICES

**SUBJECT: YEAR 2000 BURNABY: MILLENNIUM CAPITAL PROJECT:
CONCERT BOWL AT DEER LAKE PARK**

PURPOSE: To seek Council approval for the development of the Deer Lake Park Concert Bowl as the major Year 2000 Burnaby millennium capital legacy project.

RECOMMENDATIONS:

1. THAT Council approve the development of the Deer Lake Park concert bowl as the Year 2000 Burnaby millennium capital legacy project for completion by 2000 July 15.

2. THAT Council bring forward a Capital Reserves Expenditure Bylaw in the amount of \$267,700 (inclusive of 7% GST) for the detailed design work.

REPORT

At the regular meeting held on 1999 September 13, Council received the attached report and referred same back to staff to respond to questions and concerns raised by Council members.

Staff have reviewed the questions and provide the following responses for the information of Council. It is important to acknowledge that the capital project information provided to date is based on concept planning rather than detailed design. The elements of the project and the general approach to creating the project have been presented with the assistance of a professional consultant team. Several meetings with the Executive Committee have occurred in the process. The detailed design process, once approved, will provide the level of specifics requested in some of the following questions:

1. *Q.: Is there further information with respect to studies of the bird and aquatic habitat along the south shore, particularly on the impact of electrified music on nearby residents and wildlife?*

A.: There has been no specific research done on the impact of sound on bird and aquatic wildlife in this area and there is little general reference material on the subject. Musical performances in Deer Lake Park are subject to the City of Burnaby sound bylaw requirements where allowable sound limits are reduced between 10PM and 7AM. New sound amplification technology allows for sound to be directed toward the audiences with satellite speaker systems thus reducing needed volumes. It is proposed that events which produce amplified music would be infrequent, and would not be continuous, thus reducing environmental impact. Programming the venue could take into account the nesting season to further reduce concerns. The site has been used in the past for events with little evidence of problems. Future programming will prefer family-oriented popular musical styles and symphonic music.

2. Q.: *Is there adequate parking for large scale events?*

A.: Currently there are about 1,100 public parking stalls within a three block area for evening and weekend special event use. This is seen to be adequate for small sized community events. Parking for large events can employ lots at Central Valley, BCIT and distant shopping districts when shuttle bus service is added. The SkyTrain is available and additional transit buses from area stations can be added for these events. As an example, at the major festivals at Vanier Park in Vancouver (Folk Festivals, fireworks events, etc.), visitors use public transit and/or park at a distance, thereby reducing the need for additional local parking facilities for infrequent larger events.

3. Q. *How will the proposed pavilion affect site lines along southern and eastern aspects of Deer Lake?*

A.: The proposed pavilion roof structure, clarified in the detailed design, will be about 40' high and have a 24' clearance, set back at least 30 meters from the lake edge in the location where current event stages are normally placed. The trees behind are 75' to 100' high and would easily help conceal the roof structure from the south as would large trees to the east. The pavilion would have no walls and therefore park users could see beneath it to the trees behind. The careful selection of the shape, material and color of the roof structure and vertical supports will ensure a functional pavilion that fits sensitively with the natural environment. As well, area lighting will be used only for events.

4. Q. *Will there be proper irrigation and drainage for the proposed expanded roadway to mediate oil and transmission fluid leakages close to the lake?*

A. The grassed seating area will be regraded slightly to improve sight lines and include the installation of proper irrigation and drainage services like a modified play

field. This will allow for an improvement in the management of the site for special events by reducing the deterioration of the grass surface. The roadway would remain a gravel surface, and the turnaround area for larger vehicles would employ the structured grass to sustain a park aesthetic while eliminating the tendency to drive over grassed area, thus damaging them. The detailed design process will consider surfacing options that, if needed, could provide for a catchbasin to collect and process the minor amount of vehicle leakages that may occur for the infrequent and short duration parking at the lakeside location.

5. Q.: *Has there been an opportunity for public input into the proposal?*

A.: The development of the Deer Lake Park Management Plan included a public consultation process. The approved report identifies the area south of the Shadbolt Centre for the Arts as the preferred zone for festival and special event activity and development and makes reference to the regrading, irrigation, drainage, site access, fencing, lighting and related seasonal event supports. The concept plan as presented considers this general development information and the detailed design process will provide the specifics for development project components. Rezoning is not required for development of the Concert Bowl.

6. Q.: *What is the combined budget for both the capital project and the festival activities?*

A.: The preliminary estimated cost for the Year 2000 Burnaby Millennium Capital Project: Concert Bowl at Deer Lake Park is \$1,453,060 (inclusive of 7% GST). The City is entitled to a 4% rebate on GST paid. The Discovery Days 2000: An Arts Celebration event cost is estimated at \$310,000, of which \$90,000 is special Year 2000 Burnaby funding and the remainder being earned revenues, donations, sponsorships and existing annual budget funds.

7. Q.: *What are the other capital project proposals which were considered but not successful?*

A.: The Executive Committee of Council considered other major capital project proposals including the construction of a pedestrian bridge over Route 1, linking Deer Lake Park and Burnaby Lake Park; and the commencement of implementation of the Deer Lake Park Management Plan for the beach recreational area, the Eagles Estate restoration; completion of the trail system; water quality improvements through biofiltration ponds, and the development of the concert/festival zone. The Committee is also considering some smaller projects brought forward by committees and community groups.

8. Q.: *What will be the impact on the little swamps just north of Deer Lake?*

A.: The concept plan does not intrude on the small marshy area at the south west area of the concert bowl. It is intended to retain this park feature and it has little effect on site use for event purposes. The detailed design process will illustrate no impact on the swamps.

9. Q.: *Is there a map outlining the start and finish of the chain link fence and location of stanchions?*

A.: The detailed design will provide this information, however, the concept plan calls for the preservation of traditional hedgerows, and the locating of the see-through fencing within the existing hedgerow on the west and along a portion of the lane on the park's east side. No fixed fencing would exist at the north side or south side and at major sections where normal park pedestrian access occurs, including at the access to the heritage meadows at the south west and at the park trail access at the south east. Here portable temporary fencing would be installed for event use. The fence would be concealed by planting wherever appropriate to respect the fact that the site is used as a park for a large portion of the year. The combination of permanent and temporary fence elements is a cost-effective way to help secure the site.

10. Q.: *What is the impact of the 24' height (of the pavilion) on the view of the lake?*

A.: In addition to the response to question #3 above, the detailed design of the pavilion will show a light, airy fabric roof covering for the 1' high 40' X 60' concrete pad with no walls. The pavilion design will enable park users to see under it and therefore not create a major obstruction in the landscape.

11. Q.: *Does an archaeological site exist in the proposed development area?*

A.: There is evidence of an archaeological area in the precinct. It will not be interrupted by the development. During construction, monitoring by a professional will ensure the site is properly respected.

12. Q.: *Is there a need to move much dirt in order to construct the concert bowl?*

A.: The current grade of the seating area (amphitheatre) is quite good and only minor improvements are needed to even out the surfaces and add some level pathways for easier access. The amount of soil moving projected is minimal and would be done in a way so as to ensure environmental protection during construction. The detailed design will show an enhancement for both concert and casual park use.

The concept planning for this project has considered relevant information from previous planning processes and professionals. It is understood that the detailed design phase will address all concerns. In order to complete construction and ensure the grassed area is fully restored by 2000 July 15, detailed design work must be completed by year's end.

Some financial support may be available from the Governments of British Columbia and Canada. British Columbia Community Spirit Grants may be submitted at any time for projects that must be completed by 2001 March 31, and applications received after project commencement will not receive full funding. Canada Millennium Partnership Program application deadlines are 1999 October 31 and 2000 March 01 and projects must be completed by 2001 March 31.



KATE FRIARS
DIRECTOR PARKS, RECREATION
& CULTURAL SERVICES

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Attachment

cc: Director Planning

CITY OF BURNABY
EXECUTIVE COMMITTEE OF COUNCIL

HIS WORSHIP, THE MAYOR
AND COUNCILLORS

RE: YEAR 2000 BURNABY: MILLENNIUM CAPITAL PROJECT:
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REPORT

In 1998 discussions commenced regarding the celebration of the Year 2000 in Burnaby including community activities and capital legacy project proposals. An interdepartmental staff committee reviewed options and have reported to the Executive Committee of Council and the Parks and Recreation Commission.

The Executive Committee of Council, at its meeting of 1999 August 23, received a report on the development of the concert bowl at Deer Lake Park as the Year 2000 Burnaby millennium capital legacy project for the City. It has made recommendations and has the concurrence of the Parks and Recreation Commission.

The coming of the millennium presents an opportunity for Burnaby to bring to life the themes of celebrating our history and our vision of the future, building bridges between neighbourhoods and amongst our neighbours, honouring our seniors and encouraging our youth and creatively recognizing that we are achievers and we are changing.

An excellent way to mark the occasion is with a capital legacy project. The selection of the enhancement of the concert bowl at Deer Lake Park was made because it provides for an attractive, centrally-located special event venue accessible by all citizens; an improved site for community and commercial concerts, festivals, theatre and special events; a four-seasons pavilion for weddings, parties, exhibits, ceremonies and presentations; increased cultural activity participation and associated revenues; and it fills a market niche for outdoor events for 100-10,000 visitors. It is also a fitting way to help future generations celebrate their creative potential and to host the creative talents of others.

Over the past 10 years the site played host to the annual Discovery Day Festival, the Vancouver Symphony Orchestra sponsored concerts and several ticketed concerts such as those featuring Kiri Te Kanawa, the Moody Blues and the Beach Boys. The beautiful park setting and the central location have made the site an attractive place for large events. The development of the Shadbolt Centre for the Arts and the proximity of the Burnaby Village Museum and Ceperley House make the area a popular destination and enhancing the concert bowl will add to Burnaby's arts and cultural park.

Council has received an attachment under separate cover that gives a comprehensive overview of the Deer Lake Park concert bowl development. To accommodate both smaller community gatherings and larger ticketed events, several development requirements have been identified:

1. The Amphitheatre: Minor relandscaping of the grassed seating area to improve sight lines and to reinforce the turf to handle more frequent use through irrigation, drainage and soil modifications.
2. Fencing: Install some moveable and some permanent perimeter fencing around the site to allow for access control for ticketed events and to integrate the fencing into the environment in a sensitive manner.
3. Vehicle Access: Upgrade the roadway, turning and unloading areas for event service vehicles.
4. Entry: Create a permanent gate structure that celebrates the entry to the site.
5. Lighting: Provide lighting for visitor safety and convenience for use at events.
6. Electrical Supply: Install adequate power for the majority of site users for lighting and sound at the stage.
7. Stage Area: Create a concrete pad and permanent fabric roof structure suitable for community and professional group use.
8. Parking: Create a parking management plan for the area.

The preferred pavilion design concept is an attractive, contemporary teflon fabric roof system on a light steel frame with low brick and stone features at the perimeter of 1' raised concrete pad. The pavilion has no walls but can accommodate temporary all-weather curtains as needed. Designed to fit into the environment and to be used in both formal and informal ways all year long, the pavilion will become an attractive element in the park. The Deer Lake Park management plan has identified development in this area as a compatible component in the park plan as a whole.

The preliminary cost estimate for the project is \$1,453,060 (inclusive of 7% GST). The City is entitled to a 4% rebate on GST paid. As the major Year 2000 Burnaby celebrations are scheduled for next July, it is recommended that the project be approved and that funding for the detailed design phase, and related project soft costs, in the amount of \$267,700 (inclusive of 7% GST) be approved at this time to ensure opening of the enhanced site by 2000 July 15.

Sufficient Capital Reserves are available, however, this project is not included in the 1999 Capital Budget. These works may cause the 1999 Capital Spending Limit to be exceeded.

Appearing elsewhere on the Council agenda is the Capital Reserves Expenditure Bylaw for this project.

Respectfully submitted,

Councillor D. R. Corrigan,
CHAIR

Councillor D. G. Evans,
Member

Councillor C. Redman,
Member