

City of Port Moody

Closed Report/Recommendation to Council

Date: May 23, 2023
Submitted by: Engineering and Operations Department – Project Delivery Services Division
Subject: Shoreline Trail Upgrades Project – Request for Allocation of Translink Grants as Additional Funding

Purpose

The purpose of this report is to seek Council approval to allocate the awarded Translink grants to the Shoreline Trail Upgrades Phase 2 – Trails Works project budget to offset additional costs required to complete the scope of work.

Recommended Resolution(s)

THAT a maximum of \$1,178,000 from the Translink grants originally being returned to the Density Bonus Reserve be allocated to complete additional required work on the Shoreline Trail Phase 2 – Trails Works project as recommended in the report dated May 23, 2023 from the Engineering and Operations Department – Project Delivery Services;

AND THAT the remaining \$85,000 from the Translink grants be allocated to the Density Bonus Reserve upon completion of the Shoreline Trail Phase 2 – Trails Works project.

Rationale for Closed Discussion

This report is confidential as it relates to an active tender and falls under section 90 (1) (k) of the *Community Charter*.

Release of Resolution(s)

The resolution should remain closed until when contract negotiations with leading Contractor proponent has completed. Until then, the information presented in this report and the resolution should be considered confidential.

Background

Phase 1 of the Shoreline Trail Upgrades Project, which involved renewing the two sanitary sewer mains under the paved trail, has been completed. The second phase of the project is to address the existing paved pathway which has damage from overgrown roots as well as drainage problems and contributes to public safety issues such as tripping hazards. As part of the Shoreline Trail Sanitary Upgrades Project, a design was completed to upgrade the pathway taking into considerations such as width, drainage, modal and directional separation as well as safety and accessibility. The project will also enhance the trail with landscaping, over 10,000 m²

Released from the May 23, 2023, Closed Council meeting

10

(109,000 ft²) of plantings, 122 trees (replaced at 2:1 per City policy), wayfinding features, benches, and interpretative signage. For maximum construction efficiency considering significant environmental constraints in the area, the work will also encompass a separate project to replace the bridge over Noons Creek that sustained some damage in 2021.

Discussion

The following upgrades are planned for the 1.5 km long trail from Murray Street to Old Orchard Park:

- Widening of the path to a consistent 3.3 metres;
- Drainage improvements including ditches on both sides and cross drains;
- Accessibility upgrades to decrease vertical grades to less than 8%;
- Improvements at Trasolini, San Remo and Old Orchard Park access points to the trail;
- Accessibility upgrades from the trail to the Old Orchard Hall Parking lot including a switchback with railings;
- Landscaping including native plantings, topsoil, grass and 2:1 replacement of trees;
- Benches, wayfinding signage and interpretive signage displaying First Nations culture, environmental and historical significance in the area; and
- Installation of a pre-fabricated pedestrian bridge over Noons Creek.

The capital budgets allocated for this work are as follows:

Project Number	Capital Funding Approved (A)	Design, Environmental, Inspection & Staff Costs (B)	Remaining Funding for Construction (A) – (B)
PK21034 (Trail Works)	\$4,100,000	\$150,000	\$3,950,000
PK22054 (Bridge)	\$600,000	\$250,000	\$350,000
Total	\$4,700,000	\$400,000	\$4,300,000

The works above were tendered as a Negotiated Request for Proposal (NRFP). An NRFP allows evaluations to be conducted from both a price and technical/logistics perspective, in order for the City to obtain the best qualified contractor and the best value for the work. It also allows the City to negotiate scope and price with the leading proponent prior to award.

The leading proponent's bid price is over the construction budget allocated for this project. Negotiations were undertaken to reduce the price and/or reduce the scope of the works to still accomplish the objectives of the project. After negotiations, the bid was reduced to \$5,478,000, but based on \$4,300,000 available for construction, there is still a funding shortfall of \$1,178,000 to complete the required works.

Released from the May 23, 2023, Closed Council meeting

The increase in budget is caused by the following scope items:

Item	Funding Available (A)	Bid Value (B)	Funding Request (B) – (A)
Pre-fabricated bridge	\$350,000	\$897,000	\$547,000
Old Orchard Park access improvements	\$0	\$235,000	\$235,000
Landscaping	\$1,100,000	\$1,276,000	\$176,000
Additional contingency*			\$220,000
Total			\$1,178,000
*Required for 8% construction contingency due to increased value of contract to address typical unknown risks during construction			

The Shoreline Trail multi-use path is a beloved recreational amenity for users and Port Moody residents. Staff applied to Translink’s Bicycle Infrastructure Capital Cost Sharing (BICCS) and Walking Infrastructure to Transit (WITT) grant programs in 2022 and 2023, highlighting this project to improve an important active transportation corridor on the North Shore. The project was successful in securing these grants as well as allocated grants from Translink worth a total of \$1,263,000.

Staff recommend proceeding with using this grant funding to address the funding shortfall to complete the works. The Trail Works (PK21034) portion of the project was funded by the Density Bonus Reserve. Should Council approve the recommended resolution to approve the allocation, the Density Bonus Reserve would be also increased by \$85,000. This amount will increase if the project does not use up the contingencies at the end of the project.

The pre-fabricated bridge is recommended to proceed. Steel cost has escalated considerably over the last two years, and the bid price of the bridge is market value based on the NRFP results. Deferring the bridge works to a future date will cause another disruption to the public with costs unlikely to be lower, and also may require further regulatory permit approval for in-stream works. Further, if the bridge is not constructed this year, it will likely require some interim work for public safety reasons.

The improvements at Old Orchard Park includes a switch back and railings to reduce grades (steepness) for accessibility. It was identified by stakeholder groups as key to improve accessibility to the park and beach. This work addresses a short term improvement recommendation based on initial work on the Old Orchard Park Master Plan project as shown in Figure 1 below.

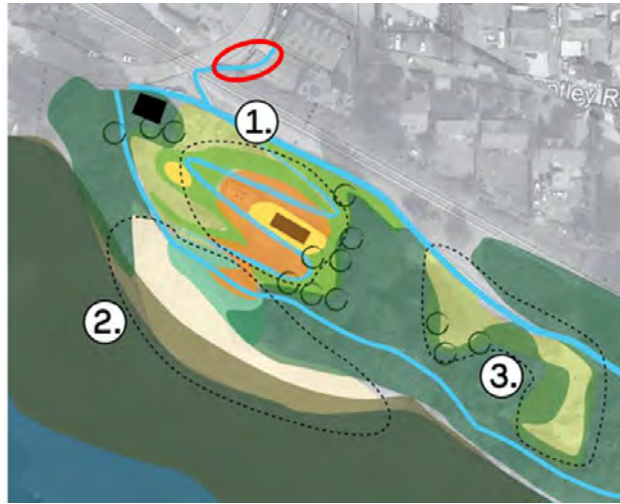


Figure 1: Proposed improvements by this project (highlighted in red) as part of the draft Old Orchard Park Master Plan concept

Other Option(s)

Should Council want to decrease the requested allocation to the Phase 2 Trail Works, staff could proceed to de-scope some landscaping by \$176,000 (from \$1,276,000 to \$1,100,000). This would mean a 15% reduction in native plantings and topsoiled area. This is not recommended by staff because the deferred landscaping will allow invasives to grow back in environmentally sensitive riparian areas within the deferred time frame which is not desirable. If this area of landscaping needs to be deferred to Spring 2024 planting as part of next year's capital request, there is risk that these plantings may be subject to harsh summer weather.

Financial Implications

Staff are seeking approving of allocating \$1,178,000 of the \$1,263,000 Translink grants received for this project as additional funding for the project and not back to the Density Bonus Reserve. The remaining balance of \$85,000 will be allocated to the Density Bonus Reserve.

Communications and Civic Engagement Initiatives

The proposed works would be part of the project's ongoing communications plan, with appropriate communication issued to any affected residents, community associations and trail users. Construction letters will be sent to residents adjacent to Shoreline Trail and signs, traffic control personnel will be present during construction to aid pedestrian detours. The project is scheduled to be completed by the end of 2023.

Council Strategic Plan Objectives

This project is in alignment with Council's strategic priorities of Resilient Natural Environment by improving trails and open spaces and Healthy Community Development by providing recreation services and access to indoor and outdoor amenities for all ages and abilities.

Report Author

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Released from the May 23, 2023, Closed Council meeting

13

Report Approval Details

Document Title:	Shoreline Trail Upgrades Project - Allocation of Translink Grant.docx
Attachments:	
Final Approval Date:	May 16, 2023

This report and all of its attachments were approved and signed as outlined below:

Julie Pavey-Tomlinson, Director of Environment and Parks - May 15, 2023 - 11:53 AM

Anna Mathewson, General Manager of Community Services - May 15, 2023 - 2:01 PM

Stephanie Lam, City Clerk and Manager of Legislative Services - May 15, 2023 - 3:50 PM

Lindsay Todd, Manager of Communications and Engagement - May 15, 2023 - 4:07 PM

Paul Rockwood, General Manager of Finance and Technology - May 15, 2023 - 4:12 PM

Tim Savoie, City Manager - May 16, 2023 - 10:31 AM