

Katherine Lake Trail Proposal

May 13, 2021.

On behalf of Rotary Club of Pender Harbour with the support of the Pender Harbour and Area Residents Assn and the Pender Harbour Chamber of Commerce.

A. Introduction & Overview

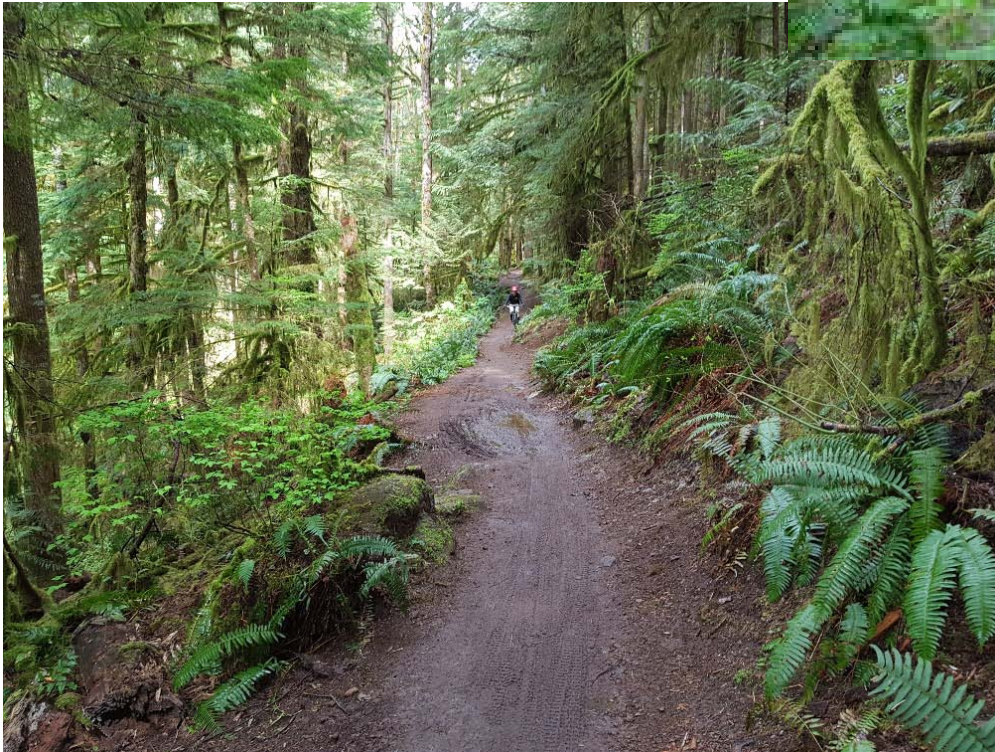
This proposal is for a combination of family accessible and hiking trail around Katherine Lake within the SCRD Katherine Lake Park.

- 5 lakes.
- Katherine Lake is the only one not surrounded by road or private land.
- Proposed loop trail.
- Combination of Family Accessible and hiking trail.



B. Katherine Lake Trail Vision

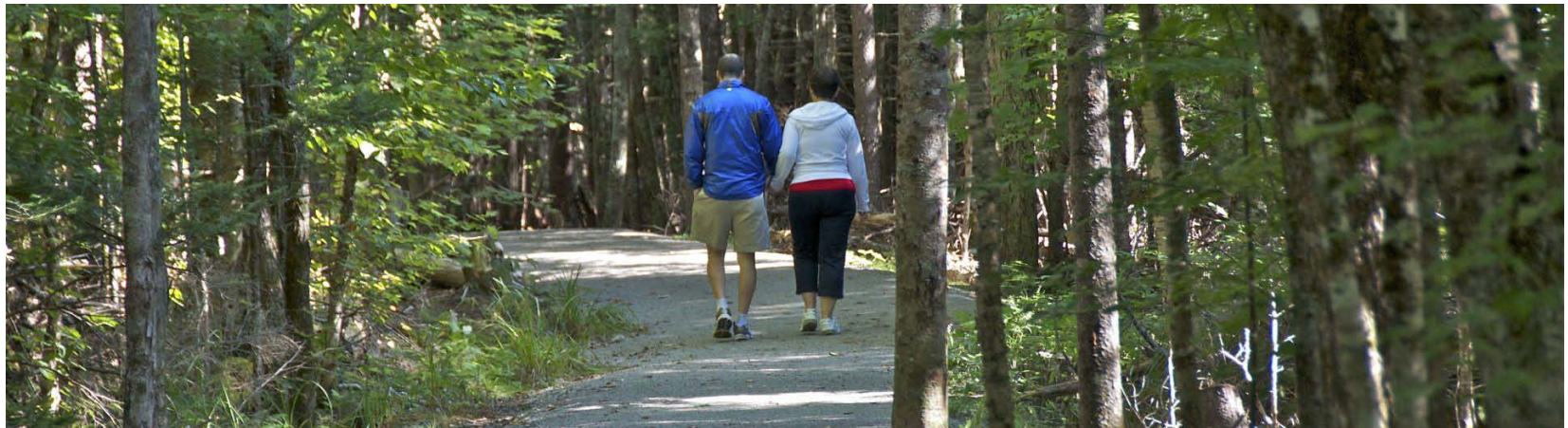
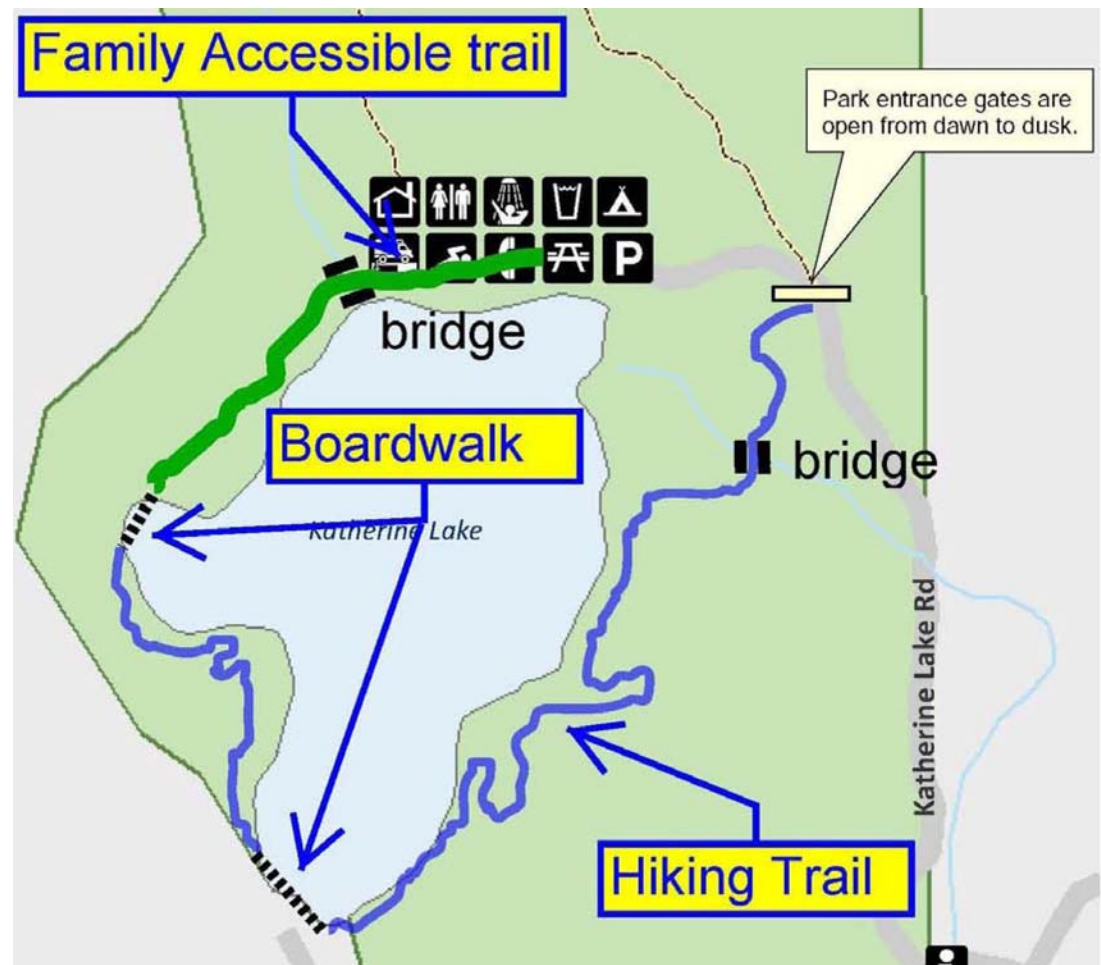
- Create a continuous loop around the lake.
- Total distance of approximately 1.8 km.
- 400 meters of the trail will be family accessible to all levels of pedestrians including those with mobility issues.
- 1,400 meters of trail completing the loop will be an easy to moderate hike for those more mobile.



C. Trail Description

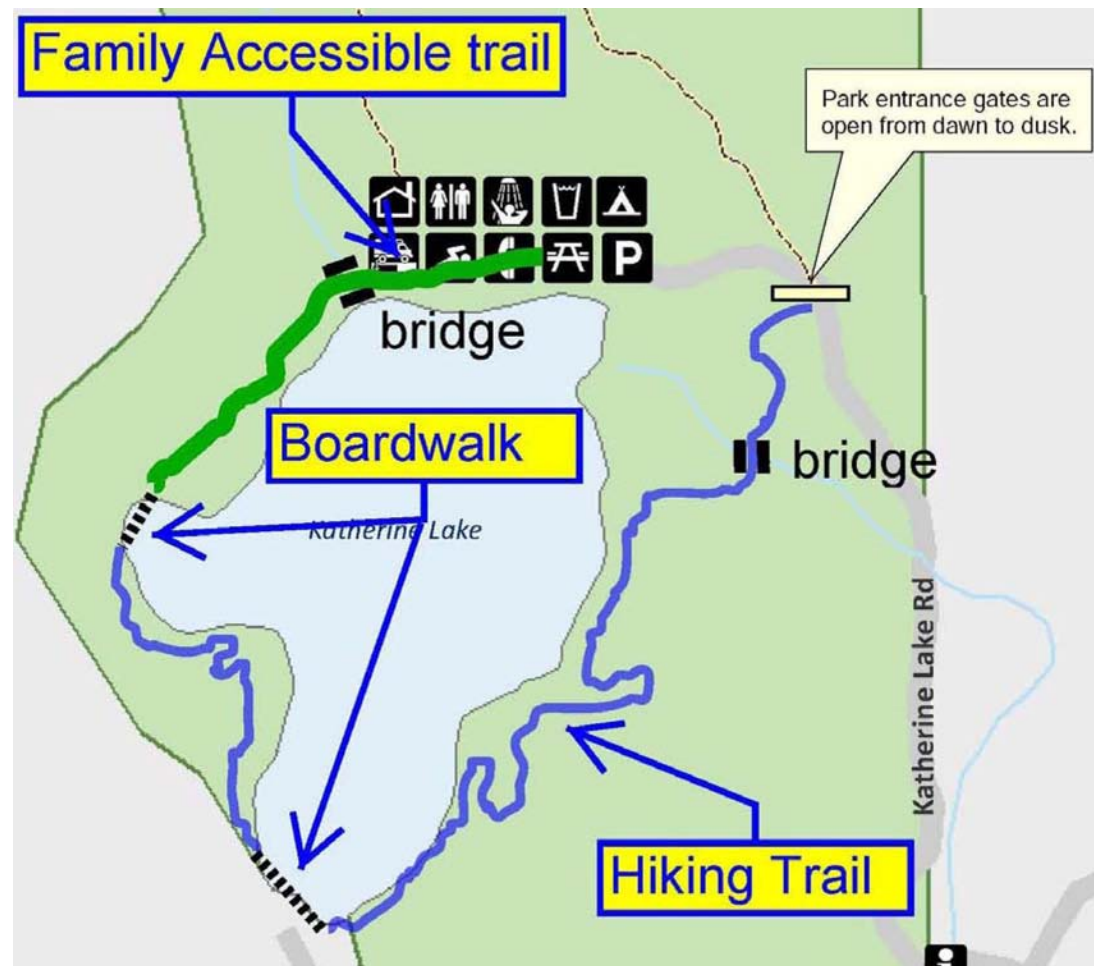
Family Accessible Trail:

- Constructed to a BC Parks Type II standard which includes a gravel surface of 1.25 to 2.0 meters wide with maximum grades of 10%.
- From the existing accessible parking to a picnic table along the west side of the lake, counter clockwise from the campground, terminating at a picnic table with a view over the lake.
- Construction includes trail and bridge or culverts for the exit creek.



Hiking Trail: Continuing from Family Trail

- BC Parks Type III or Type IV standard: tread width between .5 and .75 meter.
- Combination of boardwalks and forest trail.
- Falconbridge Road: 30 meters of trail and boardwalk will lead around the south side of the lake near the private properties.
- East side of lake: Moderately steep section of trail with switchbacks up and along a bluff will continue north until connecting with an existing lakeside trail and existing viewing float.
- 6 meter bridge across creek leading into Katherine Lake from Garden Bay Lake.
- The trail exits onto the Katherine Lake access road close to the existing park gate with a 300 meter walk back to the viewing pavilion.



D. Design & Construction Standards and Methods

- Design and layout by SCRD staff in coordination with volunteers for field layout.
- The trails will be built by a combination of volunteer and contracted manual labour, as well as contracted trail building services.

Family Accessible Trail:

- Machine built trail with gravel surface.

Hiking Trail:

- The layout and alignment of the hiking trail will be a combination of SCRD and volunteers to ensure that the trail stays off private land.
- Hand built to a Type III or IV standard using manual labour and mostly native soil.
- Portions that cross meadow or wetland will require timber boardwalks with some portions floating as required.



E. Signage

- Katherine Lake Loop: Direction and interpretive signs.
- Katherine Lake to Mixel Lake Regional Park (several existing trails): Directional signage.

F. Budget: Trails and Signage combined

Working with the SCRD, the proposed budget for the Katherine Lake Trail and signage combined is approximately \$116,000:



	Trail Project	Signage	Combined
Project Management	5,700	3,900	9,600
Labour & Contracts	46,500	1,300	47,800
Administration	4,300		4,300
Equipment	8,300	300	8,600
Materials	15,000	1800	16,800
Additional Contracts (garbage cans, table etc.)	10,200		10,200
Sub-total	90,000	7,300	97,300
Contingency	18,000	1,000	19,000
Project Total	\$108,000	\$8,300	\$116,300

G. Maintenance & Stewardship

- Katherine Lake Loop Trail fully within SCRD park land with a small portion on road right of way.
- Trails will be maintained and cleared of dead falls by SCRD and local trail users in coordination with SCRD.
- The Katherine Lake Trail initiative is being supported by the Pender Harbour Rotary Club to promote tourism, health and an active lifestyle.

H. Neighbours

Disruption to private property owners is always a concern when new projects are proposed. The entire proposed trail is on SCRD parkland except for a small portion of road right of way at the south end. None of the proposed trail is on private property with the nearest private lands being on Falconbridge Road. In order to minimize any conflicts with private property, the proposal does not connect the trail with Falconbridge Road with all trail access from within Katherine Lake Park.

I. Conclusion

The addition of an accessible trail in a natural forest and lake setting will be an asset to the Pender Harbour community as well as the SCRD parks system. The hiking loop adds a feature to both the park and the Pender Harbour area by adding a lake loop to the local trail network.

The new trail will be minimum impact on the existing terrain and ecosystem but allow access to our beautiful coastal forests. The Katherine Lake Trail, with your support, will be an asset to the Pender Harbour areas and will become an iconic part of the Sunshine Coast trail network.



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Appendix 1 – Accessible Trail



Photo: Looking west from the existing handicap parking the existing trail runs 70 meters to the picnic table.

Photo: From the picnic table looking west, the accessible path requires reduced cross fall and surfacing with gravel down to the playground equipment.





Photo: The accessible path will run on the left (north) of the playground equipment.

Photo: From the playground equipment to the creek requires raising above the water table.





Photo: From the bridge across the creek there is approximately 30 meters of wet area that requires raising above the water table and surfacing with gravel.

Western painted turtle viewed from existing bridge.

