

Sea to Sky Trail Master Plan

Other Features:

Section Highlights:

13.1 Views of Gates Lake

13.2 Whispering Falls

Potential Difficulties:

13.1 Steep terrain and new trail required along hydro corridor towards Birken

General Costing Estimates of Preferred Route Development*

Character Area 13 - Preferred Routing	Birkenhead FSR to Gates Lake		
Existing Condition	Length (m)	Cost/m to upgrade	Total
Road - Good Condition	0	\$0.00	\$0.00
Rough Road - Condition OK	0	\$0.00	\$0.00
Rough Road - Minor Upgrades	0	\$10.00	\$0.00
Existing Single Track - Easy/Gentle Terrain	0	\$20.00	\$0.00
Existing Single Track - Difficult/Steep Terrain	0	\$60.00	\$0.00
None - Easy/Gentle Terrain	0	\$40.00	\$0.00
None - Difficult/Steep Terrain	7483	\$60.00	\$448,954.79
Total	7483		\$448,954.79

Note that the general costing estimates of the preferred routing are to develop the route to a "functional" level, using existing roadbeds and roads with minimal traffic when possible. Existing Conditions described as Road – Good Condition, Rough Road – Condition OK, and Rough Road – Minor Upgrades are sections that do not meet the desired Sea to Sky Trail Standard but will function over the initial period of the Sea to Sky Trail’s development and will enable the trail to be used long before its completion.

Character Area #14 – Gates Lake to Blackwater Lake Road

Description of preferred routing (south to north):

From Birken section 14 of the route will cross over Gates River and follow existing hydro right of way and old FSR as it travels north east towards Blackwater Lake Road. It is expected that this route will require new trail building, however it is generally flat terrain and follows the hydro corridor, so the hope is that the trail building will be fairly easy. Again this route will provide for excellent views that surround the Birken Valley.

Alternate Routings:

Total Length of Trails: 8,757m

Confirmed: 0m

Preferred: 8,757m

Alternate: 0m

Elevation Gain/Loss: -120m

South End: 460m

North End: 340mm

Land Ownership:

BC Hydro ROW: DL 5428

CN Rail ROW: DL 553

Surveyed Crown Land: DL 553

Highway 99 ROW:

Sea to Sky Trail Master Plan

Private Land: DL 553, DL 959, DL 1162, DL 1249, DL 1250, DL 1548, DL 2685, DL 5275

LWBC:

Parks: Trail does not enter any provincial park land.

Ecology and Natural Features:

Biogeoclimatic Zones: IDFww

Rivers: Gates River

Lakes:

Other Features:

Section Highlights:

14.1 Views of Gates River

Potential Difficulties:

14.1 New trail building along existing Hydro Right of Way.

14.2 Route finding in steep terrain on north side of Pemberton Portage Road.

General Costing Estimates of Preferred Route Development*

Character Area 14 - Preferred Routing	Gates Lake to Blackwater Lake Road		
Existing Condition	Length (m)	Cost/m to upgrade	Total
Road - Good Condition	0	\$0.00	\$0.00
Rough Road - Condition OK	0	\$0.00	\$0.00
Rough Road - Minor Upgrades	0	\$10.00	\$0.00
Existing Single Track - Easy/Gentle Terrain	0	\$20.00	\$0.00
Existing Single Track - Difficult/Steep Terrain	0	\$60.00	\$0.00
None - Easy/Gentle Terrain	8757	\$40.00	\$350,293.24
None - Difficult/Steep Terrain	0	\$60.00	\$0.00
Total	8757		\$350,293.24

Note that the general costing estimates of the preferred routing are to develop the route to a "functional" level, using existing roadbeds and roads with minimal traffic when possible. Existing Conditions described as Road – Good Condition, Rough Road – Condition OK, and Rough Road – Minor Upgrades are sections that do not meet the desired Sea to Sky Trail Standard but will function over the initial period of the Sea to Sky Trail's development and will enable the trail to be used long before its completion.

Character Area #15 – Birkenhead Lake West

Description of preferred routing (south to north):

This section of the route leaves the road and travels north on the Birkenhead FSR as it travels north towards the southwest entrance to Birkenhead Lake Provincial Park. The beginning of the route is steep terrain and a new route with better gradient will likely need to be found. At Birkenhead PP the route will follow an existing trail along the northern edge of Birkenhead Lake, providing excellent views of the lake and Peak to the south. The section will end at the main campground of the Park on the north edge of the lake, providing an excellent staging area.

Alternate Routings:

Total Length of Trails: 18,178m

Confirmed: 0m

Preferred: 18,178m

Sea to Sky Trail Master Plan

Alternate: 0m

Elevation Gain/Loss: 90m

South End: 450m

North End: 640m

Land Ownership:

BC Hydro ROW:

CN Rail ROW:

Surveyed Crown Land: DL 399, DL 8127

Highway 99 ROW:

Private Land:

ILMB: DL 400, DL 4896, DL8255

Parks: DL 398. The trails runs through Birkenhead Lake provincial park land.

Ecology and Natural Features:

Biogeoclimatic Zones: CWHds1, IDFww

Rivers: Birkenhead

Lakes: Birkenhead

Other Features:

Section Highlights:

15.1 Entrance into Birkenhead Lake Provincial Park

15.2 Views of Birkenhead Lake

Potential Difficulties:

15.1 First part of Birkenhead FSR is steep, may need a re-route to maintain desired gradient.

General Costing Estimates of Preferred Route Development*

Character Area 15 - Preferred Routing	Birkenhead Lake West		
Existing Condition	Length (m)	Cost/m to upgrade	Total
Road - Good Condition	439	\$0.00	\$0.00
Rough Road - Condition OK	15747	\$0.00	\$0.00
Rough Road - Minor Upgrades	0	\$10.00	\$0.00
Existing Single Track - Easy/Gentle Terrain	0	\$20.00	\$0.00
Existing Single Track - Difficult/Steep Terrain	0	\$60.00	\$0.00
None - Easy/Gentle Terrain	0	\$40.00	\$0.00
None - Difficult/Steep Terrain	1726	\$60.00	\$103,535.85
Total	17473		\$103,535.85

Note that the general costing estimates of the preferred routing are to develop the route to a "functional" level, using existing roadbeds and roads with minimal traffic when possible. Existing Conditions described as Road – Good Condition, Rough Road – Condition OK, and Rough Road – Minor Upgrades are sections that do not meet the desired Sea to Sky Trail Standard but will function over the initial period of the Sea to Sky Trail’s development and will enable the trail to be used long before its completion.

Character Area #16 – Birkenhead Lake Park East

Description of preferred routing (south to north):

Starting at the Birkenhead Lake PP the route will follow the road out of the park as it gently heads down valley past green fields and Blackwater Lake. The route follows

Sea to Sky Trail Master Plan

Blackwater Creek as it finally returns to the valley bottom and the Gates River just south of Devine and the end of the character area.

Alternate Routings:

Total Length of Trails: 15,372m

Confirmed: 0m
 Preferred: 15,372m
 Alternate: 0m

Elevation Gain/Loss: -300m

West End: 640m
 East End: 340m

Land Ownership:

BC Hydro ROW: DL 5428, DL 8086
 CN Rail ROW:
 Surveyed Crown Land: DL 2302, DL 2687, DL 2688, DL 8243
 Highway 99 ROW:
 Private Land: DL 497, DL 741, DL 1106, DL 1241, DL 2160, DL2227, DL 2683, DL 4587, DL 4598, DL 6775
 LWBC:
 Parks: A small southern section of the trail falls in the Birkenhead Lake provincial park land.

Ecology and Natural Features:

Biogeoclimatic Zones: CWHds1, IDFww
 Rivers:
 Lakes: Blackwater Lake
 Other Features:

Section Highlights:

16.1 Lush Wetlands
 16.2 Views of Blackwater Lake
 16.3 Views of Blackwater Creek

Potential Difficulties:

None noted

General Costing Estimates of Preferred Route Development*

Character Area 16 - Preferred Routing	Birkenhead Lake Park East		
Existing Condition	Length (m)	Cost/m to upgrade	Total
Road - Good Condition	15044	\$0.00	\$0.00
Rough Road - Condition OK	6	\$0.00	\$0.00
Rough Road - Minor Upgrades	0	\$10.00	\$0.00
Existing Single Track - Easy/Gentle Terrain	0	\$20.00	\$0.00
Existing Single Track - Difficult/Steep Terrain	0	\$60.00	\$0.00
None - Easy/Gentle Terrain	0	\$40.00	\$0.00
None - Difficult/Steep Terrain	0	\$60.00	\$0.00
Total	6		\$0.00

Sea to Sky Trail Master Plan

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Character Area #17 – Blackwater Lake Road to D’Arcy

Description of preferred routing (south to north):

The final leg of the route travels north along Pemberton Portage Road through the small residential development of Devine through the First Nations village of Nequatque, and finally D’Arcy where it reaches the end of the trail at Anderson Lake.

Total Length of Trails: 10,029m

Confirmed: 0m

Preferred: 5,054m

Alternate: 4,974m

Elevation Gain/Loss: -60m

South End: 340m

North End: 280m

Land Ownership:

BC Hydro ROW: DL 5428

CN Rail ROW: DL 100,

Surveyed Crown Land: DL 3127

Highway 99 ROW:

Private Land: DL 3127, DL 4804

LWBC:

Parks: Trail does not enter any provincial park land.

Ecology and Natural Features:

Biogeoclimatic Zones: IDFww

Rivers:

Lakes:

Other Features:

Section Highlights:

17.1 Village of D’Arcy

17.2 Views of Anderson Lake

Potential Difficulties:

none

Sea to Sky Trail Master Plan

General Costing Estimates of Preferred Route Development*

Character Area 17 - Preferred Routing	Blackwater Lake Road to D'Arcy		
Existing Condition	Length (m)	Cost/m to upgrade	Total
Road - Good Condition	1133	\$0.00	\$0.00
Rough Road - Condition OK	0	\$0.00	\$0.00
Rough Road - Minor Upgrades	0	\$10.00	\$0.00
Existing Single Track - Easy/Gentle Terrain	0	\$20.00	\$0.00
Existing Single Track - Difficult/Steep Terrain	0	\$60.00	\$0.00
None - Easy/Gentle Terrain	3922	\$40.00	\$156,860.83
None - Difficult/Steep Terrain	0	\$60.00	\$0.00
Total	3922		\$156,860.83

*Note that the general costing estimates of the preferred routing are to develop the route to a “functional” level, using existing roadbeds and roads with minimal traffic when possible. Existing Conditions described as Road – Good Condition, Rough Road – Condition OK, and Rough Road – Minor Upgrades are sections that do not meet the desired Sea to Sky Trail Standard but will function over the initial period of the Sea to Sky Trail’s development and will enable the trail to be used long before its completion.

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Sea to Sky Trail Master Plan

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