

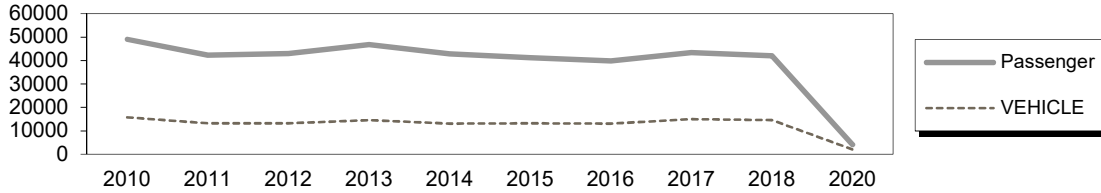
Skagway Ferry Terminal

Mile 0 Klondike Highway

Owner: State of Alaska

Terminal Manager: Tiffanie Potter – 907-983-2944

Terminal Description: The Skagway facility consists of a floating side berth, terminal building, staging and parking areas, three mooring dolphins, concrete mooring float, and separate vehicle and passenger transfer bridges. The Skagway facility is the northernmost terminal on the Southeast Alaska Marine Highway Route. The past 10 years of total passenger and vehicle traffic at Skagway is shown below.



The most recent above water survey was completed June 9, 2021, Fracture critical inspection 5/8/2021, Underwater Inspection August 21, 2021, In-depth Anchor Chain Inspection Nov. 11, 2021.

Vessels	
Name	Berthing, Alignment
Mal/ Columbia / FVF	Starboard
Kennicott	Port

Tidal Data (MLLW 0.0 feet)	
EHW	25.7
MHHW	16.7
MHW	15.7
ELW	-6

Terminal Building	
Year Built:	1982
Square Footage:	5344 s.f.
Heating System:	Boiler
Fuel Storage:	UST
Fire Protection:	Alarm
Condition:	Good

Generator & Building	
Building / Generator:	2002
Square Footage:	224 s.f.
Heating System:	Electric
Fuel Storage:	-
Fire Protection:	Halon
Condition:	Good

Uplands	
Short-Term Parking:	40 cars; 1 HCP
Long-Term Parking:	
Staging Area:	2400 lineal feet, 8 lanes
Paint Striping:	Yes
Driving Surface:	Asphalt

Vehicle Transfer Bridge - #0805	
Type:	17' x 140' Orthotropic deck, twin box girder
Year Built:	1980?
Shoreward support:	Concrete abutment
Seaward support:	Concrete Support Float
Coating:	Wasser Paint
Lighting:	Parking-lot light poles and Float light poles
Condition:	Fair
Load Posting Sign:	N/A
Original Design Load:	Original Design Drawings not on file

Utilities		
	at terminal	at ramp
Electrical:	Yes, city & backup power	
Water:	Yes	Yes
Sewer:	Yes (City)	No
Telephone:	Yes	Yes
Cable TV:	No	No
Fuel:	Yes	Yes
Wireless Bridge:	Yes	-

Bridge Support Float	
Type:	120' x 160' Concrete Mooring Float
Year Built:	1980
Ballasted:	No, but has flooding compartments
Ramp lift:	Hydraulic/Block & Cable
Apron lift:	Hydraulic/Block & Cable
Anodes:	-
Condition:	Poor

Pedestrian Bridge - #1626	
Type:	8' x 138' Through Truss
Year Built:	1995
Shoreward support:	Concrete abutment
Seaward support:	Concrete Support Float
Coating:	Wasser Paint
Lighting:	Roof mounted fixtures
Condition:	Fair

Dolphins							
Dolphins	Dolphin Piles	Fender Support	Fender Face	Anodes	Built	Cond.	Notes
S3	6B, 1V	Hanging	UHMW	No	74-'98	Fair	Red navlight
S2	2B, 1V	4V	Ekki Timber	No	1980	Fair	
S1	2B, 2V	4V	Ekki Timber	No	1996	Fair	

LEGEND

V = Vertical Steel Pipe Piling

B = Battered Steel Pipe Piling

Catwalks / Gangways								
#	From Struct.	To Struct.	Length / Style / Main Members	Built	Safety Chains?	Cond.	Lighting	Notes
C1	S3	S2	60' / Catwalk / 10"x10" Tube Girders	1982	No	Good	Jelly Jars	
C2	S2	S1	108' / Catwalk / 10"x10" Tube Girders	1982	No	Good	Jelly Jars	
G1	S1	Dock	50' / Gangway / Thru Truss	1965	No			

Terminal Projects			
Year	Project #	Project Name	Description
1963	S-0999(4)	Skagway Ferry Terminal	Original construction of terminal facility, consists of uplands fill and timber transfer & mooring/fendering structures.
1980	F-097-2(2)	Skagway FT Facility	Removed original timber structures and replaced with steel transfer and mooring/fendering structures. Extended uplands fill for future staging and terminal building.
1981	R10263	Skagway FT Pedestrian Transfer Bridge	Constructed the steel pedestrian bridge.
1982	N/A	Skagway Ferry Terminal Building	Constructed the current ferry terminal building.
1992	75092	Barge Tendon Rehabilitation	Tendon repair/overlay and tendon anchor head repair.
1993	75277 / F-097-1 (2)	Skagway FT Slope Stabilization	Added riprap armory rock to the seaward slopes beneath the terminal building.
1995	75468 / ER-0069 (1)	Skagway FT Reconstruction	Repaired and corrosion proofed existing transfer and mooring structures that were damaged from a slope failure across the Inlet.
1999	67543 / NH-097-1 (4)	Skagway FT Improvements	Installed new fender panels and hawse rails on dolphin S3.

Terminal Projects (continued)			
Year	Project #	Project Name	Description
2007	N/A	N/A	Maintenance hired a Contractor to construct shoreward bearing improvements to the Pedestrian Bridge.
2008	73003(5)	Skagway FT Building Interior Renovations & Door Replacement	The work consists of replacement of all exterior doors, frames, and hardware; construction of new ticket counters and staff work stations; and new finishes and toilet partitions at existing restrooms; and replaces all carpet in the facility.
2014	70196	AMHS Skagway Dock Emergency Repairs	The work consists of salvaging the sunken concrete float off the ocean bottom, structural analysis of the float's condition, raising and placement of the vehicle & pedestrian bridges, salvaging/repairing the timber vehicle ramp, repairing the intermediate ramp hydraulic system, replacing utility (fuel/water) services to the dock face.
2020	SAMHS00088	Backflow preventer re-location	DEC required project to re-locate the backflow preventer from the concrete float to shore.
2020	SAMHS00088	New Fuel storage tank 1,000	Replaced b.g. 1,100 gal fuel tank with a.g.1,000
2020	SAMHS00088	New On-site waste water treatment system	Replaced a marine discharge septic system with new tanks and a 630 sq. ft leach field

GENERAL FACILITY EVALUATION

Item		NBI Rating
Item 58	Deck	5
Item 59	Superstructure	5
Item 60	Substructure	4
Item 61	Channel Protection	8
Item 113	Scour	8
Marine	Mooring Structures	5
	Uplands Staging area	7
	Uplands Waiting Building	7
	Utilities	7

9	EXCELLENT CONDITION
8	VERY GOOD CONDITION - no problems noted
7	GOOD CONDITION - some minor problems.
6	SATISFACTORY CONDITION - structural elements show minor deterioration
5	FAIR CONDITION - all primary structural elements are sound but may have minor corrosion, cracking or chipping. May include minor erosion on bridge piers.
4	POOR CONDITION - advanced corrosion, deterioration, cracking or chipping. Also significant erosion of concrete bridge piers.
3	SERIOUS CONDITION - corrosion, deterioration, cracking and chipping, or erosion of concrete bridge piers have seriously affected deck, superstructure, or substructure. Local failures are possible.
2	CRITICAL CONDITION - advanced deterioration of deck, superstructure, or substructure. May have cracks in steel or concrete, or erosion may have removed substructure support. It may be necessary to close the bridge until corrective action is taken.
1	"IMMINENT" FAILURE CONDITION - major deterioration or corrosion in deck, superstructure, or substructure, or obvious vertical or horizontal movement affecting structure stability. Bridge is closed to traffic but corrective action may put back in light service.
0	FAILED CONDITION - out of service - beyond corrective action
N	Not applicable