

RESOLUTION NO. _____

**APPROVAL OF THE GUEMES ISLAND FERRY
CAPITAL IMPROVEMENT PLAN 2010-2023**

WHEREAS, Skagit County is required under R.C.W. 36.54.015, RCW 36.81.121 and W.A.C. 136.400.040 to have an annual Capital Improvement Plan for the Guemes Island Ferry; and

WHEREAS, the Guemes Island Ferry Capital Improvement Plan 2010–2023 is submitted to the Board of Skagit County Commissioners; and

WHEREAS, the Department of Public Works shall include portions of the Ferry Capital Improvement Plan in the Six-Year Transportation Improvement Program, which includes the ferry projects; and

WHEREAS, the Board of County Commissioners has met in various work sessions with the Department of Public Works to review the preparation of the recommended Six-Year Transportation Improvement Program; and

WHEREAS, the Financial Plan, along with other parts of the Transportation Element of the Skagit County Comprehensive Plan have been considered in the preparation of the Six-Year Transportation Improvement Program as required by RCW 36.70A.070; and

WHEREAS, the recommended 2010-2023 Guemes Island Ferry Capital Improvement Plan is found by Public Works Staff to be consistent with the requirements of R.C.W. 36.70A.070.

NOW, THEREFORE, BE IT RESOLVED by the Skagit County Board of Commissioners that the 2010-2023 Guemes Island Ferry Capital Improvement Plan, as attached and made a part hereto of this Resolution, is hereby approved and adopted.

WITNESS OUR HANDS AND THE OFFICIAL SEAL OF OUR OFFICE this

23 day of November 2009.

BOARD OF COUNTY COMMISSIONERS
SKAGIT COUNTY, WASHINGTON

Kenneth A. Dahlstedt

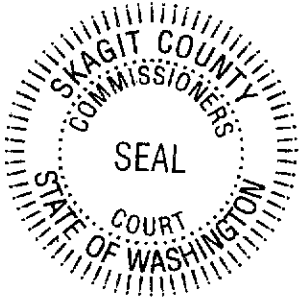
KEN DAHLSTEDT, Chairman

Ron Wesen

RON WESEN, Commissioner

Sharon D. Dillon

SHARON D. DILLON, Commissioner



Approved as to form:

(Presiding Only)

[Signature]
Civil Deputy

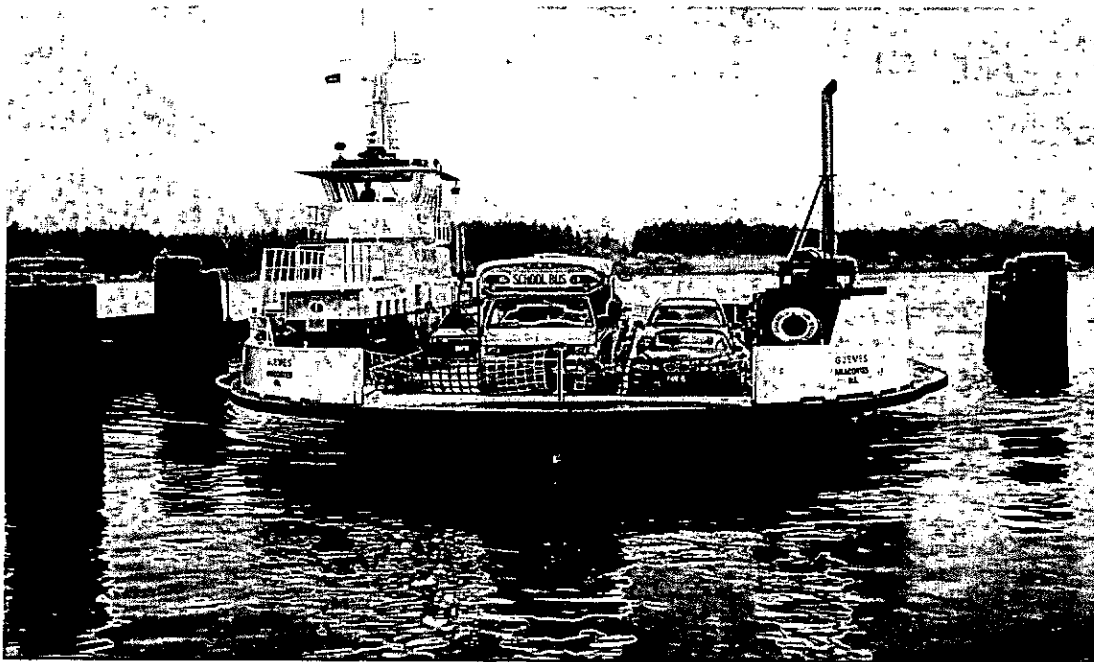
Attest:

Linda Hannan
Clerk of the Board

SKAGIT COUNTY



Fourteen-year Ferry Capital Improvement Plan 2010 - 2023



Prepared by
Skagit County Public Works Department

OVERVIEW

The Fourteen Year Program is a general guide for the effective, efficient and continuing operation of the Skagit County Ferry System. This program will assist the County Engineer and the Public Works Department in planning for capital projects that pertain to replacement, maintenance and improvements for the Skagit County Ferry System.

This program serves as a guide for long range planning, thus does not require strict adherence. The Skagit County Engineer will ultimately decide capital improvement projects based on priority, and available funds.

The capital projects listed here are the result of input from various County Departments, Governmental agencies, citizen groups, and 46 years of operating and maintaining the ferry system, while complying with applicable regulations.

Enacted in 1975, Revised Code of Washington (RCW) 36.54.015 states: The legislative authority of every county operating ferries shall prepare, with the advice and assistance of the county engineer, a fourteen year long range capital improvement plan embracing all major elements of the ferry system. Such plan shall include a listing of each major element of the system showing its estimated current value, its estimated replacement cost, and its amortization period.

BRIEF HISTORY OF THE GUEMES ISLAND FERRY SYSTEM

- Late 1800's, a private ferry system was established.
- Early 1900's the first vehicle ferry carried 6 cars, was privately owned, operated and subsidized by the County.
- 1958, the privately operated ferry expanded its service and purchased the M/V Almar with a capacity of 11 vehicles.
- 1962, Skagit County purchased the M/V Almar and all ferry facilities and began full management of the ferry system.
- 1978, Skagit County began planning for a larger ferry vessel and related dock improvements.
- 1979, Skagit County purchased the M/V Guemes, which currently serves Guemes Island with a capacity of approximately 20-22 vehicles, 100 passengers. The County also began to keep statistics regarding ferry ridership at this time.

The first Guemes Island Ferry Capital Facilities Plan was adopted by Skagit County Commissioners in December 1991. In 1997, the Transportation Systems Plan (TSP) provided an update of the Guemes Island ferry system plan for inclusion in the Transportation Element of the 1997 Skagit County Comprehensive Plan. Over the years, several capital facility improvements to the ferry system have been included in the annual Six-Year Transportation Improvement Program (TIP).

TABLE 1: FERRY SYSTEM CURRENT AND REPLACEMENT VALUES

2010 meets the requirement set forth in (RCW) 36.54.015 showing the current value, replacement cost, and amortization periods for the vessel and facilities. The current value of the vessel is the insured value, the closest approximation of true worth. The facilities current value is book value, original cost less depreciation.

RCW 36.81.121 (1) states: "...the legislative authority of each county, after one or more public hearings thereon, shall prepare and adopt a comprehensive transportation program for the ensuing six calendar years...and for those counties operating ferries shall also include a separate section showing proposed capital expenditures for ferries, docks, and related facilities. Copies of the program shall be filed with the County Road Administration Board (CRAB) and the secretary of transportation not more than thirty days after its adoption by the legislative authority..." Subsection (2) requires expanded information on how a county will spend all its money on the various facets of the transportation program. This RCW Section was enacted in 1961.

TABLE 2: PROJECTED EXPENDITURES

The capital expenditure portion of RCW 36.81.121 (1) is satisfied by Table 2 showing all expenditures for the system that meet Subsection (2) Requirements. Capital and Operational expenditures are categorized between vessel and non-vessel costs. United States Coast Guard regulations require that ferries be dry-docked every two years for inspection purposes. Skagit County has adopted an aggressive maintenance program which provides for annual dry docking. We have found that this maintenance program improves reliability, lowers costs and protects our capital investment.

The dock and bridge structures are inspected regularly as required by the National Bridge Inspection Standards administered through the Washington State Department of Transportation. This inspection report helps us identify and schedule major maintenance and replacement of these facilities.

This RCW section also provides the reporting requirement and timing of program submission, as well as establishing the annual update requirement.

TABLE 3: CAPITAL FACILITY IMPROVEMENT PLAN

This table is meant to provide general guidance for the Guemes Island Ferry System from 2010-2023, and specific capital facilities programming from 2010-2015. As required by RCW 36.54.015 "Ferries" and WAC 136-400-040 "Six-Year Transportation Improvement Program and ferry system fourteen-year plan submittal", portions of this plan along with other modified portions will be updated annually and submitted to the Washington State Secretary of Transportation.

TABLE 4: PROJECTED REVENUE

This table includes; Ferry Fare Receipts, Motor Vehicle Fuel Tax attributed to ferry operations, Ferry Deficit Subsidy, County Road Fund Subsidy and any grant funds.

SKAGIT COUNTY FOURTEEN-YEAR PLAN 2010 - 2023

TABLE 1: FERRY SYSTEM CURRENT AND REPLACEMENT VALUES

VESSEL

<i>CURRENT STATISTICS</i>	<i>M/V GUEMES</i>
Length	124'
Beam	52'
Displacement	91 GT
Year Built	1979
Capacity - Passengers	100
Anacortes Ferry Terminal Building	750
Current Insured Value	\$2,000,000
Total Vessel Current Value	\$25

<i>CURRENT BOOK VALUE</i>	<i>REPLACEMENT VALUE-2008</i>
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\$25

20

<i>REPLACEMENT STATISTICS</i>	<i>2002874</i>
Year	2020
Capacity - Passengers	149
Capacity - Cars	35
Total Vessel Replacement Value	\$12,250,000

\$12,250,000

FACILITIES

<i>LOCATION</i>	<i>YEAR BUILT</i>	<i>REPLACEMENT YEAR</i>	<i>CURRENT BOOK VALUE</i>	<i>REPLACEMENT VALUE-2008</i>
<i>Guemes Island Landing</i>				
Capital Expenditures Vessel & Non-Vessel (See	1979	2010	\$307,000	\$1,916,547
Transfer Span/Machinery	1979	2019	\$1,317,000	\$1,963,348
Dolphins/Wingwalls	1979	2009	\$250,000	\$1,902,169
Passenger Shelter	1979	2010	\$1,000	\$10,603
Parking Lot	1979	2020	\$150,100	\$564,275
Subtotal of Guemes Landing			\$2,025,100	\$6,356,942
<i>Anacortes Landing</i>				
Dock	1979	2011	\$880,000	\$2,880,779
Transfer Span/Machinery	1979	2019	\$1,317,000	\$1,963,348
Dolphins/Wingwalls/Breakwater	1979	2012	\$500,000	\$2,671,277
Terminal Building(s)	1979	2009	\$58,000	\$645,339
Parking Lots	2004	2040	\$999,467	\$1,617,667
Subtotal of Anacortes Landing			\$3,754,467	\$9,778,410
Total Facilities Values			\$5,779,567	\$16,135,352
Total Vessel & Facilities Values			\$5,779,592	\$28,385,352

SKAGIT COUNTY FOURTEEN-YEAR PLAN 2010 - 2023
TABLE 2: PROJECTED EXPENDITURES
 (in 1000's of dollars)

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Operations: Vessel														
Repairs and Maintenance (Drydock, other) (4810)	\$250	\$250	\$250	\$250	\$250	\$300	\$275	\$275	\$300	\$300	\$350	\$350	\$350	\$350
Wages & Benefits	\$926	\$962	\$991	\$1,021	\$1,053	\$1,085	\$1,118	\$1,151	\$1,186	\$1,221	\$1,258	\$1,296	\$1,334	\$1,374
Fuel (3200)	\$200	\$205	\$212	\$218	\$225	\$231	\$238	\$245	\$252	\$260	\$268	\$276	\$284	\$293
Operating Supplies (3120)	\$30	\$30	\$35	\$35	\$40	\$40	\$50	\$50	\$50	\$50	\$50	\$50	\$50	\$50
Spare Parts (3510)	\$20	\$20	\$20	\$20	\$20	\$20	\$20	\$20	\$20	\$20	\$20	\$20	\$20	\$20
Miscellaneous (9810)	\$14	\$15	\$16	\$17	\$18	\$19	\$20	\$21	\$22	\$23	\$24	\$25	\$26	\$27
Insurance	\$55	\$56	\$57	\$58	\$59	\$60	\$61	\$62	\$63	\$64	\$65	\$66	\$67	\$68
Subtotal - Vessel	\$1,505	\$1,538	\$1,581	\$1,619	\$1,665	\$1,755	\$1,781	\$1,824	\$1,893	\$1,938	\$2,036	\$2,082	\$2,132	\$2,182
Operations: Non-Vessel														
Facility Maintenance / Repair (4810)	\$10	\$165	\$154	\$4	\$4	\$56	\$81	\$6	\$6	\$6	\$358	\$79	\$258	\$8
Administration	\$116	\$111	\$114	\$117	\$120	\$123	\$126	\$116	\$117	\$118	\$121	\$122	\$123	\$125
Operating Supplies (3120)	\$65	\$65	\$70	\$70	\$72	\$70	\$74	\$74	\$74	\$75	\$76	\$77	\$80	\$85
External Taxes	\$25	\$26	\$27	\$27	\$28	\$29	\$31	\$31	\$32	\$33	\$33	\$34	\$35	\$36
Misc. (Incl. Ferry Operations Master Plan, \$45,000)	\$159	\$120	\$110	\$110	\$112	\$112	\$115	\$115	\$115	\$115	\$120	\$120	\$120	\$125
Subtotal - Non-Vessel	\$375	\$487	\$475	\$328	\$336	\$390	\$427	\$342	\$344	\$347	\$708	\$432	\$616	\$379

Capital Expenditures Vessel & Non-Vessel (See Table 3 for details)

Subtotal - Capital Expenditures	\$3,954	\$0	\$500	\$700	\$0	\$0	\$4,300	\$300	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL	\$5,854	\$2,025	\$2,556	\$2,647	\$2,001	\$2,145	\$6,508	\$2,466	\$2,237	\$2,285	\$2,743	\$2,514	\$2,748	\$2,561

SKAGIT COUNTY FOURTEEN-YEAR PLAN 2010 - 2023
TABLE 3: CAPITAL FACILITY IMPROVEMENT PLAN

Capital Item	Capital Projects													
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Asphalt Overlay Anacortes Terminal Area	\$100													
Dolphin replacement, Anacortes		\$500		\$250										
Dolphin replacement, Guemes Island	\$870													
Breakwater replacement sections				\$450										
Head frame and towers / Anacortes							\$300							
Head frame and towers / Guemes								\$300						
Dock / Substructure repairs / Anacortes	\$900													
Dock / Substructure repairs / Guemes	\$1,269													
Anacortes Ferry Terminal Building	\$750													
Major Ferry modification							\$4,000							
Passenger Parking Lot Walkway Anacortes	\$45													
Passenger Shelter, Guemes Island	\$20													
Total Estimated Annual Costs	\$3,954	\$0	\$500	\$700	\$0	\$0	\$4,300	\$300	\$0	\$0	\$0	\$0	\$0	\$0

(in 1000's of dollars)

SKAGIT COUNTY FOURTEEN-YEAR PLAN 2010 - 2023

TABLE 4: PROJECTED REVENUES

(in 1000's of dollars)

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Ferry Fare Receipts	\$851	\$868	\$885	\$904	\$922	\$940	\$963	\$983	\$1,003	\$1,023	\$1,044	\$1,065	\$1,087	\$1,109
Motor Vehicle Fuel Tax	\$118	\$119	\$120	\$121	\$123	\$124	\$125	\$126	\$127	\$128	\$129	\$130	\$131	\$132
MVFT Deficit Subsidy	\$100	\$100	\$100	\$100	\$100	\$100	\$100	\$100	\$100	\$100	\$100	\$100	\$100	\$100
Anacortes Ferry Terminal Building	\$750													
Grant Funding	\$2,614					\$4,000								
Total Revenue:	\$4,433	\$1,087	\$1,105	\$1,125	\$1,145	\$1,164	\$5,188	\$1,209	\$1,230	\$1,251	\$1,273	\$1,295	\$1,318	\$1,341