

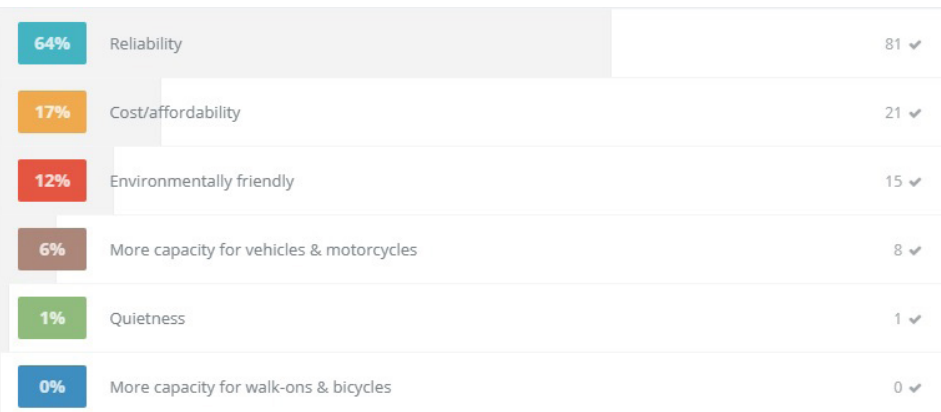
# Skagit County Ferry Replacement News

## GIVE US YOUR FERRY INPUT

- We have a NEW way for you to share feedback.
- Please take our survey about your current ferry use AND share ideas for the new ferry:

[publicinput.com/1970](http://publicinput.com/1970)

What is the most important thing Skagit County should consider in a new ferry?



Skagit County  
Public Works Department  
1800 Continental Place  
Mount Vernon WA 98273-5625



# Skagit County Ferry Replacement News

October 2017

## FERRY PUBLIC FORUM

5:30 p.m. Thursday, Nov. 2  
Guemes Community Center

**Operations update**  
**Guemes parking lot project**  
**Ferry replacement project**

Join the Skagit County Commissioners, Public Works Department and naval architect Glosten for a public forum on ferry operations.

The meeting is set for 5:30 p.m. Thursday, Nov. 2, at the Guemes Island Community Center, 7549 Guemes Island Road.

Agenda items include an operations update

(ridership and revenue statistics, as well as revenue target report), conceptual design and cost estimate for the Guemes parking lot project, and an update on the ferry replacement project from Glosten's Will Moon.

For more on the replacement project, see our project schedule update on page 3.

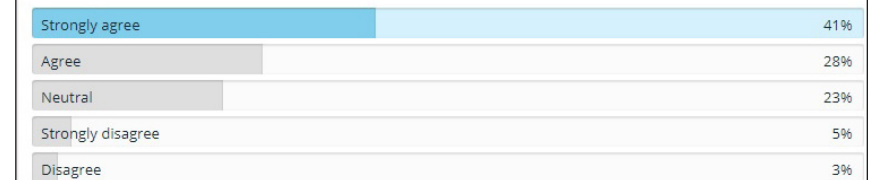
## Share your input on ferry replacement

At the Aug. 29 public meeting on Guemes, folks told us that they'd like to see an online system for public input.

Last month, we partnered with publicinput.com to launch a site where we can share information and gather input for the ferry replacement project. It's important that we can effectively engage with you and get your feedback.

Cont. on page 2

I support an all-electric vessel to replace the current ferry.



A question from the current survey is shown above. When you pick an answer to any of the survey questions, you instantly get to see the results. As more of your friends and neighbors take the survey, we'll get better data. To take the survey right now, simply scan the QR code shown to the right or visit [publicinput.com/1970](http://publicinput.com/1970).



**FERRY EMAIL UPDATES:** ► visit [skagitcounty.net/email](http://skagitcounty.net/email) ► click "Guemes Island Ferry Information"

Capt. Rachel Rowe | 360-416-1400 | [rrowe@co.skagit.wa.us](mailto:rrowe@co.skagit.wa.us) | [www.skagitcounty.net/ferryreplacement](http://www.skagitcounty.net/ferryreplacement)





In order of priority, what system improvements should Skagit County focus on? (Click to rank OR drag to rearrange your answers.)

1st service disruptions

2nd ferry fares

3rd the sailing schedule

4th the ticketing system

5th parking

6th loading procedures

7th waiting areas

Confirm Priorities & View Results

Haven't taken the survey? Got 5 minutes? Go to [publicinput.com/1970](http://publicinput.com/1970). This initial survey has 10 questions. Your responses are anonymous. Some questions that have multiple answers require you to click "View Results" in order to see the tally of responses. If you have already taken the survey, you can reopen it, and your results will appear. This allows you to track new comments and respond.

# We need your input: Survey is fast, simple

From page 1

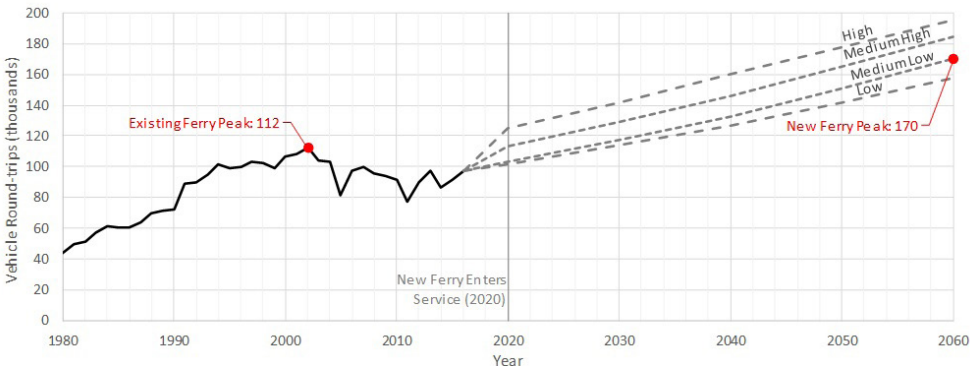
In the coming months, we'll post project updates, and you can take surveys and see feedback submitted by your neighbors. Skagit County and Glostén will answer technical questions and follow the discussion. We have a survey open right now at [publicinput.com/1970](http://publicinput.com/1970). So far, we have had 142 participants. In order to have a valid response group, we need to hear from more of you. Preliminary decisions that will shape the next 40 years are happening now. Your voice is needed.

# Ferry concept design work currently underway

Concept design is currently underway. During this process, Glostén is determining all the things the new vessel will need to do and be. Concept sketches will define how the vessel will look and feel. The initial design studies will look at vehicle and passenger capacity, level of service, terminal interface, propulsion options, life-cycle costs, basic arrangements, weights, stability, etc.

The vessel capacity study is available for review online at [bit.ly/GuemesFerryReplacement](http://bit.ly/GuemesFerryReplacement).

The purpose of this report is to calculate capacity for a new ferry, based on past ridership and estimates for future ridership. This report might change as we proceed with further design studies.



Based on historic and current data, Glostén projects annual vehicle ridership to be approximately 170,000 by the year 2060, an increase of 74% over current levels.

The new ferry is proposed to carry 32 vehicles and is intended to be in service from 2020 to 2060. Vehicle ridership has increased 158% from 1980 to its peak in 2002. Passenger ridership increased 101% from 1980 to its peak in 2007. Today, 0.001% of all ferry trips are likely to contain a

full load of passengers, and 22% of all ferry trips are likely to contain a full load of vehicles. Based on these percentages, the new ferry's capacity is dominated by vehicle demand. Glostén developed a ridership forecasting model that accounts for local population, fares and parking at

# Phase 1: Estimated Project Schedule

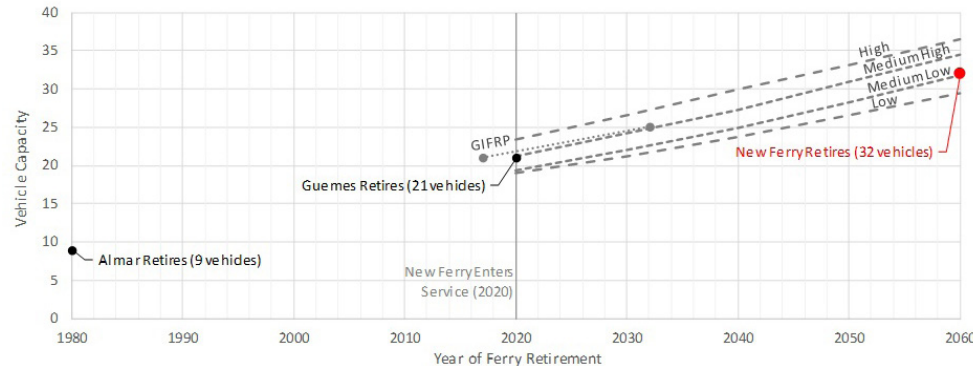
PROJECT TASKS	SEPT.	OCT.	NOV.	DEC.
Design Studies				
Forecasting				
System Analysis				
Concept Design				
Propulsion Study				
Preliminary Design (30%)				
Cost Estimate				
Prep for CFCIP Funding				

# Ferry Committee Meeting

The next Ferry Committee meeting with Public Works is **2-3:50 p.m. Friday, Nov. 3**, at the Anacortes Library. The meeting is located in the

meeting room inside the lobby and is open to the public. Feel free to join us; the focus is the ferry replacement project.

# Forecasting rider, vehicle use through 2060



Based on historic and current data, Glostén projects a vessel that carries 32 vehicles will serve most effectively until the year 2060.

the terminals. Increasing population increases ridership; increasing fares reduces ridership; and increasing parking reduces vehicle ridership. Glostén found that these three factors have statistically significant impacts on ridership. Glostén's ridership forecast used

low-, medium- and high-population projections that were prepared by Skagit County's Planning Department. The most likely outcome is the medium-population projection. Skagit County has chosen to pursue the medium-low outcome for planning purposes. As shown, annual

vehicle ridership is forecasted to be approximately 170,000 in 2060, an increase of 74% over 2016 levels. Glostén scaled the capacity of the new vessel by using the ratio of the existing vessel's ridership in its busiest year to the forecasted ridership in 2060. A capacity of 32 vehicles matches Skagit County's medium-low forecast target. Glostén is calculating the maximum number of vehicles that could be carried while maintaining a schedule of two round-trips per hour. Skagit County has an opportunity to apply for up to \$10 million in grant funding through the County Ferry Capital Improvement Program. The application is due December 31. This is an aggressive schedule, but we are confident we will be ready.