

## Mukilteo Multimodal Project Design Update



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## Welcome and Agenda

- Project overview
- Construction update
- Design update
- Next steps
- WSDOT Pedestrian Improvements



## Why is this Project Needed?

- One of WSF's busiest routes
  - 2.1 million vehicles per year
  - 4.1 million total riders per year
- The 60-year-old terminal is vulnerable to earthquakes
- Improves safety, operations, and efficiency
- Promotes multimodal connections



*Current terminal deficiencies*

## Construction Update – Phase 1 Complete

- Tank farm pier removal is complete, one year ahead of schedule
- Tank farm pier contained 3,900 creosote-treated timber pilings
- Clears way for new terminal



*Tank farm pier, before and after*

## Project Features



## Project Features





Washington State Ferries

# Mukilteo Multimodal Project

## Project Features



Washington State  
Department of Transportation

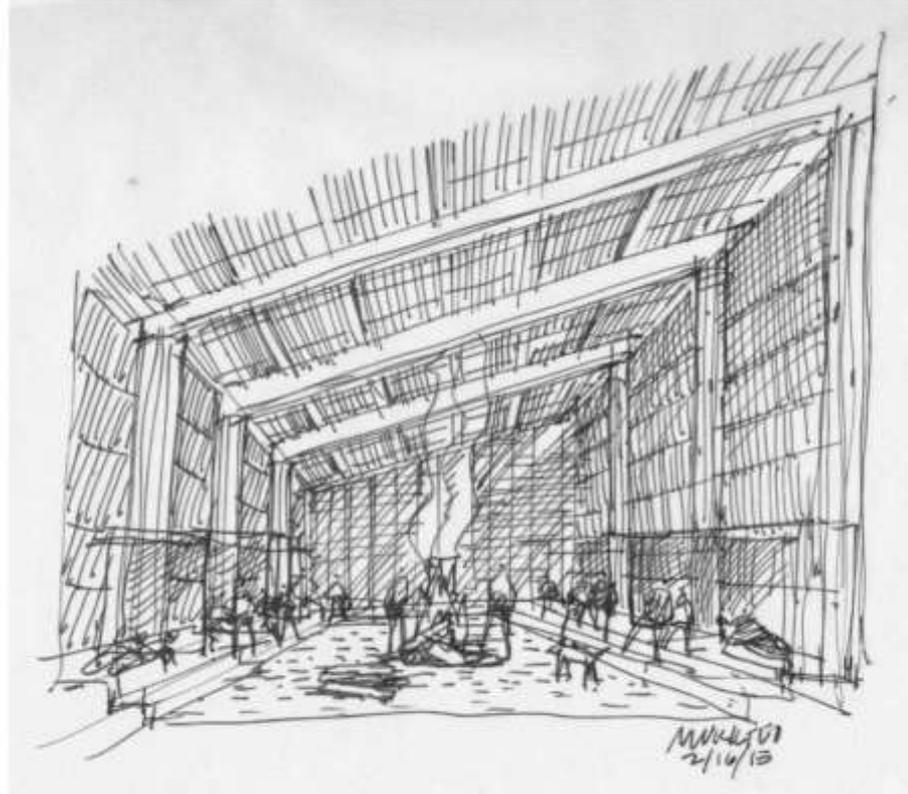
## Design Progress – 60 Percent Complete



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## Design Progress – 60 Percent Complete



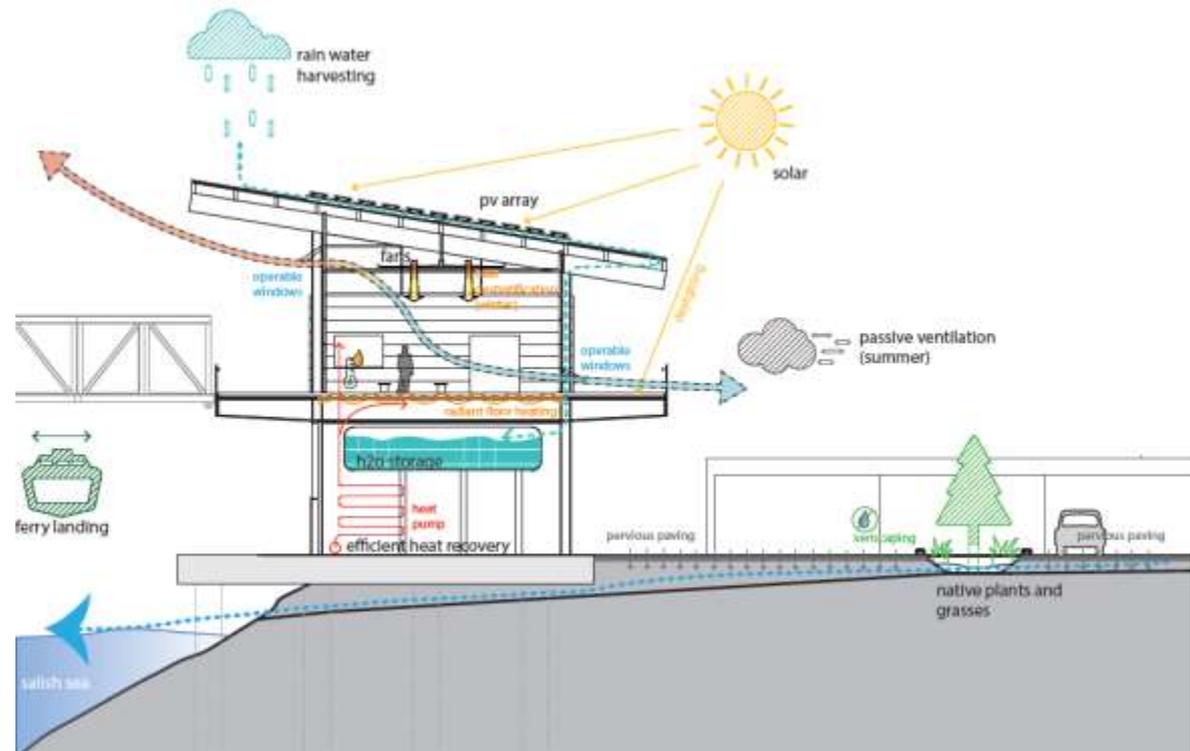
“Use elements of the longhouse in the design of the terminal.”

## Design Progress – 60 Percent Complete



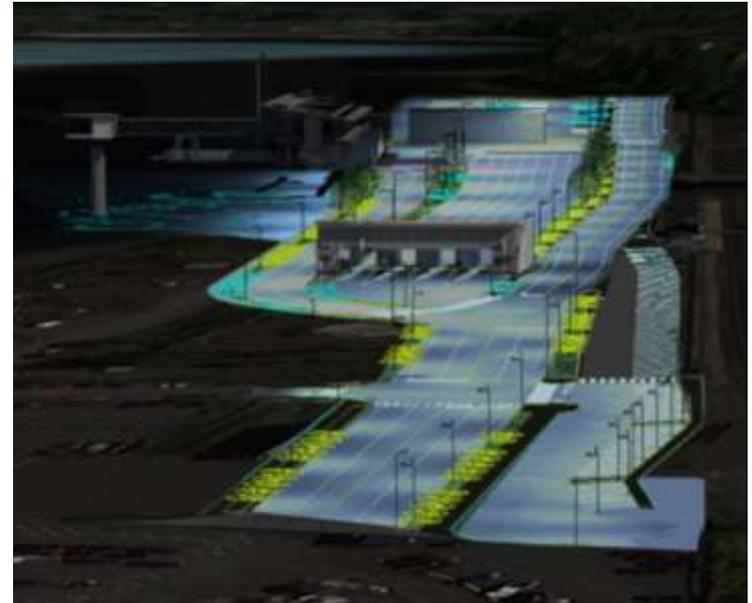
## Design: Environmental Features

- Evaluating LEED Silver design elements:
  - Harvesting rain water
  - Solar panels
  - Native plants
  - Natural ventilation
  - Net zero ready
  - Reclaimed/recycled materials



## Lighting

- Lighting plan and fixtures will seek to minimize impacts to neighbors
- Safety standards will be maintained; only terminal areas will be lit
- Light level will be reduced outside of operation hours



*Terminal lighting design*

## Next Steps

- Acquire property needed to build the project
- Final design of ferry terminal (in progress)
- Working with partners and stakeholders
- Begin constructing terminal (2017)
- New terminal opens 2019
- Remove existing terminal 2019
- Ongoing public involvement



# ***SR 525***

## ***Pedestrian Improvements***

**Roger Millar**  
Acting Secretary

**Lorena Eng**  
Regional Administrator

**John Chi**  
Project Engineer

February 2016

# ***PROJECT LOCATION***

The project is located in the City of Mukilteo on SR 525 between 5<sup>th</sup> Street and Front Street (MP 8.18 and MP 8.46)



# ***PROJECT DESCRIPTION***

This project improves SR 525 to provide pedestrian and bicyclist access to the Mukilteo waterfront, Sound Transit Mukilteo Sounder Station, and Washington State Ferry. Two alternatives were developed for construction in 2019 after work on the new Mukilteo Ferry terminal is complete. However, these alternatives are preliminary and WSDOT is seeking comments and other ideas from the public.



Access Improvement Alternative



Pedestrian/Bicycle Bridge Alternative

# Access Improvement Alternative

## Description:

- Restripe SR 525 to a three lane configuration between 5<sup>th</sup> Street and Front Street to provide space for bike lanes and wider sidewalks on the bridge.
- Provide pedestrian improvements on 2<sup>nd</sup> Street and on SR 525 between 2<sup>nd</sup> and 3<sup>rd</sup> streets.

## Schedule

- Fall 2019 advertisement after the completion of Mukilteo Ferry terminal project.
- Spring 2020 Construction start.
- Pedestrian improvements on 2<sup>nd</sup> Street and SR 525 between 2<sup>nd</sup> and 3<sup>rd</sup> can be constructed as a separate project as early as 2018.

## Cost:

- \$2.0M to \$2.5M (within the budgeted amount of \$2.6M from grant application)

# Access Improvement Alternative

Pedestrian improvements on 2<sup>nd</sup> Street and on SR 525 between 2<sup>nd</sup> and 3<sup>rd</sup> streets:

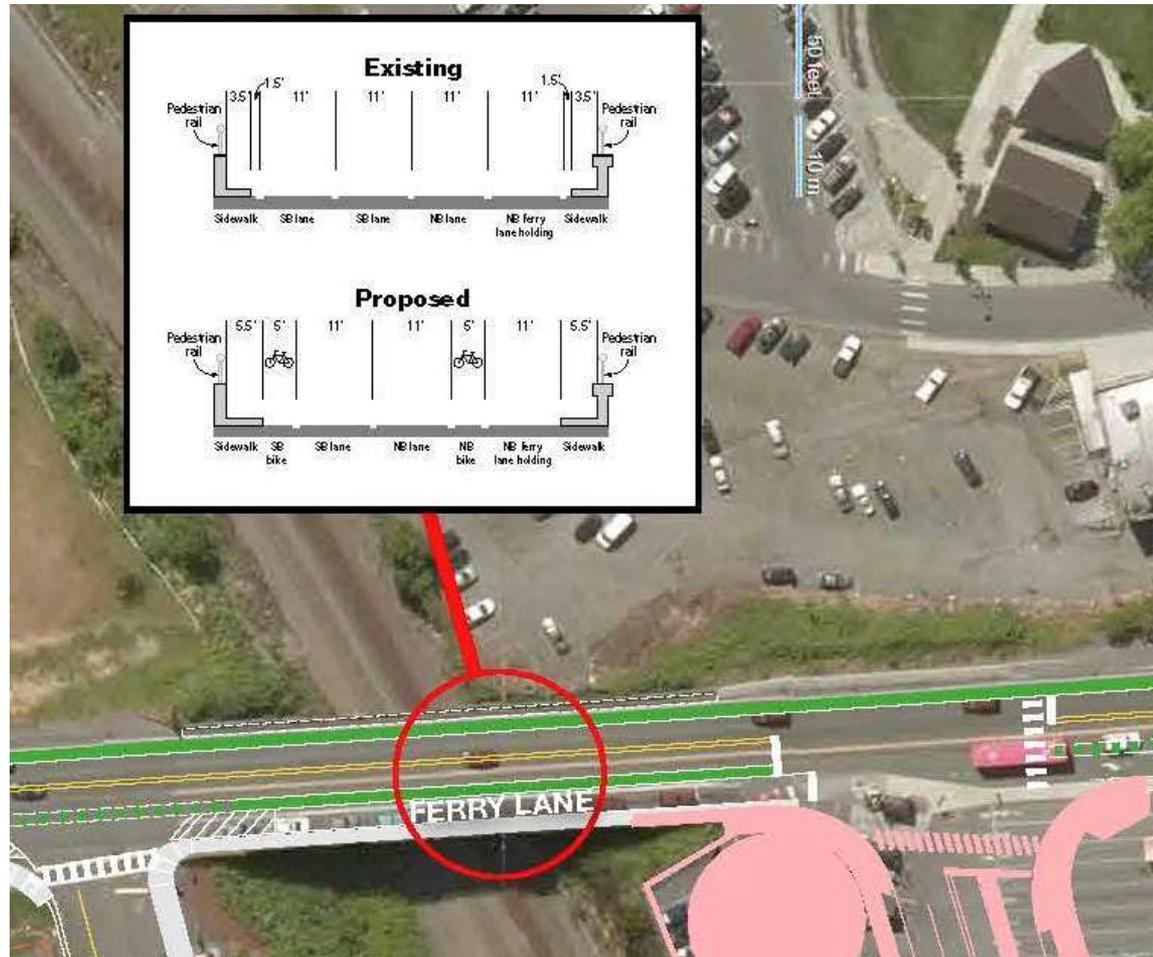
- Install 10-foot sidewalk on north side of 2<sup>nd</sup> Street.
- Restripe 2<sup>nd</sup> Street to add approximately 29 parking stalls.
- Install sidewalk on the east side of SR 525 between 2<sup>nd</sup> and 3<sup>rd</sup> streets.



# Access Improvement Alternative

## Bridge modifications

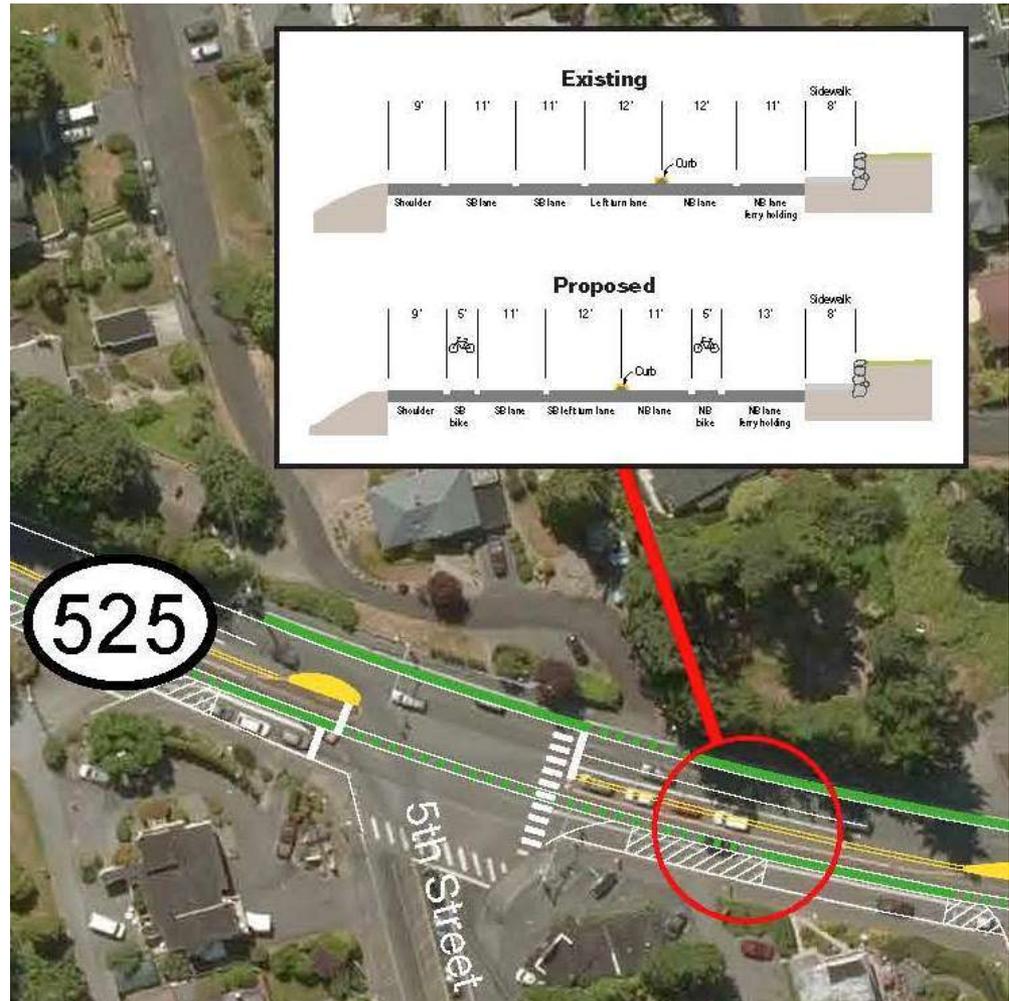
- Widen the existing sidewalk to 5.5-foot sidewalk
- Restripe to add 5-foot bike lanes



# Access Improvement Alternative

Striping and signing at 5<sup>th</sup> Street:

- Restripe to add 5-foot bike lanes.
- Improve signing and add additional signal display to clarify lane assignment.



# ***Pedestrian/Bicyclist Bridge Alternative***

## Description:

- New 10 foot wide pedestrian/bicycle bridge parallel to and east of the existing bridge.

## Schedule

- Fall 2019 advertisement after the completion of Mukilteo Ferry project.
- Spring 2020 Construction start.

## Cost:

- \$3.5M to \$7M depending on railroad clearance (exceeding the budgeted amount of \$2.6M from grant application).
- Does not include improvements on 2<sup>nd</sup> Street or sidewalk on SR525 between 2<sup>nd</sup> and 3<sup>rd</sup> streets.

# ***Pedestrian/Bicyclist Bridge Alternative***

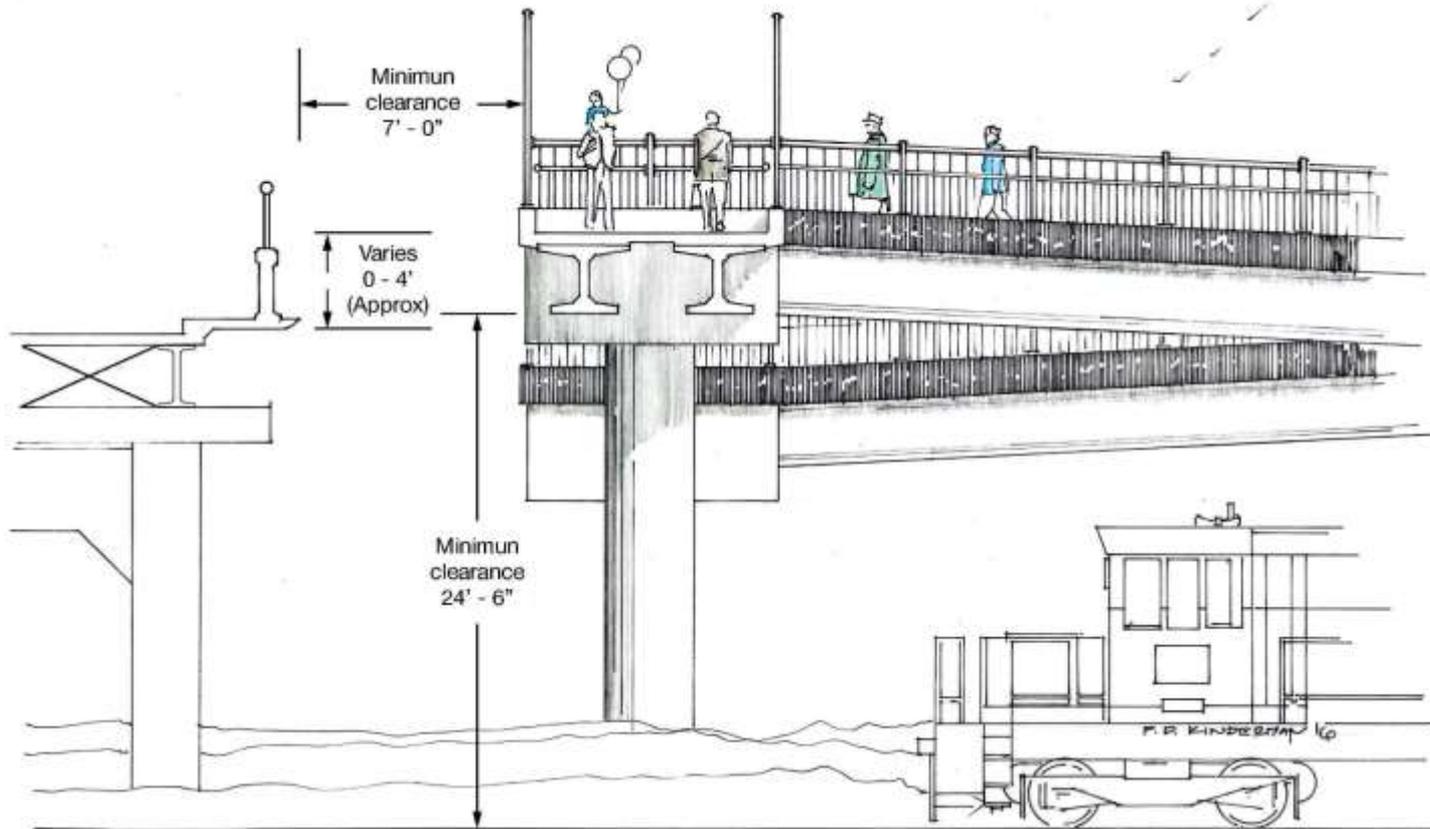
New Pedestrian/Bicyclist Bridge:

- 10-foot wide bridge per the Grant application.
- 270 foot long crossing the railroad track with tight ADA switchback ramp.



# ***Pedestrian/Bicyclist Bridge***

The proposed bridge is approximately 4 feet higher than existing bridge to provide the required railroad clearance



# ***Pedestrian/Bicyclist Bridge***

Impact to the Mukilteo Terminal Improvement project:

- Loss of at least six parking stalls in the proposed City overflow parking lot with the proposed cul-de-sac shifting to the east.
- Need right of way from BNSF railroad.



# *Help shape the future of SR 525*

- We want your ideas and comments.
- We want to build something that works for the community.
- Your ideas and comments will help shape Preferred Alternative.

## Thank you!

For more information, visit:

[www.wsdot.wa.gov/projects/ferries/mukilteoterminal/multimodal/](http://www.wsdot.wa.gov/projects/ferries/mukilteoterminal/multimodal/)

