

# SR 108/US 101, Mason and Thurston Counties Remove Fish Barriers

Businesses

February 18, 2021

# Agenda

1. Introductions and purpose
2. Program overview
3. Project overview
4. Traffic strategies
5. Engagement next steps
6. Project schedule
7. Questions and next steps

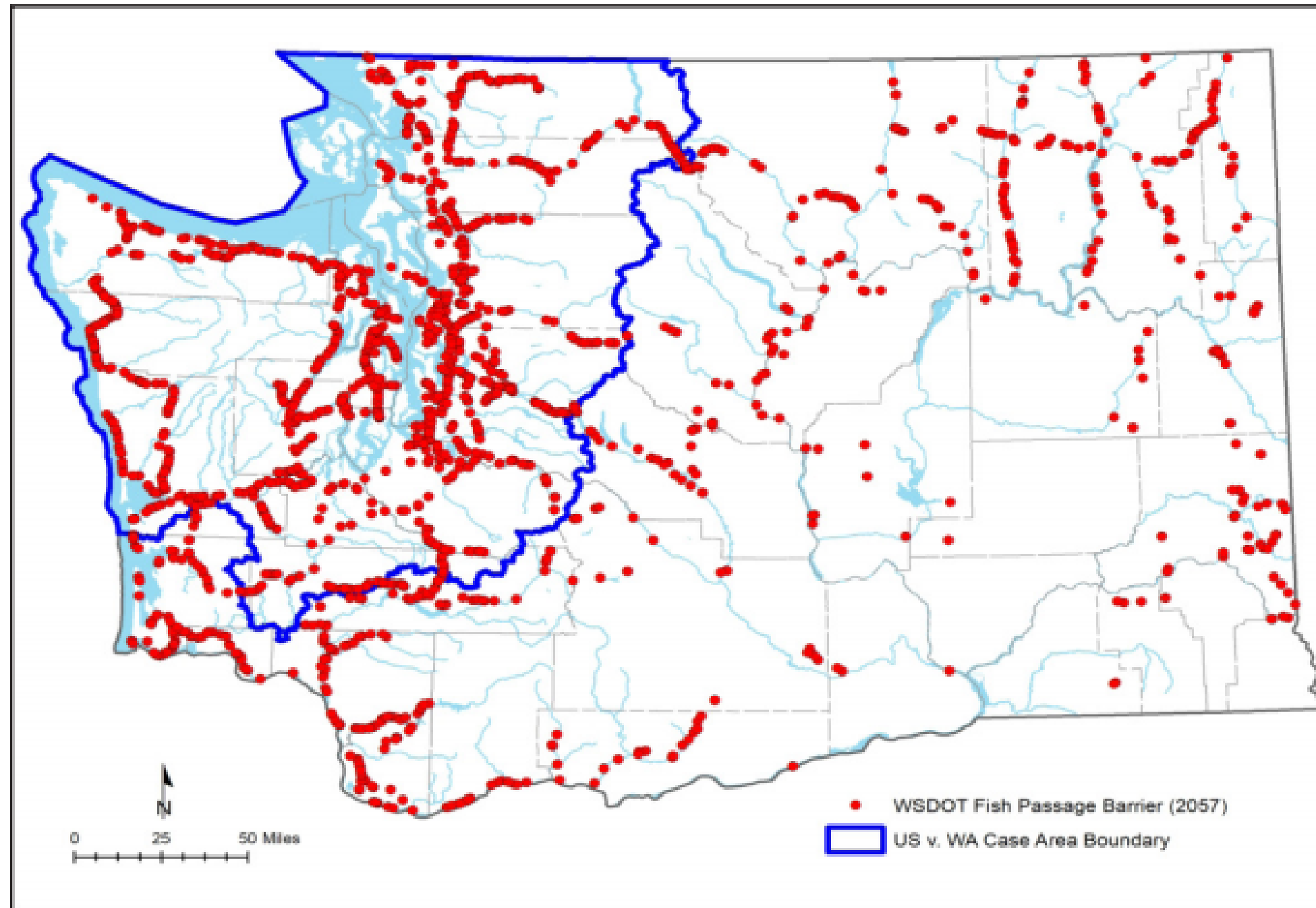
## Seeking your input

### Alternatives

- Extended duration 24/7 alternating one-way traffic
- Limited duration total closure

# Federal court injunction:

*Remove 1,012 fish barriers by 2030*



## Before



*The culvert on State Route 8 for the East Fork of Wildcat Creek was a barrier to fish passage.*

## After

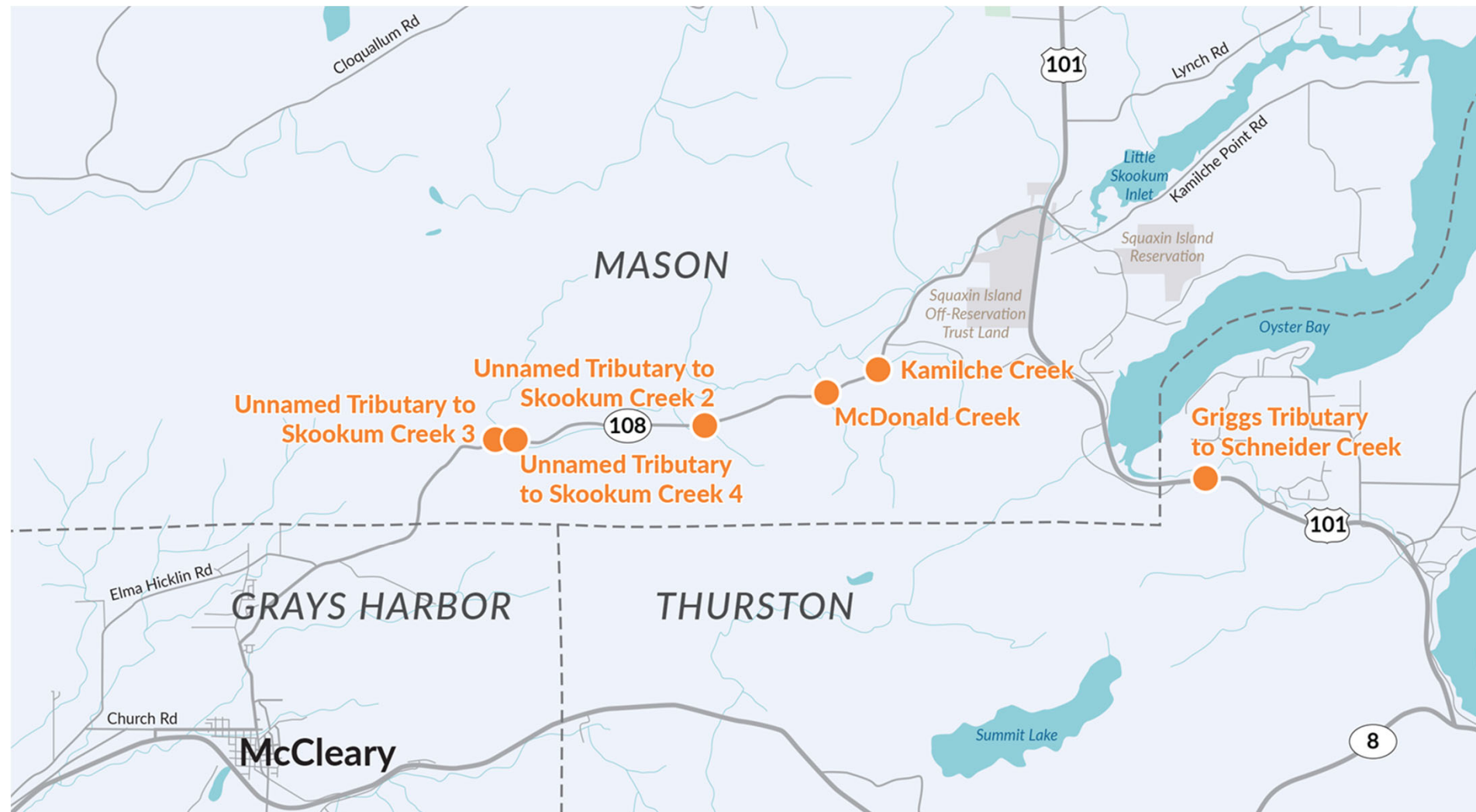


*WSDOT replaced the culvert with a bridge in 2018, improving access to miles of upstream habitat to fish.*



# SR 108/US 101, Mason & Thurston Counties Fish Barrier Removal Project

## Construction 2023-2024

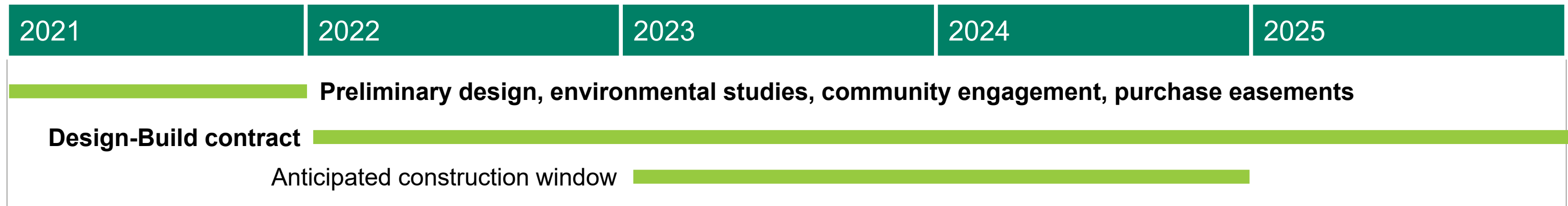


### WSDOT will remove six fish barriers

- US 101 MP 357.4, Griggs Tributary to Schneider Creek
- SR 108 MP 5.5, Unnamed Tributaries to Skookum Creek 3 & 4
- SR 108 MP 7.6, Unnamed Tributary to Skookum Creek 2
- SR 108 MP 8.9, McDonald Creek
- SR 108 MP 9.5, Kamilche Creek

# Project schedule

- NEPA process (June 2020 – September 2021)
- Purchase temporary easements (September 2021 – April 2022)
- Design-Build procurement
- Design-Build Contract (2022 – 2025)





# What could construction look like?



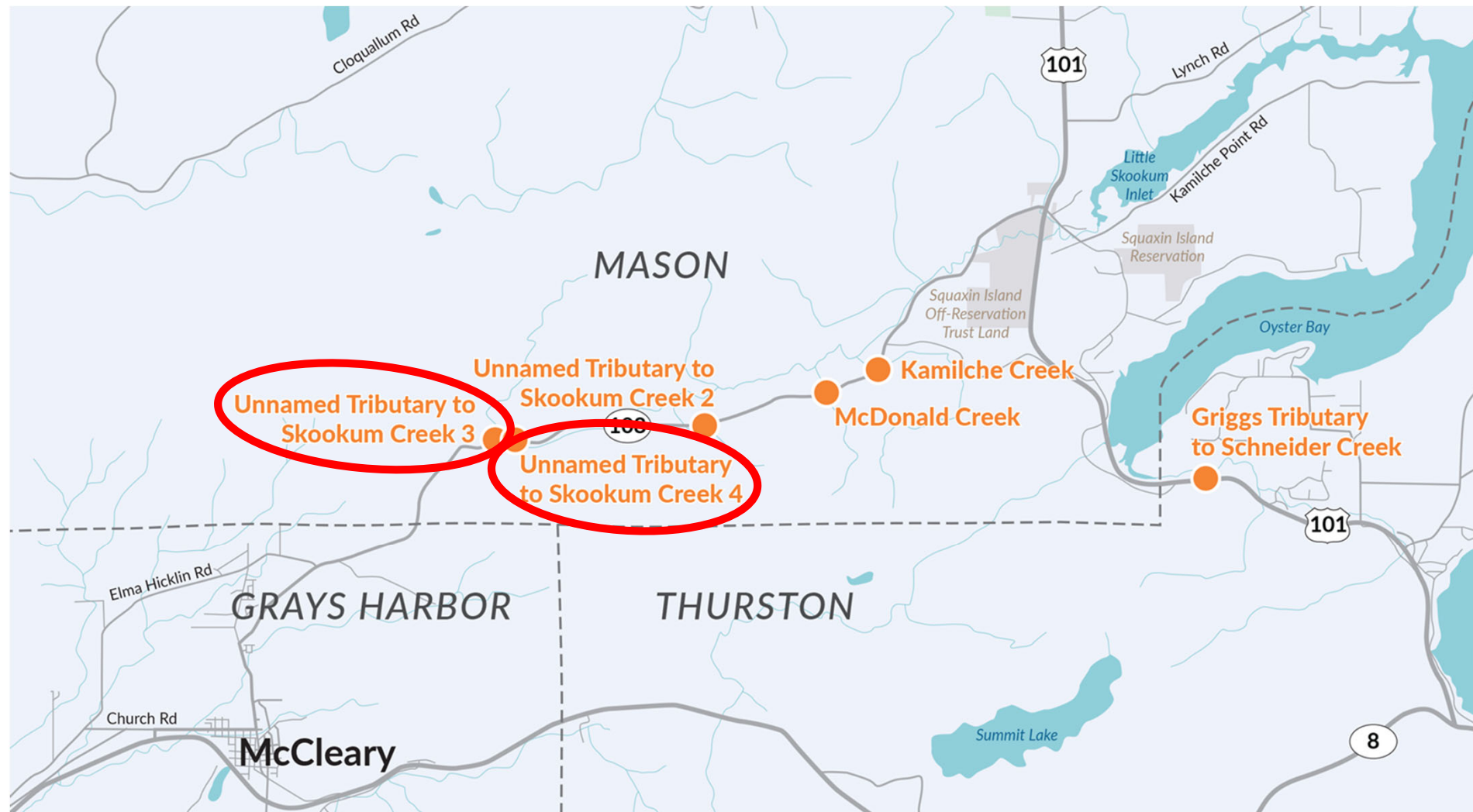
Steamboat Creek







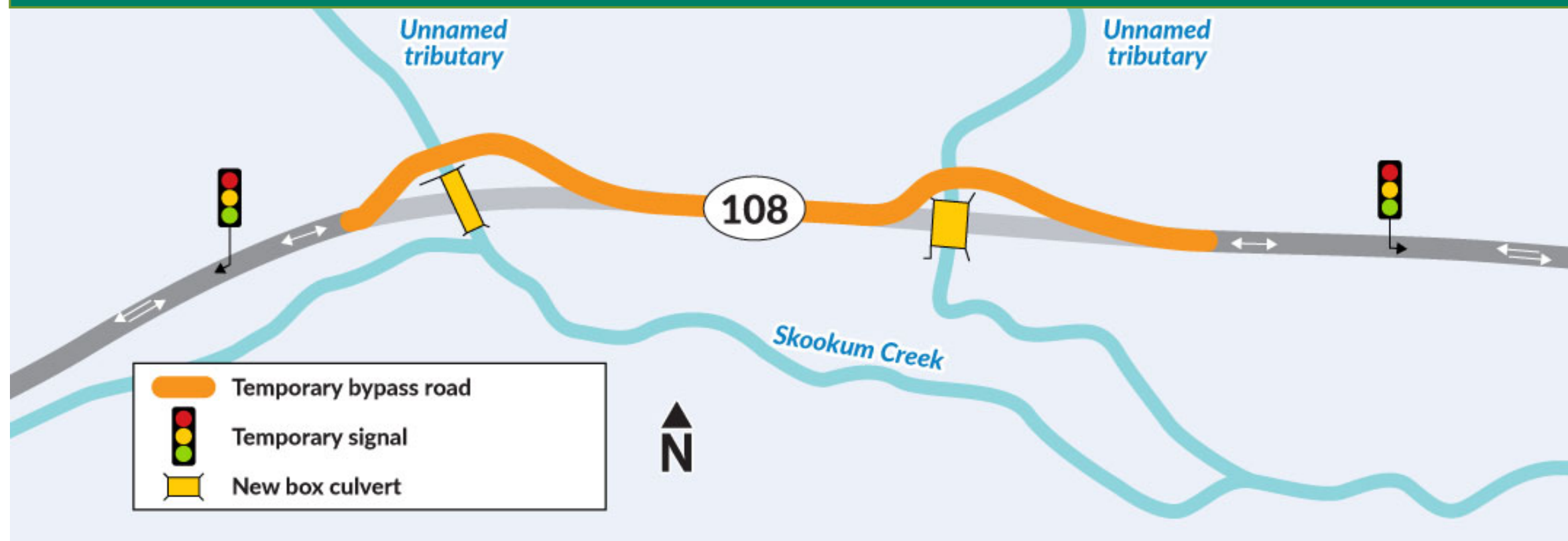
# SR 108/US 101, Mason & Thurston Counties Fish Barrier Removal Project



# Unnamed Tributary to Skookum Creek 3 & 4: SR 108 MP 5.50 & 5.54

## *Temporary bypass road option*

### Temporary one-lane bypass



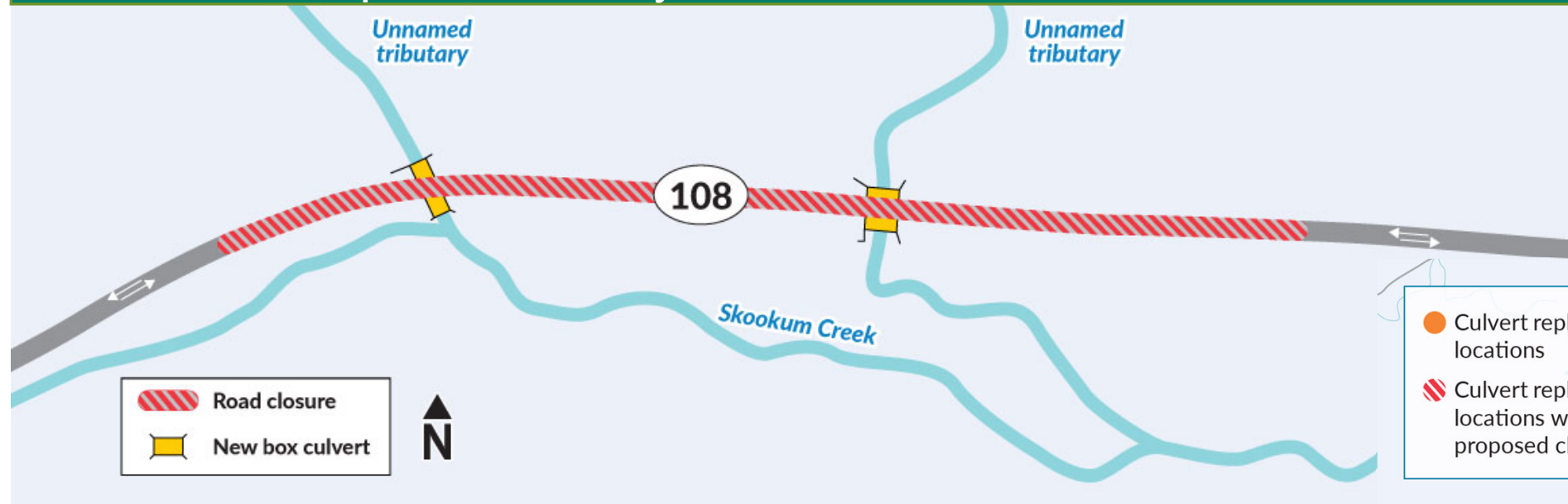
- One-way alternating traffic
- 24/7 bypass
- 3–5-minute average delay

### Alternating Bypass Option

91 days (about 3 months)

# Unnamed Tributary to Skookum Creek 3 & 4: SR 108 MP 5.50 & 5.54

Full closure option – 14 days

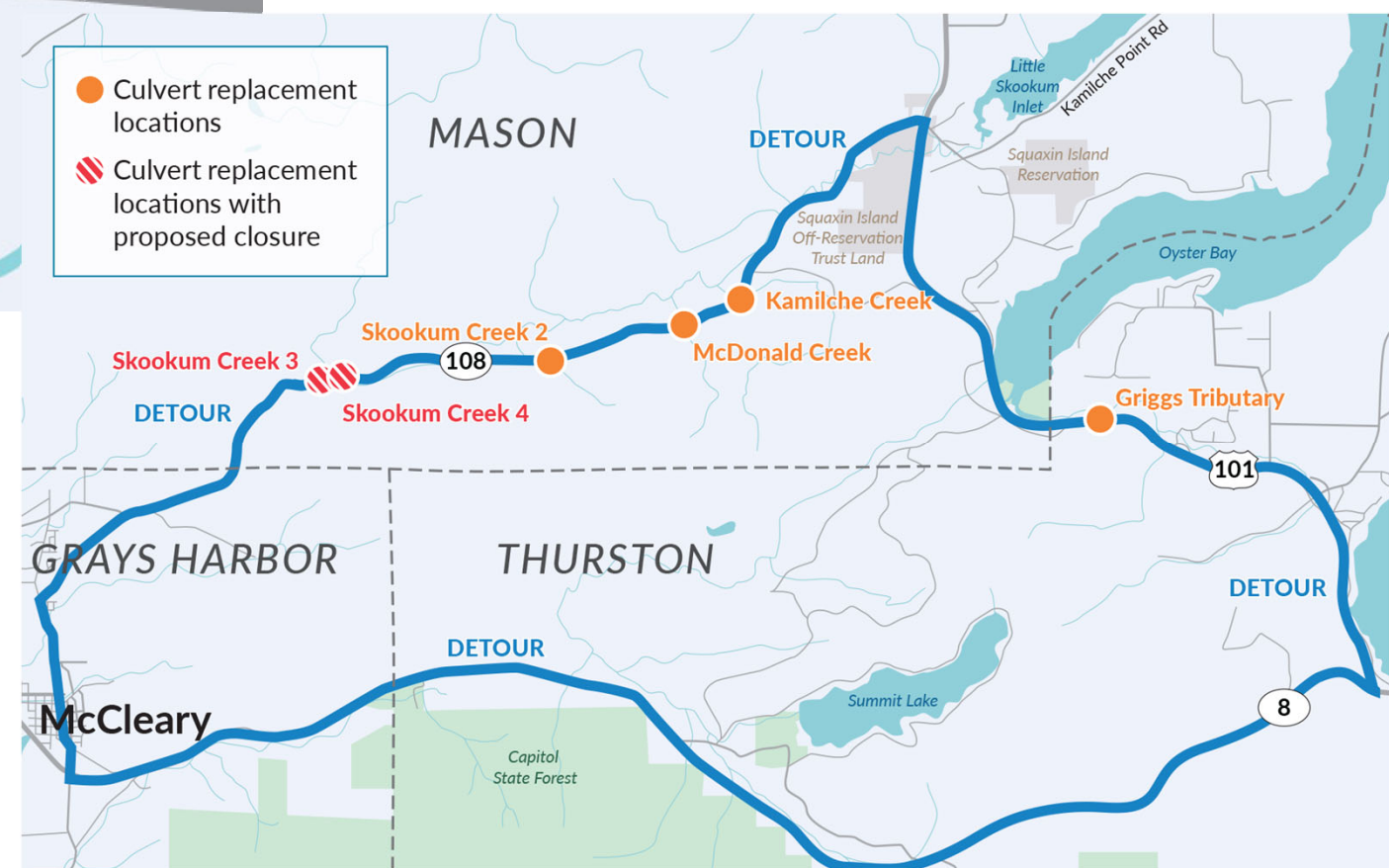


Total Closure Option

14 days

28 days

One-way flagger



# Unnamed Tributary to Skookum Creek 3 & 4: SR 108 MP 5.50 & 5.54

## Total Closure Option



Or

## Alternating Bypass Option

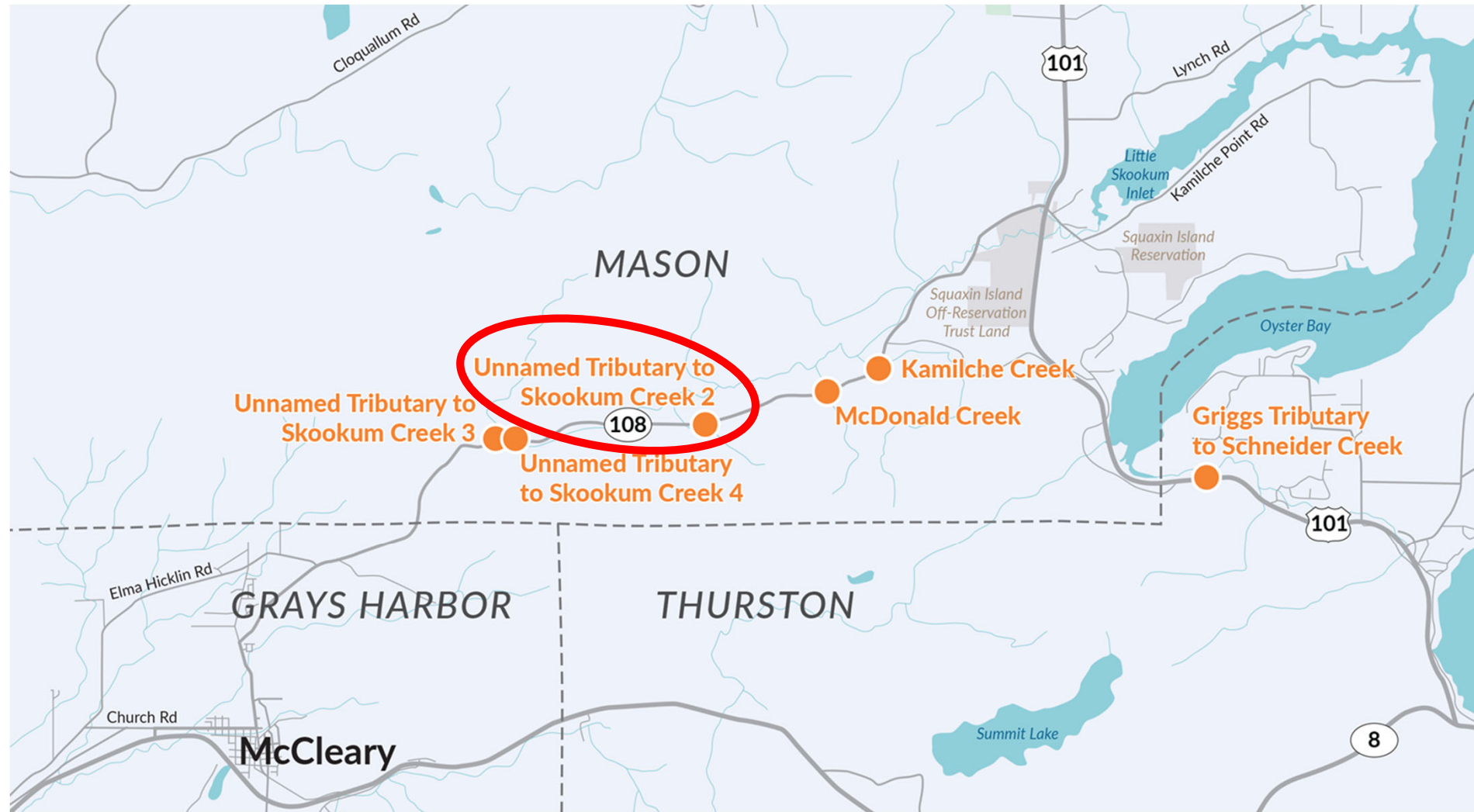


- 24/7 bypass
- 3–5-minute average delay

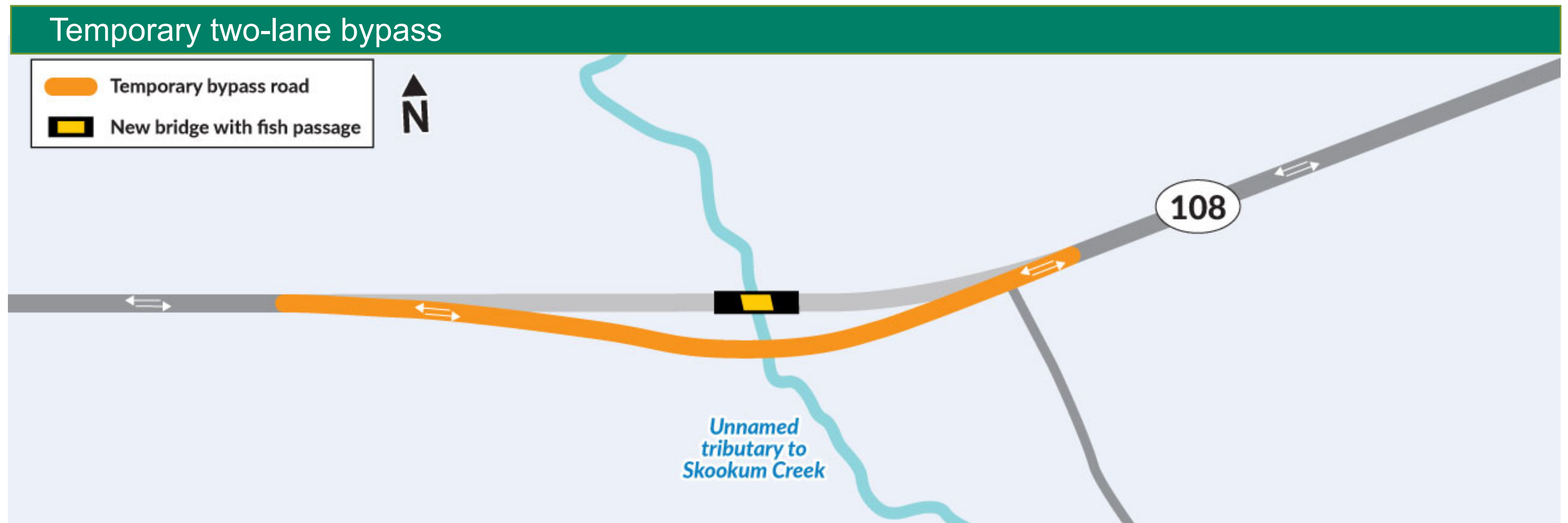
Sequim Bay Lodge



# SR 108/US 101, Mason & Thurston Counties Fish Barrier Removal Project

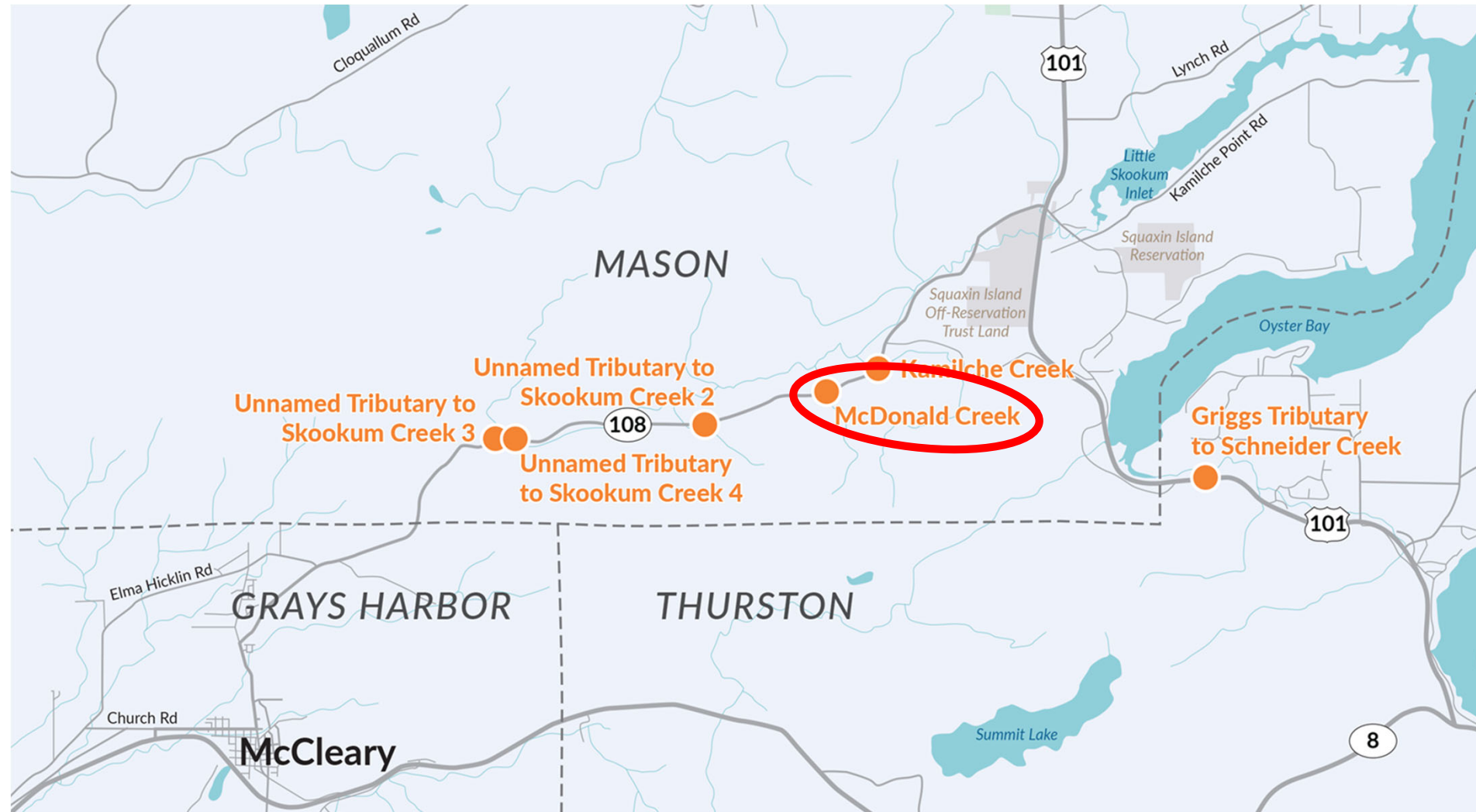


# Unnamed Tributary to Skookum Creek 2: SR 108 MP 7.62



- Temporary bypass road in place about 7.5 months
- Two-way traffic

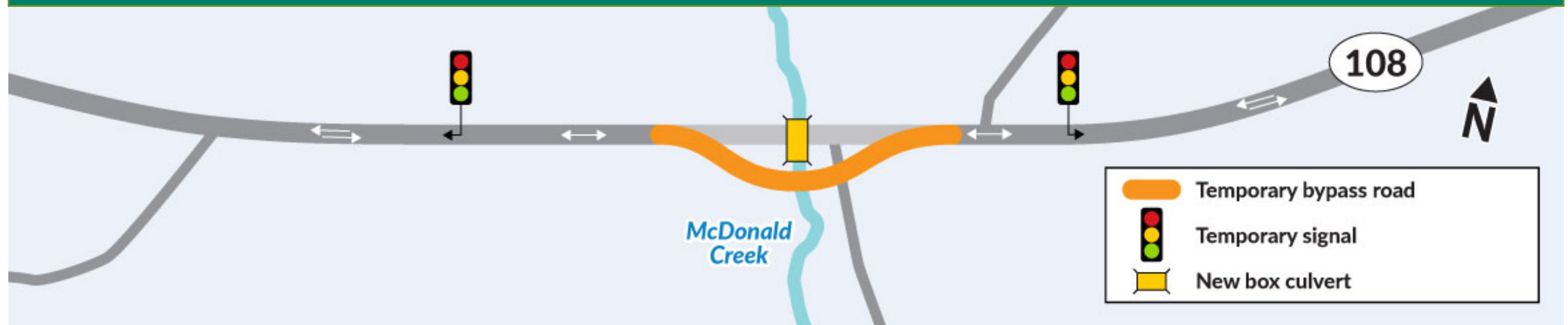
# SR 108/US 101, Mason & Thurston Counties Fish Barrier Removal Project



# McDonald Creek: SR 108 MP 8.89

## *Temporary bypass road option*

### Temporary one-lane bypass



- One-way alternating traffic
- 24/7 bypass
- 3–5-minute average delay

### Alternating Bypass Option

91 days (about 3 months)



# McDonald Creek: SR 108 MP 8.89

## *Temporary full closure option*

Full closure option – 7 days



### Total Closure Option

7 days 28 days

One-way flagger



# McDonald Creek: SR 108 MP 8.89

## Total Closure Option



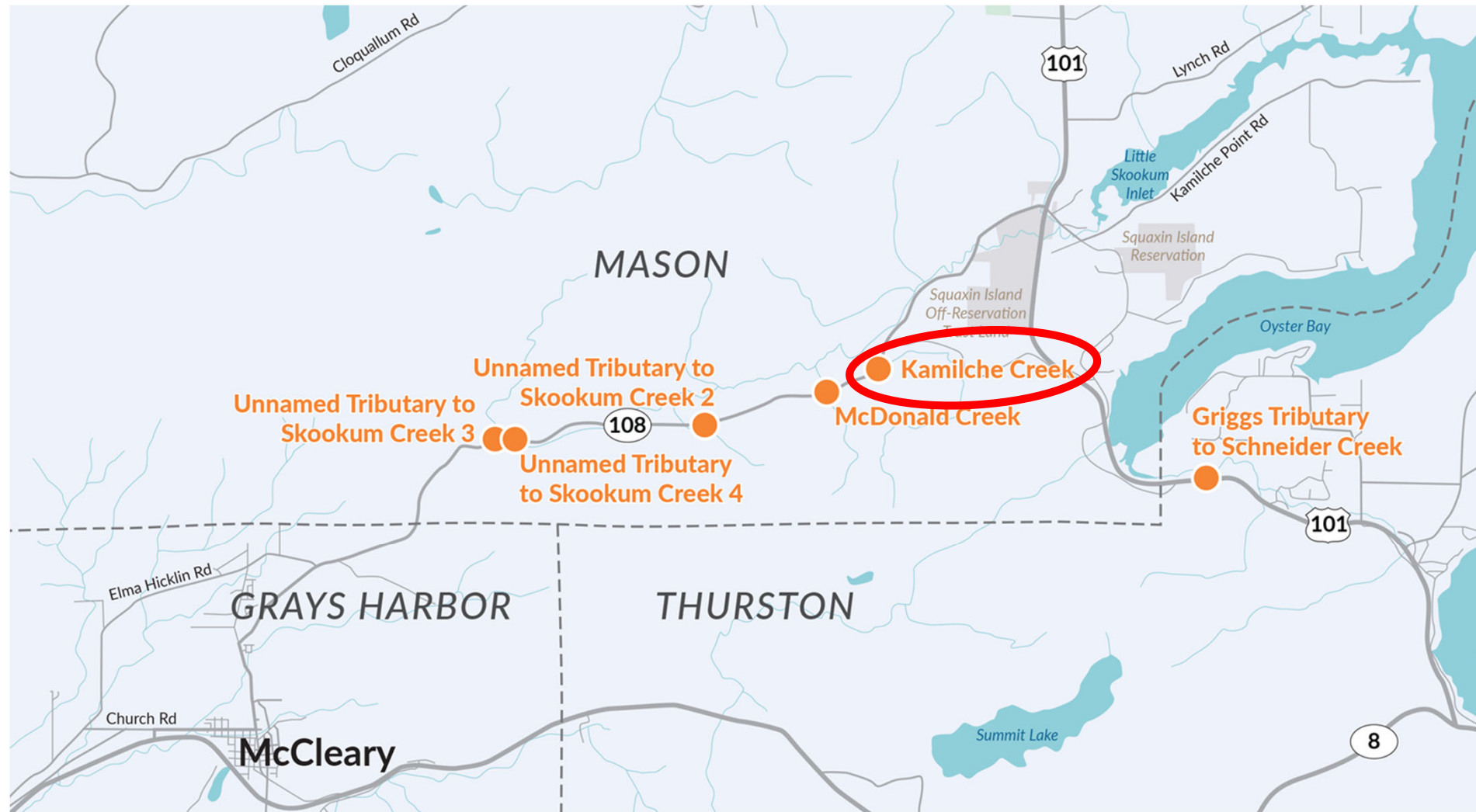
Or

## Alternating Bypass Option

91 days (about 3 months)

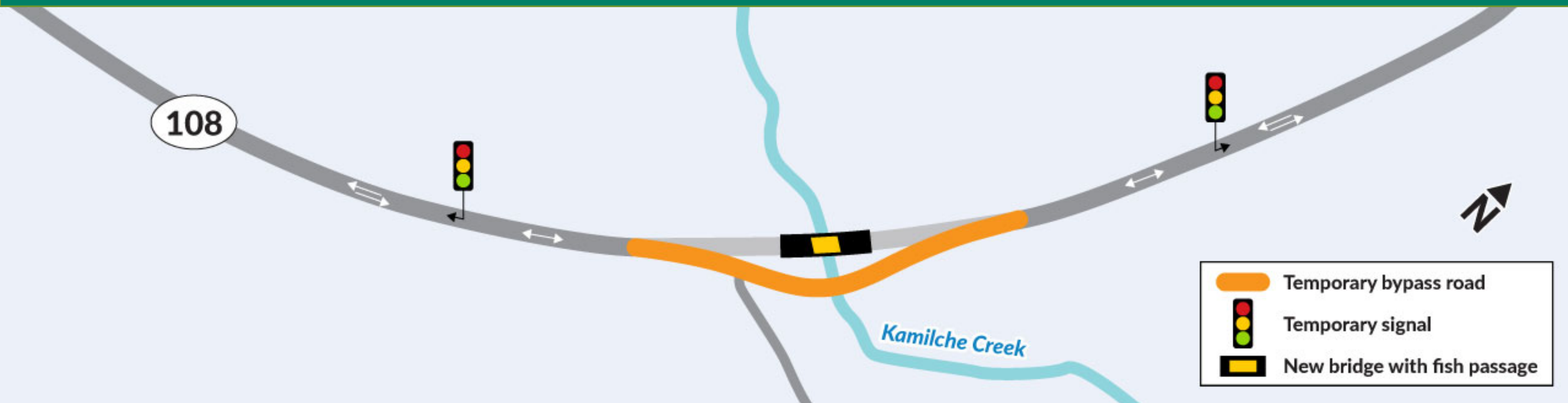
- 24/7 bypass
- 3–5-minute average delay

# SR 108/US 101, Mason & Thurston Counties Fish Barrier Removal Project



# Kamilche Creek: SR 108 MP 9.47

## Temporary one-lane bypass



- Temporary bypass road in place about 8 months
- One-way alternating traffic

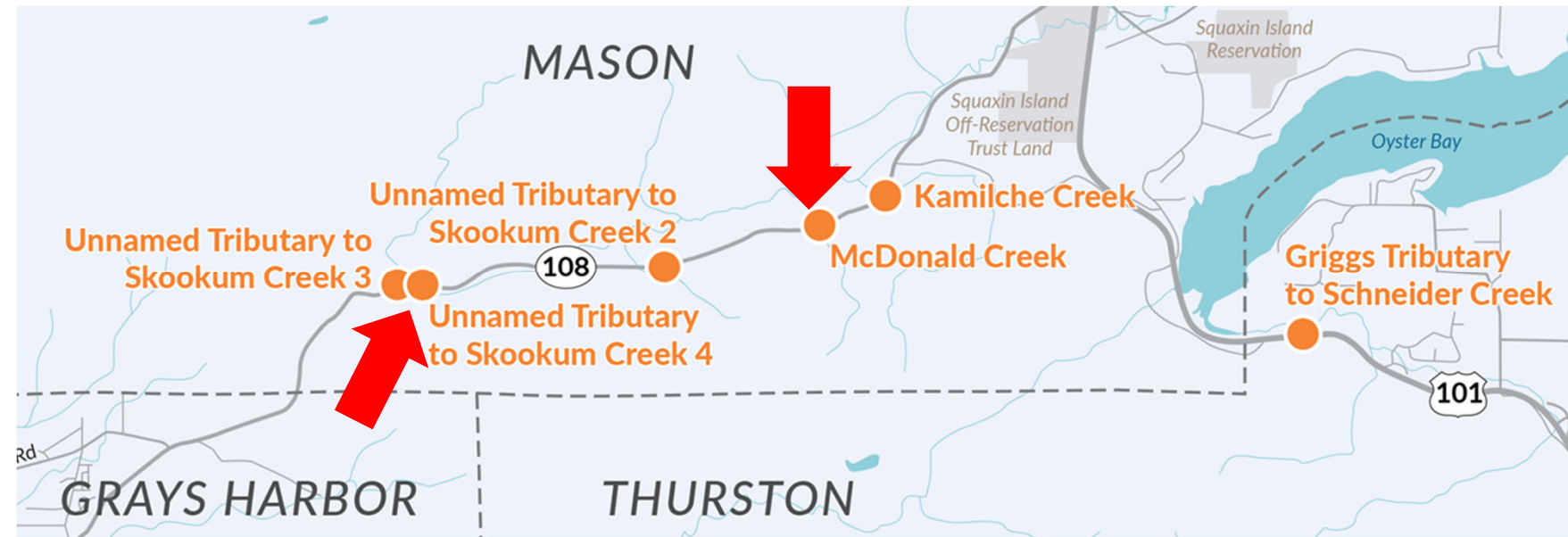


# Two ways to maintain traffic

- **SR 108 MP 5.50 & 5.54**
- **SR 108 MP 8.89**

## Total closure

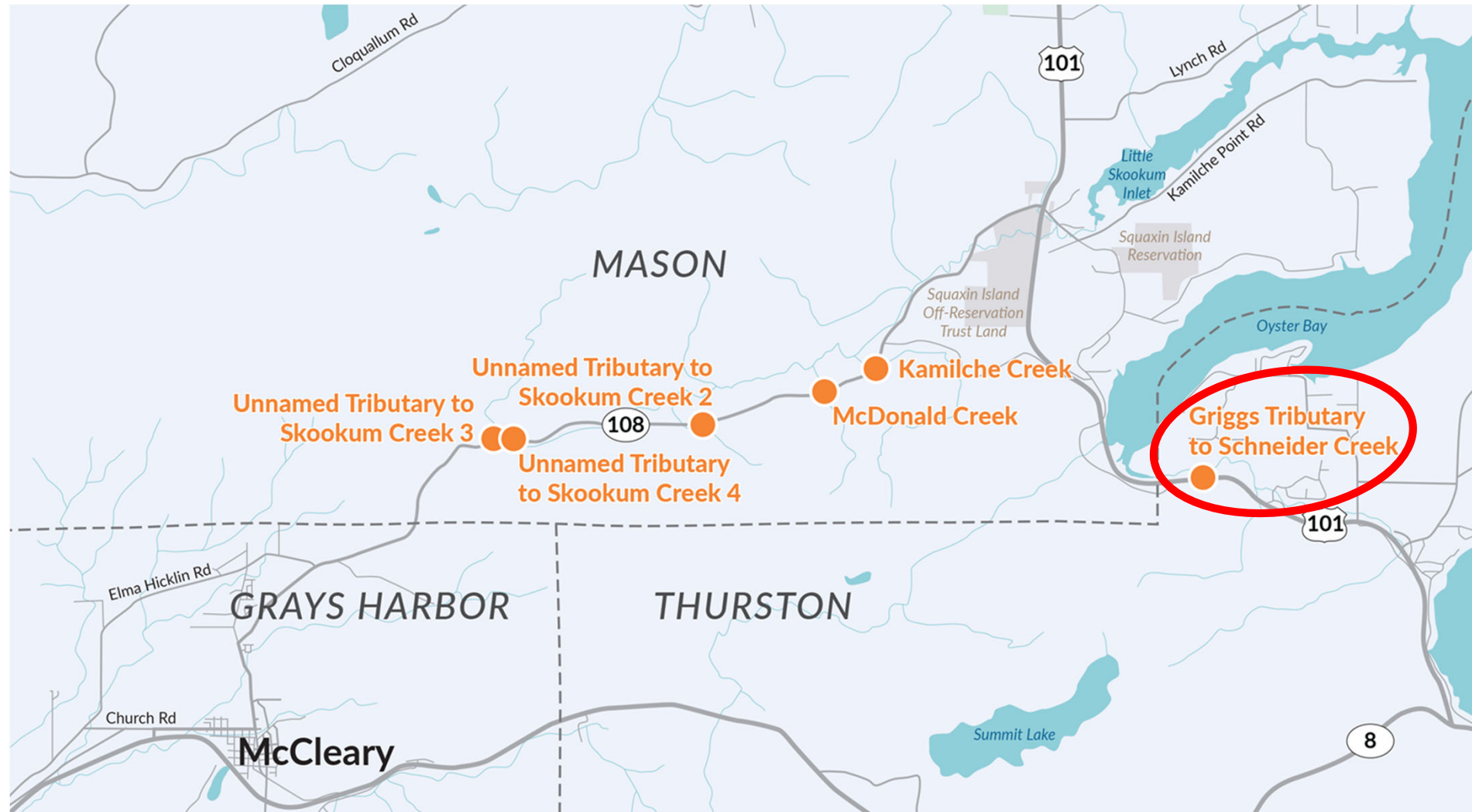
- 7 – 14 days total closure at each location
- Plus 28 days flagger controlled alternating one-way
- Small footprint
- Detour of up to 30 miles



## Temporary bypass

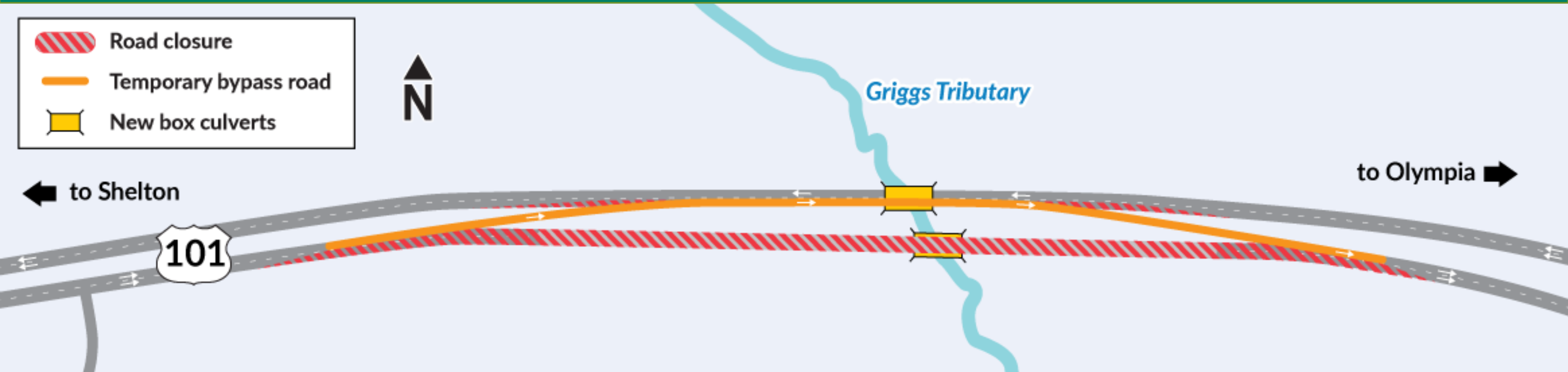
- 90 days (3 month) duration at each location – 24/7
- Larger footprint
- Adds 3-5 minutes to trip
- Requires temporary construction easements
- Increases safety risks at construction sites

# SR 108/US 101, Mason & Thurston Counties Fish Barrier Removal Project



# Griggs Tributary: US 101 MP 357.4

## Temporary bypass to Olympia

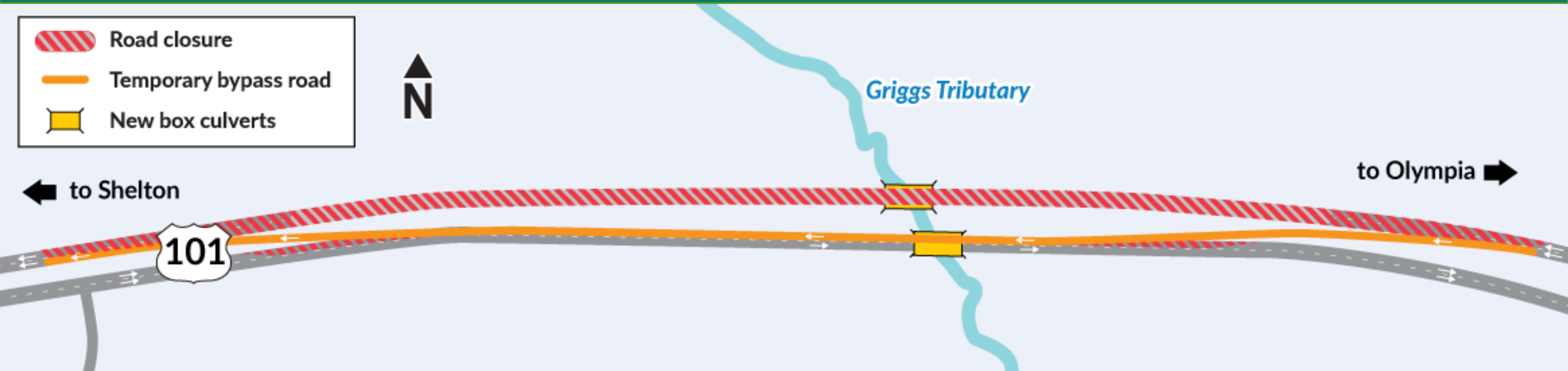


- Temporary crossover in place about 4 months



# Griggs Tributary: US 101 MP 357.4

## Temporary bypass to Olympia



- Temporary crossover in place about 4 months

# Your input matters.

## Approach

- Engage public through multiple communication channels
- Provide opportunities for input on traffic control options on SR 108
- Advance notification when construction occurs

## Tactics

- Virtual briefings: opportunity for discussion and input
- Email updates: project overview and opportunity for input via online survey
- Mailers: project overview and opportunity for input via mail in survey and online survey

Feedback/other ideas?

Project webpage:

<http://bit.ly/sr108fish>



**NE Second Street/NE Street One Way Coup**

**Advantages:**

- Provides access from NE S with less impact to 114th A
- Helps reduce congestion c Street bridge

**Disadvantages:**

- May not add significant ca

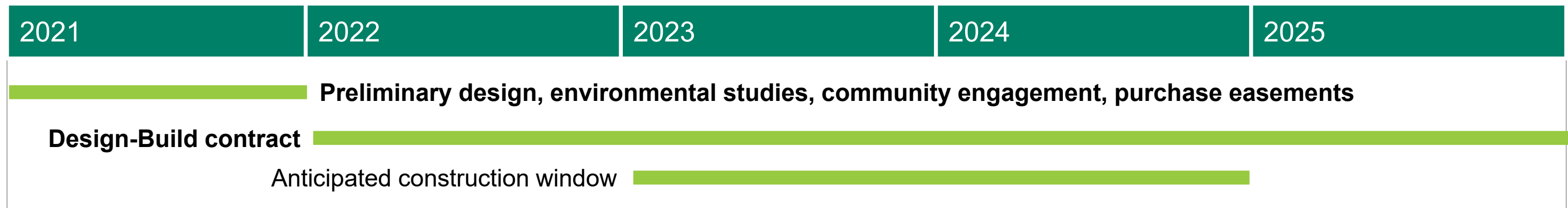
**1. My initial thought is:**

- I don't feel this is a suitable alternative
- I would like the city to continue studying this alternative
- I am unsure about this alternative

Submit

# Project schedule

- NEPA process (June 2020 – September 2021)
- Purchase temporary easements (September 2021 – April 2022)
- Design-Build procurement
  - Issue Request for Qualifications (RFQ) (May 2021)
  - Request for Proposals (RFP) Advertisement (August 2021)
  - Best Value determination (February 2022)
  - Notice to Proceed (NTP) (April 2022)
- Design-Build Contract (2022 – 2025)
  - Anticipated construction window (2023 – 2024)
  - Potential extended traffic control options (summer/fall 2023/2024)





# Questions and discussion





# Contact

**Bill Elliott, P.E.**  
**WSDOT Project Design Engineer**  
**(360) 357-2735**  
**[elliottb@wsdot.wa.gov](mailto:elliottb@wsdot.wa.gov)**

**Doug Adamson**  
**WSDOT Communications**  
**(360) 357-2716**  
**[doug.adamson@wsdot.wa.gov](mailto:doug.adamson@wsdot.wa.gov)**