

Duckabush Estuary Restoration

Supplemental

Environmental Impact Statement

Scoping Meeting

July 13, 2019 | Brinnon School



Today's Agenda

- | | |
|-------|---------------------|
| 9:30 | Open House |
| 10:00 | Presentation |
| 10:20 | Oral Public Comment |
| 10:50 | Open House |
| 11:30 | Adjourn |



Presentation Outline

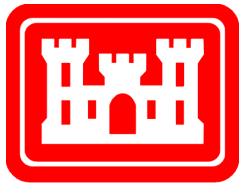
- Introductions
- Description of Duckabush Estuary Restoration Project
- Description of SEPA and Process
- Public Comment



Duckabush Estuary



Project Partners



**US Army Corps
of Engineers®**
Seattle District



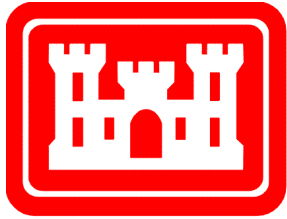
Washington Department of
FISH and WILDLIFE



**Washington State
Department of Transportation**



Project Background



Puget Sound-wide study of shorelines.

- How has it changed?
- Does change cause problems?
- Can we improve it?

Purpose:

"...restore the **natural processes** in the nearshore zone that **sustain** the biologic, economic, and aesthetic **resources** important to the people of the Puget Sound region and the nation..."

Duckabush Estuary was one of 36 places in Puget Sound identified for future habitat restoration.



Project Information

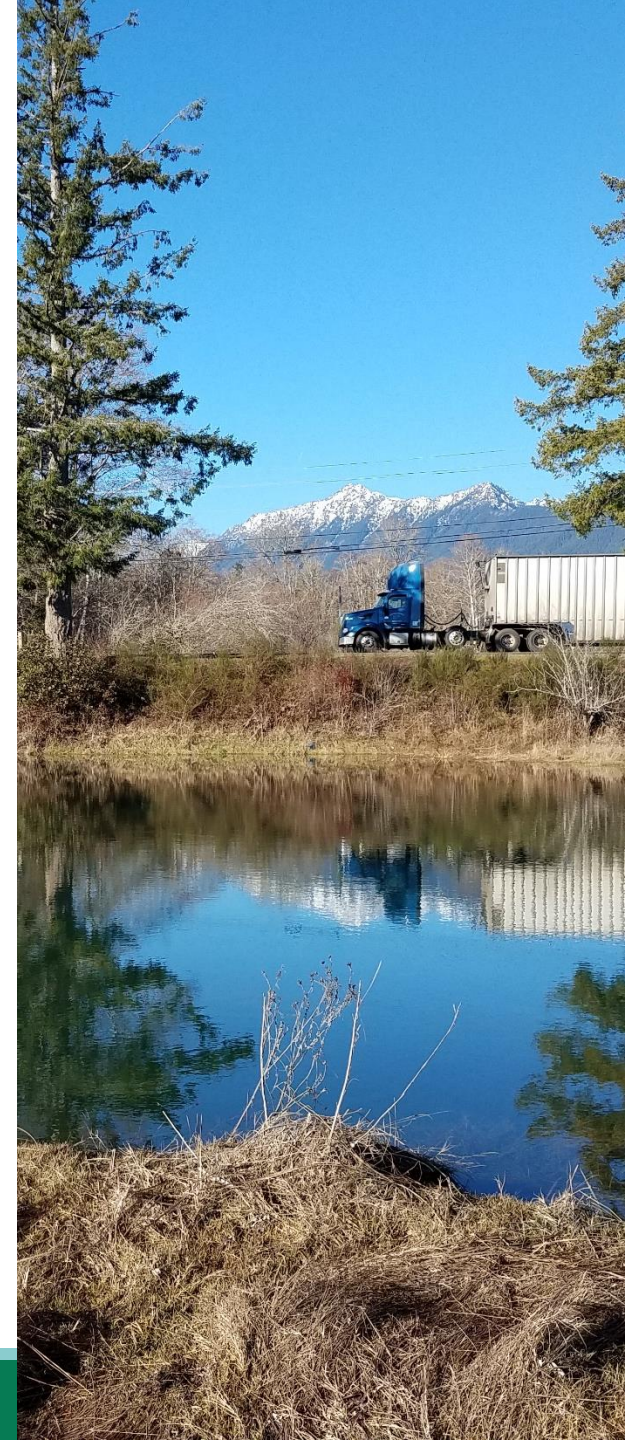
Project Objectives

- Reconnect and restore lost **tidally influenced areas** including estuarine and freshwater tidal wetlands.
- Re-establish **distributary channels** to promote greater diversity of delta wetland habitats.
- Restore **mudflats** and **salt marsh**.

Site Statistics

Removes: **1,270** lineal feet of tidal barrier, roadway, & shoreline armor

Restored: **38** acres of tidal marsh

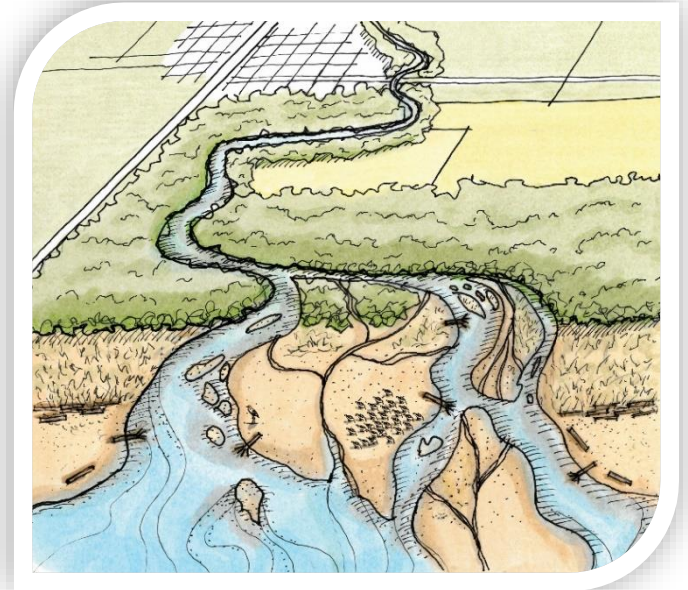


Why Restore Estuaries?

Achieving these objectives restores elements of an estuary so it can function better. Estuaries support many things people care about including:

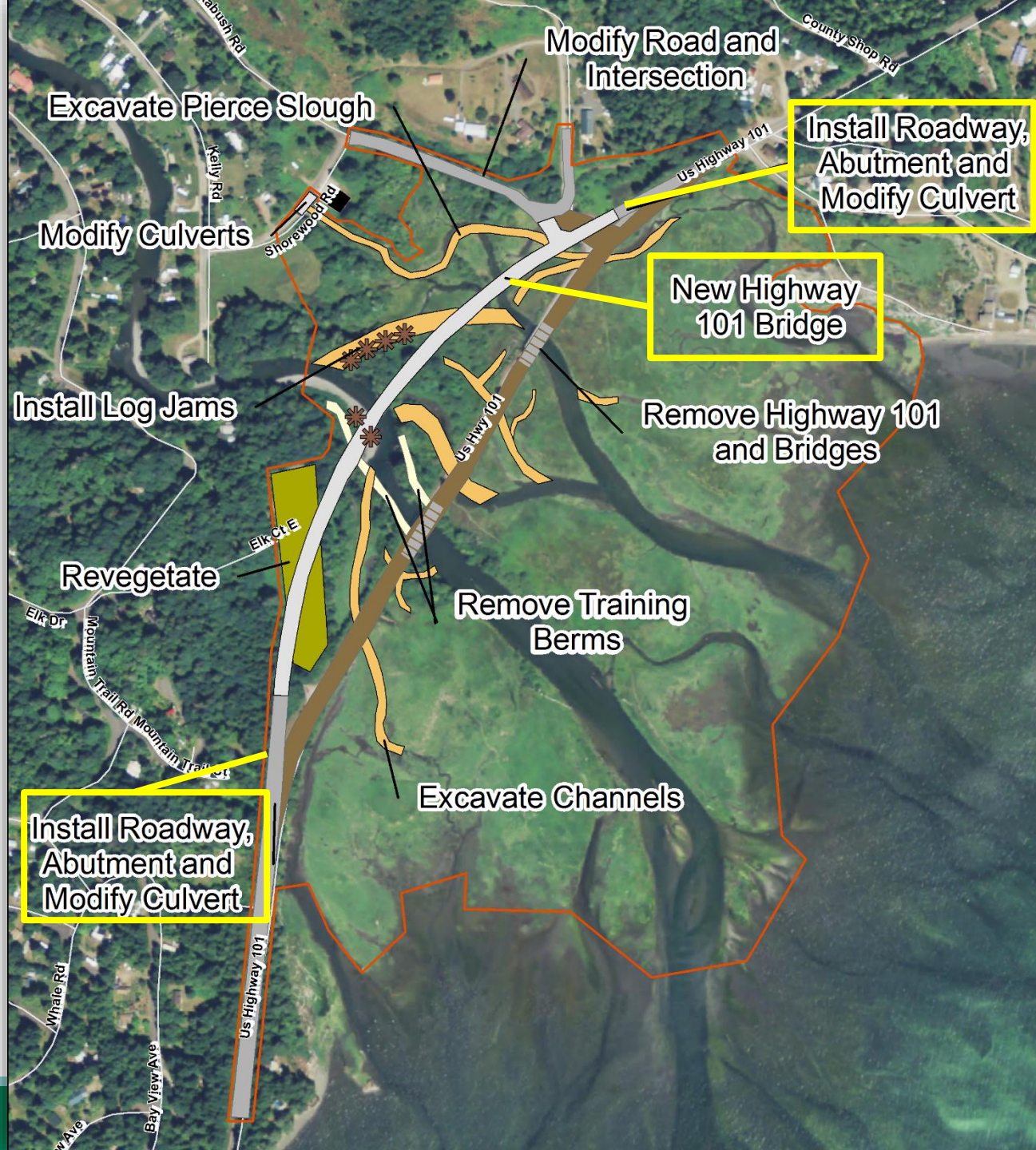
- **Habitat** for fish, birds, shellfish & wildlife
- A source of **nutrients** and prey into the food web
- Pollutant **filtration** for improved water quality
- Area to **absorb flood waters**

Across Puget Sound over 55% of estuary wetlands have been lost.



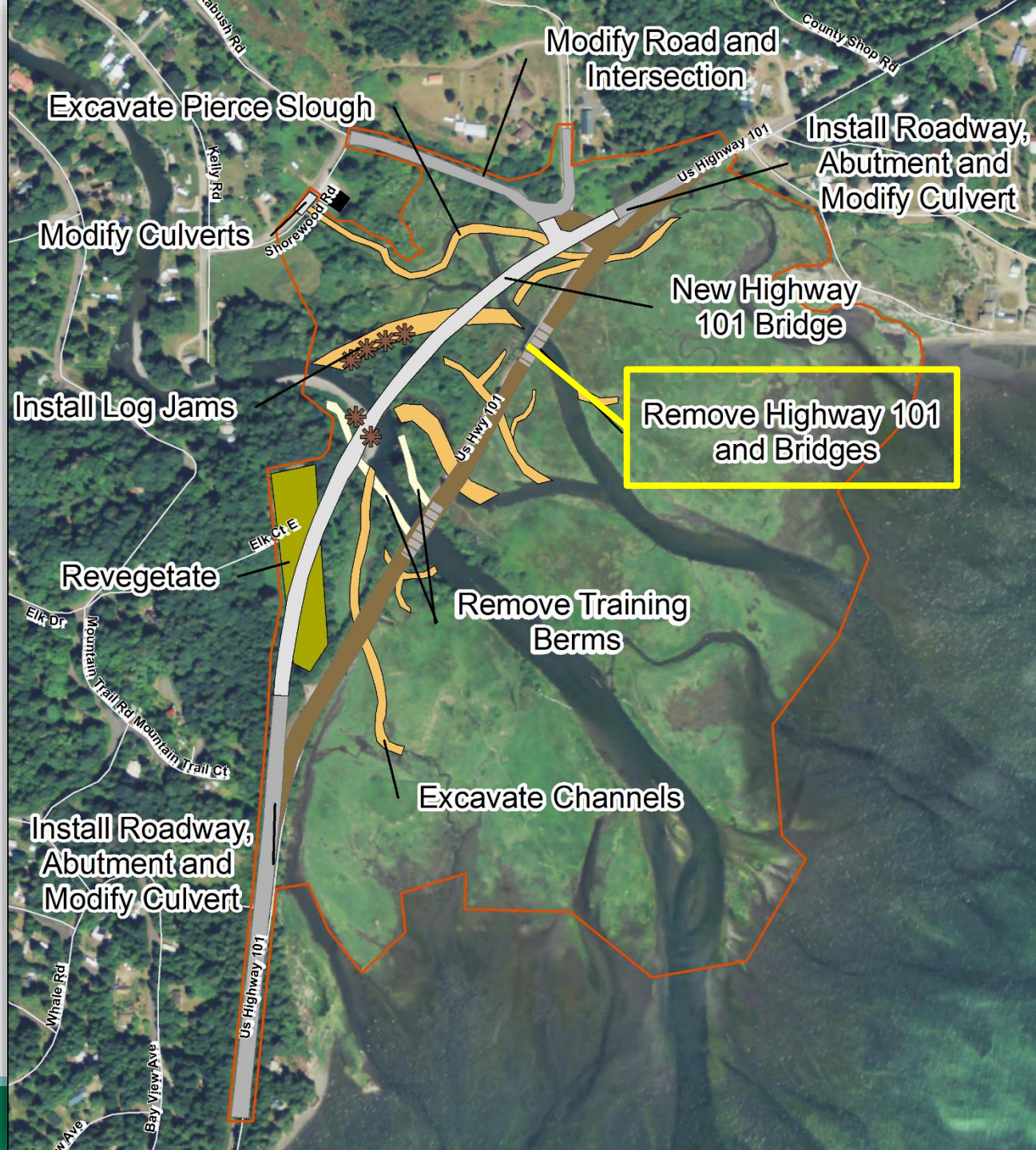
Design Concept

Construct new highway



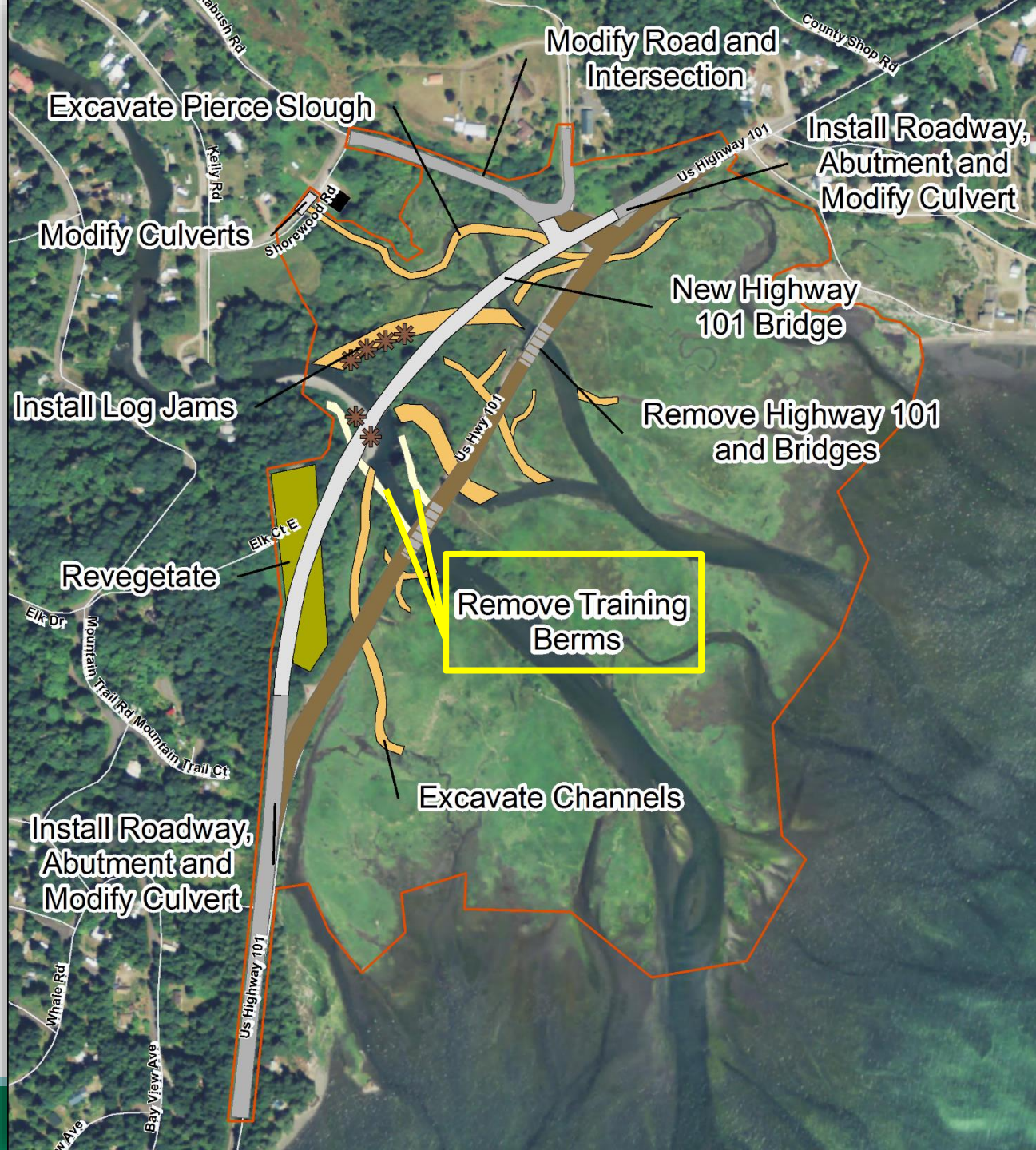
Design Concept

Remove old highway



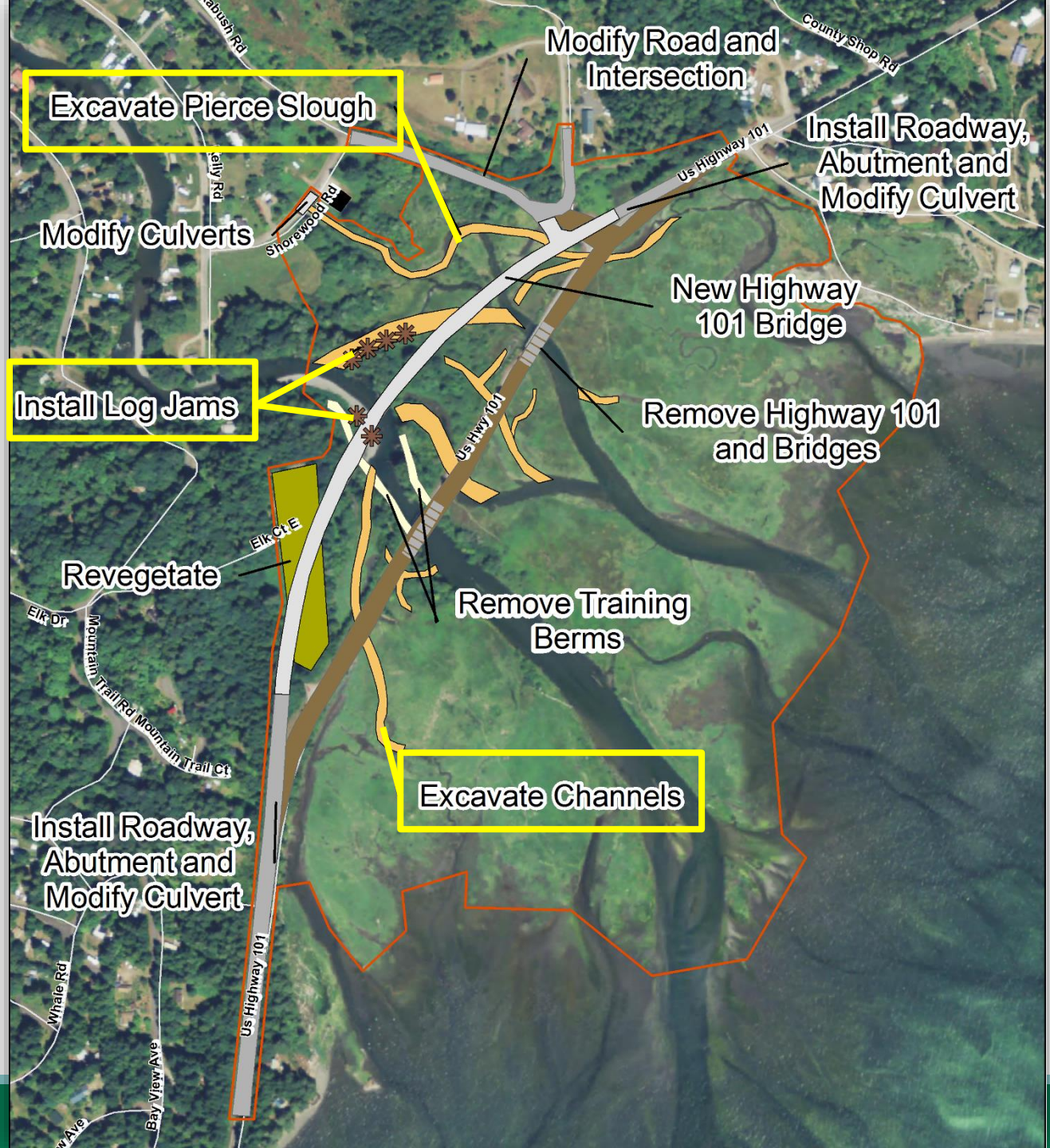
Design Concept

Remove levees
(training berms)



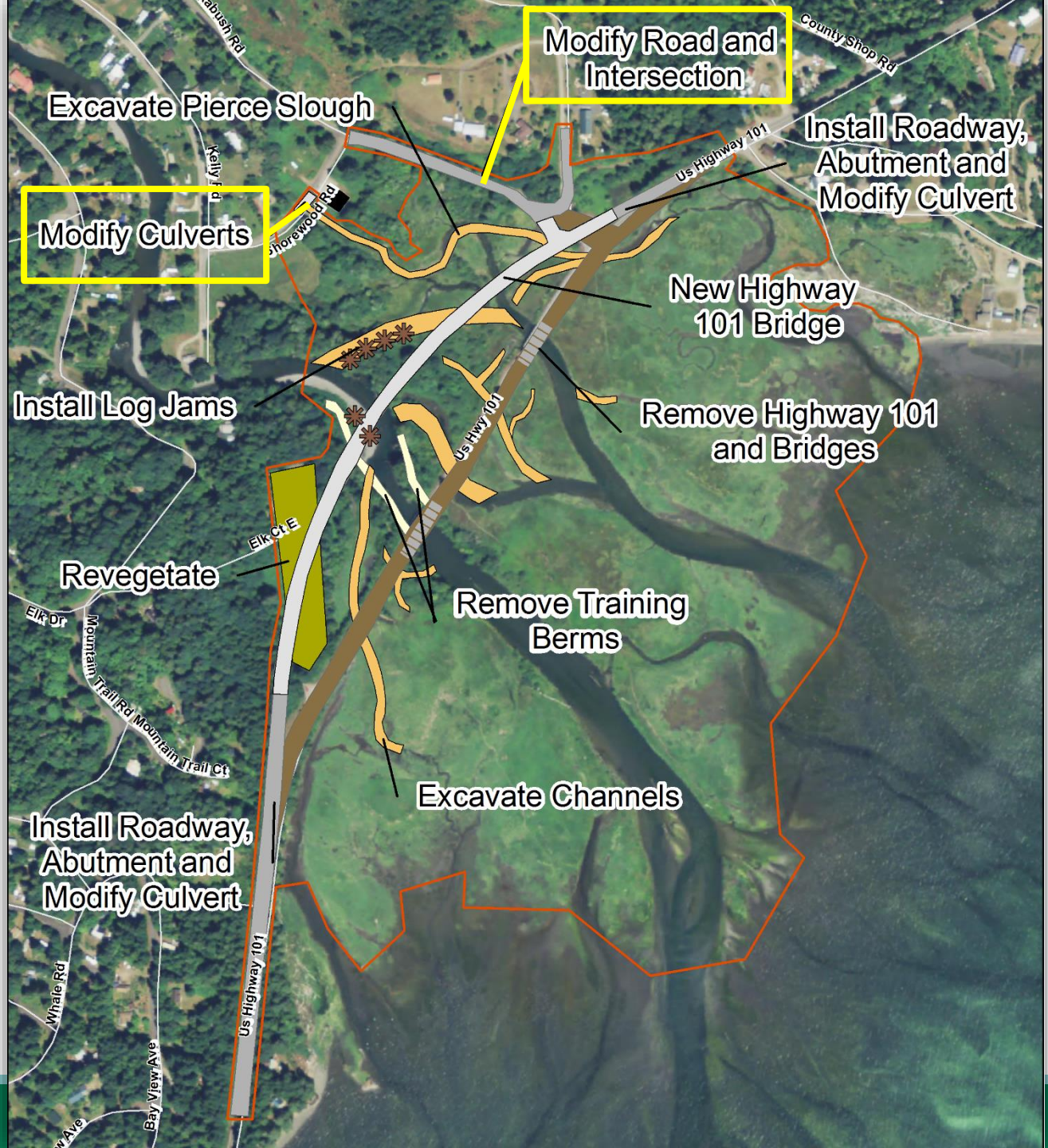
Design Concept

Recreate Channels



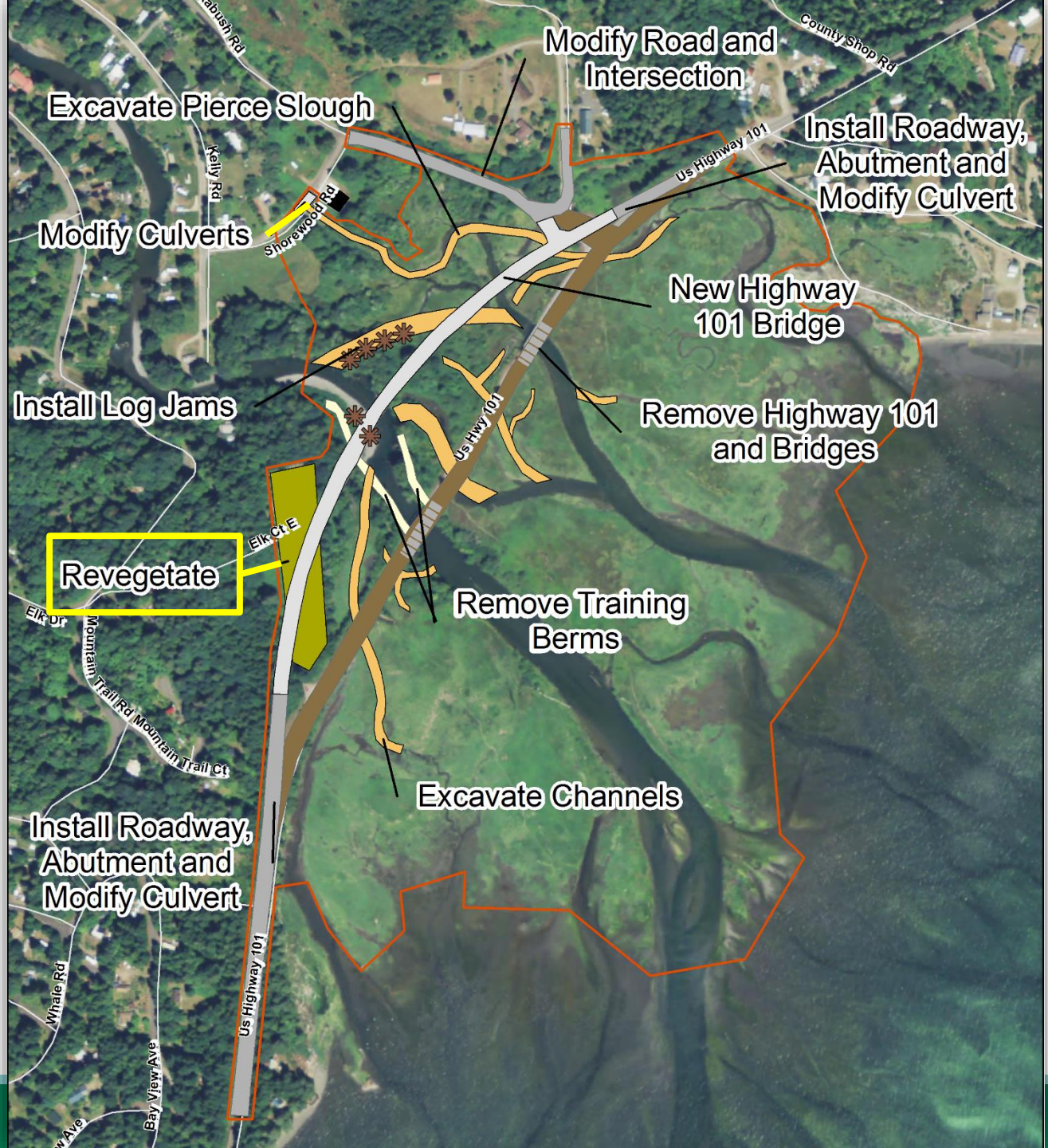
Design Concept

Local roadway modifications



Design Concept

Plantings



Activities



State Environmental Policy Act

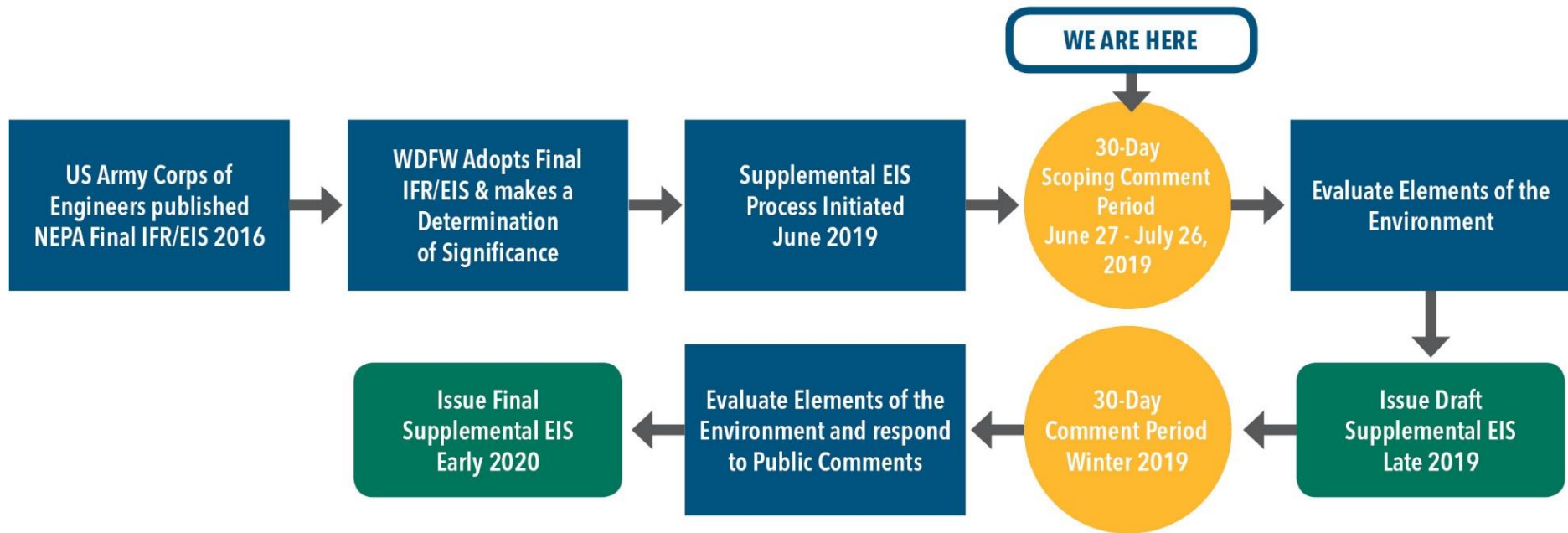
- Review process to understand how a government action would affect the environment
- If project will have “a probable significant, adverse environmental impact” an Environmental Impact Statement (EIS) is prepared
- **Encourages public involvement in process**

To date WDFW has:

- Issued a determination of significance
- Issued a notice of adoption of an existing EIS
- Announced intent to complete a Supplemental EIS (SEIS)
- Scheduled today’s public scoping meeting



SEPA Review Process



Public Comment:

Two opportunities for comment submittal during the Environmental Review process



How to Submit Comments

Paper place in Comment Box today

Online www.bit.ly/DuckabushEstuary

E-mail SEPAdesk2@dfw.wa.gov

Mail Lisa Wood, SEPA/NEPA Coordinator
WDFW Habitat Program, Protection Division
P.O. Box 43200
Olympia, WA 98504-3200

Oral comments can be provided today
and please provide a written version of your comment.





Oral Public Comment