

Lower Satsop Reach Scale Assessment and Design: Protecting Infrastructure, Restoring Floodplain Function, and Reducing Erosion and Sedimentation.

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Preliminary Design Phased Construction Plan



Aerial imagery 2017 NAIP with 2019 Drone Imagery

Lambert conformal conic projection, NAD 1983 State Plane Coordinate System (WA South Zone) 250 500 1,000 Feet

|  | CONSTRUCTION           | WDFW                        | GHC  |
|--|------------------------|-----------------------------|--|
|  | [Funded. Not Funded. ] | "Restoration"               | "Restoration and Protection"   |
|  | 2019>                  | Phase I - Ponds, Revetment  |  |
|  | 2020>                  | Phase II - Ponds, Revetment | Phase I - Keys Road, Port Well, Floodplain Restoration (A)           |
|  | 2021-22>               |                             | Phase II - Floodplain Restoration (B), Erosion Reduction (A)         |
|  | 2022-23>               |                             | Phase III - Floodplain Restoration (C), Erosion Reduction (B)        |
|  | Future>                |                             | Phase IV - Relocate Keys Road infrastructure (at end of useful life) |

## ELJ Structure Types

**\large** Apex

Small Apex

**b** Large Deflector

**◀** Floodplain Roughness Element

Satsop River

**△△△△** Setback Revetment

Timber Complex





