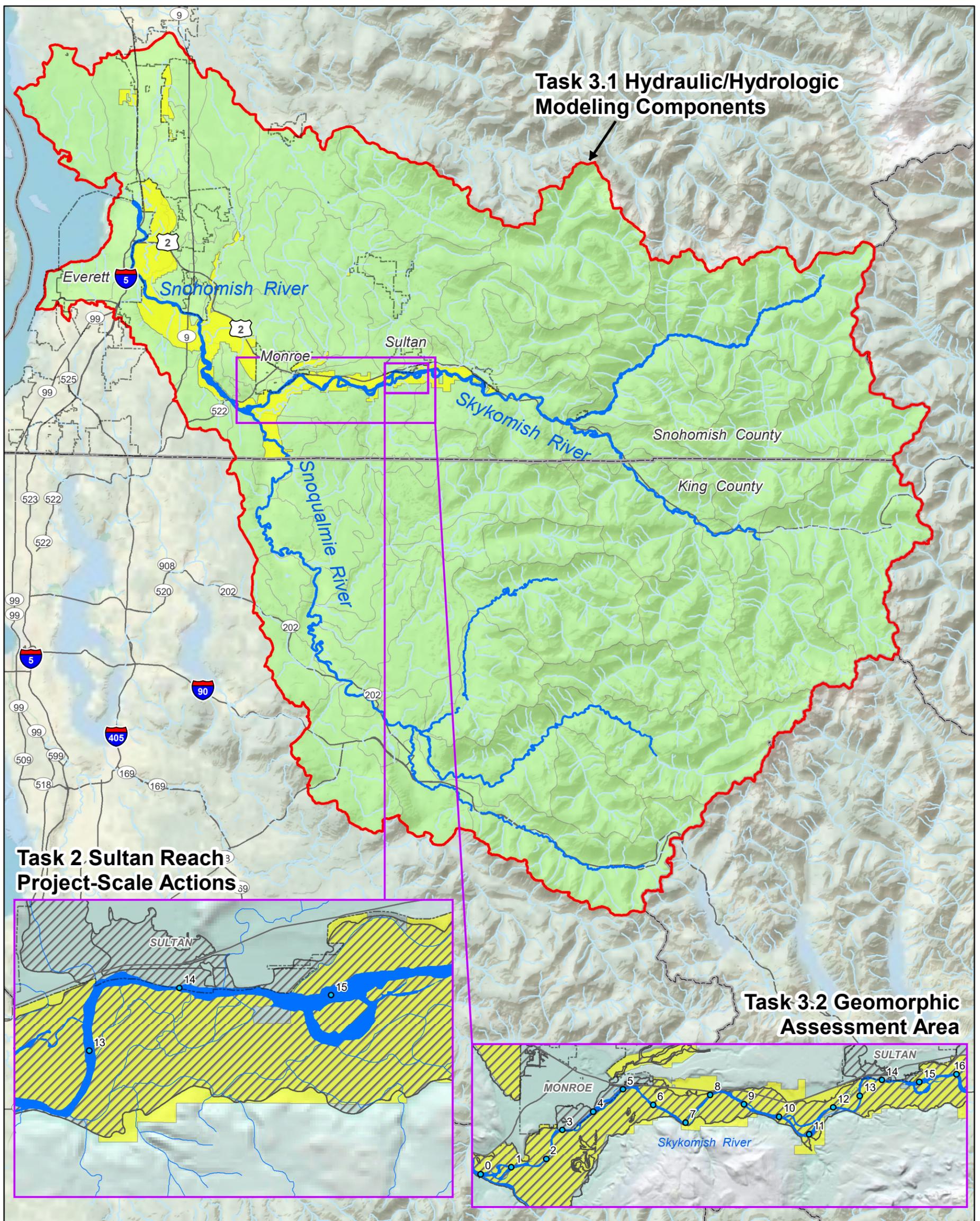


ATTACHMENT 1 – Project Maps

- a. Vicinity Map
- b. Current conditions map
- c. Ag vulnerability map
- d. Project-Scale Actions (solutions) map
- e. Sultan Steelhead park
- f. Example of 2D hydro modeling



**Task 2 Sultan Reach
Project-Scale Actions**

**Task 3.2 Geomorphic
Assessment Area**

Advancing Sustainable Lands Solutions in the Snohomish Basin

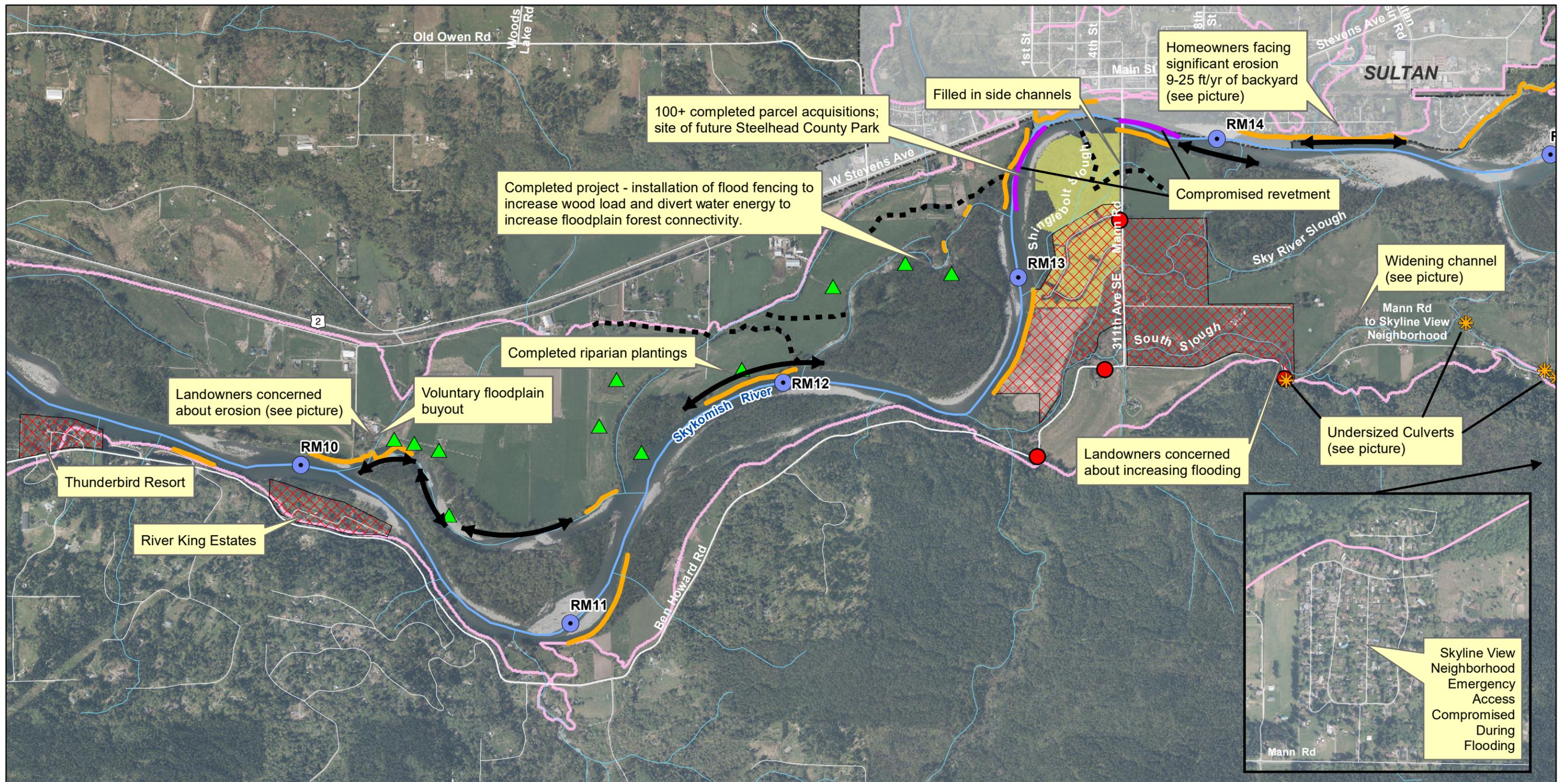
-  Agricultural Zoning
-  Snohomish Basin
-  100 Year Floodplain
-  County Boundary



Snohomish County
Public Works
Surface Water Management
425-388-3464

July 2018

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Advancing Sustainable Lands Solutions in the Snohomish Basin

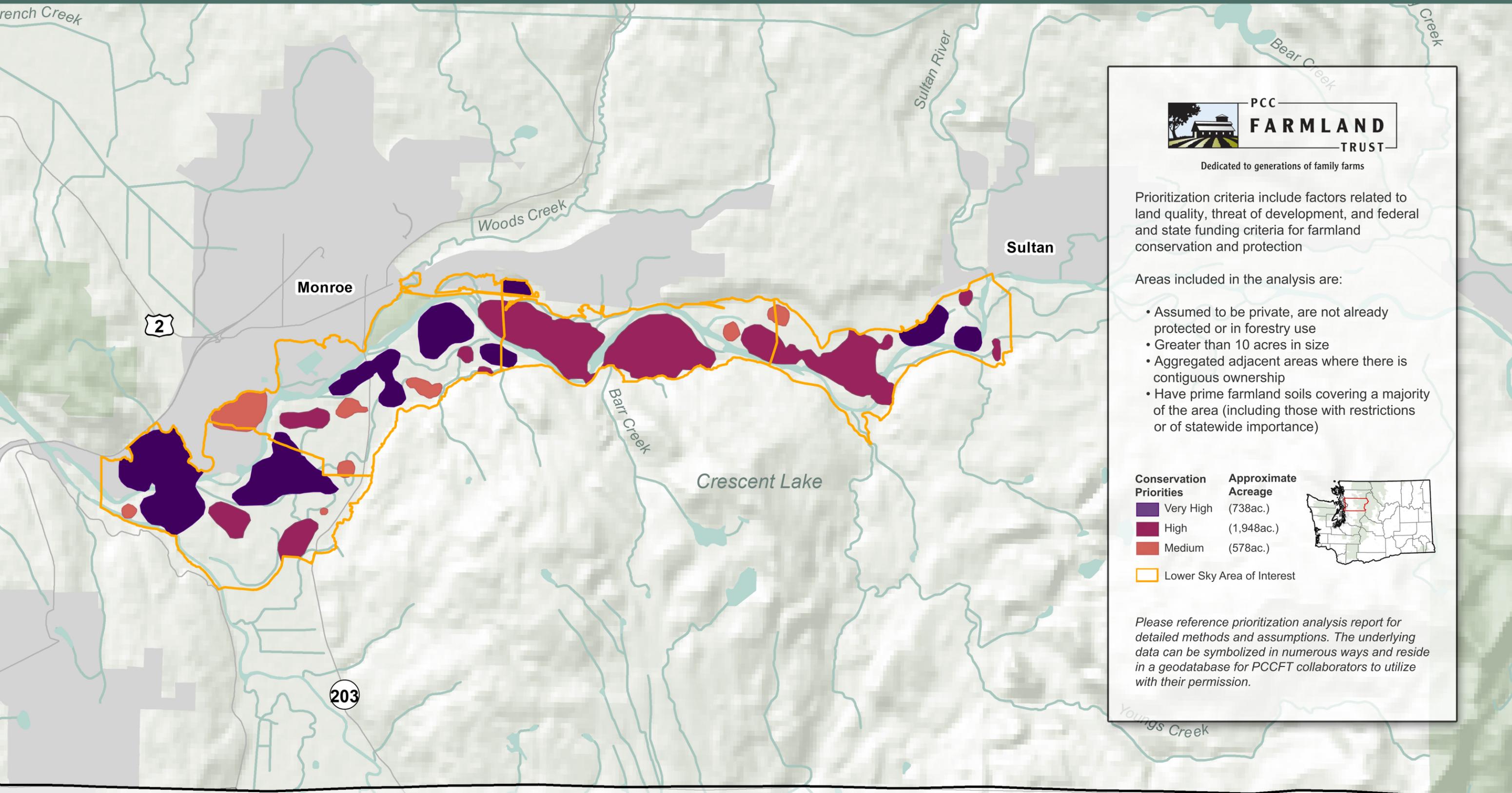
Sultan Reach Existing Conditions

- | | | | |
|---|-----------------------|----------------------------|--------------------------------|
| Completed Projects | Rip Rap | Active Flood Hotspots | 100 - Year Floodplain Boundary |
| Fish Passage Barrier Culverts | Active Erosion | River Miles | Cities |
| Completed Hazard Risk Acquisition Sites (103 parcels) | Inactive Channel | 2017 Repetitive Loss Areas | |
| | Compromised Revetment | | |



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Snohomish County Farmland Conservation Priorities - Lower Sky Subreach



Dedicated to generations of family farms

Prioritization criteria include factors related to land quality, threat of development, and federal and state funding criteria for farmland conservation and protection

Areas included in the analysis are:

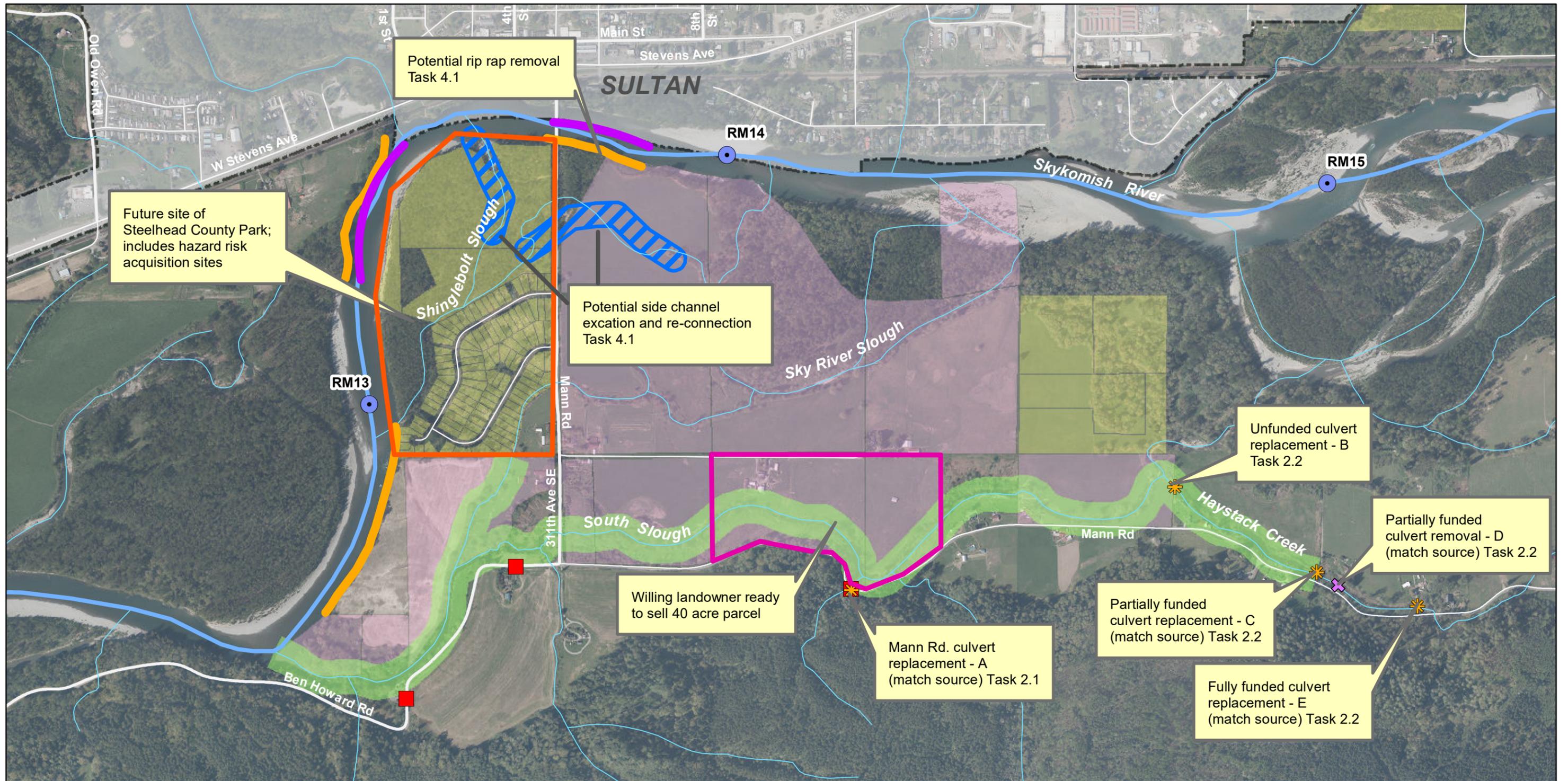
- Assumed to be private, are not already protected or in forestry use
- Greater than 10 acres in size
- Aggregated adjacent areas where there is contiguous ownership
- Have prime farmland soils covering a majority of the area (including those with restrictions or of statewide importance)

Conservation Priorities	Approximate Acreage
Very High	(738ac.)
High	(1,948ac.)
Medium	(578ac.)
Lower Sky Area of Interest	



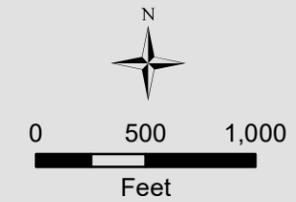
Please reference prioritization analysis report for detailed methods and assumptions. The underlying data can be symbolized in numerous ways and reside in a geodatabase for PCCFT collaborators to utilize with their permission.





Advancing Sustainable Lands Solutions in the Snohomish Basin
Sultan Reach Project-Scale Actions
Task 2

- River Miles
- Road Elevations (match source)
- ✱ Culvert Replacements (match source)
- ✱ Culvert Removal (match source)
- Potential Riparian Buffer Plantings
- Potential Side Channel Re-Connection (Task 4.1)
- Snohomish County Ownership
- Area of Interest (potential acquisitions/easements)
- Cities



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3. Steelhead County Park

DESIGN CONCEPTS

SCHEME A

Side Channel

- Keep roads, parking, and camp sites well away from the side channels

Park Vegetation

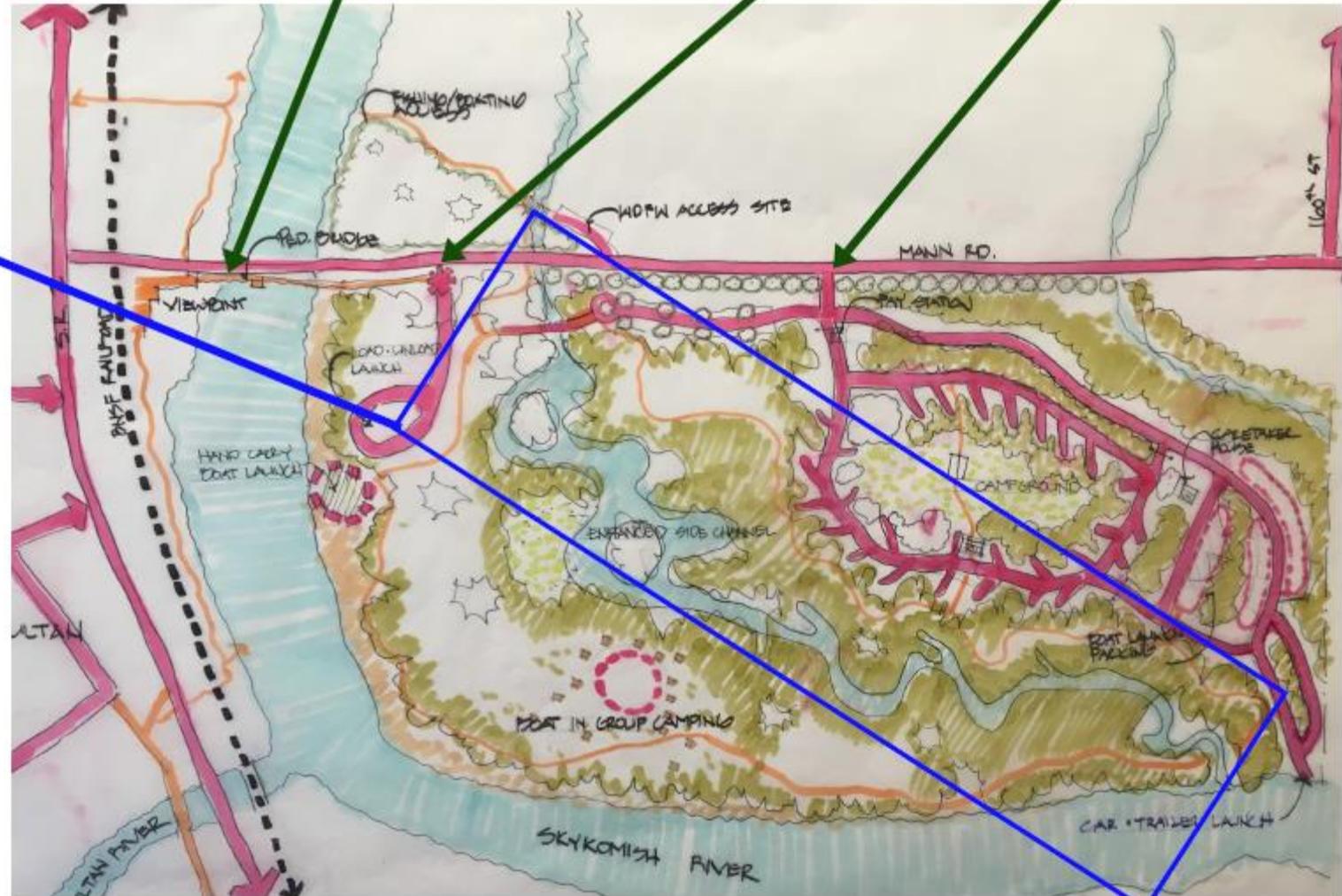
- Remove invasive weeds from existing deciduous forest and plant conifers
- Plant native trees within the campground area
- Establish a tree buffer along Mann Road and the campground

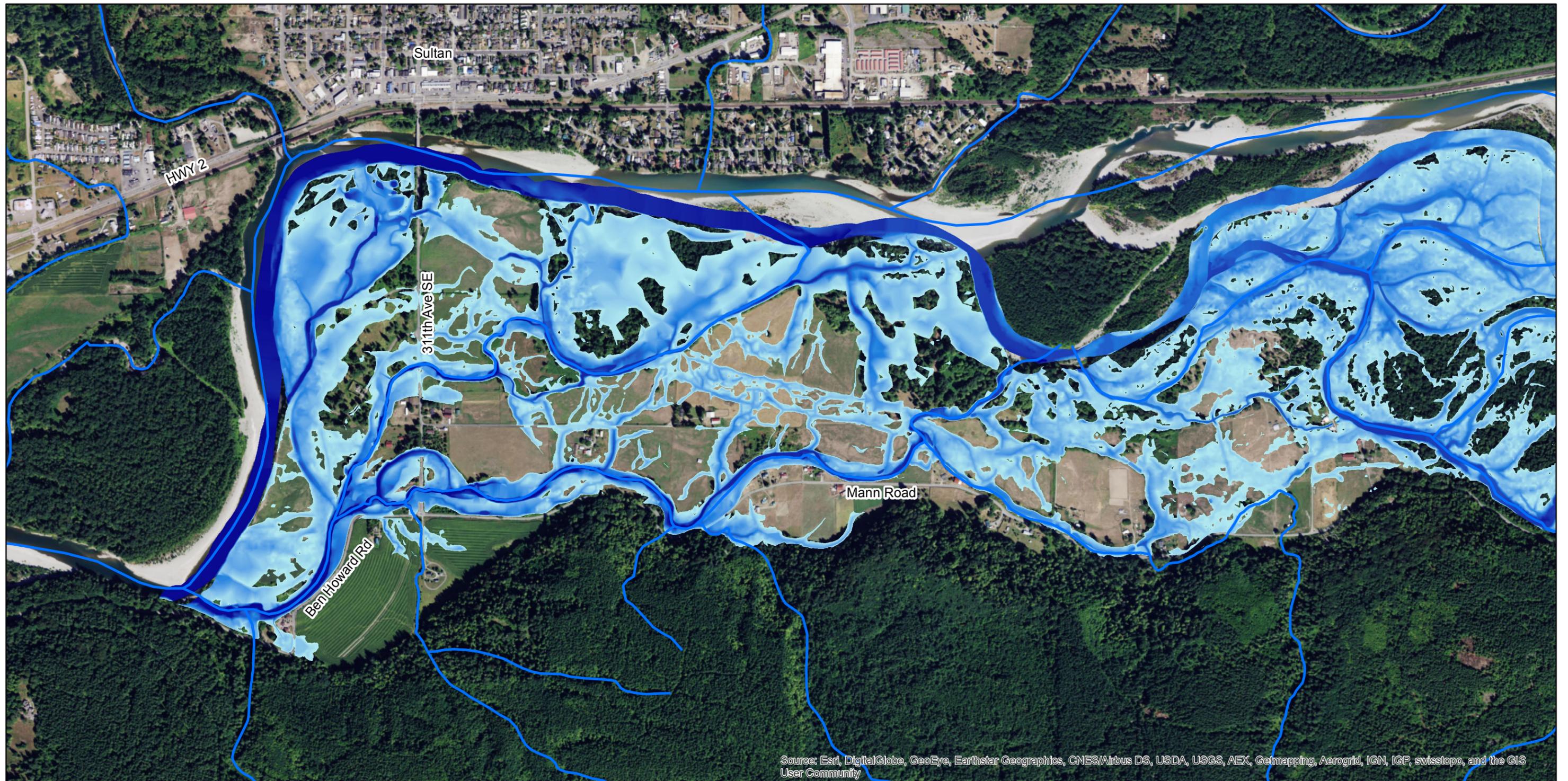
Day-use Parking

- Create day-use parking off of main park entrance parallel to Mann Road for non-motorized boaters
- Provide footbridge and trail to river access site

Park Access

- Consider a future new pedestrian footbridge across the river
- Create access to the park from Mann Road
- Create a loop road to serve a non-motorized river access site
- Utilize existing loop road for future campgrounds and access to the river.



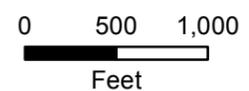
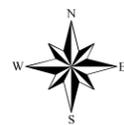


Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

40kcfs Inundation



**Mann Road Area
Overall Flooding Extent**



Snohomish County

PUBLIC WORKS
SURFACE WATER MANAGEMENT
(425) 388-3464

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