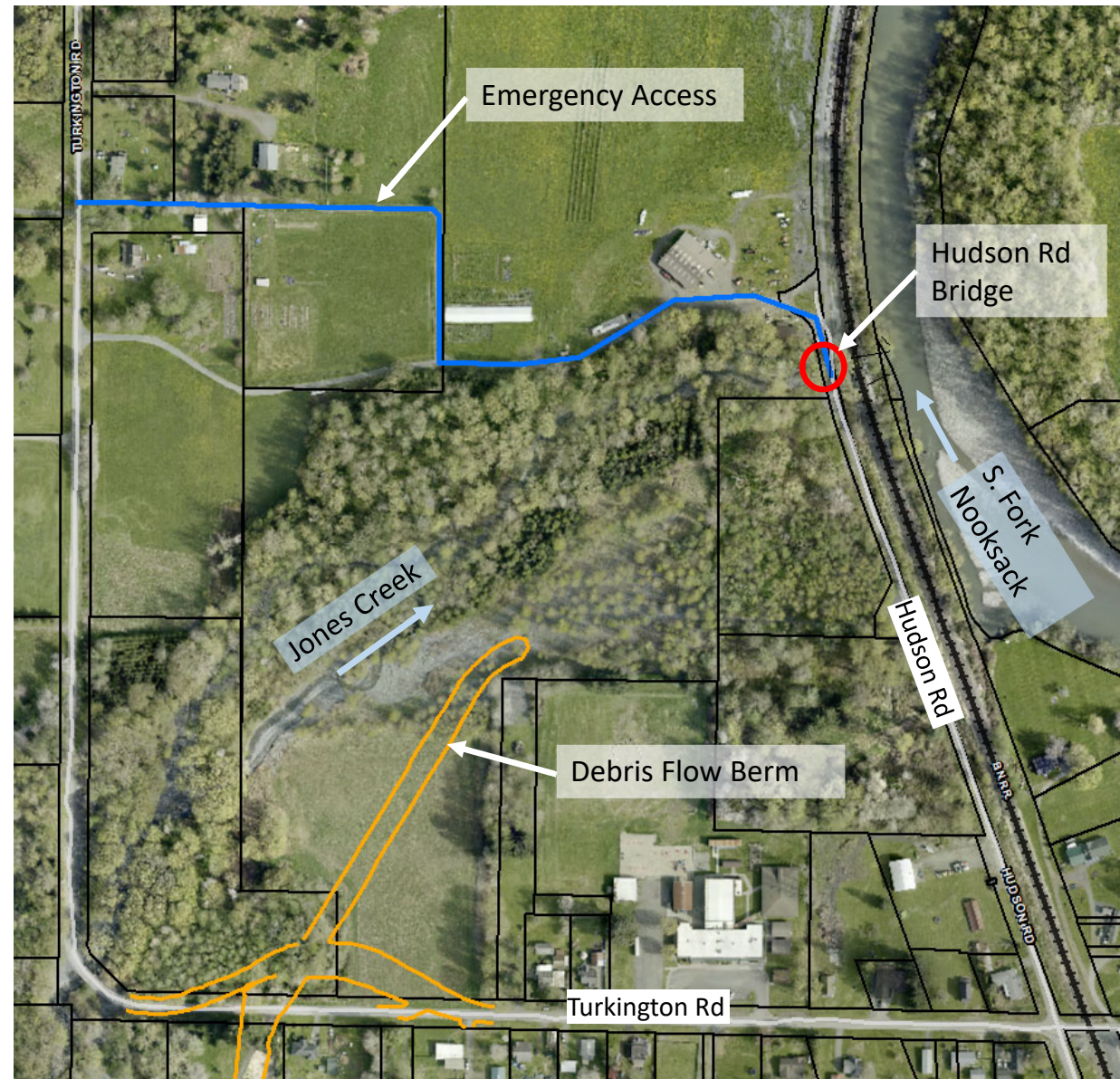


## Hudson Bridge Repair Project Background

- History of debris flow damage from Jones Creek
- Sole access for community is Turkington Rd
- Property purchased for Berm Project and emergency access via Hudson Rd
- Hudson Bridge damaged in 2021 and eligible for FEMA reimbursement







Looking North



Looking Upstream (West)

## Hudson Road Bridge 2020 Conditions



Looking Upstream (West)



Looking Downstream (East)





Looking North



Looking South

## Hudson Road Damaged Conditions



Looking Upstream (West)



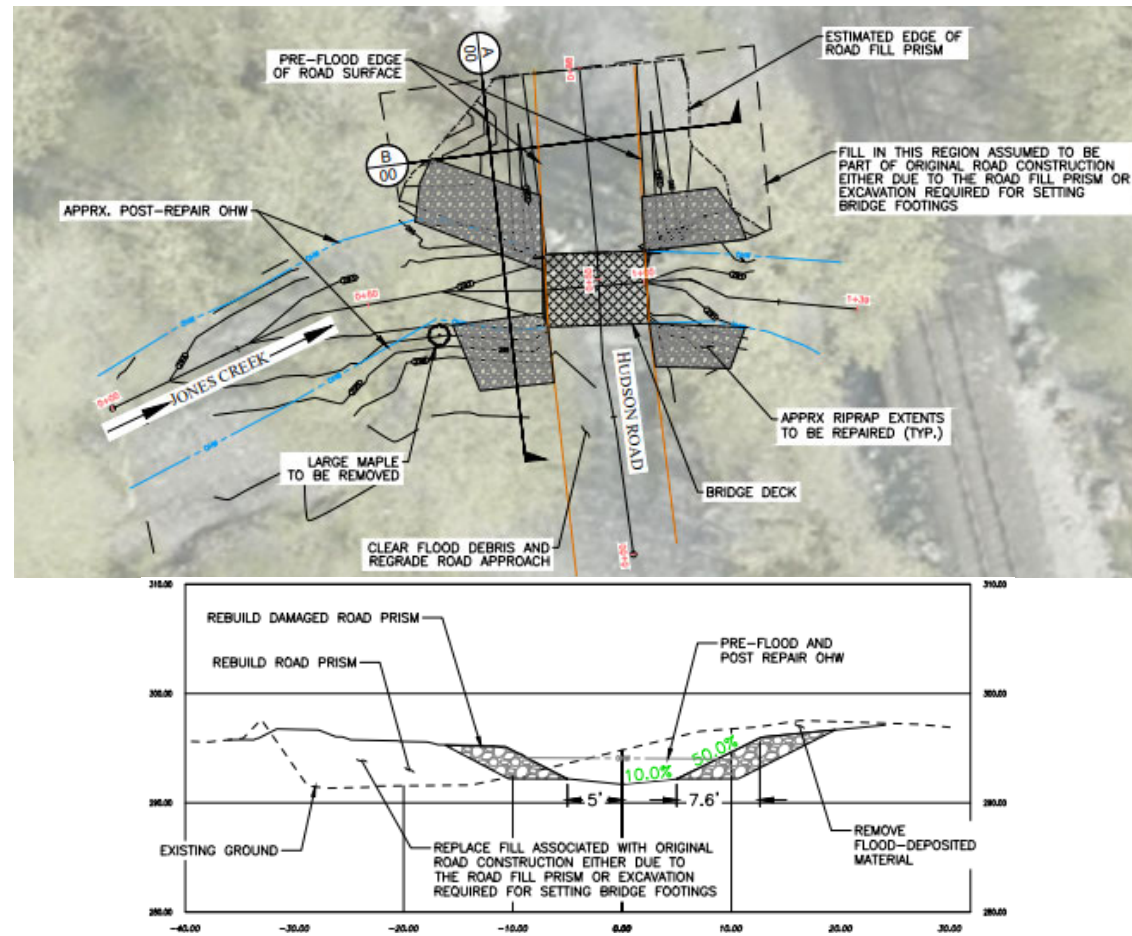
Looking Upstream (West)



## Hudson Road Repair - Permit Conditions

- Proposed Repair is minor
- WDFW Permit will only allow *temporary* repair with a new bridge within 5 yrs

If repair is pursued, staff recommends feasibility study and alternatives analysis to determine appropriate permanent solution for community.





## Proposed Path Forward

- Confirm Study and new bridge will be reimbursable by FEMA
- Perform temporary repair summer 2024
- Begin Alternatives Analysis/Feasibility Study Fall 2024
- Consider the following for Study:
  - Road standards and objectives
  - WDFW Hydraulic code
  - Habitat work in project vicinity
  - Floodplain connectivity
  - FEMA reimbursement eligibility
  - Debris flow hazard reduction and resilience
  - Public concerns and property considerations
- Coordinate with:
  - Bridge & Hydraulics
  - Nooksack Tribe
  - WDFW
  - WA State Military Dept/FEMA

