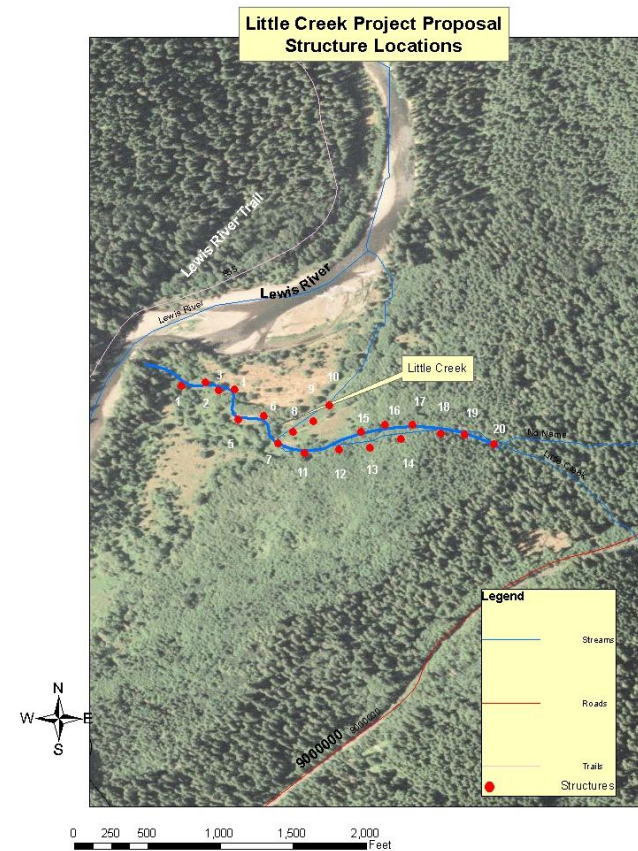


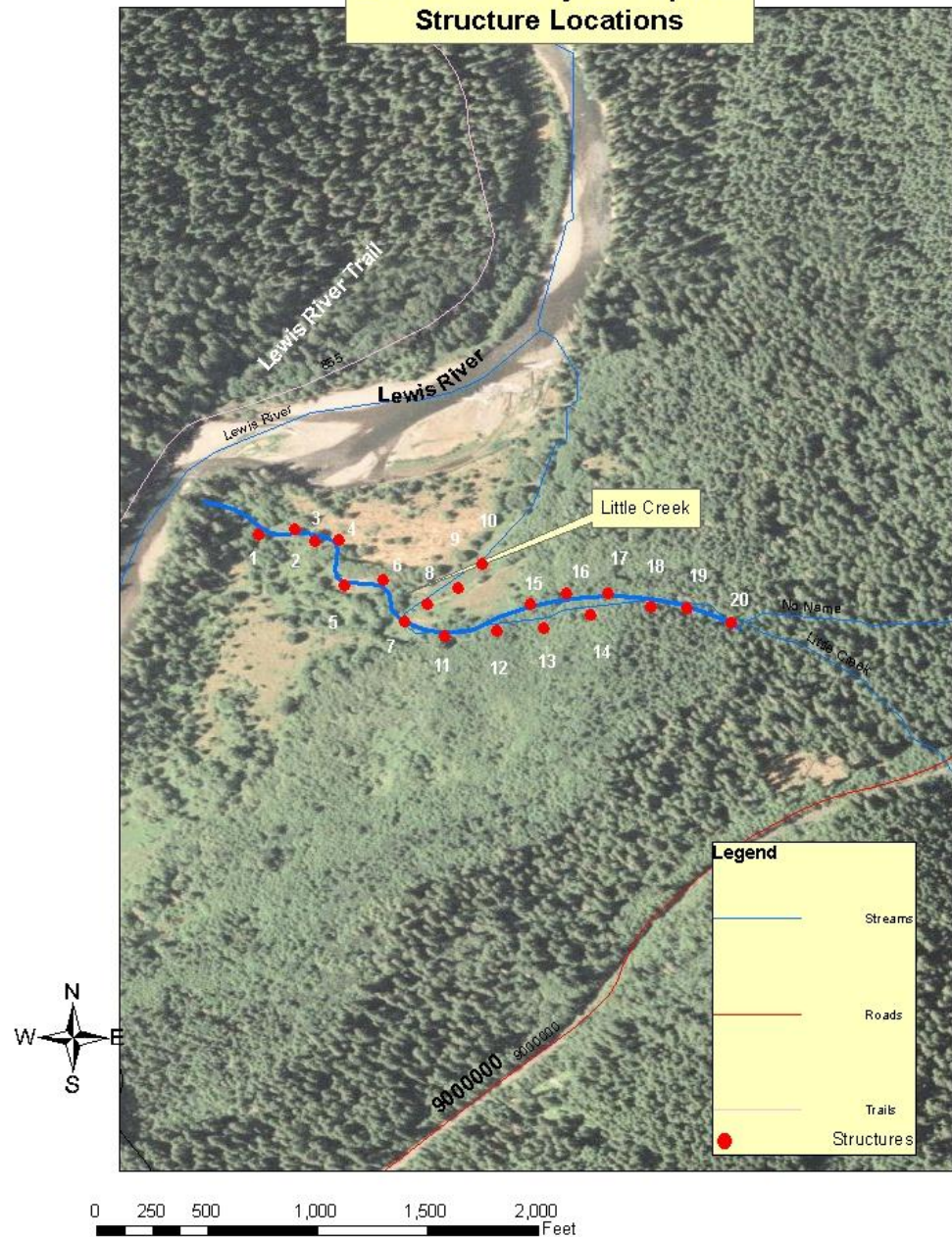
Little Creek Instream Restoration



Project Description

- Restore mainstem Little Creek and associated braided channels with Large Woody Material
- Approximately 20 structures composed of 200 pieces of Large Woody Material with rootwads.
- Project Length- approximately ½ mile
- Target Species-, Coho Salmon

Little Creek Project Proposal Structure Locations

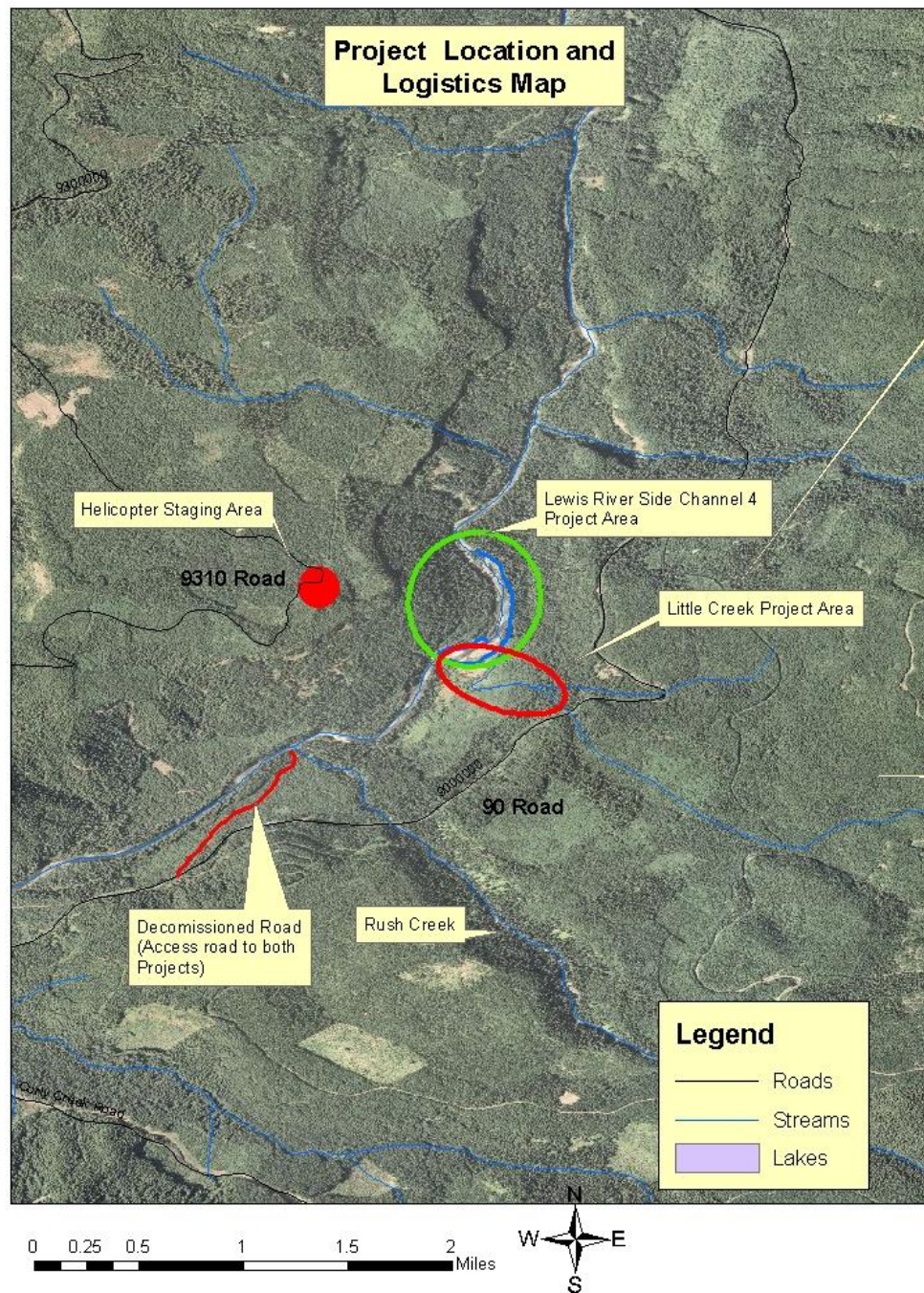


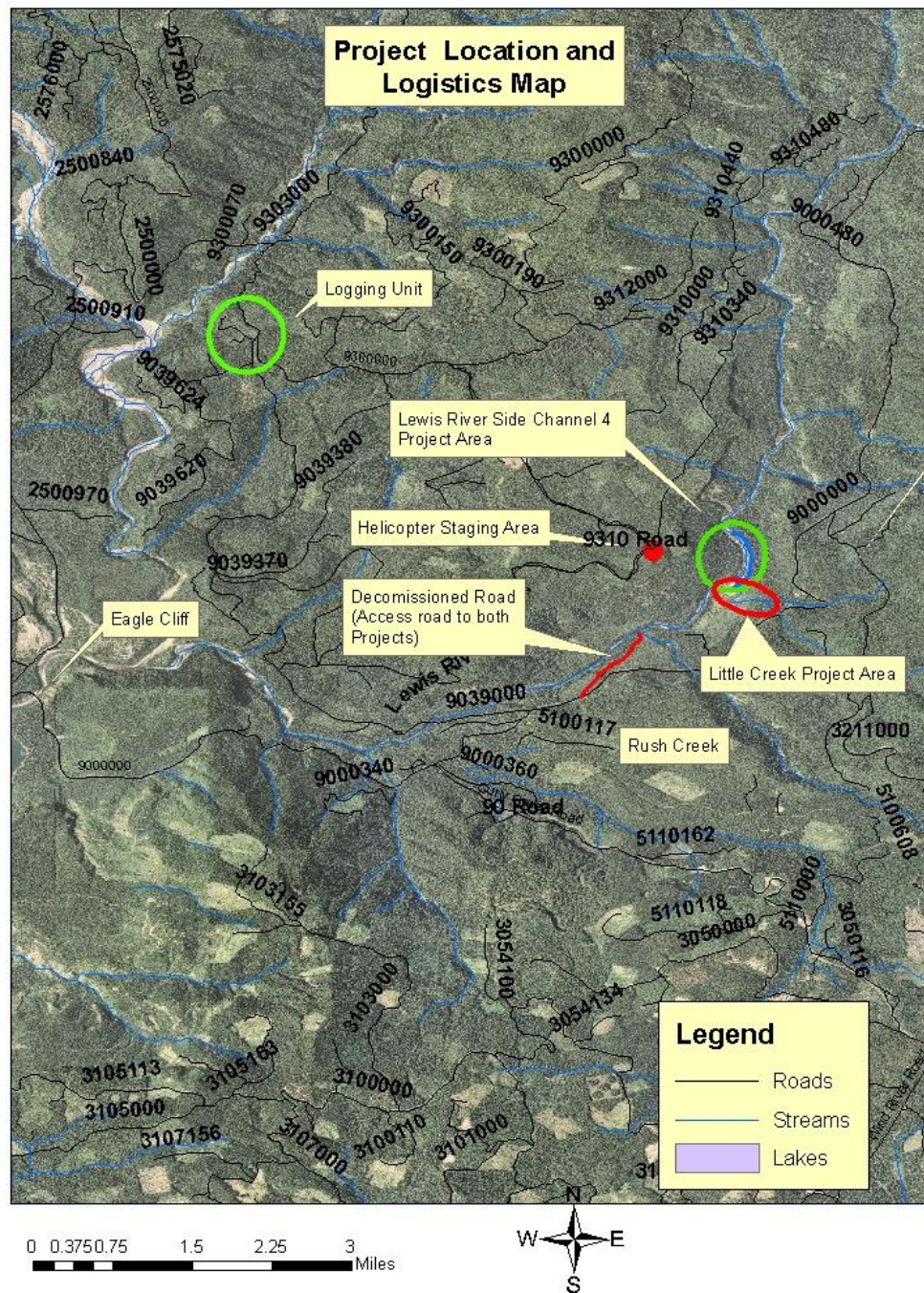
Salmon Plans

- The Lower Columbia Salmon Recovery Plan 2009 Six Year Habitat Work Schedule identifies this as a Tier 3 reach.
- For coho salmon it has an Overall Preservation rank of 56 of 100, and Overall Restoration rank of 63 of 103. Concern ratings were high for habitat diversity, sediment loads, and channel stability.
- The ACC Synthesis Matrix rated this section of the river as having low restoration potential and as a Primary coho population area with a medium rating for coho reach potential.

Methods

- Thin a timber harvest unit from Pepper Cat to get trees with rootwads.
- Truck trees as long as possible from unit and stockpile at road landing near project site.
- Helicopter trees from landing into Little Creek.
- Excavator will access site via a decommissioned road near Rush Creek.
- Move trees into final position and install with an excavator. .
- Bury some trees for key anchor points and put others on the bank to create LWM clusters





Typical section of Little Creek



Typical section of Little Creek



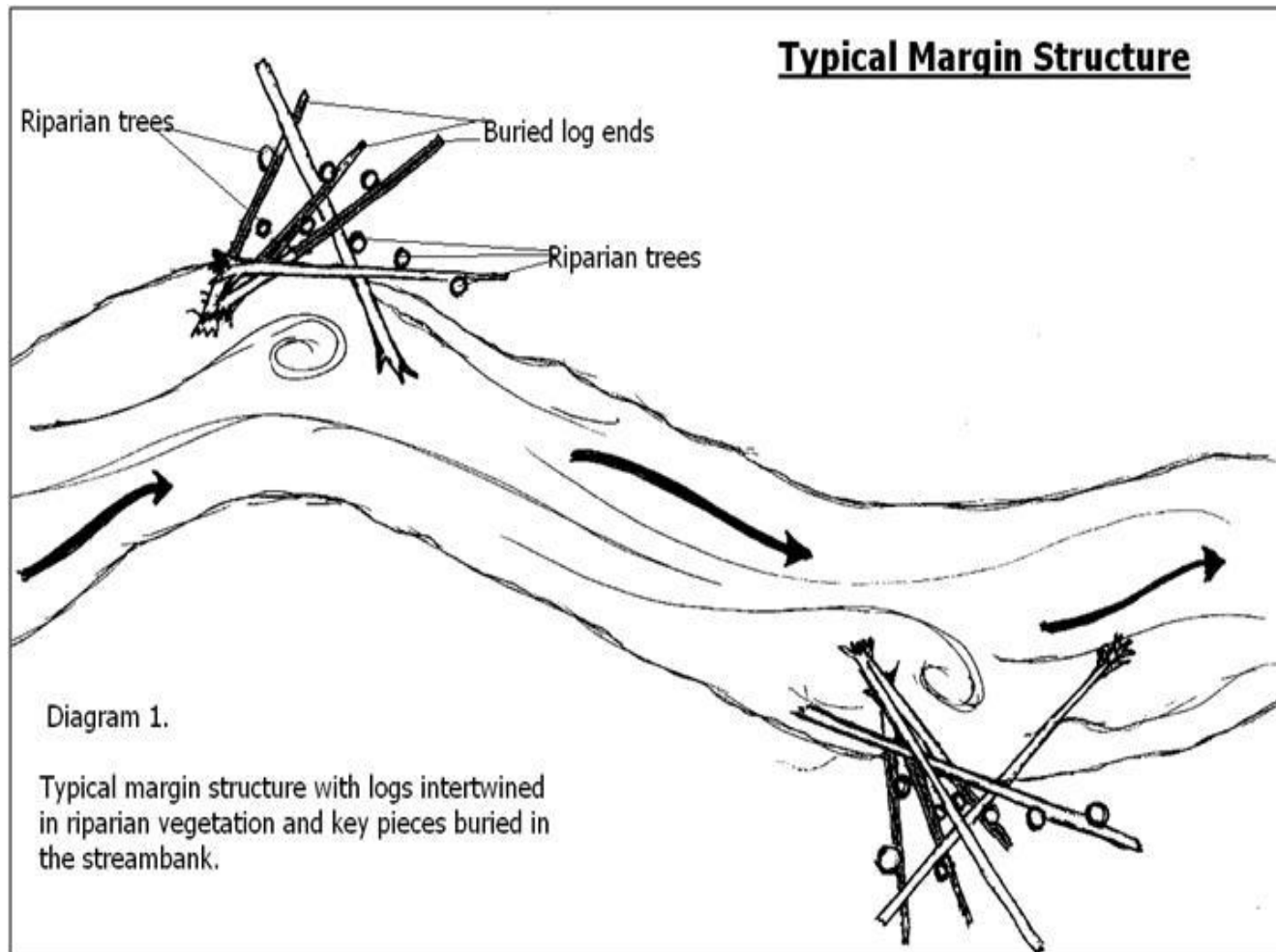
Typical section of Little Creek



Typical section of Little Creek



Typical Structure



Project Budget

Action	ACC Funds	Partner Funds
NEPA	\$8,000	
Final Designs and Project Mgmt and Contract Administration	\$8,000	\$14,000
Equipment Contract	\$67,000	
Materials	\$1,000	\$30,000
Monitoring	\$3,000	\$2,000
Total	\$87,000	\$46,000

A cost saving of approximately \$18,000 can be obtained if this project is combined with Lewis River Side Channel 4. Savings would be reduced NEPA and equipment move-in costs for a total of **\$69,000**.

Project Partners

Partner	Contribution	Funds
Forest Service	Project development, Contracting, Permitting, Monitoring	\$14,000 In-kind
	Trees	\$30,000
Mt. St. Helens Institute	Monitoring	\$2,000 In-kind