Harvest and Transportation Plan for the Burnt Mtn. Planning Unit within the Olympic Experimental State Forest

Planning Area Location:

Proposal:

The 2000 Forestry Engineering class at the University of Washington proposes to provide a harvest and transportation plan to the Washington State Department of Natural Resources. This effort will coincide with the capstone design course required of all graduating FE seniors.

The plan will be developed utilizing the latest ideas in forestry management, along with computer analysis of economic and environmental issues.

A design will be developed that meets, or exceeds, DNR objectives for sustainable and environmentally sensitive harvest planning. Design parameters are specified by regulatory requirements such as DNR’s HCP and the Washington Forest Practices Act.

Economic outputs will be specified as a function of Average Yarding Distances (AYD), a major variable relating to economic profitability of harvest designs.

Process:

The project will be accomplished in three phases during the spring quarter of 2000.

Phase 1: Pack Forest (3/27 – 4/21)
- Office set-up and communications connections
- Meetings with DNR managers to define expectations
- Data assessment and analysis
- Preliminary design development of harvest and road systems

Phase 2: Field Work (4/24 – 5/12)
- Verify preliminary designs
- Gradeline proposed roads
- Identify sensitive areas
- Collect additional data

Phase 3: Pack Forest (5/15 – 6/8)
- Redesign based on field data
• Report editing/design
• Finalization of design

**Deliverables:**

• Comprehensive report with road designs, landing locations, economic analysis, and maps
• UW manipulated/created coverages
• Presentation to DNR on 6/1

**Questions or comments can be directed to:**

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