

# STREAM CORRIDOR DESIGN



## MEADOW LAKE FISH HABITAT ENHANCEMENTS, NESTUCCA RIVER, MCMINNVILLE WATER AND LIGHT, OR

- Enhancements to wild and scenic river section
- Large woody debris and log “spreader weirs” for enhancement of critical fish habitat

## CHEHALEM CREEK WETLANDS MITIGATION PROJECT, YAMHILL COUNTY NEAR NEWBERG, MCMINNVILLE WATER AND LIGHT, OR

- 19 acres of wetland restoration and enhancement
- Restoration of natural stream meandering
- Removal of invasive species
- Native species replacement planting



## I-5 AT BELTLINE INTERCHANGE STORM DRAINAGE ANALYSIS & DESIGN, ODOT

- Interchange reconfiguration project
- Storm drainage basin analysis
- Coordinated with the overall interchange improvements
- Various scenarios for stormwater detention and conveyance analyzed
- 3,050 cubic meter stormwater detention facility
- 1,620 meter long multi-celled, linear, grassy swale
- Water quality feature and flood channel
- Maintenance access road including a 7.6 m span box culvert