October 10, 2000

To: The Honorable John A. Kitzhaber, M.D.
Governor of Oregon

From: Thomas D. Lulay, Executive Deputy Director
Transportation Operations

Subject: Oregon Plan Quarterly Implementation Report
July – September, 2000

Accomplishments on ODOT's Action Items:

Statewide

ODOT Action Item 3: Maintenance Management Maps

- Maps for ODOT Region 3 are complete.
- Maps for ODOT Region 2 are being printed and will be distributed this fall.
- Maps for ODOT Regions 1, 4, and 5, are still being developed. Fieldwork necessary to complete maps for regions is planned to start in July 2001.

ODOT Action Item 6: Environmentally Sensitive Design

- ODOT developed six draft bioengineering design concepts for bank stabilization.

ODOT Action Item 12: Education

- ODOT sponsored two Fluvial Geomorphology classes, focusing on the study of rivers and how geology and topography/geography affect them. The classes were attended by ODOT hydraulic designers and biologists as well as representatives from the Division of State Lands, Oregon Department of Fish and Wildlife, Department of Geology and Mineral Industries, Oregon State University Extension Service, and Watershed Council managers.

North Coast Measures (Siuslaw, Mid-Coast, North-Coast)

ODOT 2: Culvert Inventory, Assessment and Remediation.

- Squaw Creek – Replaced five culverts with a bridge to increase fish accessibility to Squaw Creek from the Nehalem River. All instream work is complete. Final adjustments to the bridge structure will be completed by the end of October 2000.

South Coast Measures (Umpqua, Coos, Coquille, Ten Mile, Rogue, South-Coast)

ODOT 2: Culvert Inventory, Assessment, and Remediation.

- Upper and Lower Buck Creek – Improved rock weir at outlet of two culverts to raise height of jump pools to allow for juvenile fish passage at low water flows. Also placed notch in apron curb to reduce sheet flows.
- Canyon Creek – Placed two rock weirs at outlet of culvert to raise height of pools at outlet to improve juvenile fish passage at low water flows. Installed sheet metal pieces on fish baffles inside culvert to create hydraulic shadows to improve adult fish migration at high water flows.
- Branch-Langel Creek – Placed riprap to protect bank from erosion and improve water flow into culvert.
- Eel Creek – Installed wooden crib wall to deflect water and prevent further bank erosion. Also installed large woody material along stream bank to reduce bank scour and create habitat for fish. Local watershed group will complete willow plantings this fall.
- Jones Creek – Installed large boulders in stream to improve pools and make outlet apron to enhance fish passage.
- Woodford Creek – Added random rock to culvert outlet to aid in bedload recruitment.

Willamette Measures (Upper, Middle, Lower Willamette, Scappose, Sandy)

ODOT 2: Culvert Inventory, Assessment and Remediation.

- Tickle Creek – Installed large rock weirs and roughened chute to culvert to permit passage of juvenile and adult anadromous fish and cutthroat trout.

ODOT 6: Environmentally Sensitive Design.

- West Fork Dairy Creek – Bank stabilization project utilizing bioengineering design.

Central Measures (Hood, Deschutes, Klamath, Goose and Summer Lakes)

- No projects completed at this time.

Eastern Measures (John Day, Umatilla, Grande Ronde, Malheur, Owyhee)

ODOT 2: Culvert Inventory, Assessment, and Remediation.

- Porter and Rock Creek – Incorporated roughened chutes into culverts to improve fish passage.
- Clear Creek, Dry Fork, Phipps, Squaw Creeks – Installed concrete box culverts to improve fish passage.
- Mill Creek – Started the design of box culvert and channel relocation as part of an Oregon Watershed Enhancement Board (OWEB) grant project.

Other Agency Activities that Support the Oregon Plan:

- Continued development of erosion control plans for construction projects.
- Bank stabilization project in the Warner Basin (Central) on Blue Creek has been completed.

- Bank stabilization project in the McKenzie Basin (Willamette) on the McKenzie River was completed. Project included incorporating willow and maple plantings into a riprap slope repair. To ensure success of vegetation, additional willows will be planted in cooperation with the U.S. Forest Service in spring 2001.
- Bank stabilization project in Siletz-Yaquina Basin (North Coast) on the Nestucca River was completed. Streambank repair included careful placement of riprap, avoiding disturbance of existing riparian vegetation. Planting of additional willows and maples on-site will be completed in spring 2001.
- Bank stabilization project in Alsea Basin (North Coast) on Little Cummins Creek was completed.
- Bank stabilization project in Flores Creek (South Coast) was completed. The project included incorporation of woody debris into approximately 300 feet of riprapped bank to improve bank complexity and create aquatic micro-habitat.
- Bank stabilization Umpqua Basin (South Coast) on Calapooya Creek was completed. The project included installation of riprap around bridge footings to prevent additional scour. Replanted riparian vegetation.
- Embankment repair on Little Phillips Creek in the Grande Ronde Basin (Eastern).
- ODOT worked cooperatively with other state and local agencies to clean up an illegal dumpsite at Two-Mile Creek in Eastern Oregon.
- The National Marine Fisheries Service under the final rules for salmon and steelhead protection adopted ODOT “Routine Road Maintenance Water Quality and Habitat Guide, Best Management Practices”.
- The ODOT Director is continuing to work with other states on the Northwest Regional Streamlining effort to simplify the processes related to the Endangered Species Act regulations.

Cc: Louise Solliday
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ODOT Distribution