

FY 2009 RESEARCH PROBLEM STATEMENT

Use this form to submit a problem statement

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barnie.p.jones@odot.state.or.us

ODOT Research Unit
200 Hawthorne Ave. SE, Suite B-240
Salem, OR 97301-5192

Office Phone: (503) 986-2700
FAX Phone: (503) 986-2844

TITLE

Biological Assessment of Retrofitted Culverts for Fish Passage

PROBLEM (Description of need)

As a part of the Oregon Plan for Salmon and Watersheds, culverts have been retrofitted in order to facilitate fish passage. It is not know whether the retrofitted culverts are passing juvenile fish. Also, culvert retrofit design information has not, in all cases, been adequately documented. Determining the culvert effectiveness for fish passage is key to successful long-term habitat improvement for Threatened and Endangered Species.

PROPOSED RESEARCH, DEVELOPMENT OR TECHNOLOGY TRANSFER ACTIVITY

Establish a monitoring protocol that is in line with what neighboring states are doing. Start monitoring the culverts that have already been retrofitted and report these results, relating to actual fish passage and hydraulic information. Make determinations on effectiveness of fish passage based on study results of the different retrofit designs.

BENEFITS

The information will assist the state in culvert retrofit design in terms of fish passage. The information would also assist the region by adding further information to that which is currently being gathered on fish passage in Washington and California.

CONTACT PERSON:

Name, address phone number and e-mail

John Doe
Research Unit
200 Hawthorne SE, Suite B-240
Salem, OR 97301-5192

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