

# FY 2010 RESEARCH PROBLEM STATEMENT

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## TITLE ([more info](#))

Pavement Marking Investment Optimization

## PROBLEM (Description of need) ([more info](#))

Oregon spends considerable sums for pavement markings but has no system to optimize the selection of the varied materials. To more effectively manage this large program that must account for a myriad of variables (weather, volumes, longevity of markings). A systematic approach would enable detailed understanding of the issues, more strategic investments, and explicit link to safety outcomes.

## PROPOSED RESEARCH, DEVELOPMENT OR TECHNOLOGY TRANSFER ACTIVITY ([more info](#))

1. Evaluate management systems and optimization process used in U.S. for pavement markings
2. Complete literature review of safety benefits of pavement markings
3. Evaluate current ODOT pavement marking management process
4. Develop optimization methodology
5. Develop implementation analysis and protocol

**BENEFITS** ([more info](#))

Better investment decisions  
Increased lane miles of pavement markings  
Delivery based on critical needs  
Support for safety benefits

**CONTACT INFORMATION:**

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Problem Statement Number: