

# OREGON DEPARTMENT OF TRANSPORTATION CALL FOR RESEARCH PROBLEM STATEMENTS

**DEADLINE: NOVEMBER 15 2023**

Each year ODOT Research asks our partners to identify transportation problems that impact Oregon. Funds and other resources are available for **Research** (study of a transportation problem) and **Development** (design and/or testing of a new transportation tool or procedure).

This year we are seeking problem statements that address the following topics and how they relate to transportation:

- Safety
- Equity
- Climate
- Organizational Structures
- Process, material, or equipment improvements
- Cost reductions or savings to construction, operations, or asset maintenance
- Workforce Development
- Innovative Technologies and Systems

Research development and technology transfer problems are typically exceptional in some way, seeking to develop new knowledge about a given problem or exploring an innovative new solution. Successful ODOT research projects start with transportation related research problem statement that:

- is **novel**. The research will identify new information that increases our knowledge of the identified problem.
- has an **uncertain** outcome. Research is needed to identify a solution that isn't obvious to an expert.
- can be analyzed with a **scientific study**. Research will use specific methodology to answer a research question. and
- could be lead to a **solution**. ODOT research focuses on applied research that produces a practical solution to the transportation problem that can be used across the state and nation.

Identifying a problem is easy. We have a three page form for you to describe the problem, discuss how research might help, list potential benefits and describe how the results will be used (implementation).

The deadline for submission of research problem statements is **November 15**.

You will find the form online at:

[https://www.oregon.gov/odot/Programs/ResearchDocuments/Stage\\_1\\_Problem\\_Statement\\_Form.docx](https://www.oregon.gov/odot/Programs/ResearchDocuments/Stage_1_Problem_Statement_Form.docx)

Additionally you will find guidance on how to complete this form at:

[https://www.oregon.gov/odot/Programs/ResearchDocuments/Stage\\_1\\_Guidance.pdf](https://www.oregon.gov/odot/Programs/ResearchDocuments/Stage_1_Guidance.pdf)

Additional information about the ODOT Research program may be found online at:

<https://www.oregon.gov/odot/programs/pages/research.aspx>