

## Oregon/Western RUC Consortium Funding and Objectives:

Fiscal Year	Amount Granted	Objective(s)
2016	\$1,500,000	Define and outline a multi-State pilot focused on consistency, interoperability, and compatibility.
2017	\$2,590,000	Launch a pilot between California and Oregon which connects the two States' per-mile road usage charging system, with the ultimate goal of expanding the concept regionally.
2018	\$950,000	Continue exploring road usage charge systems and automated vehicles at both the State and regional levels.
2019	\$250,000	Design and test blockchain technology to share transactional information between jurisdictions. Blockchain represents a digital database containing information (such as records of financial transactions) that can be simultaneously used and shared within a large decentralized, publicly accessible network.
2020	\$134,875	Road Usage Charge Summit: RUC West will host a conference that will explore opportunities and barriers to interoperability, expand knowledge about RUC and foster new partnerships.

**Program Approach and Design:** The ODOT is the lead agency for RUC West's application. The RUC West is a voluntary coalition of 14 State DOTs (Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, North Dakota, Oklahoma, Oregon, Texas, Utah, and Washington) looking to tackle the policy, organizational, technological, and operational challenges associated with RUC. Since 2013, RUC West has attempted to resolve many of the technological and operational challenges involved in improving the future of transportation infrastructure funding. Through 5 years of research and pilot programs, the consortium has developed the groundwork for per-mile RUC while addressing issues such as interoperability, privacy, public education, and rural/urban equity.

The purpose of RUC West's Phase I pre-deployment activities was to define and plan a consistent, interoperable, and compatible multi-State RUC. Phase I was divided into two parts. Phase 1A included efforts by all participating States to create system definition of a multi-State pilot. Phase 1B, which included only California, Colorado, Oregon, and Washington, focused on the development of the regional pilot project plans to be carried out in STSFA Phase II. The RUC West's Phase I included the following activities:<sup>1</sup>

- Researching and drafting pilot plans.
  - Pulling together technical design documents.
  - Creating a communications plan along with information folios and media kits.
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- Gauging private sector vendor interest.
- Compiling a list of future considerations for RUC development.

<sup>1</sup> Because RUC West is a multi-State coalition and does not recommend specific technologies, several STSFA pilot requirements related to technology use (e.g. data and communications security, charging accuracy, and usage payment evasion) were not detailed in Phase 1.

More information is available at: <https://www.rucwest.org/>.