

Research Support

November 2025

Project Title: TPF-5(526), Western Transportation Research Consortium

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TPF-5(526), Western Transportation Research Consortium

AASHTO RAC Region IV presents this transportation pool funded initiative to conduct strategic research and foster collaboration among member states.

WHAT IS THE NEED?

Its purpose is to pool the financial, professional, and academic resources of the region to develop improved methods of dealing with common problems in the planning, design, construction, maintenance, management and operation of transportation systems.

The consortium will gather DOT research and innovation professionals, virtually or in-person, to prioritize transportation needs and allocate resources. It will also address high priority transportation research topics of common interest to RAC IV states. The lead state will manage contracted services and adhere to the consortium charter.

WHAT ARE WE DOING?

State DOTs will identify priority topics that they hold in common and for which expertise exists in the region. Potential focus areas can include:

- Research implementation
- Freight issues
- Highway infrastructure issues
- Environmental topics
- Transportation Funding
- Transportation Innovation

WHAT IS OUR GOAL?

Address high priority transportation research topics of common interest and for which expertise exists in these states.



DRISI provides solutions and knowledge that improves California's transportation system.

WHAT IS THE BENEFIT?

Benefits of the partnership include:

- Regional collaboration on common problems will allow participants to more effectively use its resources.
- Collaboration will provide an effective way to focus resources on the Region's transportation research priorities.
- The program will provide an additional way to leverage research and technology transfer funding of the state DOTs.
- The program will provide a means to define, support and share technology of mutual interest.
- The program will provide a method for Peer Exchange support.
- The partnership will develop a longer-range plan of collaboration (strategic plan).
- A focused program will help promote interest in transportation related fields by researchers and students within the research institutions in the region.

WHAT IS THE PROGRESS TO DATE?

At the WTRC Advisory Committee meeting and peer exchange held in Austin, Texas from May 20-22,

2025, the Advisory Committee selected two research ideas for development into Subject Matter Expert Topical Discussions.

- CTC & Associates collected and compiled the results from the ballot for 2025 Research ideas. The ideas were discussed, and projects were selected at the Austin, Texas meeting and peer exchange. CTC & Associates created an online OneDrive tracking spreadsheet for all funded activities.
- CTC & Associates assisted with three NCHRP Synthesis submissions. Advisory/Technical Committees. Provide all services necessary to manage the administrative and functional activities of UDOT, the WTRC Advisory

Committee and the research technical committees.