

# DRISI

CALTRANS DIVISION OF RESEARCH,  
INNOVATION AND SYSTEM INFORMATION

# Research Notes

Pavement

FEBRUARY 2024

Project Title:  
Technology Exchange on  
Managing Pavements

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## Technology Exchange on Managing Pavements

A pooled fund project that allows Caltrans to participate in related workshops to gain an insight into pavement management practices and innovation in participating states.

### WHAT IS THE NEED?

Peer exchanges, as required under 23 CFR, Section 420.207(b), are a practical and effective tool to foster excellence in research and technology program management. Caltrans, together with other State DOTs, will therefore partner with Iowa Department of Transportation (Iowa DOT) in developing the format and program for the 11th International Conference on Pavement Management organized by Iowa State University. Caltrans will also participate in related workshops and technology exchange activities dedicated to state DOTs, concurrently with Conference.

Open exchange of ideas, knowledge, and brainstorming among research colleagues and practitioners provides an opportunity for Caltrans to find the means to restructure or fine tune its practical knowledge concerning pavement management implementation and innovative techniques to support asset management activities. It also provides an opportunity for Caltrans to share best practices, strategies, and management innovations to enhance the working knowledge of the pavement management community.

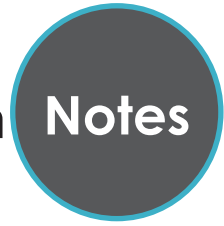
### WHAT ARE WE DOING?

Iowa DOT will serve as the lead state for the execution of this pooled fund project. Iowa State University Center for Transportation Research and Education will facilitate the administrative duties associated with this project. The main tasks of this project are:

- Coordinate a workshop Technical Advisory Committee meeting for member states to learn and review challenges associated with the implementation of pavement management, and to allow sharing best practices and



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- strategies for overcoming certain challenges.
- Participate in the 11th International Conference on Managing Pavement Assets to provide a venue for the member states to exchange information on the challenges to pavement management development and implementation.
- Provide post wrap-up to the webinar “Strategies for developing and implementing the next generation pavement management approaches and systems” for partner states.

## WHAT IS OUR GOAL?

The main goals of this project are:

- Provide communication and information sharing regarding pavement management practices and innovation among member states.
- Discuss research needs and provide research ideas to the Transportation Research Board (TRB).
- Provide a technology and knowledge exchange forum to enhance the practical knowledge of member states concerning pavement management implementation and how to support asset management activities.
- Enhance the working knowledge of the pavement management community.

## WHAT IS THE BENEFIT?

This pooled-fund project:

- Allows Caltrans to gain an insight into the pavement management practices and innovation among member states
- Helps enhance Caltrans’ practical knowledge concerning pavement management implementation and how to support asset management activities
- Allows Caltrans to discuss its research needs among member states and provides research ideas to TRB
- Enhances the working knowledge of the pavement management community

## WHAT IS THE PROGRESS TO DATE?

- Iowa DOT hosted the 11th International Conference on Management Pavements held in Chicago, IL in June 2022.
- Iowa DOT is working with TRB on publishing the conference papers and presentations.
- There is a need to extend the project for six months to address some technical challenges.