

## How to Join

- Acquire more information on our website ([www.intrans.iastate.edu/smartwz/](http://www.intrans.iastate.edu/smartwz/)).
- Contact your research or administrative lead. This pooled fund is officially part of the Transportation Pooled Fund Program ([www.pooledfund.org](http://www.pooledfund.org)). Search by project number TPF-5(295). The lead agency is the Iowa Department of Transportation.
- Invest a minimum of \$25,000 per year for voting privileges.

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POOLED FUND OPPORTUNITY!

## The Smart Work Zone Deployment Initiative (SWZDI)

JOIN A POOLED FUND WITH  
A PROVEN TRACK RECORD!

**SWZDI**   
Smart Work Zone Deployment Initiative  
[www.intrans.iastate.edu/smartwz](http://www.intrans.iastate.edu/smartwz)



## What is the SWZDI Pooled Fund?

The primary objective of the Smart Work Zone Deployment Initiative (SWZDI) is to promote and support research and outreach activities that focus on innovative practice-ready policies, processes, tools, and products that enhance the implementation and constructability, safety, and mobility impacts of all types of work zones.

SWZDI has a 15-year proven track record of funding useful work zone-related research and outreach products. It has resulted in more than 80 studies, evaluations, and syntheses.



## Successful Past Projects

SWZDI has supported more than 80 projects. They have included the evaluation of a number of technologies and the development and/or analysis of various policies, processes, tools, and products. A few examples include:

- A Smartphone-Based Prototype System for Incident/Work Zone Management Driven by Crowd-Sourced Data
- Effectiveness of Work Zone ITS
- Evaluation of Variable Advisory Speed Limits in Work Zones
- Evaluating the Effectiveness of Temporary Work Zone Pavement Marking Products
- Use of Incentive/Disincentive Contracting to Mitigate Work Zone Traffic Impacts
- Development of a Work Zone Training Program
- Evaluation of Technology-Enhanced Flagger Devices: Focus Group and Survey Studies in Kansas
- Application of Visualization and Simulation Program to Improve Work Zone Safety and Mobility
- Development of Guidelines for the Use of Multiple Arrow Panels in Short Term, Short Duration, and Mobile Work Zones

Reports from these and other projects either partially or fully funded by the SWZDI are available on the SWZDI website. The website also contains the annual workplan for each project year.

## Why Join?

- Improve the efficiency and effectiveness of your work zone related decisions — from policies to processes and tools to technologies.
- Work with other states that want to collaboratively address requests and questions about the implementation and effectiveness of new processes, policies, products, tools, and technologies.
- Join other states that are committed to funding practice-ready and innovative work zone-related research and outreach projects.
- Stay current on new work zone innovations through a collaborative partnership of agency representatives, researchers, and vendors.
- Minimal investment in funds and time that produces significant results.