

National Concrete Pavement Technology Center

MAKING A DIFFERENCE



ACPA

Uniting public agencies, industry, and researchers around the country to address priority needs and advance concrete pavement technology

Who we are

The National Concrete Pavement Technology Center (CP Tech Center) is the national hub for concrete pavement–related technology transfer, research, and implementation.

The center’s mission is to unite key transportation stakeholders around the central goal of developing and implementing innovative technology and best practices for sustainable concrete pavement construction and maintenance.

What we do

We meet the needs of the concrete paving community by providing resources to design, build, and maintain sustainable concrete pavements. We research issues important to the concrete paving community and provide cutting-edge information and technology in useful, accessible ways that encourage implementation.

In addition to in-house staff and researchers, we collaborate with a large pool of experts from around the country—researchers, trainers, and authors—to ensure the best people are tapped to address any given need.

We are making a difference

As it has done since its inception in 2005, the CP Tech Center is changing practice by training thousands of people across the country each year and providing research results and publications to users worldwide. Additionally, CP Tech Center staff offer resources, services, and technology support to agencies and industry throughout the United States.

National Concrete Pavement
Technology Center



IOWA STATE
UNIVERSITY
Institute for
Transportation



How we operate

Guided by a national-level, long-term perspective, we collaborate with our audiences and partners to identify priority topics and specific needs for each region. To meet these needs, we conduct research, develop technologies, and provide information through various means:

- Manuals, guides, and technical briefs that are kept current
- Workshops, presentations, and webinars
- Forums for information sharing and discussion
- Demonstration projects and pilot projects
- Site visits
- Expert advisory teams that assist with training and troubleshooting

Who we serve

Our primary audiences:

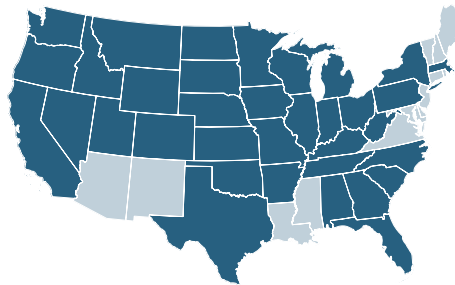
- State and local agencies, particularly through the National Concrete Consortium (NC²)
- Industry, primarily through trade associations

Our partners and collaborators:

- Federal Highway Administration
- Federal Aviation Administration
- Researchers and consultants around the United States and internationally
- State departments of transportation
- Concrete pavement industry

Collaboration for Progress

Reaching state partners through concrete pavement technology transfer



What we focus on

Our current focus areas are the following:

- Mixture optimization for longevity, sustainability, and carbon reduction
- Sustainability
- Resilience
- Recycling
- Quality control/assurance
- Preservation
- Concrete overlays
- Specifications

National Concrete Pavement Technology Center

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