



ACPA Technical Service Briefing Report for 2025 Q4

ACPA's engineering staff deliver consultation, specification interpretation, education, and other technical services to ACPA members, State and Federal Agencies, and Chapter/State Partners. These services translate to millions of dollars annually in industry savings or profit/revenue potential. The summary provided below is a snapshot of some of the work performed during 2025 Q4, compiled for the purpose of conveying a clearer understanding of the value provided by ACPA's technical services staff. The work is broken up following [FAA's regions](#) to protect the anonymity of those involved and to maintain consistency on regional breakdown. The technical services provided by ACPA's engineering team have created opportunities and limited exposure resulting in an impact of an estimated \$2.5M to the industry.

Chapter/State Assistance

Affiliated ACPA Chapters and State Associations regularly interface with contractor members and work with them on technical issues and opportunities. ACPA technical staff routinely provide input and engage in these efforts to assist and complement the expertise of the local association and to honor the local relationships in place. This partnership brings a national perspective to issues and additional context to opportunities to improve specifications, design practices, and pavement selection opportunities. ACPA's members benefit from this work through advancements made with project opportunities and assistance on a project-by-project basis when needed. Many technical issues that ACPA engages in begin at the request of the local Chapter/State Association.

Great Lakes Region

- Addressed surface damage on apron pavement with Chapter/State Association
- Furnished concrete pavement design alternative for a project
- Assembled resources on bonded concrete overlays
- Addressed Pavement design questions and concerns
- Assembled resources on bus parking sections
- Reviewed cracking issue and provided feedback on potential causes and solutions

Eastern Region

- Provided guidance on use of wire mesh
- Supplied pavement design and LCCA evaluation
- Provided ADAB and design feedback for a potential project

Northwest Mountain Region

- Assisted Chapter with access to PMED
- Taught inspector certification program with Chapter/State Association

Western-Pacific Region

- Provided information on aggregates for military airfields

Southwestern Region

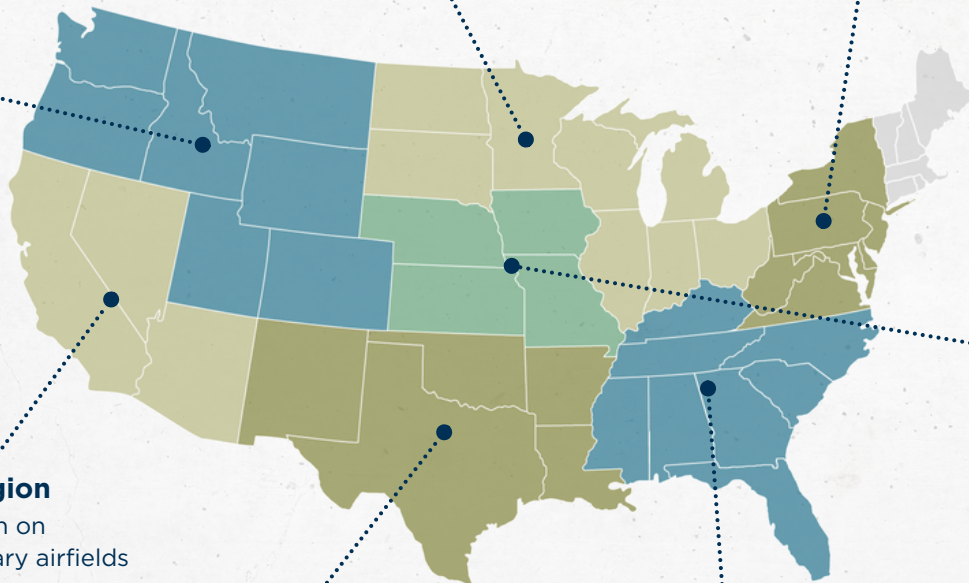
- Worked with Chapter on pavement design needs from DOT
- Developed example design alternatives

Southern Region

- Provided recommendations to state aeronautics for specific GA airfield spec

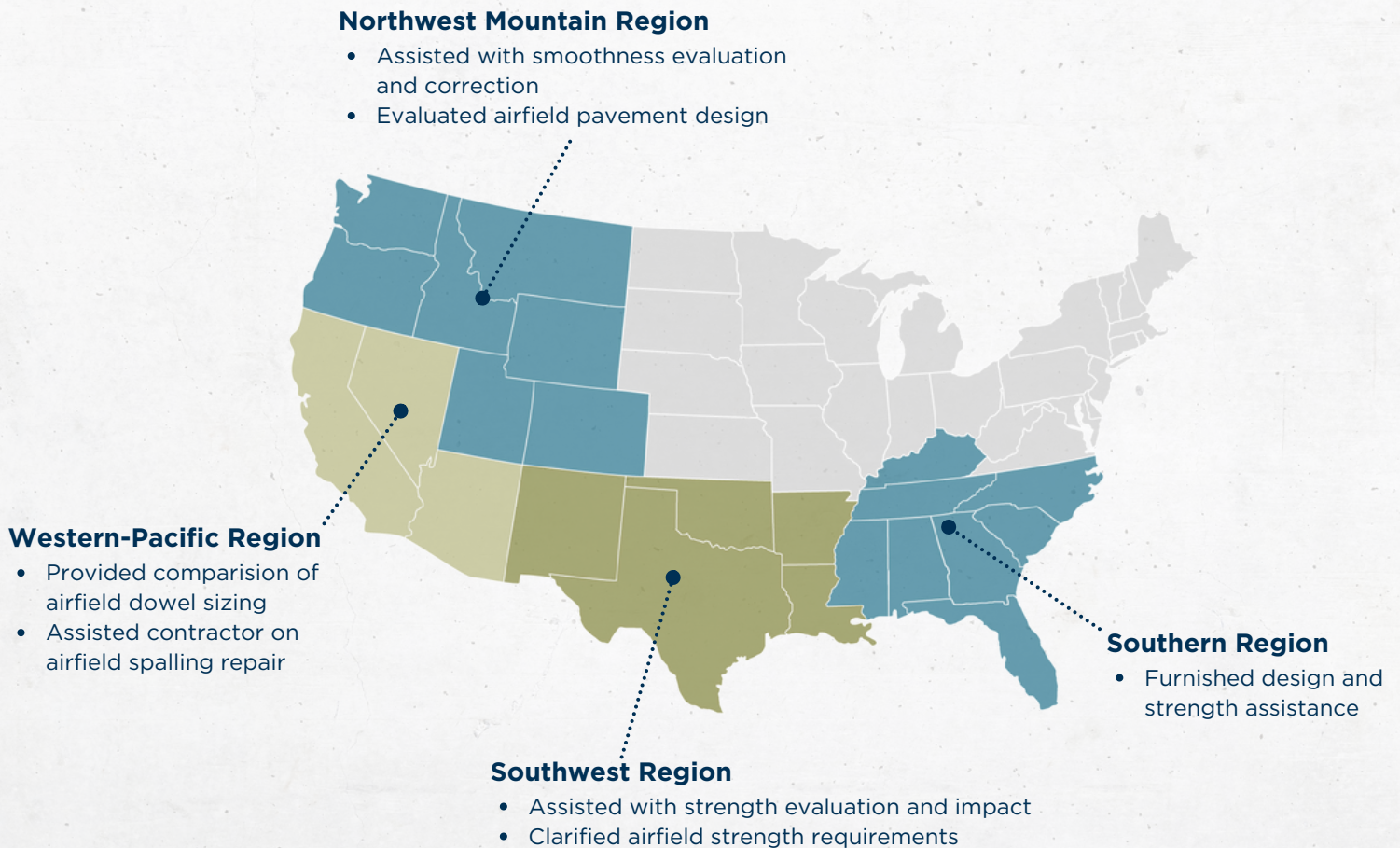
Central Region

- Discussed LCCA process for major corridor projects
- Provided deicer information to Chapter/State Association for work with DOT
- Delivered ASR Information to Chapter/State Association for airfield projects
- Assisted with letter on design options for concrete alternatives for major project
- Provided design assistance on fiber reinforced section



Direct Contractor Assistance

ACPA technical staff play a crucial role in supporting contractor members by providing expert assistance with technical issues. This direct support helps members avoid costly mistakes, optimize construction processes, and ensure project success. By leveraging the staff's extensive knowledge and experience, contractors can address challenges proactively, implement best practices, and improve overall efficiency. This not only enhances the quality of their work but also translates to significant cost savings through reduced rework, minimized delays, and improved long-term pavement performance. Sometimes contractor issues are brought to ACPA for assistance through the local chapter or state association and therefore may be captured on previous pages of this report.



Additional Member and Non-Member Assistance

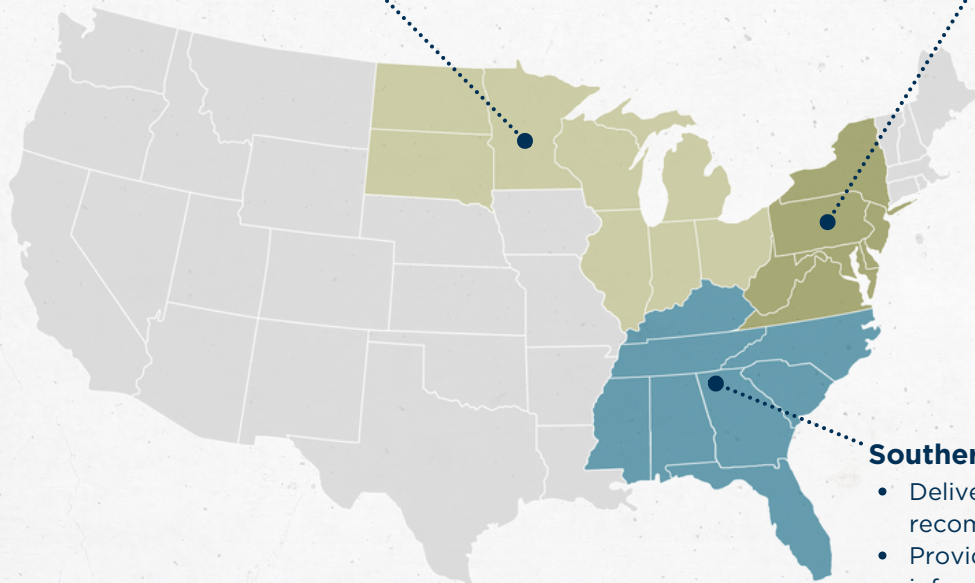
While most of ACPA's technical assistance can be captured between work for Chapter/State Associations and contractor members, staff also regularly provides help to other member classes (cement, consultants, equipment suppliers, dowel manufacturers, material suppliers, etc.). Additionally, ACPA staff also occasionally provide feedback and assistance to non-members through the Technical Services Policy or in support of software tools such as PavementDesigner.org.

Great Lakes Region

- Provided airfield early opening strength calculations
- Furnished Quality Control Plan guidance
- Assisted supplier with local connections addressing aggregate issues

Eastern Region

- Provided concrete sustainability resources to university researcher



Southern Region

- Delivered surface cracking recommendations
- Provided airfield deicer information
- Assisted a consultant with a PD concern

Nationally

- Collaborated with engineer on dowel bar tables for design guidance
- Addressed questions regarding DowelCAD

Internationally

- Assisted South African concrete industry with construction input on CRCP
- Assembled cracking resources for consultant in France
- Prepared presentation on US Paving Market and Best Practices for international cement member

Direct Agency Assistance

ACPA regularly engages directly with federal and national agencies such as FHWA, FAA, Tri-Services, AASHTO, etc. These interactions help represent the concrete pavement industry on the national stage and deal with issues that can impact members across the country. Additionally, ACPA technical staff will engage directly with state DOTs and other agencies in locations where ACPA does not have a Chapter / State association or when a DOT directly reaches out to National staff for assistance. In these latter situations, ACPA notifies and works with the local association to keep them informed.

Northwest Mountain Region

- Assisted airport with cracking evaluation

Great Lakes Region

- Assisted city with access to pavement design software

Central Region

- Provided DOT agency with roundabout details
- Addressed DOT questions concerning tying joints

Southern Region

- Worked with DOT on unique project recommendations
- Provided DOT with edge drain recommendations

Workshop and Meeting Participation during Q4 2025

ACPA technical staff enhance the knowledge and expertise of members and agencies nationwide by participating in chapter workshops and delivering presentations on requested topics. This proactive engagement is crucial for disseminating the latest advancements, best practices, and technical guidance related to concrete pavement construction. By sharing their specialized knowledge, ACPA staff empower industry professionals to make informed decisions, adopt innovative techniques, and overcome challenges effectively. This educational outreach fosters a culture of continuous improvement, ultimately leading to higher quality concrete pavements and greater success for ACPA members.

Florida - Pavewise

- Presented on smoothness throughout the life cycle

2025 Airport Workshop, Charlotte, NC

Oklahoma Streets & Local Roads Workshop

- Presented on Quality Control

Missouri DOT Inspector Training

MAASTO

- Participated in discussion on Type 1L cement

Wisconsin Concrete Pavement Association Meeting

- Provided ACPA National Update

Florida - Concrete Exposure Day

- Delivered Intro to Concrete for Airfields presentation

Kansas - Municipal Paving Seminars (Wichita & Overland Park)

- Presented on
 - Jointing 101
 - Roundabout Design and Construction

Arizona Pavements and Materials Conference

- Delivered presentation on utility cuts for concrete pavements

ACPA Annual Meeting, Carlsbad, CA