



***ACPA Technical Services  
Briefing Report for  
2022 Q4***

ACPA's engineering staff delivers 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 2022 Q4, compiled for the purposes of conveying a more clear understanding of the value proposition of the ACPA's technical services staff. Additional work of the staff in areas of market development or advocacy has been omitted for relative brevity.



***Airport Market***

ACPA's consultation resulted in potential member cost savings/opportunities of more than \$2M.



***Direct Agency Assistance***

ACPA efforts included addressing agency concerns before they become problems, advocating for constructible designs and improved specifications, as well as efforts for the overall concrete paving industry. Agencies served include state DOTs, the FAA and the DOD.



***Highway/SLR Market***

ACPA provided potential contractor savings of \$100k or more for CY2022 Q4. (This portion of the report does not include advocacy efforts at the Federal and State agency levels, which create and preserve additional market opportunities for the industry.)



***Direct Chapter/Affiliate Support***

National staff provided technical assistance and training/education sessions to Chapter/State partners. Attendees at workshops include members, industry professionals, State/Federal DOT officials, and other stakeholders. The work translates to professional development, continuing education, and market promotion. This quarter, it also includes potential member contractor savings of \$1M.



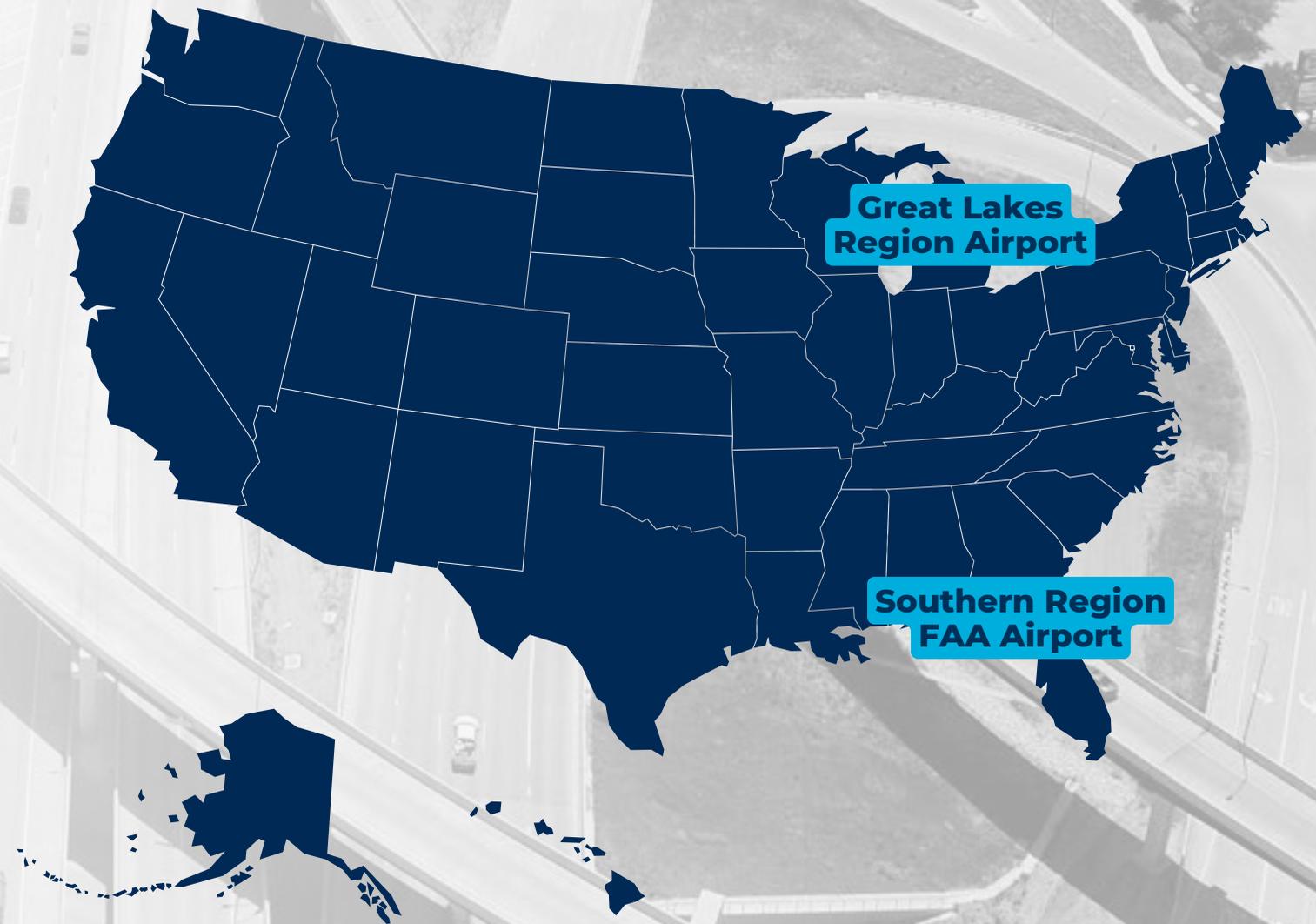
## ***Beneficiaries of ACPA Efforts During Q4***



### ***Airport Market***

ACPA's efforts during fourth quarter resulted in potential member cost savings/opportunities of more than \$2M. Efforts also include support of an IGGA member contractor, with potential savings to the groover at several hundred thousand dollars.

ACPA staff fielded numerous questions and phone calls from various engineers, contractors, and agencies. Many of these questions center around the cement specifications for Type IL cement and other interpretations of FAA and Tri-Services specifications and ACPA's responses often help to expedite project work and lower contractor and agency costs.



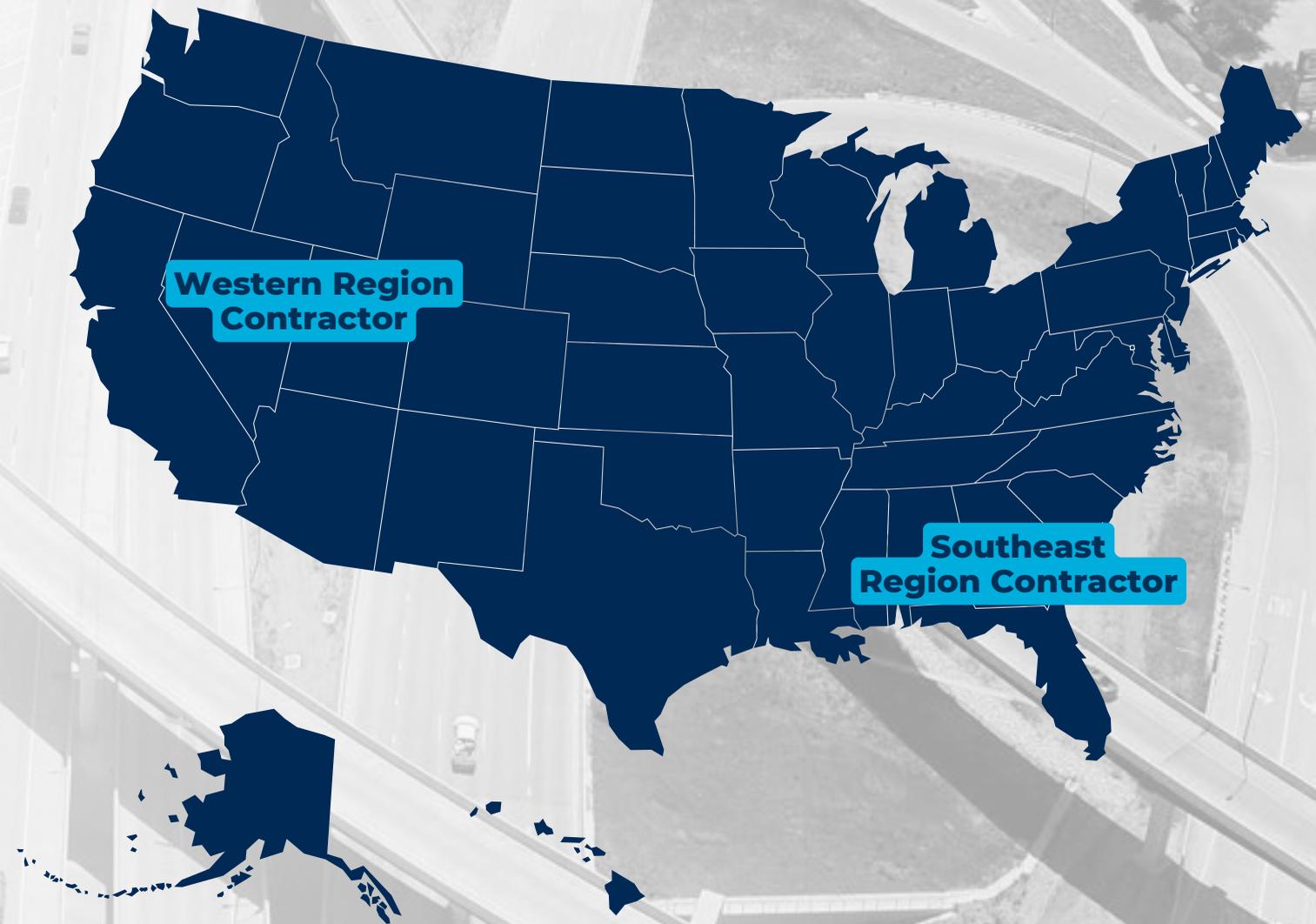


## ***Beneficiaries of ACPA Efforts During Q4***



### ***Highway/SLR Market***

Highway/SLR/Industrial Markets provide the potential for contractor savings of \$100k or more for 2022 Q4. This portion of the report does not include advocacy efforts at the Federal and State agency levels, which create and preserve additional market opportunities for the industry. Staff provided recommendations for joint evaluation and mitigation techniques, with a potential savings of more than 100K for the contractor. Assistance was also provided related to a Value Engineering Proposal.





## ***Beneficiaries of ACPA Efforts During Q4***



### ***Direct Agency Assistance***

ACPA efforts included addressing agency concerns before they become problems, advocating for constructible designs and improved specifications, as well as efforts for the overall concrete paving industry.

### ***FAA Headquarters***

Staff assisted in review of proposed Modification of Standards (MOS) for rapid repairs for the FAA. Implementation of the new MOS will result in more effective rapid repairs, thereby expanding the concrete repair market for airfields. ACPA staff also reviewed FAA's draft engineering brief, EB 106, which changes the cement specifications to include new blended and performance-spec cements (i.e., ASTM C595 and C1157 cements) and deletes the requirement for low alkali cement.

### ***DOD***

ACPA staff reviewed proposed revisions to the DOD's Airfield Grooving Specification to ensure that the proposed revisions are reasonable, will produce an effective product, and do not adversely affect member contractors.

### ***Southern Region FAA Private Aircraft Ramp***

ACPA staff reviewed plans for a large corporate aircraft ramp and met with the program manager to review the pavement design and details.

### ***State DOTs***

ACPA staff assisted many state and local agencies, which reduces proposed mitigation work, likely saving contractors several hundred thousand dollars.



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### ***Direct Chapter/ Affiliate Support***

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This quarter, it also includes **potential member contractor savings of \$1M.**

### ***Midwest Affiliate***

ACPA staff assisted C/S Affiliate staff with review of slab cracking issues on recent member-constructed project and determined that the approach identified in the project solicitation will result in additional project issues. ACPA staff helped formulate an alternate approach proposal which, if accepted, **will save the member Contractor \$1M.**