



CAPRI

CONSORTIUM FOR ASPHALT PAVEMENT
RESEARCH AND IMPLEMENTATION



Vision for CAPRI

A new forum that engages all stakeholders to advance asphalt pavement technologies through the development of **national research needs** and **implementation strategies**.



CAPRI – organization concepts

- Concepts modeled from the National Concrete Consortium (NC²) and other organizations
- Bi-annual meetings moved among participating orgs.
- Work with AASHTO COMP to facilitate changes



CAPRI – Goals

1. Develop asphalt pavement research needs
2. Provide technical guidance on current and evolving issues
3. Facilitate small-scale studies to address gaps and explore new topics
4. Foster implementation of practical research findings from any source



Small-scale research studies

- 1-year duration
- No more than 1/3 of available funding to a single project
- Examples:
 - Literature reviews and syntheses of practices
 - Ruggedness and ILS experiments
 - Limited laboratory experiments to test concepts
 - Field performance inspections for previous studies



Facilitate Implementation

- Share research findings with all stakeholders
- Develop consensus on research findings that should be broadly implemented
- Provide a better handoff to AASHTO COMP for new standards and changes to existing standards
- Recognize gaps and weaknesses in research and push those as research needs
- Support workshops, develop training materials and other tools and actions to aid implementation.



CAPRI – Two-part funding model

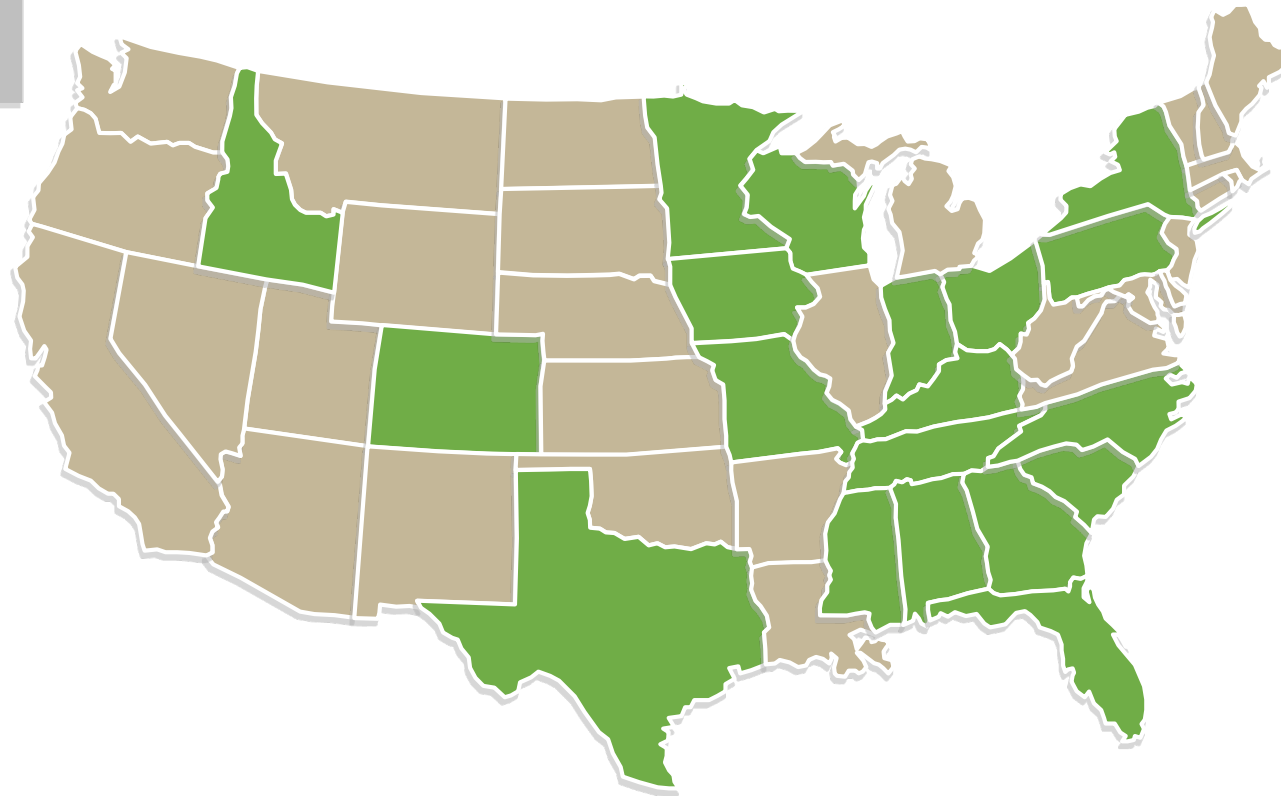
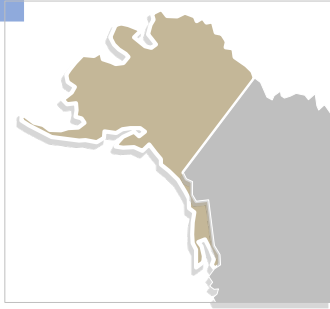
- Public sector – pooled-fund for highway agencies
 - \$10,000/year base funding
 - Base funding covers travel for one representative
 - Additional funds may be added for agency directed work needs
- Private sector – all other organizations
 - \$6000 annual dues per individual participant
 - Auburn University account
 - Does not include funds for travel
- Funds from both parts will be managed the same way



Current CAPRI Members

- State DOTs (19): AL, CO, FL, GA, IA, IN, ID, KY, MO, MN, MS, NC, NY, OH, PA, SC, TN, TX, WI
- Other organizations (16): Ajax Inc., APA of Indiana, Asphalt Institute, Blacklidge, CRH Americas Materials, C.W. Matthews, Flexible Pavements of Ohio, Heritage Research Group, Illinois APA, Ingevity, Mathy Const., NAPA, NCAT, Pacific Geosource, Payne & Dolan, TTI
- Additional DOTs and organizations are pending

State DOTs Who Have Joined CAPRI





CAPRI - management

- CAPRI Executive Committee
 - Set by-laws and policies
 - Approve annual budgets
 - Establish technical subcommittees and chairs
 - Set meeting agendas
 - Approve small-scale research projects and implementation activities



CAPRI – Executive Committee

- Representatives from the following groups
 - State DOTs (5) – nominated by AASHTO COMP
 - NAPA (1)
 - SAPAs (1)
 - Contractors (2) – nominated by NAPA and SAPAs
 - Asphalt Institute (1)
 - Academia (1) – nominated by TRB
 - NCAT (1) – ex officio (non-voting)



CAPRI Executive Committee

Organization	Representative	Title
Colorado DOT	Michael Stanford	Asphalt Program Manager
Mississippi DOT	Griffin Sullivan	State Materials Engineer
Missouri DOT	John Donahue	Construction & Materials Liaison Engr.
Ohio DOT	Eric Biehl	State Asphalt Materials Engr.
Wisconsin DOT	Steve Hefel	HMA Supervisor
Walbec Group	Stacy Glidden	Materials Technology Manager
Heritage Research Group	Jason Wielinski	Dir. of Const. Matls. & Lab Mgr.
Asphalt Institute	Mark Buncher	Director of Engineering
NAPA	Richard Willis	VP for Engrg., Research & Tech.
Flexible Pavements of Ohio	John Crane	Pvmts, Matls, and Field App. Engr.
Texas A&M Trans. Inst.	Jon Epps	Exec. Assoc. Director



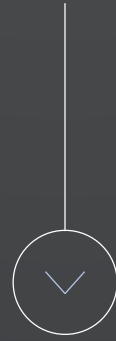
CAPRI - operation

- NCAT's role
 - Coordinate meetings
 - Manage accounting
 - Prepare deliverables from CAPRI meetings
 - National Asphalt Research Roadmap (web-based)
 - When selected, conduct small-scale studies and implementation assistance

CAPRI's First Meeting

- October 5-7, 2021
- Hosted by Heritage Research Group's "The Center"





Thank You

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