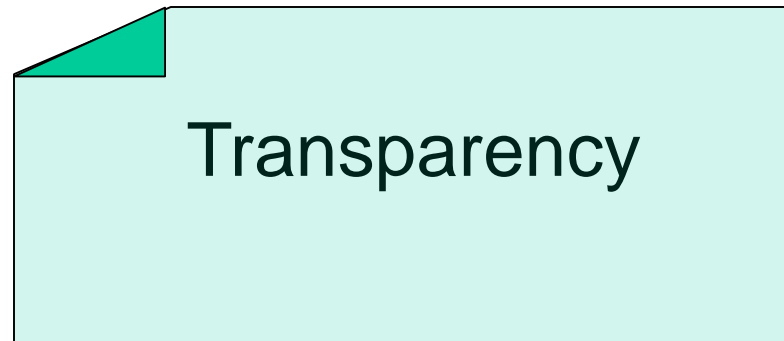


CP Tech Center



National Concrete Pavement
Technology Center

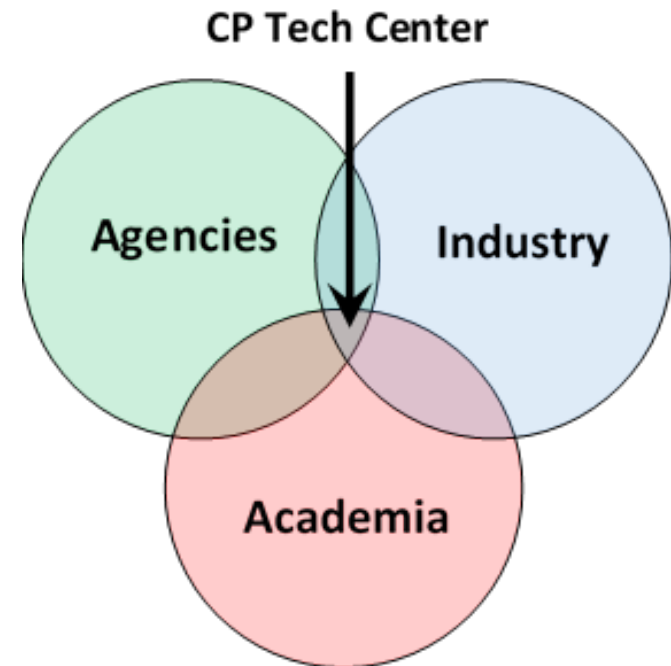


IOWA STATE UNIVERSITY
Institute for Transportation

Making a Difference

Who Are We?

Uniting agencies, industry, and universities to advance concrete pavements through research and technology



Who Is Our Audience?

- **State and local agencies**
 - primarily through the National Concrete Consortium (NC2) & AASHTO
 - Developing relationships with APWA, NACE, MPOs, RPAs
- **Industry**
 - through the ACPA Chapters and trade associations



Staff

- Peter Taylor
- Steve Tritsch
- Bob Steffes
- Xuhao Wang
- Sharon Prochnow
- Denise Wagner
- Jeremy McIntyre



Consultants

- Snyder & Associates - Dale Harrington/Jerod Gross
- Woodland Consulting - Tom Cackler
- Trinity CMS - Gary Fick
- APTech - Kurt Smith
- Snyder Engineering - Dr. Mark Snyder
- Transtec - David Merritt
- Global Pavements - Dr. Mike Ayers
- NCE – Dr. Tom Van Dam
- Diversified Engineering Services - Cecil Jones

Collaboration

- Michigan Tech
- North Dakota State
- Ohio University
- Oklahoma State
- Oregon State
- University of Illinois
- University of Missouri – Kansas City
- University of North Carolina – Charlotte
- University of Pittsburgh



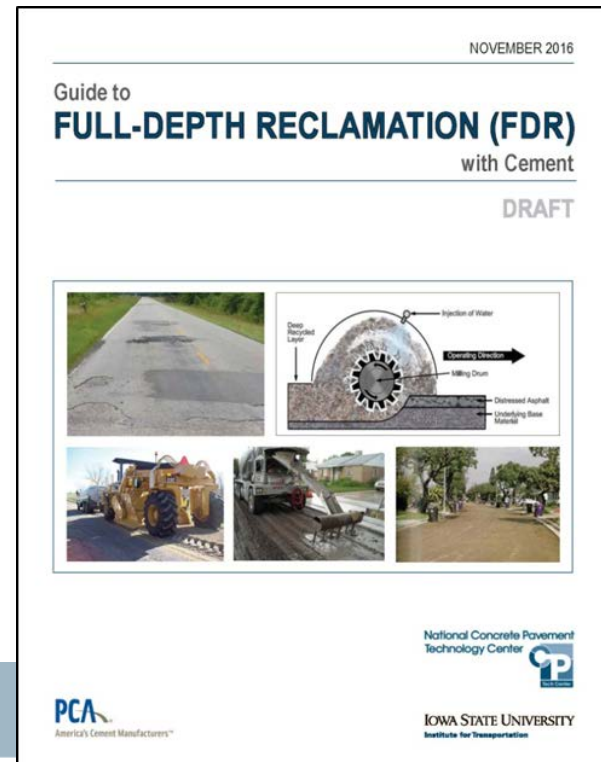
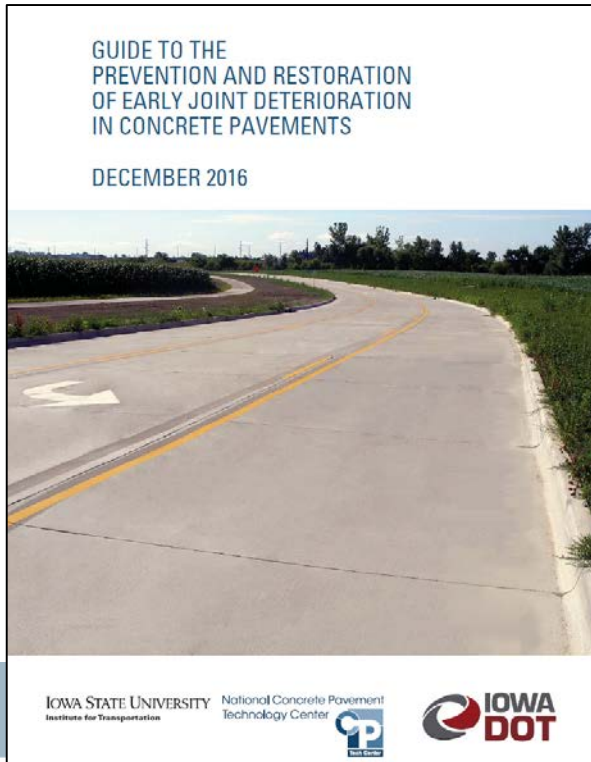
BY OTHERS

GAP

CP TECH CENTER

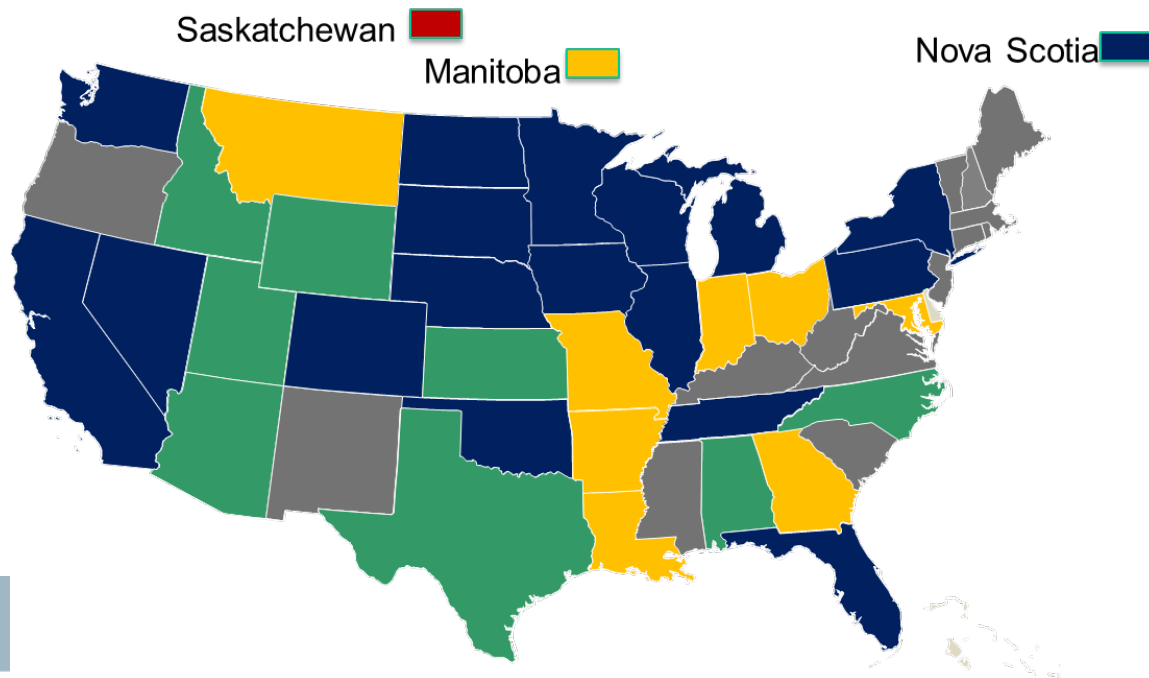
Products

- Publications
 - Manuals
 - Guides
 - Tech briefs



Products

- Tech Transfer
 - Workshops
 - Presentations
 - Webinars



Products

- Standards
 - PEM PP 84
 - Internal Curing

Standard Practice for

**Developing Performance
Engineered Concrete Pavement
Mixtures**

AASHTO Designation: PP 84-17¹

Tech Section: 3c, Hardened Concrete

Release: Group 1 (April 2017)

AASHTO

American Association of State Highway and Transportation Officials
444 North Capitol Street N.W., Suite 249
Washington, D.C. 20001

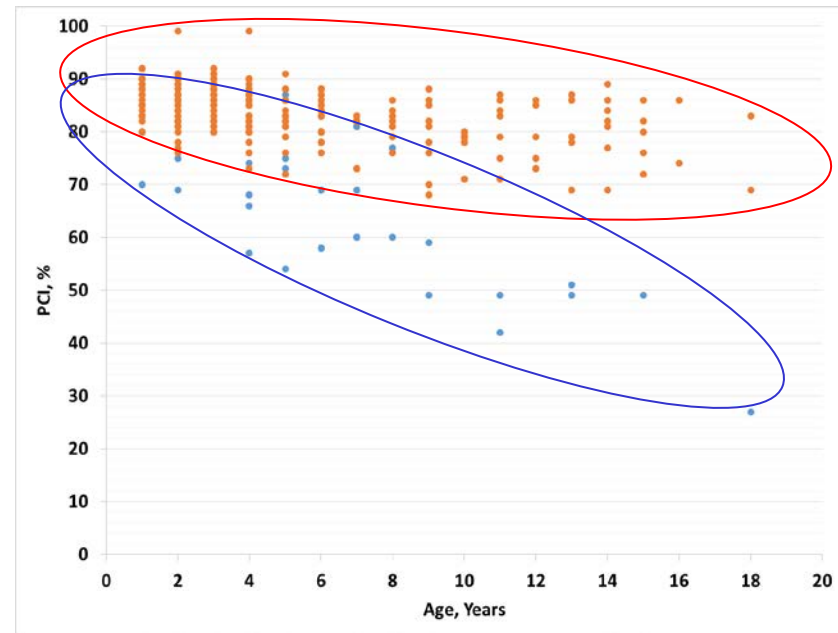
Products

- Engagement
 - NC²
 - CP Road Map
 - Conferences
 - Societies

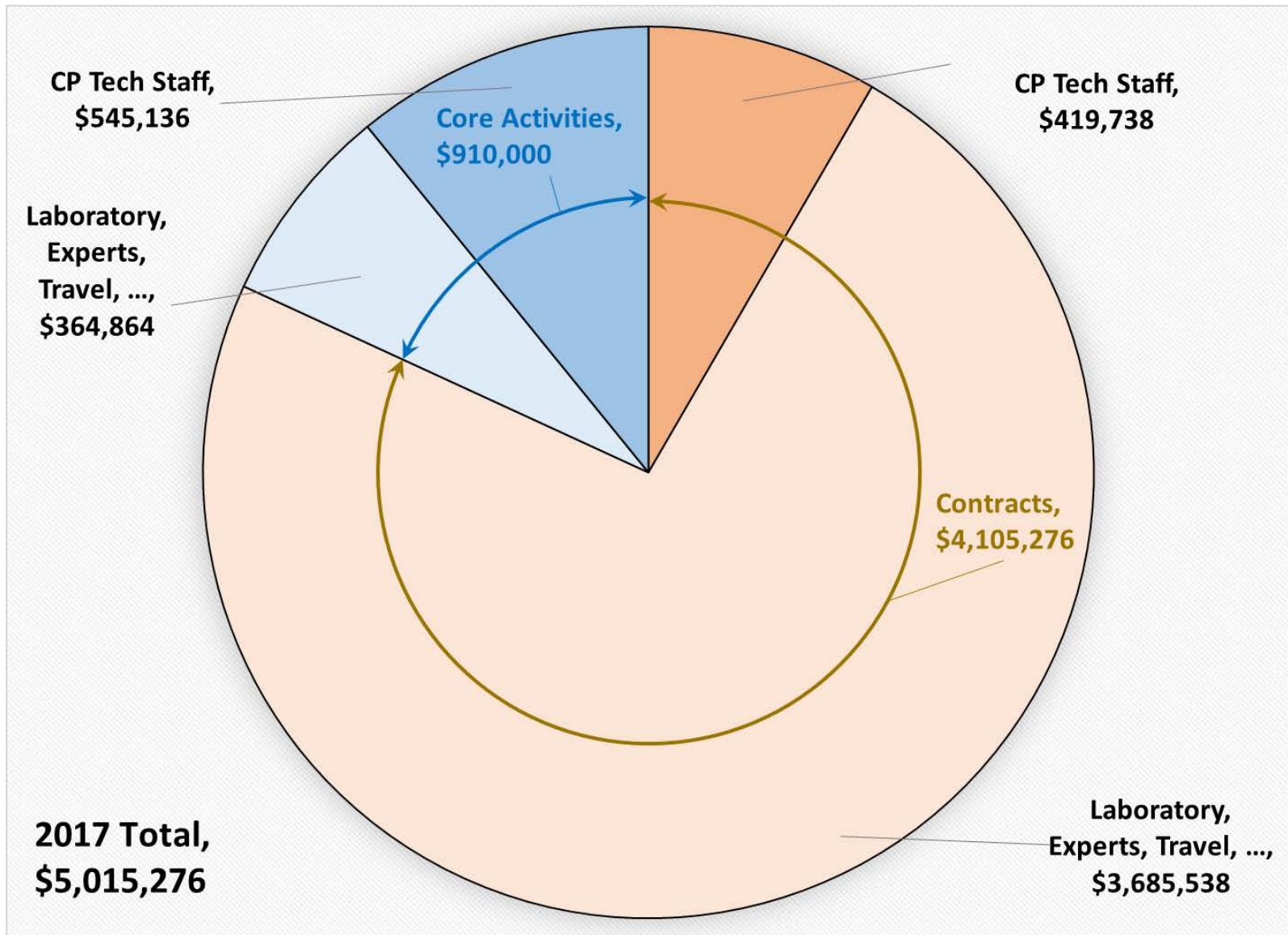


Products

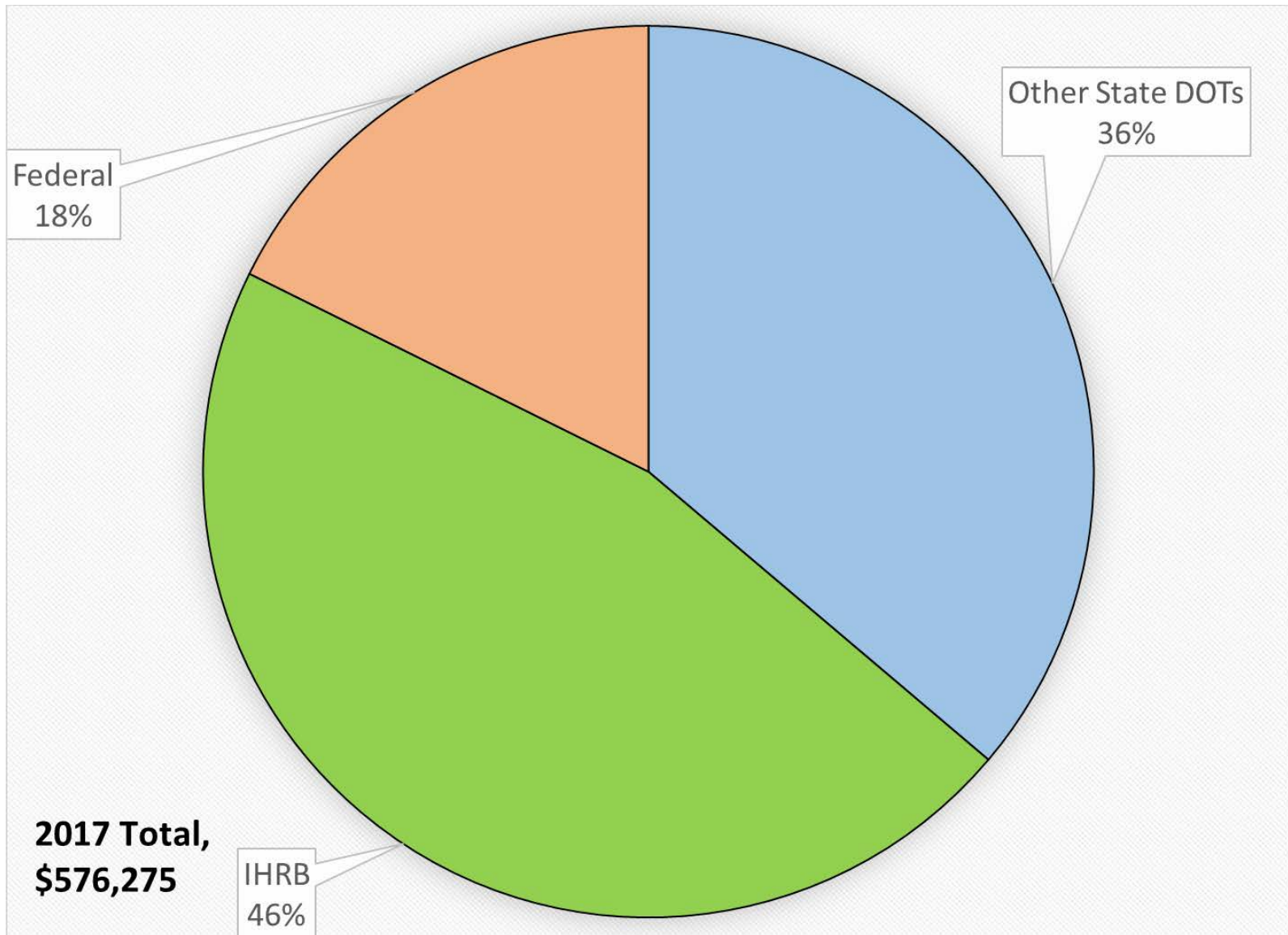
- Research
 - Air void systems
 - Overlay performance
 - Salt scaling
 - Heated pavements
 - Internal curing



2017 Budget



Research Only



NC2 Related Research

- Pooled funds:
 - 5(179) Permeability – Purdue / NRMCA
 - 5(205) MDA – IA State, MTU, OK State
 - 5(224) Joints – IA State, MTU, Purdue
 - 5(297) SAM – OK State

 - PEM – IA State, OR State, OK State
- NCHRP Air void systems

Future Concrete Research Funding?

- NSF
- NCHRP
- FHWA
- Pooled Funds
- State funds (SBR)
- Industry
 - PCA
 - ACPA
 - NRMCA



Who Are We?

Uniting agencies, industry, and universities to advance concrete pavements through research and technology

National Concrete Pavement
Technology Center



IOWA STATE UNIVERSITY
Institute for Transportation

