

National Concrete Consortium

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Welcome back!

- ▶ NCC grew from Midwest Concrete Consortium
- ▶ Continuous growth since 1996:
 - 35 State DOTs
 - FHWA regions and DC office
 - State concrete paving associations
 - Academic and research community



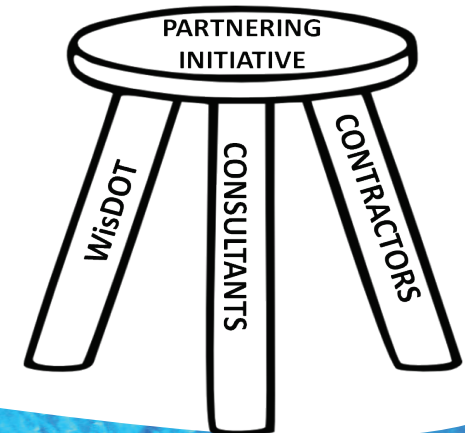
Wisconsin is a good concrete state

- ▶ #3 in concrete pavement output
- ▶ Use life-cycle costing analysis
- ▶ Competitive environment for two paving industries



Collaborative approach

- ▶ Concrete Pavement Technical Committee
 - Industry
 - WisDOT Region and Central office
 - FHWA
- ▶ Address issues as they arise
- ▶ Focus on mutually beneficial solutions
- ▶ Two year project - Revised concrete pavement specs to modern standards





Research benefits

- ▶ Early success = Standardized dowel basket design
- ▶ Roadmap for Concrete Pavement Research
 - 10-year plan – 12 focused research tracks
- ▶ Establishment of National Concrete Pavement Technology Center
- ▶ Pooled fund study
 - De-icing chemicals impact on joint distress
- ▶ Works in progress:
 - Aggregate gradation and concrete mixture optimization
 - Super Air Meter





- ▶ Positions us well for the future
 - ▶ Collaboration
 - ▶ Research
 - ▶ Innovation

