

Technical Transfer Concrete Consortium Pooled Fund Program

Current number TPF-5(159)
Proposed T.B.D. (current Sol. 1363)

TTCC

Goals Include

- Identify research needs
- Develop pooled fund initiatives,
- Provide a forum for technology exchange
- Develop and fund technology transfer materials
- Provide for national communication with stakeholders
- Minor research and synthesis studies

Existing TPF-5(159) _ TTCC

Current Funding

Committed Funds:

\$895,000 State DOTs

\$ 50,000 MI Tech for Workshops/Training

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\$945,000

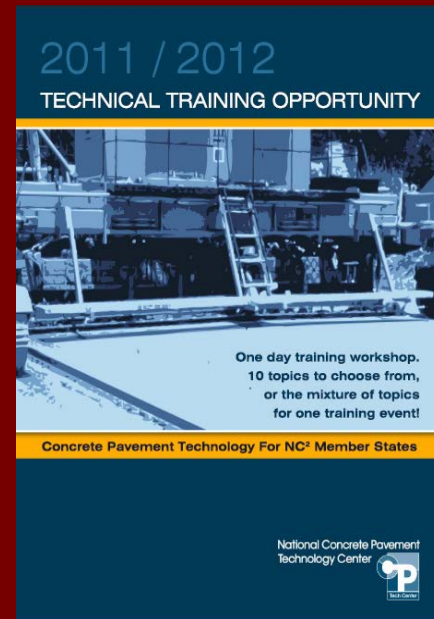
Current program budget:

\$930,000

Funds sent to Iowa DOT to date = \$930,000.

Existing TPF-5(159) _ TTCC Summary of Work Completed

- Began in 2008.
- Partner State technical workshops
- NCC list serve
- NCC meetings and learning sessions



Existing TPF-5(159) _ TTCC Summary of Work Completed

- Long Life Concrete publication (Durability Synthesis)
- Standardized Dowel Load Transfer report



TECH BRIEF September 2011

Recommendations for Standardized Dowel Load Transfer Systems for Jointed Concrete Roadway Pavements

Dowel Load Transfer

- State Research Links →

The screenshot shows the website for the National Concrete Pavement Technology Center (TTCC/NCC) at Iowa State University. The page features a search bar with the text "TTCC/NCC Projects Search" and a search input field. Below the search bar is a list of 12 project tracks, each with a right-pointing arrow. The tracks are:

1. Materials and Mixes for Concrete Pavements »
2. Performance-Based Design Guide for New and Rehabilitated Concrete Pavements »
3. Intelligent Construction Systems and Quality Assurance for Concrete Pavements »
4. Optimized Surface Characteristics for Safe, Quiet, and Smooth Concrete Pavements »
5. Concrete Pavement Equipment Automation and Advancements »
6. Innovative Concrete Pavement Joint Design, Materials, and Construction »
7. Concrete Pavement Maintenance and Preservation »
8. Concrete Pavement Construction, Reconstruction, and Overlays »
9. Evaluation, Monitoring, and Strategies for Long-Life Concrete Pavements »
10. Concrete Pavement Foundations and Drainage »
11. Concrete Pavement Economics and Business Management »
12. Concrete Pavement Sustainability »

At the bottom right of the screenshot, there are logos for the National Concrete Consortium (NCC) and the CP Road Map (Center for Pavement Research and Development) with the tagline "it's your move!".

Proposed TTCC

- Current committed State DOTs

CA, IA, IL, IN, KS, LA,
MI, MO, MT, NC, NE,
OH, OK, PA, RI, SD, TX, WA

- Current committed funds so far:

FY15	FY16	FY17
\$175,000	\$139,000	\$104,000

(anticipate about \$230,000/year in commitments)

Proposed TTCC

- New TTCC will track TTCC listserv posted problems and discussions and categorize them for inclusion in a library on the project website.
- CP Tech Center will propose a 2015 Work Plan and Budget that will be sent for TAC review and comment by mid November 2014.