

Concrete Overlay

Field Application Program–Phase 2

Concrete Overlay Technical Assistance for State and Local Highway Agencies

State DOTs and local agencies are invited to participate in the second phase of the national Concrete Overlay Field Application Program. Each agency will have an opportunity to develop in-house expertise on overlays through its choice of services, all provided through the National Concrete Pavement Technology Center:

- **Site visits and remote meetings.** An expert team will visit potential overlay project sites and
 - Review evaluation data
 - Discuss design and construction elements
 - Discuss traffic control criteria and accelerated construction options
 - Prepare a report for each site and provide ongoing recommendations and guidance
- **A meeting with the highway agency's upper management.** Potential benefits of concrete overlays will be discussed and the agency's questions about issues specific to their state and/or potential overlay project will be answered.
- **Workshop on concrete overlay best practices.** The workshop content and length will be adjusted to fit the agency's specific needs.
- **Presentation at a state or industry seminar.** The content will be based on the new *Guide to Concrete Overlays: Sustainable Solutions for Resurfacing and Rehabilitating Existing Pavements* (2014 edition).

Expert Team

An expert team consisting of representatives from a state DOT, the CP Tech Center, and when possible industry and/or FHWA will be assigned to each participating agency. The number of team members will vary depending on each agency's situation and information needs. The expert team will meet with the assigned agency and share their knowledge about

- Overlay technology
- Project evaluation and selection
- Design details
- Construction traffic control suggestions
- Constructability issues



Background

The need for engineered preservation and rehabilitation strategies for maintaining the nation's pavements has never been greater. Concrete overlays are cost-effective solutions for a wide variety of pavement conditions.

The overall objective of the Concrete Overlay Field Application Program is to increase awareness and knowledge about, and strengthen confidence in, concrete overlay applications among state DOTs, cities, counties, contractors, and engineering consultants by offering project-specific information and advice.

During Phase 1, 24 states directly benefited from this program through one or more services: workshops, site visits to evaluate potential overlay candidates, and consultation on projects regarding design or early construction. Because of the success of Phase 1, the program has been extended, and the FHWA and CP Tech Center are now inviting agencies to take advantage of these unique and services.

This opportunity is provided by the Federal Highway Administration and the National Concrete Pavement Technology Center (CP Tech Center) at Iowa State University.

Contact

If you would like to participate in this program, contact Dale Harrington, 515-290-4014, dharrington@snyder-associates.com, or Melisse Leopold, 515-964-2020, mleopold@snyder-associates.com.

National Concrete Pavement
Technology Center



U.S. Department of Transportation
Federal Highway Administration