



Kay Ivey  
Governor

# ALABAMA DEPARTMENT OF TRANSPORTATION

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John R. Cooper  
Transportation Director

April 20, 2018

## MEMORANDUM 2018-18

**TO: COUNTY ENGINEERS  
ALDOT AREA LOCAL TRANSPORTATION ENGINEERS**

**FROM:**

A handwritten signature in black ink, appearing to read "D. E. Phillips, Jr.", written over a horizontal line.

**D. E. Phillips, Jr., P.E.  
State Local Transportation Engineer**

**RE: Bridge Preservation Training for Local Agencies**

As the State of Alabama's bridge inventory continues to age, and funding continues to become more difficult to obtain, the focus of adequately maintaining the state's structures must shift from bridge replacement to bridge preservation.

Over half of the bridges in the state are owned / maintained by local agencies (Counties and Cities) and are a vital piece to the state's overall transportation network. ALDOT has recognized a need for local agencies to develop their own bridge preservation programs. In order to encourage those programs to progress, ALDOT has agreed to host **Bridge Preservation Training for Local Agencies**.

This will be a one day training class conducted by the National Center for Bridge Preservation (NCBP). It will be held at the ALDOT Central Office in Montgomery on **June 20<sup>th</sup>, 2018**.

Due to limits on the class size and to ensure every agency has an opportunity to attend, each county will be limited to one attendee. This attendee should either be the County Engineer, or an Assistant County Engineer. Please have them call or email James Boyer to register for the class by **May 14, 2018**. Based on the level of participation, additional openings may be available at a later date.

The agenda for the ALDOT class is still being developed by the NCBP instructors, but some of the topics to be discussed include:

#### Bridge Preservation Program Overview

- Importance of developing a strategic bridge preservation program
- How to start a bridge preservation program
- Overall bridge preservation strategies

#### Deck Maintenance / Repair

- Preservation / maintenance activities for aging concrete decks
- Applying the right deck application at the right time
- Relative life cycle cost savings for different deck preservation activities
- Hydro-demolition, what is it and when is it the best option

#### Painting / Spot Painting

- Applying the right paint product at the right time
- Spot painting steel superstructures

In addition to the topics listed above, the NCBP is also planning on arranging industry presentations / demos.

If you have any questions about this class or registration, please feel free to call James Boyer at (334)-242-6619 or email [boyerj@dot.state.al.us](mailto:boyerj@dot.state.al.us)

JFB: jfb  
File

# BRIDGE PRESERVATION TRAINING FOR LOCAL AGENCIES



**MICHIGAN STATE**  
UNIVERSITY



**Ed Welch**

Ed Welch is the former Bridge Maintenance Engineer for New Hampshire DOT. He currently serves as the Bridge Preservation Engineer for the AASHTO TSP-2 Program.



**Pete Weykamp**



Pete Weykamp is the former Bridge Maintenance Engineer for New York State DOT. He currently serves as an Independent Consultant working on several national training initiatives.

## TRAINING TOPICS

Sessions will be tailored to specific audiences. These Sessions will include but will not be limited to:

- Washing and Sealing
- Concrete Repair
- Structural Steel Protection
- Joint Maintenance/Repair
- Asset Management Systems

## ABOUT US

NCPP @ MSU has expanded the training that they are offering to Local Agencies by including Bridge Preservation Training. Understanding the need for training and the development of Municipal Programs specific to the preservation of the Non State Owned Bridges is vital to the overall condition of the country's 608,000 Bridges. It is emphasized in this training that an effective/balanced Bridge Preservation Program includes all aspects of Preservation, including Reactive and Proactive Maintenance.

## WHY CHOOSE US

Between the two instructors, they bring more than seventy years of experience in maintaining and preserving bridges. These gentlemen know and regularly communicate with the national community of Bridge Preservation Practitioners, including: State Bridge Maintenance Engineers, Suppliers, Consultants, Contractors, FHWA Division Engineers, and Academia.



**CALL US TODAY**

(517) 432 - 8220



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ncpp@egr.msu.edu



tsp2bridge.pavementpreservation.org



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