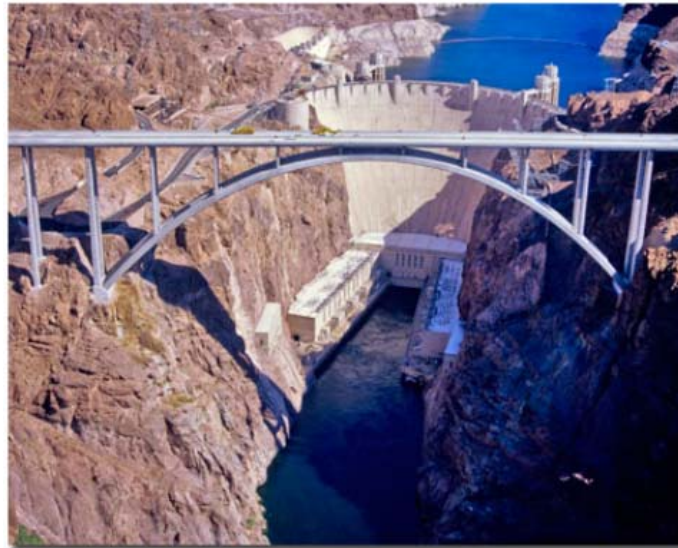


AASHTO SCOM Bridge Technical Working Group (BTWG)

Update to SCOB (T-9) – June 2017

David Miller



BTWG Leadership Team

- J. L. Milton - Chair
Bridge Preservation Specialist
Structure and Bridge Division
Virginia Department of Transportation
- Steven J. Cook, P.E. – Vice Chair for Research,
Workforce Development and Communication
Operations/Maintenance Field Services Engineer
Michigan Department of Transportation

BTWG Leadership Team

- David R. Miller, P.E. – Vice Chair for Asset Management, Performance Measures and Environment

Chief Maintenance Engineer

Louisiana Department of Transportation & Development

- Morgan Kessler – FHWA Liaison
Preservation Research Engineer
FHWA-HQ

2016 SCOM Meeting

- The Bridge Technical Working Group (BTWG) of the AASHTO Subcommittee on Maintenance (SCOM) had very productive break-out sessions during the 2016 SCOM meeting in Clark County, Nevada.
- The meeting included three breakout sessions for the Bridge Technical Working Group, and approximately 43 individuals attended these bridge breakout sessions.



2017 Work Plan

Safety

- Bridge TWG provided a representative on the Fall Protection Resolution Team
 - Work Group was put together in early 2016
 - Survey was sent out to the States in the beginning of April and were due in by the end of April

2017 Work Plan

Safety

- Encourage member agencies to explore the use of connected and automated vehicles for use in smart work zones.



2017 Work Plan

Environmental

- Support the NCHRP 20-07 (Task 399) Project titled “Identifying Bridge Maintenance and Preservation Practices that Minimize Environmental Impact”.
 - This is in progress and scheduled to be complete early 2018

2017 Work Plan

Workforce Development

- Continue supporting the efforts of the SCOM leadership to update the AASHTO Maintenance Manual for Roadways and Bridges (NCHRP Project 20-07/Task 380).
 - Research in progress, expected completion late 2017

2017 Work Plan

Communication

Develop a marketing package to communicate the value of system preservation to elected officials, the general public and state DOT executives. This strategy will include:

- Implement existing research in order to promote the need for additional funding
- Promote safety
- Promote environmentally friendly practices
- Develop a communication plan that promotes the value of bridge preservation

2017 Work Plan

Communication

- Develop a strategy to better communicate bridge condition information by the media (ENR, Roads and Bridges, ARTBA, etc.).

Proposed Research

- Endorse the proposed research titled “Effective Use of Duplex Coating Systems to improve Steel Bridge Structure Durability” that was submitted by the TRB Structures Maintenance Committee (AHD30) and approved by the AASHTO Subcommittee on Bridges and Structures T-9 Technical committee

The Bridge Technical Working Group supports this research and the research received a formal endorsement from SCOM during the voting for the 2016 meeting. This project was not approved by AASHTO SCOR at the March 2017 meeting.

Proposed Research

- Support the synthesis for Defining State DOTs Needs for Unmanned Aerial Systems (UAS) for Bridge Condition Assessment .
 - The goal of this study will be to determine the current state of the practice and to determine the next steps needed for implementation by state DOT's.
 - This is being handled by NCHRP 20-68 as a Domestic Scan



2017 SCOM Meeting

- The 2017 SCOM meeting will be held from July 29-August 3 at the Rhode Island Convention Center

