



**AASHTO: TSP-2**  
Transportation System Preservation  
Technical Services Program  
Update

SCOM, July 18, 2016

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MICHIGAN STATE  
UNIVERSITY



# Partnerships

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## Those involved in the Four Regional Bridge Preservation Partnerships:

- Owners: States, Counties, Cities & Towns
- Manufactures
- Contractors
- Consultants
- Academia
- FHWA

All sharing perspectives and generating **Best Solutions for Bridge Preservation Needs**

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# What's New

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- Virtual Demonstrations Updated
- Bridge Preservation For Local Agencies
- 2016 Partnership Meetings
- Research Needs Status
- Bridge Product and Technology Database
- Social Media



# Virtual Demonstrations

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There was great interest in the Live Demonstrations at the 2014 National Meeting.

To accommodate requests to continue the Demonstration process the Partnerships incorporated Virtual Demos (five minute videos) in their Agendas. 16-18 were shown at each 2015 Regional Meeting.

This continues to be a work in progress with each Partnership incorporating the Virtual Demos in the 2016 Agendas.

*Case studies* in this years Demos has been included.





# Bridge Training Preservation For Local Agencies

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Local Agencies have noted the need for Bridge Preservation Training at varying levels for different audiences.

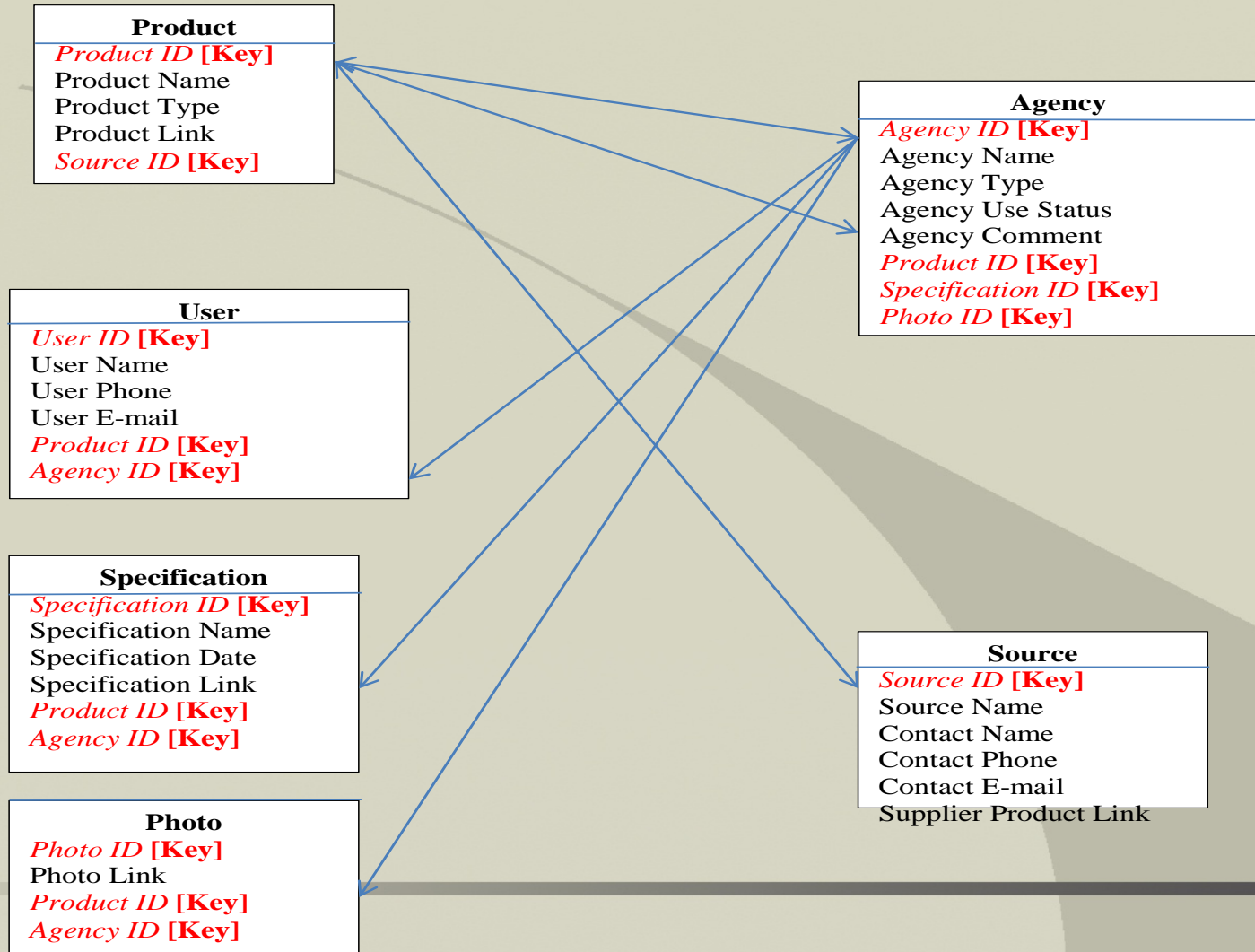
A TSP-2 Working Group is in the process of addressing these needs. The objective is to offer Bridge Preservation Training at a “*Grass Roots Level*” with an “*A La Carte Menu*” of topics to choose from.

We have already met with and discussed needs with the Indiana LTAP.



# Bridge Product and Technology Database

- Proposed by the TSP-2 National Bridge Deck Working Group
- Approved by the TSP-2 Oversight Panel for funding
- Presently in the initial stages of database design
- Six months of **Design** and six months of **Population** is anticipated.
- Working Group is working closely with the **Design**
- All four Partnerships and Industry will be deeply involved in the **Population**





# Sample Reports

Report 1—Specify Product in Current Use→Agencies→Users

Report 2—Specify Agency→Products in Current Use

Report 3—Specify Source→Products in Current Use→Agencies→Users

Report 4—Specify Product Type→Sources

Report 5—Specify Product in Current Use→Agencies→Specifications

Report 6—Specify Product in Current Use→Agencies→Photos





# *Is Social Media the Answer?*

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- How are we going to get *“The Word”* out?
- Our challenge is to make Owners, The Public, Legislators & all the Purse Holders understand *“The value of Preservation”*.
- The Internet, Cell Phones, Facebook, Blogs, LinkedIn, YouTube, Videos & The Website are all Social Media that we should use to promote *“The Value of Preservation”*
- It took us years to grasp the concept and now we have to aggressively promote it for social and fiscal support.
- *We all have to be Champions of Preservation.*



# 2016 & 2017 Partnership Meetings

- SEBPP: San Antonio, TX - March 30-April 1, 2016
- WBPP: Salt lake City, UT - May 17-19, 2016
- NEBPP: Baltimore, MD - September 19-21, 2016
- MWBPP: Milwaukee, WI - October 3-5, 2016
- SEBPP: Charleston, WV - April 10-12, 2017
- WBPP: Denver, CO - May, 2017
- NEBPP: NJ - September, 2017
- MWBPP: October, 2017



# 2018 National Meeting

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- Committees will be formed in the fall of this year.
  - Organizing Committee
  - Technical Committee
  - Demonstration Committee
  - Spouse Committee



# Research Needs Status

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The four TSP-2 Partnerships are working on Research Needs. Each with a different approach, but with a common goal to focus on our greatest Bridge Preservation Research Needs. As these needs are prioritized they will be brought forward at SCOBS and SCOM.

NCPP has the contract to update the Research Roadmap. This will define gaps and areas to focus on. In the future the Research Roadmap will be regularly updated as we are made aware of newly completed research.





# Research Implementation

- We have and are accomplishing a lot of Bridge Preservation Research
- Don't let it sit on the shelf gaining dust.
- When we implement research we generate accountable data that gives us credibility.
- That credibility is our greatest tool for “*Buy In*”
- Which will in turn generate funding. \$\$ 😊 \$\$



Questions?  
Comments?



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# Think Deterioration Modeling

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Years

