

Transportation Library Connectivity & Development  
Pooled Fund Study TPF-5(237)  
TAC webinar – 4/19/12 – Minutes

Technical Advisory Committee:

|   |  |   |
|---|--|---|
| Arizona DOT, Dale Steele                          | Mississippi DOT, Cindy Smith,<br>Tina Leavy          | Oregon DOT, Laura Wilt                                |
| California DOT, Janet Coles,<br>Shubhangi Kelekar | Missouri DOT, A.J. Million                           | Pennsylvania DOT, Bonnie Fields                       |
| Connecticut DOT, Betty Ambler                     | Nevada DOT, Ken Chambers                             | Tennessee DOT, Sandi Hoff                             |
| Idaho DOT, Inez Hopkins                           | New Jersey, Carol Paszamant                          | University of Minnesota CTS,<br>Arlene Mathison       |
| Illinois, Karen Perrin                            | New Mexico DOT, Krystyna<br>Cherry                   | UW-Madison UTC, Steve Wagner                          |
| Iowa DOT, Hank Zaletel                            | New York State DOT, Jane Minotti                     | Washington State DOT, Kathy<br>Szolomayer, Mike Wendt |
| Kansas DOT, Marie Manthe                          | North Carolina DOT, Lamara<br>Williams, Chris Mulder | Wisconsin DOT, John Cherney                           |
| Michigan DOT, Alexandra Briseno                   | Ohio DOT, Zona Kahkonen Keppler                      |   |
| Louisiana DOT/LTRC, Sandy Brady                   |  |   |
| Minnesota DOT, Sheila Hatchell                    |  |   |

*Ex Officio:* Sue Sillick, Montana DOT; Matt Barrett, LACMTA; Carol Paszamant, New Jersey DOT; NTL, Amanda Wilson; Bob Cullen, AASHTO; Jennifer Boteler, FHWA; Lisa Loyoy, TRB; Roberto Sarmiento, Northwestern University Transportation Library; *Emeritus:* Jerry Baldwin  
*HS InFocus:* Maggie Sacco, Kirsten Seeber, Dave Hemingway-Turner  
*Guest:* Lynn Matis, MA DOT

**Agenda:**

**Special Topic - Research focus: Infrastructure Maintenance & Preservation – Lisa Loyoy, TRB**

1. How do we decide when to preserve or maintain a road or a bridge or build something new?
  - When the cost of repair exceeds the cost to replace.
  - Laura - In OR they have spent a lot of time looking into the life cycle of structures, especially related to destruction from salt. They also have seismic upgrades, so they look at if it's cheaper to replace a bridge or do a seismic upgrade.
  - Another issue is it more important to do it in-house or contract it out?
  - A.J. – In MO, they focus on the different methodologies they use to fix things as opposed to just the cost cycle. Finding cheaper ways to fix things.
2. What questions have you been getting on this topic?
  - Karen and A.J. have received questions on what others are doing in their states and if it's in-house or contracted out.
  - Jane – She has gotten questions on different on design-build contracting, alternative bidding, warranties and on public-private partnerships. This is a timely topic and it's hard to keep up with the flow of information.
  - Karen – Receives many requests for training materials. IL DOT doesn't do much of the maintenance/preservation work but they have to supervise the work and provide training on it.
3. Projects are often distributed by regions in a state, rather than based on ROI. Infrastructure should be viewed as an entire network vs. individual projects.

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- A.J. – This depends on the individual states and their processes for choosing projects. In MO this is supposed to be tied to their five year state plan. The real challenge is to highlight the projects that matter the most. One question we need to ask is how much information can we provide that will help the process?
  - MO DOT found that 85% of Missouri residents live within 15 miles of a major highway. They adopted this as their framework for priorities; they focus on the major highways first.
- 4. Dale – Do the rest of the members see innovation readily adopted?
  - Carol – In NJ innovation is not easily adopted and they are entrenched in their current ways.
  - Kathy – In WA it matters on the past performance. Pavement innovations are pretty big and they are adopted more quickly than other things in different areas.
  - Bonnie – PA has an implementation program that is designed to use new innovation. Their materials lab has to test out others' research so they are slower in this area.
- 5. Reference questions – If you receive reference questions, how have you responded?
  - Karen – She has receives questions on training, especially looking for pictures.
  - A.J. – He has received lots of questions on smaller/cheaper issues. He has struggled to answer them in the right way. He can find the information but feels it needs to be presented in a way that they can take in the information.
  - Dale – He can search his available resources and go search the university resources. He has a much wider and deeper pool of sources to search.
  - Janet – She has received a question on ROI for pavement preservation. She started with a lit search and then answered specific questions from the researchers. The process lasted 3-4 months.
- 6. Where to find information
  - Colleagues at other DOTs – The engineers tend to go here first.
  - RIP to locate other organization/people doing similar work.
  - Staff who maintain fleet equipment.
  - Federal Government information (See presentation)
    - Federal Laws – Thomas – <http://thomas.loc.gov>
    - Federal Regulations and Codes – Government Federal Digital System <http://www.gpo.gov/fdsys/>
    - USA.gov - <http://www.usa.gov/>
  - Statistical information
    - CIA World Fact Book <https://www.cia.gov/library/publications/the-world-factbook/index.html>
    - Statistical Abstracts of the US - <http://www.census.gov/>
    - Bureau of Transportation Statistics - <http://www.bts.gov/>
    - Highway Statistics- FHWA - <http://www.fhwa.dot.gov/policy/ohpi/hss/index.htm>
  - Standards
  - Pavement Preservation Centers
  - Bridge Preservation
    - Federal Highways- <http://www.fhwa.dot.gov/bridge/preservation/guide/index.cfm>
    - FHWA bridge preservation toolbox - <http://www.fhwa.dot.gov/bridge/preservation/>
  - Research
    - Turner Fairbank Highway Research Center - <http://www.tfsrc.gov/>
    - National Transportation Library - <http://ntl.bts.gov>
    - Transportation Research Board - <http://trb.org>

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- Research in Progress Database - <http://rip.trb.org>
- TRID - <http://trid.trb.org>
- Searching TRID - TRT Terms to use:
  - [Preservation \(Fccs\)](#) - (Not historic preservation)
  - [Preventive maintenance \(Fmmp\)](#)
  - [Reconstruction \(Fmbn\)](#) - (Not accident reconstruction)
  - [Rehabilitation \(Maintenance\) \(Fmbk\)](#)
- Google search of state DOTs and other restriction searches available with Google.
- Hank – Folks in IA tend to go to the LTAP center first and if they don't have the answers, go to Hank for a lit search.

**Pooled fund business meeting**

**SLA, Annual Meeting – Maggie, Kirsten**

1. SLA
  - Early bird registration ends May 11 (\$529). Advance registration runs from May 12 – June 29 (\$699).
  - We have a block of 30 rooms at the Essex Inn.
  - Contact Kirsten when you have your travel approval.
2. Annual meeting – Sept 19-20<sup>th</sup>
  - The meeting will probably be a day and a half: full day on the 19<sup>th</sup> and half day on 20<sup>th</sup>.
  - We are working on accommodations.
  - We will have a tour of the Gateway Guide, the traffic center for St. Louis.
  - Maggie will ask for agenda topic ideas shortly.
  - MTKN may want to add on their meeting, so please keep Maggie informed of any updates on this.
  - Lamara – In order to attend, she needs to present at the meeting. She will contact Maggie about presenting about their peer exchange and their cataloging project.

**ASCE Library Two-month Trial – Maggie**

1. We have been working for months to set up the trial. The ASCE system set up an account for all of the trial participants and then automatically sent out the order confirmation email, which caused confusion. Maggie has asked them to communicate with her only in the future, so she can then communicate with all of the participants to avoid further confusion.
  - The trial is supposed to cover one location, one building at each library. To cover multiple locations requires different, and more expensive, access. Please confirm with your IT folks the range of IP addresses for your physical location and send to Maggie.
  - The two month trial begins 24-48 hours from when the confirmation emails, but Maggie has not received a specific date yet. Maggie will send an announcement email with the start/end date and the specifics of what parts of their system we have access to during the trial.
  - Demonstration of the database – Friday afternoon, April 27<sup>th</sup>

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**National Library Week - Maggie, All**

1. Please send Maggie information about what you did, including a description, photos or any other resources.
2. There is a page on the Library Connectivity web site that will highlight all of the NLW activities. The activities described there can be used by other libraries for next year's NLW or other outreach activities.

**New Acquisitions Awareness Tool – list prototype**

1. This project is to create a list of new acquisitions of the member libraries. The team is still working on this and will have an update in the next couple of months.

Next meeting: July 26, 2012 from 12:30pm – 1:30pm CST

- The NTKN meeting is scheduled for July 19<sup>th</sup>, the original date for the quarterly meeting. Please check your calendars and let Maggie know if the new date of July 26<sup>th</sup> for the quarterly **doesn't** work for you.