

Roundtable Recap & Peer Exchange Focus Areas

SEBPP 2016 Meeting

Challenges

- Ensuring high quality inspection/inventory data
- Quantifying benefits of preservation
- Knowledge gaps
- Making the case for Preservation

Research Ideas

- Quantifying the benefits of maintenance activities...such as sweeping and washing
- Escalation curve for structures with increased deicing agents.
- Evaluating durability of various deck joint types in various environment
- Investigate the use of UAV (drones) in inspection/evaluation of bridges and other structures
- Investigate the feasibility of using UHPC for deck overlay
- Collect and disseminate data on what is working (practices, products, strategies)

Collaboration & Information/knowledge Sharing

- Share manuals, policies, and practices between states
 - Take what works in Texas and share the knowledge with others
- Get contractors involved in discussions on what is working/not working
- Bring more local agencies to partnership meetings
- Standardize Regional policies, standards, and sharing of information

Strategies/guidance

- Planned maintenance schedules / guidelines that are effective
- Identify needs early and fix them before they get bad
- Encourage cyclic routine maintenance
- Making the case for additional funding

Contracts Methods and Means

- Develop Quality Assurance guidance.....Certification/qualification of inspectors, contractor personnel, manufacturer's representatives on-site
- Develop Performance based specifications & Look in to warranty that ties supplier and contractor

Products acceptance and innovation

- Follow up on experimental structures and see what works.
- Product acceptance....Project acceptance nationwide instead of statewide
- Explore and promote options for new innovative technologies and methodologies

Training & Other Ideas

- **Training**.....Develop and provide training to Inspectors, and contract personnel on installation of Joints
- **Bridge Preservation Product Database**.....link a decision matrix to the database to allow search-ability by issue, extent of damage, environment, etc