

Bridge Working Group

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2019 Work Plan Accomplishments

Safety

- Continued to work through the Bridge TWG representative on the Fall Protection Resolution
- This effort has reached a dead end and are looking for a new path forward
- Promoted safety and reliability of bridge preservation practices, and support other TWGs CAV initiatives

2019 Work Plan Accomplishments

Asset Management

- Supported member agencies in the implementation of the FHWA Rules for bridge and pavement condition and for asset management systems
- Participated in the TSP2 National Bridge Management System working group

2019 Work Plan Accomplishments

Environmental

- **Promote sustainability while performing bridge maintenance and preservation activities**

2019 Work Plan Accomplishments

Workforce Development

- Promoted Bridge Maintenance participation and training for local agencies (National Working Group)
- Supported the AASHTO TC3 program
- Provided leadership to the TSP.2 regional bridge preservation partnerships
- Supported FHWA Bridge Preservation Expert Task Group efforts

2019 Work Plan Accomplishments

Communication

- Promoted communications concerning bridge maintenance and preservation with local agencies
- Participated in the national working group for Social Media
- Developed a strategy to better communicate bridge condition information to the media (ENR, Roads and Bridges, ARTBA, etc.)

2019 Work Plan Accomplishments

Research

Supporting the AASHTO publishing of completed research projects:

- **Small Movement Expansion Joints - NCHRP Project 12-100**
- **Marking Bridges in Emergency Situations NCHRP Project 14-29**

2019 Work Plan Accomplishments

Research

- Proposed “Establishing a Procurement Guide for NDT Evaluation and Structure Health Monitoring based on Best Practices and Vendor Qualifications” – Not Selected for funding
- Proposed “Protecting bridge approaches during flooding events” – Not selected for funding

2020 Work Plan

Safety

- **Promote safety and reliability of bridge preservation practices, and support other TWGs CAV initiatives**

2020 Work Plan

Asset Management

- Support member agencies in the implementation of the FHWA Rules for bridge and pavement condition and for asset management systems
- Participate in the TSP2 National Bridge Management System working group

2020 Work Plan

Environmental

- **Promote sustainability while performing bridge maintenance and preservation activities**

2020 Work Plan

Workforce Development

- **Promote Bridge Maintenance participation and training for local agencies**
- **Support the AASHTO TC3 program**
- **Provide leadership to the TSP.2 regional bridge preservation partnerships**
- **Support FHWA Bridge Preservation Expert Task Group efforts**

2020 Work Plan

Communication

- **Promote communications concerning bridge maintenance and preservation with local agencies**
- **Develop a strategy to better communicate bridge condition information to the media (ENR, Roads and Bridges, ARTBA, etc.)**

2020 Work Plan

Research

Support the completed AASHTO research publications projects:

- **Small Movement Expansion Joints NCHRP Project 12-100 (close to being published)**
- **Marking Bridges in Emergency Situations NCHRP Project 14-29 (needs more work in the next year or so)**

2020 Work Plan

Proposed Research - Resubmittals

- **Establishing a Guideline for the Procurement of Nondestructive Testing and Evaluation for the concrete components of highway bridges based on Best Practices and Vendor Qualification for State and Local Transportation Agencies (originally submitted 2018)**
- **Protecting Bridge Approaches During Flooding Events (originally submitted 2017)**

2020 Work Plan

Proposed Research - Endorsement

- **Evaluating and implementing unmanned aerial systems (UAS) into bridge management methods through element-level data collection – This research project will be submitted by COBS**