



FHWA Research Update

**2015 AASHTO Subcommittee on Maintenance
Bridge Technical Working Group**

July 22, 2015

Current Bridge-Related Projects

- **“Effective Use of Geospatial Tools in Highway Construction”**—Will focus on UAS specifically in context of highway construction and maintenance. Begins in August 2015.
- **“Integrating 3D Digital Models into Asset Management”**—Investigates use of CIM models to produce maintenance and asset management information for highway infrastructure. Project underway, will be complete in 2016.

Current Bridge-Related Projects

- **“Cost/Benefit of Tracking Assets Within a Transportation Asset Management Plan”**--
Cost/benefit impact on system performance of the amount/type of assets tracked in an agency’s TAMP. Investigate the resource impact of not being tracked within an asset management plan has on assets, and the subsequent impact on system performance.

Current Bridge-Related Projects

- National Historic Covered Bridge R&D Program. Emphasis is on historic preservation but applicable to newer structures, especially timber. Focus of the RD&T has been on:
 - • Repair, strengthening, and treatment methods
 - • Historic documentation
 - • Educational videos and manuals
 - • Workshops and seminars
- available online at www.woodcenter.org website housed at Iowa State University cosponsored by the Forest Service, the National Park Service and the Federal Highway Administration.

Thank You!

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