Timber Bridges – Update 2018

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• National Historic Covered Bridge Preservation
• Timber Bridges
NHCBP Program Research, Education & Technology Transfer

• Started under TEA21 and continued under SAFETEA-LU
• Funds available from 2000 until 2012
• Status
  – Most studies are complete
  – Few ongoing
• www.woodcenter.org
• http://www.loc.gov/pictures/collection/hh
Completed Publications

• A large number of publications available

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• http://www.loc.gov/pictures/collection/ hh
New Publication

• Guidelines to Restoring Structural Integrity of Covered Bridge Members

• Designed for decision makers with responsibility for repairing and maintaining existing covered bridges.
• Presents the steps necessary to identify effective rehabilitation techniques for restoring the structural integrity of covered bridge members.
Ongoing

- Covered Bridge Rating Through Load Testing
- Improved Analytical Techniques for Historic Covered Bridges
- Standards for Treatment of Historic Covered Bridges
Timber Bridges

- Field Performance of Timber Bridges: A National Study
  - Phase 1 - complete
  - Phase 2 - ongoing
    - Visual assessment
    - Nondestructive evaluation
    - Focus on overall condition of primary structural systems
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