



## Timber Bridges – Update 2018



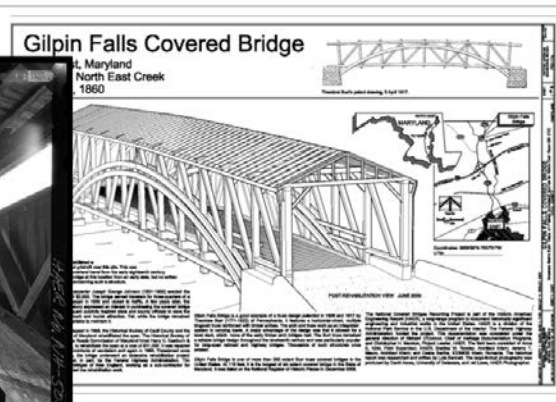
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- National Historic Covered Bridge Preservation
- Timber Bridges





# NHCBP Program Research, Education & Technology Transfer

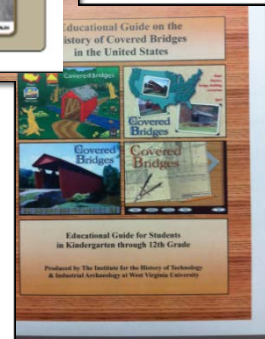
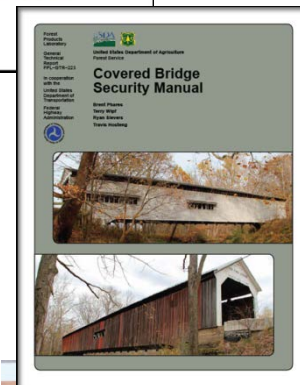
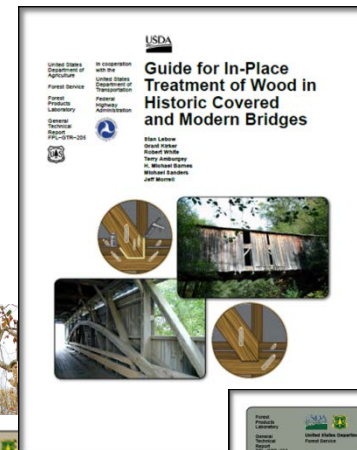
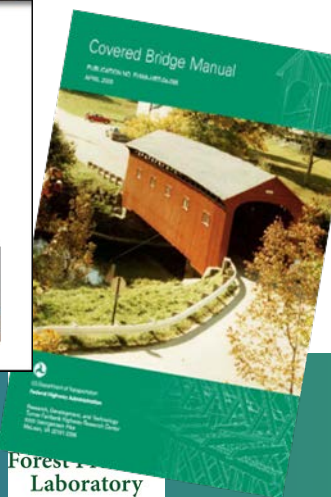
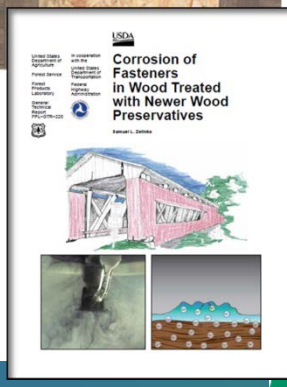
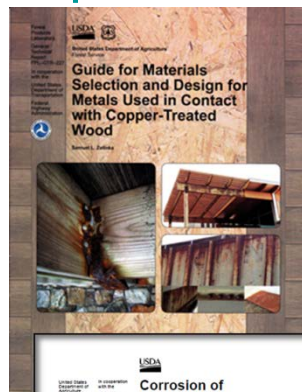
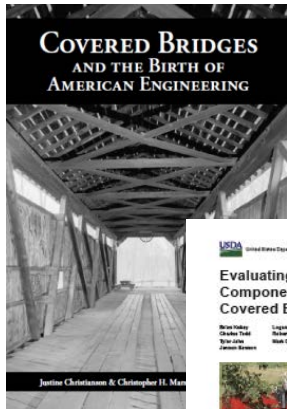
- Started under TEA21 and continued under SAFETEA-LU
- Funds available from 2000 until 2012
- Status
  - Most studies are complete
  - Few ongoing
- [www.woodcenter.org](http://www.woodcenter.org)
- <http://www.loc.gov/pictures/collection/hh>





## Completed Publications

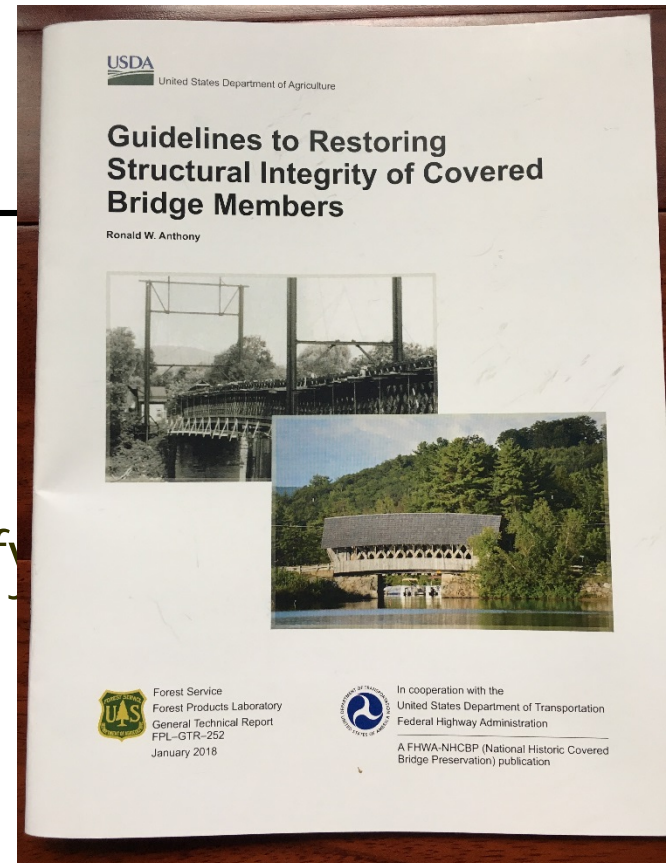
- A large number of publications available
- [www.woodcenter.org](http://www.woodcenter.org)
- <http://www.loc.gov/pictures/collection/hh>





## New Publication

- Guidelines to Restoring Structural Integrity of Covered Bridge Members
  - Ronald W. Anthony, 2018.
  - Gen. Tech. Rep. FPL-GTR-252.
- 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







## Contacts

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