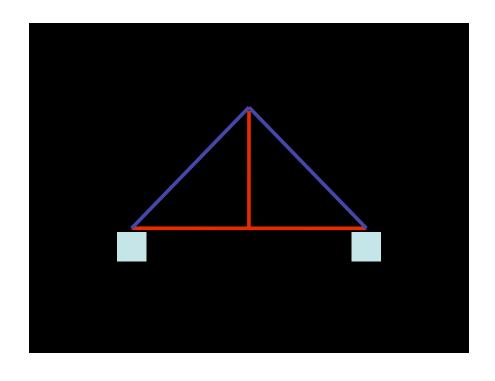
Covered Wooden Bridges

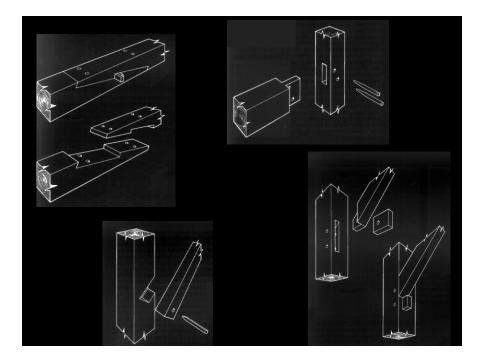
History of the wooden truss
Burr -> Town -> Long -> Howe
Evolution towards constructibility
Restoration and rehabilitation



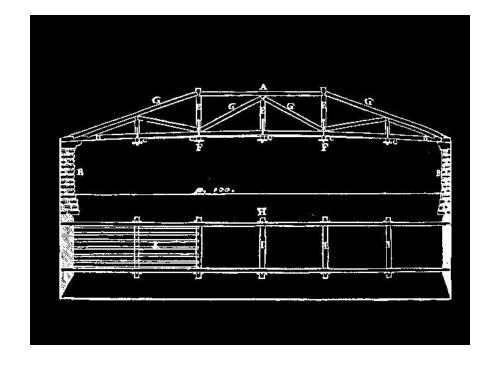




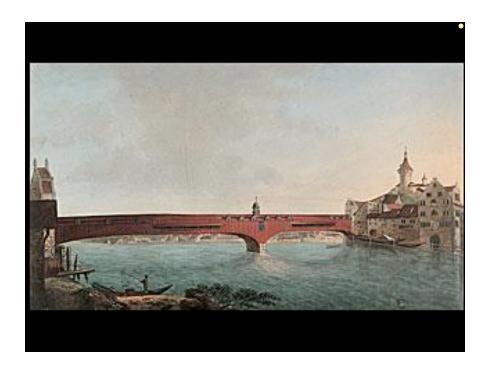




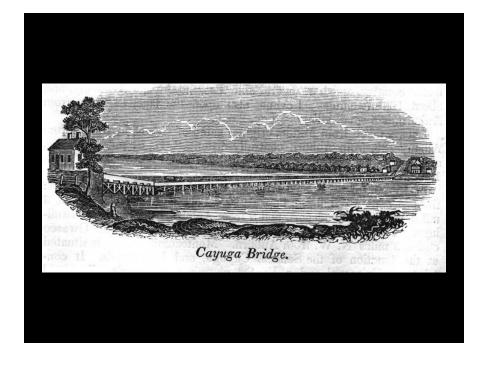
European Truss Bridges (1570 - 1756)

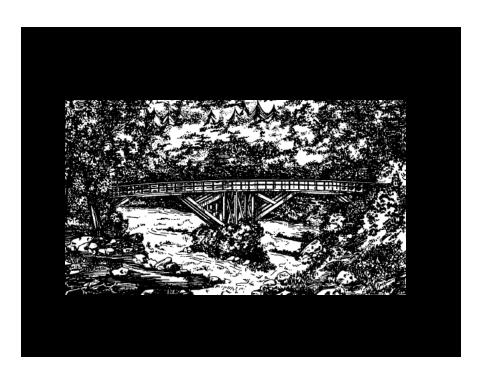


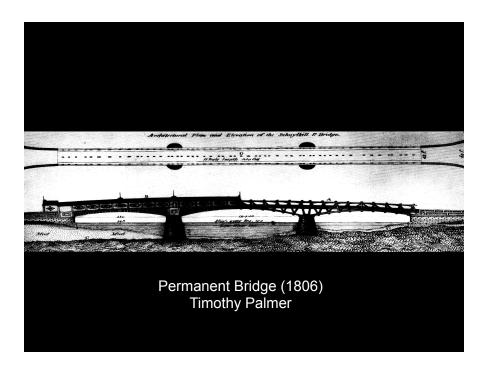


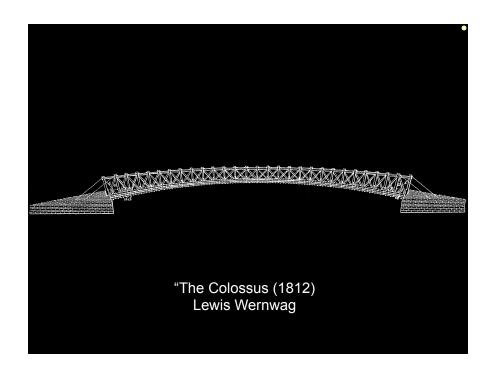


Early American Bridges

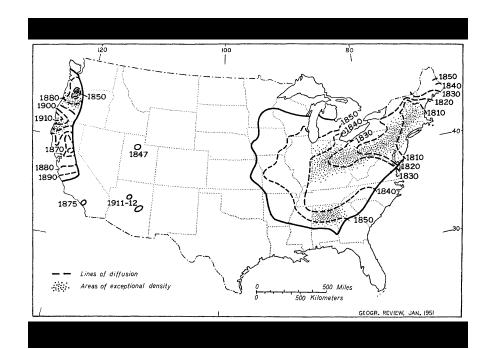




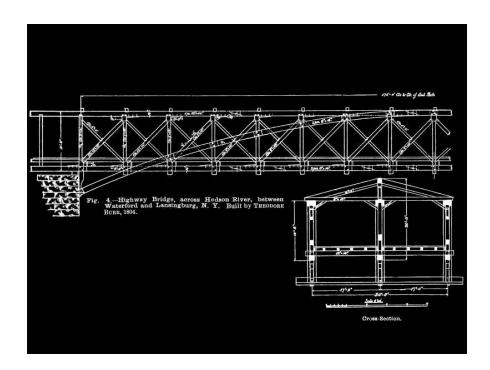


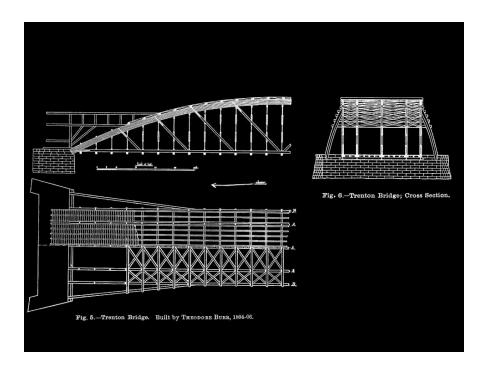


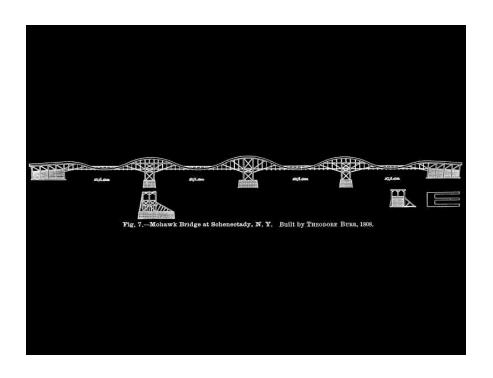


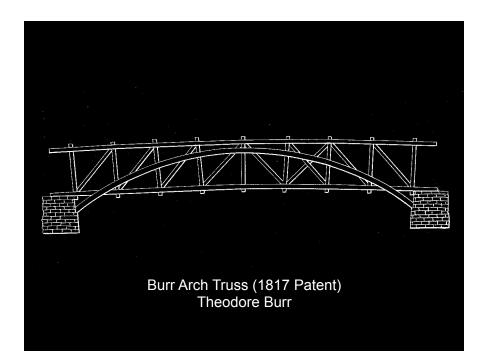


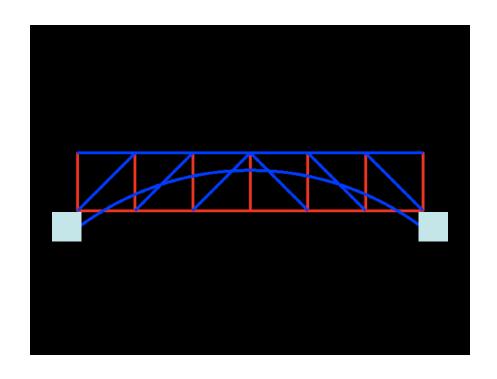
Theodore Burr and the Burr Arch-Truss

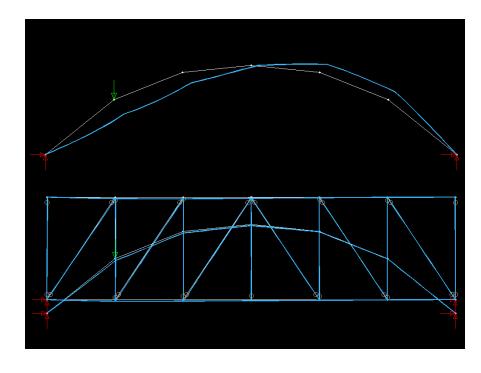


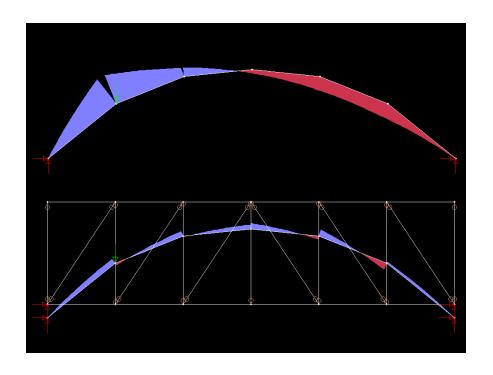






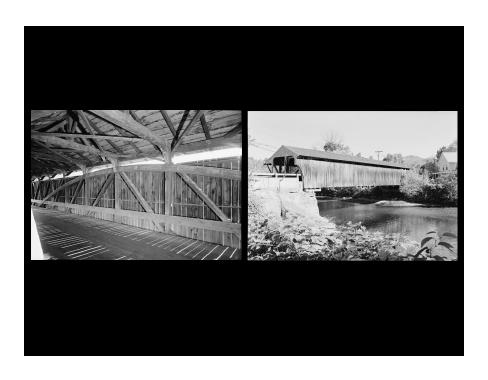


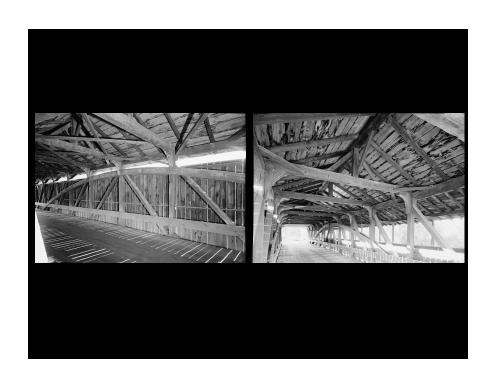














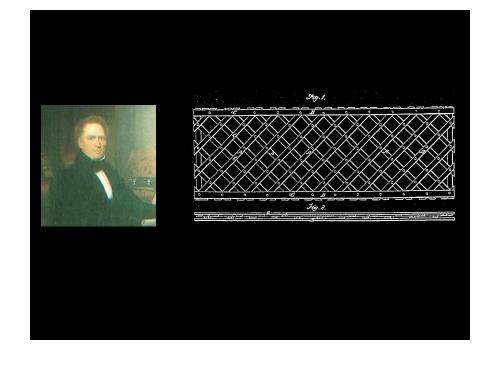


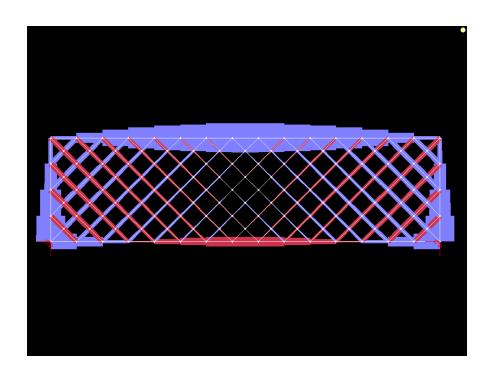






Ithiel Town and Town Lattice Truss









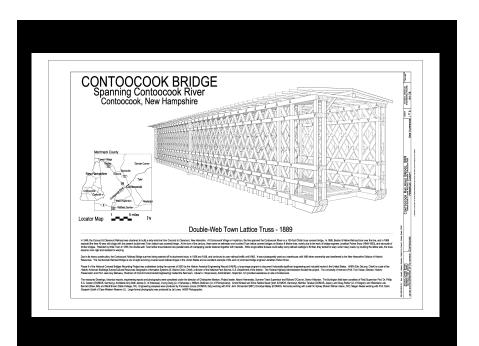


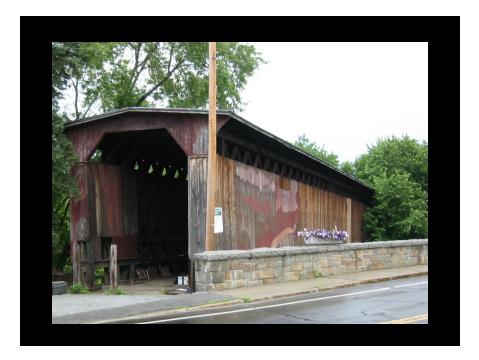






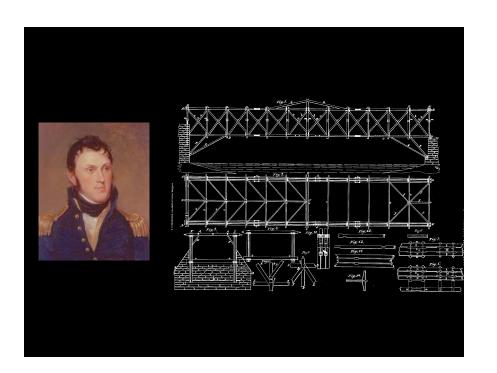


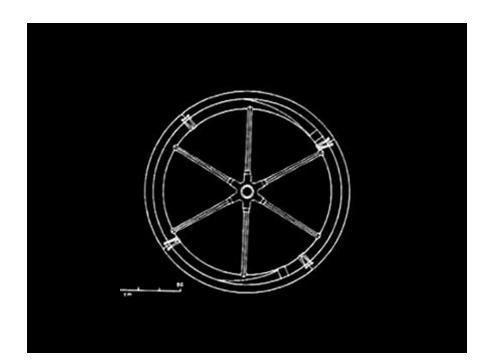


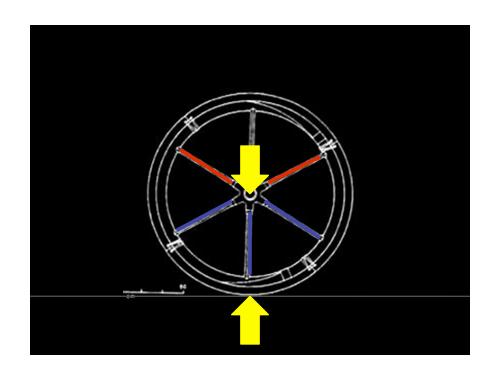


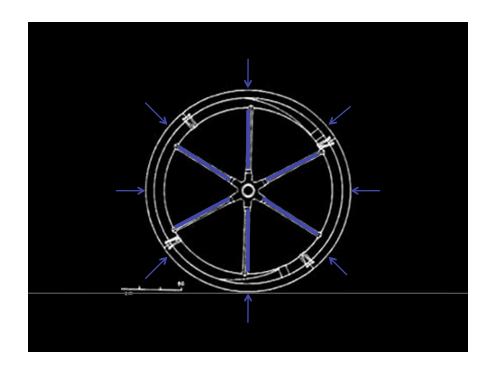
Stephen H. Long and the Long Truss

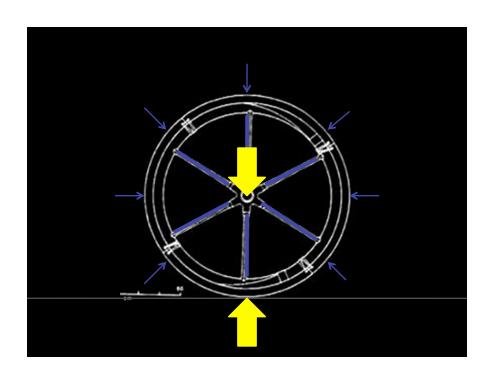


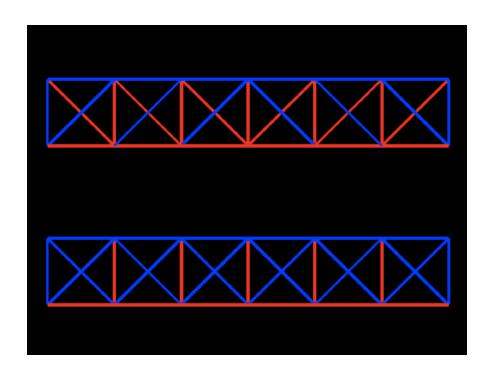


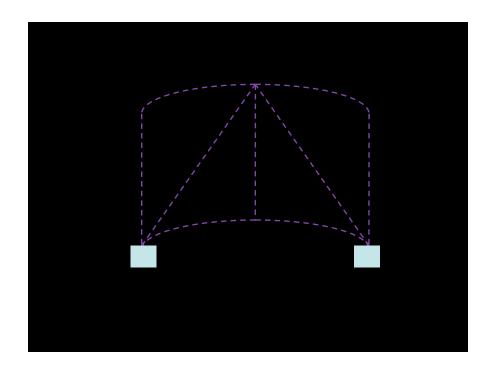


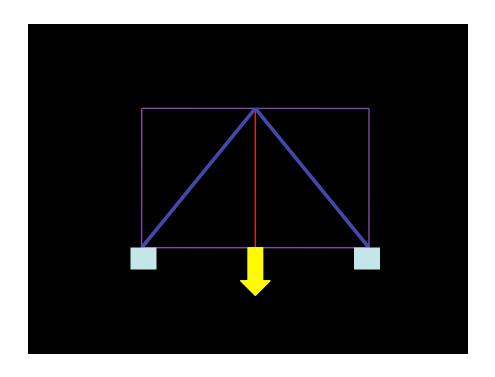


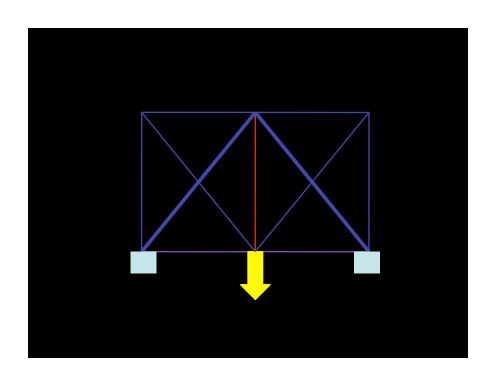


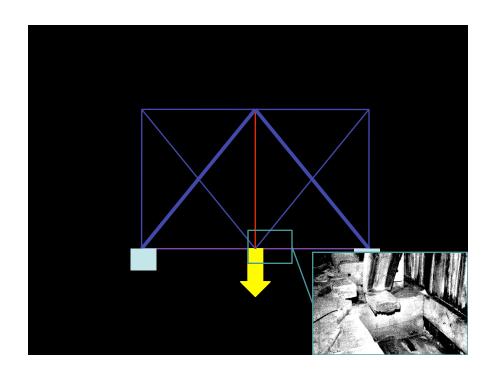


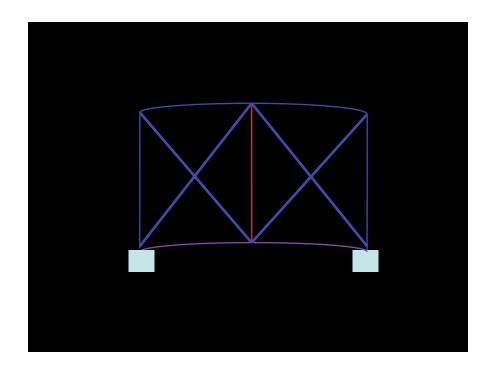


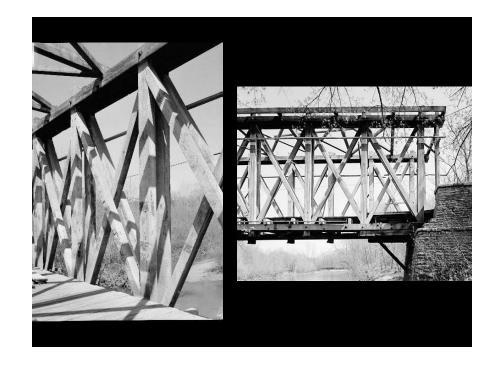


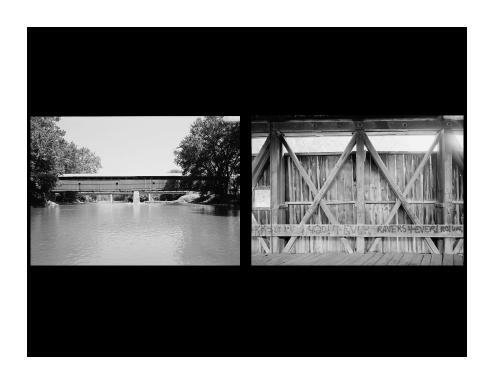














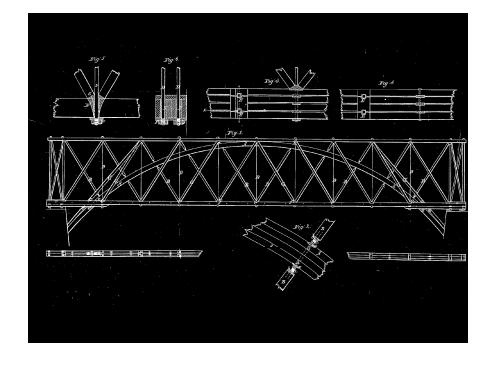


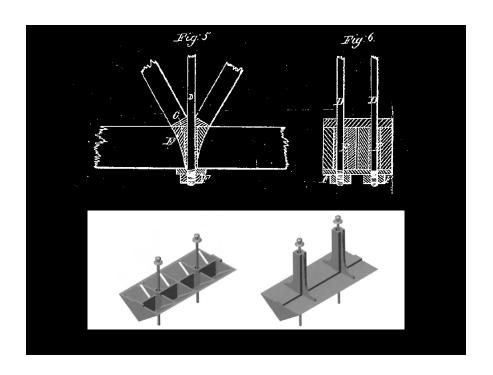


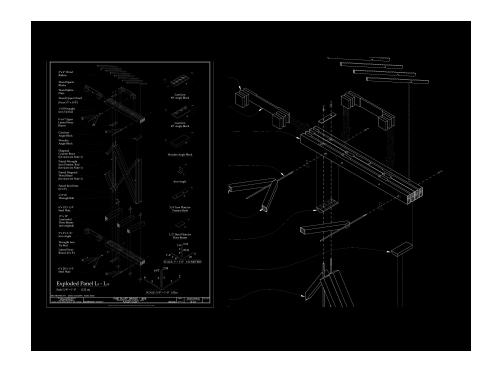


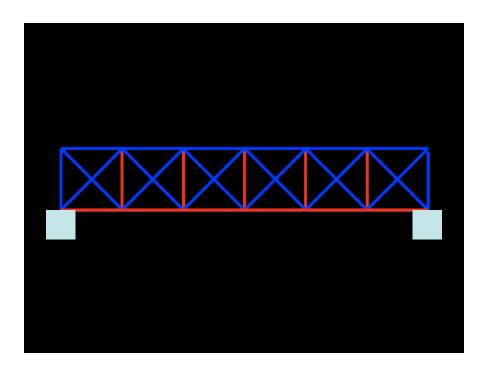


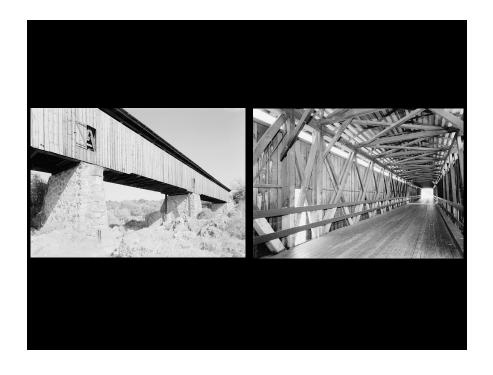
William Howe and the Howe Truss















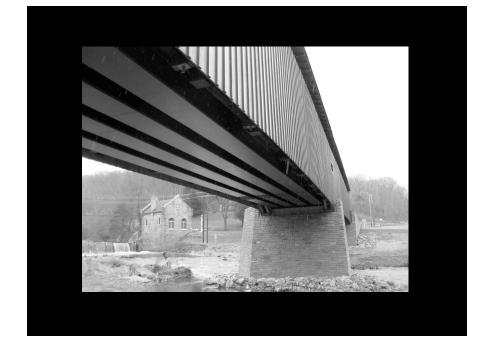






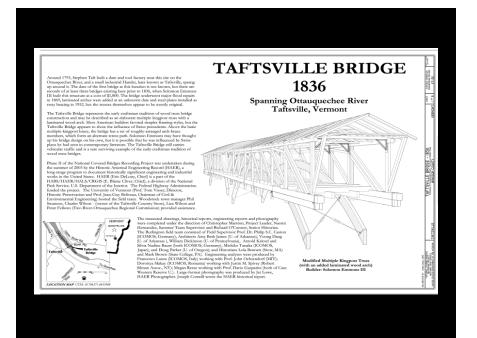
Future of Covered Wooden Bridges



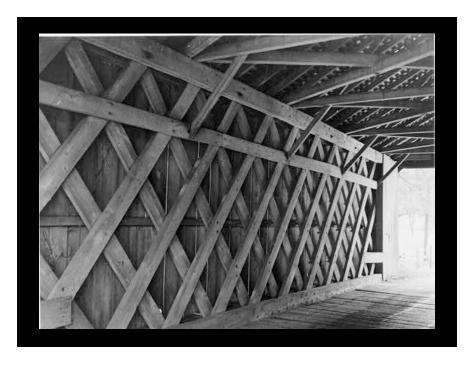








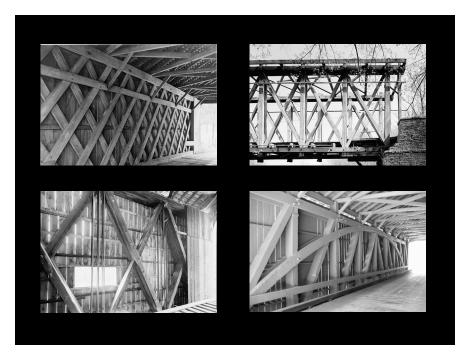












Oakland Bay Bridge

- -Read the article
- -Identify issues of permanence, safety, economy, elegance, social, constructibility, efficiency regarding the bridge
- -Sketch the form and consider how traffic loads move through the bridge

Oakland Bay Bridge

- -Read the article
- -Identify issues of permanence, safety, economy, elegance, social, constructibility, efficiency regarding the bridge
- -Sketch the form and consider how traffic loads move through the bridge
- -In groups of three, discuss issues of efficiency, economy and elegance
- -Report to the class

Tappan Zee Bridge

- -Read the article
- -Identify issues of permanence, safety, economy, elegance, social, constructibility, efficiency regarding the bridge
- -Sketch the form and consider how traffic loads move through the bridge
- -In groups of three, discuss issues of efficiency, economy and elegance
- -Report to the class