

EVENT

Significant Events from 1600 to 1960: Technology and Bridge Engineering

- First U.S. timber "bridge" (multiple-span dock at Jamestown)
- Timber-crib bridge, Charles River, Massachusetts
- Pennypack Creek Bridge (oldest extant stone arch in U.S.)
- Sewall's York River Bridge (early long-span timber bridge)
- Choate Bridge (second oldest stone arch in U.S.)
- Burr arch-truss patented
- Town truss patented
- Long truss patented
- Howe truss patented
- First long timber railroad trestle, Philadelphia & Reading RR
- Whipple bowstring arch-truss patented
- Pratt truss patented
- Telegraph perfected
- Warren truss patented
- Whipple's *Work on Bridge Building* recommends trusses
- Bollman truss patented
- First transcontinental railroad
- Kentucky River Bridge by Charles Shaler Smith (first high-level cantilever truss bridge)
- Transition from wrought iron to steel in truss bridges
- Brooklyn Bridge (wire suspension)
- American Bridge Company formed (merger of 28 other firms)
- ASCE specifications for steel bridges issued
- Wichert patents (continuous metal trusses)
- Seller patents (timber-concrete composite bridges)
- Pennsylvania turnpike opened (first high speed, limited access highway in U.S.)

