

L M Humph

Trestle & pile bridges

This is one of the earliest forms of bridges known
 Cut in trestles of considerable magnitude were erected by Mr Smith
 on the B & O in 1853 Two of these viaducts cross the Cheat
 River on a grade of 2% & one of them on a curve of 800 ft radius
 The trestle is both high composed of posts in two sections 7" & 6 1/2"
 dia These viaducts are 500' long built in sections of 125'
 They have been in use 35 years and are still doing good
 service

About 1864 C Shuler Smith introduced wrought iron trestles, using
 shrouded rods for the posts (See Lyman Viaduct)

Wooden Viaducts Postage & Mountain Scales

Gen Hermann Humph May 1862 built with common soldiers in
 nine ^{working} days during which time the greater part of the material was cut
 & hauled a viaduct over Potomac Creek via 400 ft long by
 80 feet high or more similar posts from the forest all
 carried singly ten to twenty along track path lines in both directions
 & stood against several severe frosts & storms without injury
 It contained more than 2000000 lb of lumber