

Vernal Aqueduct at Jack's Narrows

Present Length
323 1/2"

- Length of Aqueduct between face of abutments ~ 312 ft.
 Length of trunk ~ " ~ " ~ " ~ 328"
 Thickness of abutments and piers on top ~ 8"
 Length of abutments and piers on top ~ 40"
 Thickness of abutments & piers at bottom ~ 14"
 Length of abutments & piers at bottom ~ 45 1/2"
 Radius of wings ~ " ~ " ~ " ~ 30"
 Thickness of wings at abutments top ~ 6 1/2"
 " " at abutments at bottom ~ 12"
 " " " at extreme ends on top ~ 3"
 " " " " at bottom ~ 5 1/2"
 Buttresses at ends of wings at top ~ 12"
 " " " height ~ 16"
 " " " length ~ " ~ 6"
 River below bottom of Canal ~ " ~ 20 3/4"
 Averaged depth of water at piers ~ " ~ 2 3/4"
 Rise of arches below bottom of Canal ~ 4 3/4"
 Span of arches ~ " ~ " ~ 72"
 Versine of outer ribs to roof plate ~ 18 3/4"
 " " inner ribs to " ~ " ~ 10 3/4"
 Width of wood work between cords ~ 32"
 Width of foot path ~ " ~ 4"
 " " low path ~ " ~ 6 1/2"
 Height of tow path ~ " ~ 6"
 Width of trunk in clear ~ " ~ 18"
 Height of eaves above low path ~ 8"
 " of roof above eaves ~ " ~ 8"
 Width of roof over Aqueduct ~ 34 1/2"
 Length of hand railings on wings ~ 16"
 Number of ribs in each span ~ 16
 Number of long King posts } ~ 14
 in each span
 Number of string pieces } ~ 13
 in each span

