

NIAGARA AND ITS WONDERS.

NIAGARA SUSPENSION BRIDGE.

John A. Roebling, Engineer and Architect. Cost about \$500,000.

Length of span from center to center of Towers 400 feet Height of Tower above rock on the American Side 40 " " " " " Canadian Side 38 " " " " " Plan of Suspension 80 " Length of Main Span 110 " Number of Main Cables 4 " Distance between main Cables 105 "	Number of All 8 wires in each Cable 1680 " Weight of Suspension in each main Cable 7,400 tons Ultimate tensile strength of Cable 3000 " Weight of Suspension 3000 "	Height of Suspension in each main Cable 175 feet Weight of Suspension in each main Cable 7,400 tons Ultimate tensile strength of Cable 3000 " Weight of Suspension 3000 "	Top of Towers 87 feet Length of each upper cable 1750 " Depth of lower cable below surface of rock 50 feet Distance south of Red Bank Pier 100 " Depth 25 " Total length of bridge 4000 "
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Published by D. M. Dewey & Son, N. Y.

Date 1856-1857

Primary Maker E.B. & E.C. Kellogg

Description Large central image of a railroad train crossing a suspension bridge surrounded by twelve vignettes showing various views of Niagara Falls and the Niagara River, including the waterfall itself, rapids, a whirlpool, an observation tower, a monument in the form of a broken column, and a fort. The central image includes a man and a woman, who stand on a grassy lawn, looking toward the river, the bridge, and the waterfall in the distance. Two tree stumps and evergreen trees are nearby. Birds perch on the bare branches of a bush in the right foreground. A large American flag flies from a pole at the left end of the bridge. A large Canadian flag flies from a pole at the right end. A small

Basic Detail Report

steamboat is on the river. Smoke issues from the smokestack of the locomotive.

Clouds are in the sky.

Dimensions Primary Dimensions (image height x width): 8 1/8 x 13 3/16in. (20.6 x

33.5cm) Sheet (height x width): 12 1/4 x 16 1/2in. (31.1 x 41.9cm)