

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 of main cables 105 "	Number of A 12 main in each cable 1400 " Weight of suspension in each cable 12,000 tons Weight of suspension in each cable 12,000 tons Weight of suspension in each cable 12,000 tons	Top of Towers 87 feet Length of each upper cable 1750 " Depth of lower cable below surface of rock 100 " Distance from top of Rock to base of Towers 100 " Depth of lower cable below surface of rock 100 " Distance from top of Rock to base of Towers 100 " Depth of lower cable below surface of rock 100 " Distance from top of Rock to base of Towers 100 "
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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)