

## LIST OF ILLUSTRATIONS

Frontispiece ..... Proposed Hell Gate Arch, New York

FIGURE	PAGE
1 Native Bridge in Peru.....	9
2 Indian Bridge, British Columbia.....	10
3 Proposed English Channel Bridge.....	12
4 Old London Bridge.....	13
5 Ponte Rotto, Rome.....	14
6 Parallel Chord Truss.....	16
7 Winona Cantilever.....	18
8 Sunderland Bridge over the Wear.....	21
9 Bridge at Portland, Pa.....	22
10 Whipple Truss.....	27
11 Ponte Vecchio, Florence.....	29
12 Saint Chamas Bridge.....	30
13 Valentre Bridge at Cahors.....	30
14 Memorial Bridge, Capitol Park, Hartford.....	31
15 Auteuil Viaduct, Paris.....	32
16 Britannia Bridge, England.....	33
17 Forest Hills Entrance, Boston.....	34
18 Plauen Stone Arch.....	34
19 Belle Isle Park Bridge, Detroit.....	37
20 Spuyten Duyvil, Proposed Hudson Memorial.....	39
21 Memorial Bridge at Washington, D. C. (Proposed)....	40
22 Memorial Bridge at Washington, D. C. (Proposed)....	40
23 Bridge in Fayal, Azores.....	42
24 Forest Park Entrance, St. Louis, Mo.....	43
25 Madison, N. J., Park Bridge.....	43
26 Design for Bridge in Fairmount Park, Philadelphia....	44
27 Meadow Street Bridge, Pittsburg, Pa.....	45
28 Walnut Lane Bridge, Philadelphia.....	46
29 Proposed St. Lawrence River Arch.....	47
30 Saintes Bridge.....	48
31 Design for Short Span Beam Bridge.....	51
32 Design for Short Span Beam Bridge.....	51
33 Proposed Concrete Beam Bridge over the Jordan.....	52
34 Elizabethtown Bridge over Great Miami River.....	53
35 New Baltimore Bridge, Ohio.....	53
36 Kuilenburg Bridge, Holland.....	53
37 Montreal River Viaduct.....	54
38 Lethbridge Viaduct, Alberta, Canada.....	54
39 Proposed Salmon River Trestle, Idaho.....	55
40 Viaduct at Ogden, Utah.....	55