<table>
<thead>
<tr>
<th>Name</th>
<th>Bayonne Bridge</th>
</tr>
</thead>
<tbody>
<tr>
<td>Designer</td>
<td>Othmar Ammann</td>
</tr>
<tr>
<td>Location</td>
<td>Kill van Kull Bayonne and Staten Island USA</td>
</tr>
<tr>
<td>Date</td>
<td>1931</td>
</tr>
<tr>
<td>Form</td>
<td>Arch Bridge</td>
</tr>
<tr>
<td>Material</td>
<td>Steel</td>
</tr>
<tr>
<td>Page(s)</td>
<td>140</td>
</tr>
<tr>
<td>Image Source(s)</td>
<td>Main &amp; 1: Watson, p. 2</td>
</tr>
<tr>
<td></td>
<td>2: J. Wayman Williams</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Name</th>
<th>Britannia Bridge</th>
</tr>
</thead>
<tbody>
<tr>
<td>Designer</td>
<td>Robert Stephenson</td>
</tr>
<tr>
<td>Location</td>
<td>Menai Straits Wales</td>
</tr>
<tr>
<td>Date</td>
<td>1850</td>
</tr>
<tr>
<td>Form</td>
<td>Tubular Bridge</td>
</tr>
<tr>
<td>Material</td>
<td>Wrought Iron</td>
</tr>
<tr>
<td>Page(s)</td>
<td>58</td>
</tr>
<tr>
<td>Image Source(s)</td>
<td>Main: Hayden, p. 78</td>
</tr>
<tr>
<td></td>
<td>1: Elizabeth N. Billington</td>
</tr>
</tbody>
</table>
Name: Bronx-Whitestone Bridge
Designer: Othmar Ammann
Location: East River
New York, New York
USA
Date: 1939
Form: Suspension Bridge
Material: Steel
Page(s): 144
Image Source(s): Main & 1: Hayden, p. 123
2: Stussi, p. 68

Name: Brooklyn Bridge
Designer: John A. Roebling
Location: East River
New York, New York
USA
Date: 1883
Form: Cable Suspension Bridge
Material: Steel
Page(s): 18, 83
Image Source(s): Main: Steinman, Practical Treatise, p. 198
1 - 3: David P. Billington
4: Trachtenberg, op. p 86
Name: Cement Hall
Designer: Robert Maillart
Location: Zurich
Switzerland
Date: 1939
Form: Thin-shelled Roof
Material: Cement
Page(s): 168
Image Source(s):
Main: Joedicke, p. 41
1: Prader & Cie. A.G.
2: Ros, p. 33

Name: Cincinnati Bridge
Designer: John A. Roebling
Location: Ohio River
Cincinnati, Ohio and Covington, Kentucky
USA
Date: 1866
Form: Cable Suspension Bridge
Material: Iron-wire
Page(s): 79
Image Source(s):
Main: David P. Billington
1: Hayden, p. 114
Name: Craigellachie Bridge
Designer: Thomas Telford
Location: River Spey
Elgin
Scotland
Date: 1814
Form: Arch Bridge
Material: Cast Iron
Page(s): 32
Image Source(s): Elizabeth N. Billington

Name: Eads Bridge
Designer: James B. Eads
Location: Mississippi River
St. Louis, Missouri
USA
Date: 1874
Form: Arch Bridge
Material: Steel
Page(s): 117
Image Source(s): Main & 1: J. Wayman Williams
2: David P. Billington
Name: Eiffel Tower
Designer: Gustave Eiffel
Location: 5 avenue Anatole France
         Paris
         France
Date: 1889
Form: Cantilever
Material: Iron
Page(s): 12
Image Source(s): David P. Billington

Name: Felsenau Bridge
Designer: Christian Menn
Location: Aare River
         Bern
         Switzerland
Date: 1974
Form: Hollow-box Bridge
Material: Prestressed Concrete
Page(s): 252
Image Source(s): David P. Billington
Name: Forth Bridge
Designer: Benjamin Baker
Location: Firth of Forth
          Scotland
Date:     1890
Form:     Cantilever Bridge
Material: Steel
Page(s):  120
Image Source(s): Main - 3: Elizabeth N. Billington
                4: Hayden, p. 98

Name:  Ganter Bridge
Designer: Christian Menn
Location: Simplon Road
          Brig
          Switzerland
Date:     1980
Form:     Cable-stayed Bridge
Material: Prestressed Concrete
Page(s):  258
Image Source(s): Main & 1: David P. Billington
                 2: Christian Menn
<table>
<thead>
<tr>
<th>Name</th>
<th>Garabit Viaduct</th>
</tr>
</thead>
<tbody>
<tr>
<td>Designer</td>
<td>Gustave Eiffel</td>
</tr>
<tr>
<td>Location</td>
<td>Truyère River St. Flour France</td>
</tr>
<tr>
<td>Date</td>
<td>1884</td>
</tr>
<tr>
<td>Form</td>
<td>Arch Bridge</td>
</tr>
<tr>
<td>Material</td>
<td>Wrought Iron</td>
</tr>
<tr>
<td>Page(s)</td>
<td>70</td>
</tr>
<tr>
<td>Image Source(s):</td>
<td>Main: Editions du Lys 1 &amp; 2: Insolera, p. 95, 104 3 - 5: David P. Billington</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Name</th>
<th>Gatti Wool Factory</th>
</tr>
</thead>
<tbody>
<tr>
<td>Designer</td>
<td>Pier Luigi Nervi</td>
</tr>
<tr>
<td>Location</td>
<td>Gatti Wool Factory Rome Italy</td>
</tr>
<tr>
<td>Date</td>
<td>1951</td>
</tr>
<tr>
<td>Form</td>
<td>Floor</td>
</tr>
<tr>
<td>Material</td>
<td>Reinforced Concrete</td>
</tr>
<tr>
<td>Page(s)</td>
<td>166</td>
</tr>
<tr>
<td>Image Source(s):</td>
<td>Main: Pier Luigi Nervi</td>
</tr>
</tbody>
</table>

http://www.ce.jhu.edu/perspectives/protected/ids/Printout.php
<table>
<thead>
<tr>
<th>Name</th>
<th>George Washington Bridge</th>
</tr>
</thead>
<tbody>
<tr>
<td>Designer</td>
<td>Othmar Ammann</td>
</tr>
<tr>
<td>Location</td>
<td>Hudson River</td>
</tr>
<tr>
<td></td>
<td>New York, New York</td>
</tr>
<tr>
<td></td>
<td>USA</td>
</tr>
<tr>
<td>Date</td>
<td>1931</td>
</tr>
<tr>
<td>Form</td>
<td>Suspension Bridge</td>
</tr>
<tr>
<td>Material</td>
<td>Steel</td>
</tr>
<tr>
<td>Page(s)</td>
<td>132</td>
</tr>
<tr>
<td>Image Source(s)</td>
<td>Main: Dana and Anderson, fig. 1</td>
</tr>
<tr>
<td></td>
<td>1: Ammann, &quot;George Washington,&quot; fig. 4</td>
</tr>
<tr>
<td></td>
<td>2: J. Wayman Williams</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Name</th>
<th>Hell Gate Bridge</th>
</tr>
</thead>
<tbody>
<tr>
<td>Designer</td>
<td>Gustav Lindenthal</td>
</tr>
<tr>
<td>Location</td>
<td>East River</td>
</tr>
<tr>
<td></td>
<td>New York, New York</td>
</tr>
<tr>
<td></td>
<td>USA</td>
</tr>
<tr>
<td>Date</td>
<td>1916</td>
</tr>
<tr>
<td>Form</td>
<td>Arch Bridge</td>
</tr>
<tr>
<td>Material</td>
<td>Steel</td>
</tr>
<tr>
<td>Page(s)</td>
<td>126</td>
</tr>
<tr>
<td>Image Source(s)</td>
<td>Main: Ammann, &quot;Hell Gate,&quot; fig. 9</td>
</tr>
<tr>
<td></td>
<td>1: J. Wayman Williams</td>
</tr>
</tbody>
</table>
Name: Indoor Tennis Center
Designer: Heinz Isler
Location: Heimberg
Switzerland
Date: 1979
Form: Thin-shelled Roof
Material: Concrete
Page(s): 229
Image Source(s): Heinz Isler

Name: Iron Bridge
Designer: Abraham Darby III
Location: Severn River
Coalbrookdale
England
Date: 1779
Form: Cast Iron Arch Bridge
Material: Iron
Page(s): 29
Image Source(s): Main: Ironbridge Gorge Museum Trust
1: Trinder, cover
Name: John Hancock Center
Designer: Fazlur Khan
Location: 875 North Michigan Avenue
        Chicago, Illinois
        USA
Date: 1970
Form: Externally Braced Skyscraper
Material: Steel
Page(s): 241, 263
Image Source(s): Main: J. Wayman Williams
                1 - 3: David P. Billington

Name: Large Sports Palace
Designer: Pier Luigi Nervi
Location: Rome
        Italy
Date: 1960
Form: Ribbed Dome
Material: Concrete
Page(s): 182
Image Source(s): Main & 1: David P. Billington
                2: Princeton University
<table>
<thead>
<tr>
<th>Name:</th>
<th>Le Veurdre Bridge</th>
</tr>
</thead>
<tbody>
<tr>
<td>Designer:</td>
<td>Eugène Freyssinet</td>
</tr>
<tr>
<td>Location:</td>
<td>Allier River</td>
</tr>
<tr>
<td></td>
<td>Vichy</td>
</tr>
<tr>
<td></td>
<td>France</td>
</tr>
<tr>
<td>Date:</td>
<td>1911</td>
</tr>
<tr>
<td>Form:</td>
<td>Shallow Arch Bridge</td>
</tr>
<tr>
<td>Material:</td>
<td>Concrete</td>
</tr>
<tr>
<td>Page(s):</td>
<td>201</td>
</tr>
<tr>
<td>Image Source(s):</td>
<td>Main: Leroy, Marmillot, and Provost, p. 4</td>
</tr>
<tr>
<td></td>
<td>1: Lisa Grebner</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Name:</th>
<th>Little Sports Palace</th>
</tr>
</thead>
<tbody>
<tr>
<td>Designer:</td>
<td>Pier Luigi Nervi</td>
</tr>
<tr>
<td>Location:</td>
<td>Rome</td>
</tr>
<tr>
<td></td>
<td>Italy</td>
</tr>
<tr>
<td>Date:</td>
<td>1957</td>
</tr>
<tr>
<td>Form:</td>
<td>Ribbed Dome</td>
</tr>
<tr>
<td>Material:</td>
<td>Concrete</td>
</tr>
<tr>
<td>Page(s):</td>
<td>181</td>
</tr>
<tr>
<td>Image Source(s):</td>
<td>Main - 3: David P. Billington</td>
</tr>
<tr>
<td></td>
<td>4: Nervi, Pier Luigi</td>
</tr>
</tbody>
</table>
Name: Luzancy Bridge
Designer: Eugène Freyssinet
Location: Marne River
France
Date: 1946
Form: Prestressed Bridge
Material: Concrete
Page(s): 204
Image Source(s): Portland Cement Association

Name: Magazzini Generali Warehouse Shed
Designer: Robert Maillart
Location: Chiasso
Switzerland
Date: 1924
Form: Truss-like Roof
Material: Reinforced Concrete
Page(s): 167
Image Source(s): M.-C. Blumer-Maillart
<table>
<thead>
<tr>
<th>Name</th>
<th>Market Hall</th>
</tr>
</thead>
<tbody>
<tr>
<td>Designer:</td>
<td>Franz Dishinger</td>
</tr>
<tr>
<td>Location:</td>
<td>Leipzig Germany</td>
</tr>
<tr>
<td>Date:</td>
<td>1929</td>
</tr>
<tr>
<td>Form:</td>
<td>Thin-shelled Dome</td>
</tr>
<tr>
<td>Material:</td>
<td>Concrete</td>
</tr>
<tr>
<td>Page(s):</td>
<td>175</td>
</tr>
<tr>
<td>Image Source(s):</td>
<td>Anton Tedesco</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Name</th>
<th>Menai Bridge</th>
</tr>
</thead>
<tbody>
<tr>
<td>Designer:</td>
<td>Thomas Telford</td>
</tr>
<tr>
<td>Location:</td>
<td>Menai Straits Wales</td>
</tr>
<tr>
<td>Date:</td>
<td>1826</td>
</tr>
<tr>
<td>Form:</td>
<td>Chain-suspension Bridge</td>
</tr>
<tr>
<td>Material:</td>
<td>Wrought-iron</td>
</tr>
<tr>
<td>Page(s):</td>
<td>35</td>
</tr>
</tbody>
</table>
| Image Source(s):| Main & 1: Elizabeth N. Billington
                              | 2: David P. Billington       |
Name: Monadnock Building
Designer: John W. Root
Location: 53 W Jackson Blvd
Chicago, Illinois
USA
Date: 1892
Form: Building
Material: Masonry
Page(s): 110
Image Source(s): Main: J. Wayman Williams
1: David P. Billington

Name: Mushroom Floor
Designer: Robert Maillart
Location: Giesshübel Warehouse
Zurich
Switzerland
Date: 1910
Form: Floor
Material: Concrete
Page(s): 165
Image Source(s): David P. Billington
Name: Niagara River Bridge
Designer: John A. Roebling
Location: Niagara River
Niagara Falls
USA
Date: 1855
Form: Rope Suspension Bridge
Material: Iron-wire
Page(s): 76
Image Source(s): Main: Trachtenberg, op. p. 86
1: Steinman, op. p. 196

Name: Orly Dirigible Hangars
Designer: Eugène Freyssinet
Location: Orly Field
Paris
France
Date: 1921
Form: Arch Roof
Material: Concrete
Page(s): 207
Image Source(s): Leroy, Marmillot, and Provost, p. 6
Name: Paddington Station Roof
Designer: Isambard Kingdom Brunel
Location: Praed Street
London
England
Date: 1854
Form: Arch Roof
Material: Iron
Page(s): 51
Image Source(s): David P. Billington

Name: Pantheon
Designer: 
Location: Piazza della Rotonda
Rome
Italy
Date: 124
Form: Dome
Material: Concrete
Page(s): 177
Image Source(s): Department of Art and Archeology, Princeton University
Name: Pia Maria Bridge
Designer: Gustave Eiffel
Location: Douro River
Oporto
Portugal
Date: 1877
Form: Arch Bridge
Material: Wrought Iron
Page(s): 68
Image Source(s): Main: Centre Georges Pompidou, Paris
1: T. Agans

Name: Plougastel Bridge
Designer: Eugène Freyssinet
Location: Elorn Estuary
Brest
France
Date: 1930
Form: Hollow-box Arch Bridge
Material: Reinforced Concrete
Page(s): 203
Image Source(s): Main: Leroy, Marmillot, and Provost, p. 10
1: Architecture Vivante
Name: Railway Repair Shop Roofs
Designer: Eugène Freyssinet
Location: Bagneux
           France
Date: 1927
Form: Thin-shelled Roof
Material: Concrete
Page(s): 208
Image Source(s): Lisa Grebner

Name: Reichenau Bridge
Designer: Christian Menn
Location: Rhine River
          Reichenau
          Switzerland
Date: 1964
Form: Hollow-box Bridge
Material: Prestressed Concrete
Page(s): 251
Image Source(s): Main: Christian Menn
                 1-4: David P. Billington
Name: Roof for the Bürgi Garden Center
Designer: Heinz Isler
Location: Camorino Switzerland
Date: 1971
Form: Thin-shelled Roof
Material: Concrete
Page(s): 228
Image Source(s): Heinz Isler

Name: Roof for the Sicli Company Building
Designer: Heinz Isler
Location: Geneva Switzerland
Date: 1969
Form: Thin-shelled Roof
Material: Concrete
Page(s): 226
Image Source(s): Heinz Isler
Name: Roof for the Wyss Garden Center
Designer: Heinz Isler
Location: Solothurn Switzerland
Date: 1961
Form: Thin-shelled Roof
Material: Concrete
Page(s): 228
Image Source(s): Heinz Isler

Name: Roofs for a School
Designer: Rogier Taillibert
Location: Chamonix France
Date: 1973
Form: Spherical Roof
Material: Concrete
Page(s): 226
Image Source(s): Heinz Isler
<table>
<thead>
<tr>
<th>Name:</th>
<th>Rouzat Viaduct</th>
</tr>
</thead>
<tbody>
<tr>
<td>Designer:</td>
<td>Gustave Eiffel</td>
</tr>
<tr>
<td>Location:</td>
<td>Sioule River&lt;br&gt;Gannat&lt;br&gt;France</td>
</tr>
<tr>
<td>Date:</td>
<td>1869</td>
</tr>
<tr>
<td>Form:</td>
<td>Truss Bridge</td>
</tr>
<tr>
<td>Material:</td>
<td>Wrought Iron</td>
</tr>
<tr>
<td>Page(s):</td>
<td>66</td>
</tr>
<tr>
<td>Image Source(s):</td>
<td>David P. Billington</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Name:</th>
<th>Salginatobel Bridge</th>
</tr>
</thead>
<tbody>
<tr>
<td>Designer:</td>
<td>Robert Maillart</td>
</tr>
<tr>
<td>Location:</td>
<td>Schiers&lt;br&gt;Switzerland</td>
</tr>
<tr>
<td>Date:</td>
<td>1930</td>
</tr>
<tr>
<td>Form:</td>
<td>Three-hinged Arch Bridge</td>
</tr>
<tr>
<td>Material:</td>
<td>Concrete</td>
</tr>
<tr>
<td>Page(s):</td>
<td>160</td>
</tr>
<tr>
<td>Image Source(s):</td>
<td>David P. Billington</td>
</tr>
</tbody>
</table>
Name: Saltash Bridge
Designer: Isambard Kingdom Brunel
Location: Tamar River
Plymouth
England
Date: 1859
Form: Tubular Arch and Chain Cable Bridge
Material: Iron
Page(s): 56
Image Source(s): Main - 3: Elizabeth N. Billington
4: William Morgan

Name: School Roof
Designer: Antonio Gaudí
Location: Church of the Sagrada Familia
Barcelona
Spain
Date: 1909
Form: Thin-shelled Roof
Material: Concrete
Page(s): 186
Image Source(s): David P. Billington
<table>
<thead>
<tr>
<th>Name</th>
<th>Schwandbach Bridge</th>
</tr>
</thead>
<tbody>
<tr>
<td>Designer</td>
<td>Robert Maillart</td>
</tr>
<tr>
<td>Location</td>
<td>Hinterfultigen, Switzerland</td>
</tr>
<tr>
<td>Date</td>
<td>1933</td>
</tr>
<tr>
<td>Form</td>
<td>Deck-stiffened Arch Bridge</td>
</tr>
<tr>
<td>Material</td>
<td>Reinforced Concrete</td>
</tr>
<tr>
<td>Page(s)</td>
<td>162</td>
</tr>
<tr>
<td>Image Source(s)</td>
<td>Main &amp; 1: Billington, Maillart, p. 97</td>
</tr>
<tr>
<td></td>
<td>2 &amp; 3: Bern Highway Department</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Name</th>
<th>Sears Tower</th>
</tr>
</thead>
<tbody>
<tr>
<td>Designer</td>
<td>Fazlur Khan</td>
</tr>
<tr>
<td>Location</td>
<td>233 South Wacker Drive, Chicago, Illinois, USA</td>
</tr>
<tr>
<td>Date</td>
<td>1974</td>
</tr>
<tr>
<td>Form</td>
<td>Tubular Skyscraper</td>
</tr>
<tr>
<td>Material</td>
<td>Steel</td>
</tr>
<tr>
<td>Page(s)</td>
<td>243</td>
</tr>
<tr>
<td>Image Source(s)</td>
<td>David P. Billington</td>
</tr>
</tbody>
</table>
Name: St. Johns Bridge
Designer: David Steinman
Location: Willamette River
         Portland, Oregon
         USA
Date: 1931
Form: Suspension Bridge
Material: Steel
Page(s): 146
Image Source(s): David P. Billington

Name: Stauffacher Bridge
Designer: Robert Maillart
Location: Sihl River
         Zurich
         Switzerland
Date: 1899
Form: Three-hinged Arch Bridge
Material: Concrete
Page(s): 157
Image Source(s): Billington, Maillart, p. 17, 22
Name: Tavanasa Bridge
Designer: Robert Maillart
Location: Vorder Rhine River
Tavanasa
Switzerland
Date: 1905
Form: Three-hinged Arch Bridge
Material: Concrete
Page(s): 159
Image Source(s): Main - 2: Billington, Maillart, p. 36, 38
3: Princeton Maillart Archive, R. Maillart
4: Canton Graubunden, Switzerland
5: Ros, p. 233

Name: Vienne River Bridge
Designer: François Hennebique
Location: Vienne River
Châtellerault
France
Date: 1899
Form: Reinforced Arch Bridge
Material: Concrete
Page(s): 150
Image Source(s): National Museum of American History, Smithsonian Institution
Name: Wainwright Building
Designer: Louis Sullivan
Location: 111 North 7th Street
St. Louis, Missouri
USA
Date: 1891
Form: Steel Frame covered in Masonry
Material: Steel
Page(s): 109
Image Source(s): Main: David P. Billington
1: Condit, *Chicago School*, fig. 100

Name: Xochimilco Restaurant Roof
Designer: Felix Candela
Location: Mexico City
Mexico
Date: 1958
Form: Thin-shelled Roof
Material: Concrete
Page(s): 191
Image Source(s): Felix Candela
Name: Zarzuela Hippodrome Roof
Designer: Eduardo Torroja
Location: Madrid
Spain
Date: 1935
Form: Thin-shelled Roof
Material: Concrete
Page(s): 187
Image Source(s): David P. Billington

Name: Zuoz Bridge
Designer: Robert Maillart
Location: Inn River Zuoz
Switzerland
Date: 1901
Form: Hollow-box Arch Bridge
Material: Reinforced Concrete
Page(s): 157
Image Source(s): Main: Christian Menn
1: Billington, Maillart, p. 23