TOHICKON AQUEDUCT REHABILITATION
Delaware Canal National Landmark
1992-2001

William Collins, RLA, Simone Collins Landscape Architecture
David C. Fishetti, P.E., DCF Engineering - superstructure engineer
before 1932
before 1932
Commercial operation 1832 - 1932
Ole swimmin’ hole,  Labor Day, 1932
Two days after Labor Day, 1932
After WW2
New state park aqueduct
30-35 years useful life
Gift Bridge – Guelph Ontario, 1992 (TF Guild)
Town Lattice Truss fabrication
Hand-raising trusses
Moving trusses into position
Opening
Gift Bridge
Inspiration

Roebling Aqueduct

former Delaware & Hudson Canal Lackawaxen, PA

Rehabilitation by NPS
Inspiration

Duck Creek Aqueduct Swiftwater Canal, Matamoras, IN
Duck Creek Aqueduct - Burr Arch Truss
Canal aqueduct taking shape

The 200-foot-long structure spans the Tohickon Creek and brings the Delaware Canal one step closer to being fully operational.
Workers for J.D. Eckman contractors stand at the refurbished Tohickon Aqueduct near Point Pleasant. Students and professors of the University of Maine are testing a new polymer that is supposed to reinforce the timber construction.

**Tohickon Aqueduct project becomes college experiment**
Approximately 30-35 years useful life
<table>
<thead>
<tr>
<th>Costs</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>$100,000</td>
<td>US FOREST SERVICE timber engineering</td>
</tr>
<tr>
<td>$2.1M</td>
<td>PennDOT / FHWA, PA Department of Conservation and Natural Resources</td>
</tr>
</tbody>
</table>
Acknowledgements

Randy Apgar, – President, Friends of the Delaware Canal.

Joseph Bernard – Executive Director of the Pennsylvania Forestry Association.

Allen Black, Esq. – President, Point Pleasant Community Association.

Ed Cesa - Program Manager, Wood in Transportation Program, USDA Forest Service.

Eugene J. Comoss, P.E. – Director, Bureau of Facilities Design and Construction, Pennsylvania Department of Conservation and Natural Resources

Joseph Dudick – (former) Director of the Pennsylvania Rural Development Council.

James Eppley, P.E. – Chief Engineer, Bureau of Facilities Design and Construction, Pennsylvania Department of Conservation and Natural Resources.

James Kernoshak, P.E. – Project Engineer, Bureau of Flood Protection Projects, Pennsylvania Department of Environmental Protection.

Norman Lacasse, (retired) State Forester liaison, Pennsylvania Department of Conservation and Natural Resources.

Lew McCreery – Program Manager, Economic Action Program, USDA Forest Service.

Lance Metz – Director, National Canal Museum.

Susan Taylor – Executive Director, Friends of the Delaware Canal.

William Getchell – Member, Friends of the Delaware Canal, and volunteer data-gatherer.

Thomas Lurz - Member, Friends of the Delaware Canal, and volunteer data-gatherer.

Sheree Lurz - Member, Friends of the Delaware Canal, and volunteer data-gatherer.

Ken Lewis – Manager, Delaware Canal State Park.

Bonnie Tobin – Volunteer Coordinator, Delaware Canal State Park.
Opening – “Aqueducky” race
Contact

William Collins, RLA, VP

Simone Collins
Landscape Architecture
119 East Lafayette Street
Norristown, PA 18960

610 239 7601
wcollins@simonecollins.com