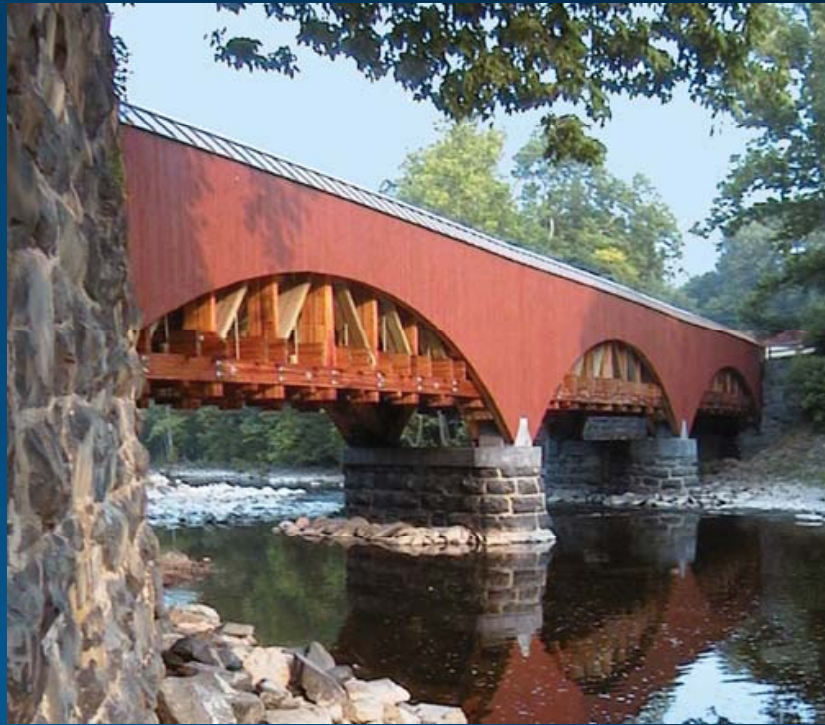


TOHICKON AQUEDUCT REHABILITATION

Delaware Canal National Landmark

1992-2001



William Collins, RLA, Simone Collins Landscape Architecture

David C. Fishetti, P.E., DCF Engineering - superstructure engineer



1992



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before 1932



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before 1932



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Commercial operation 1832 - 1932



Ole swimmin' hole, Labor Day, 1932



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Two days after Labor Day, 1932





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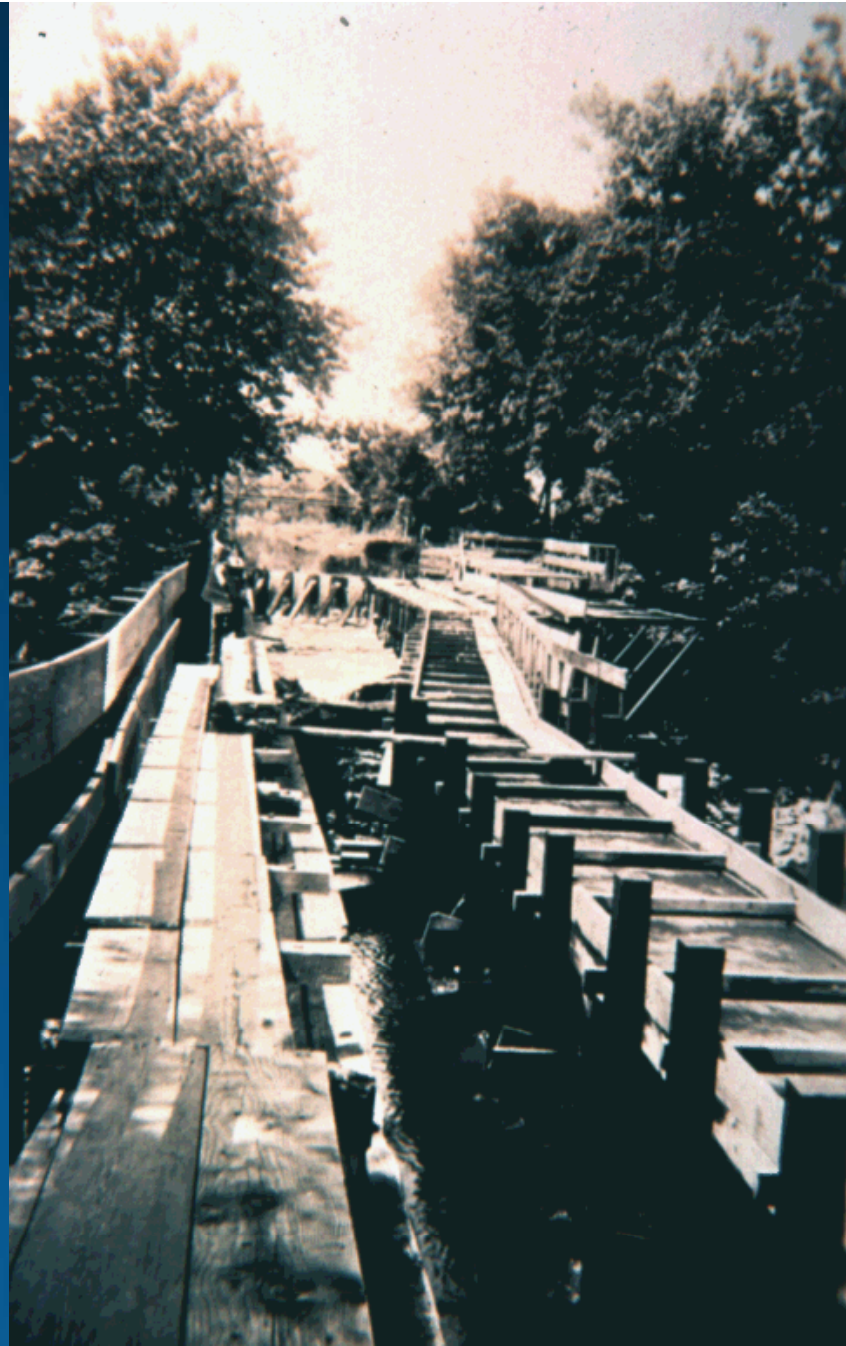


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After WW2

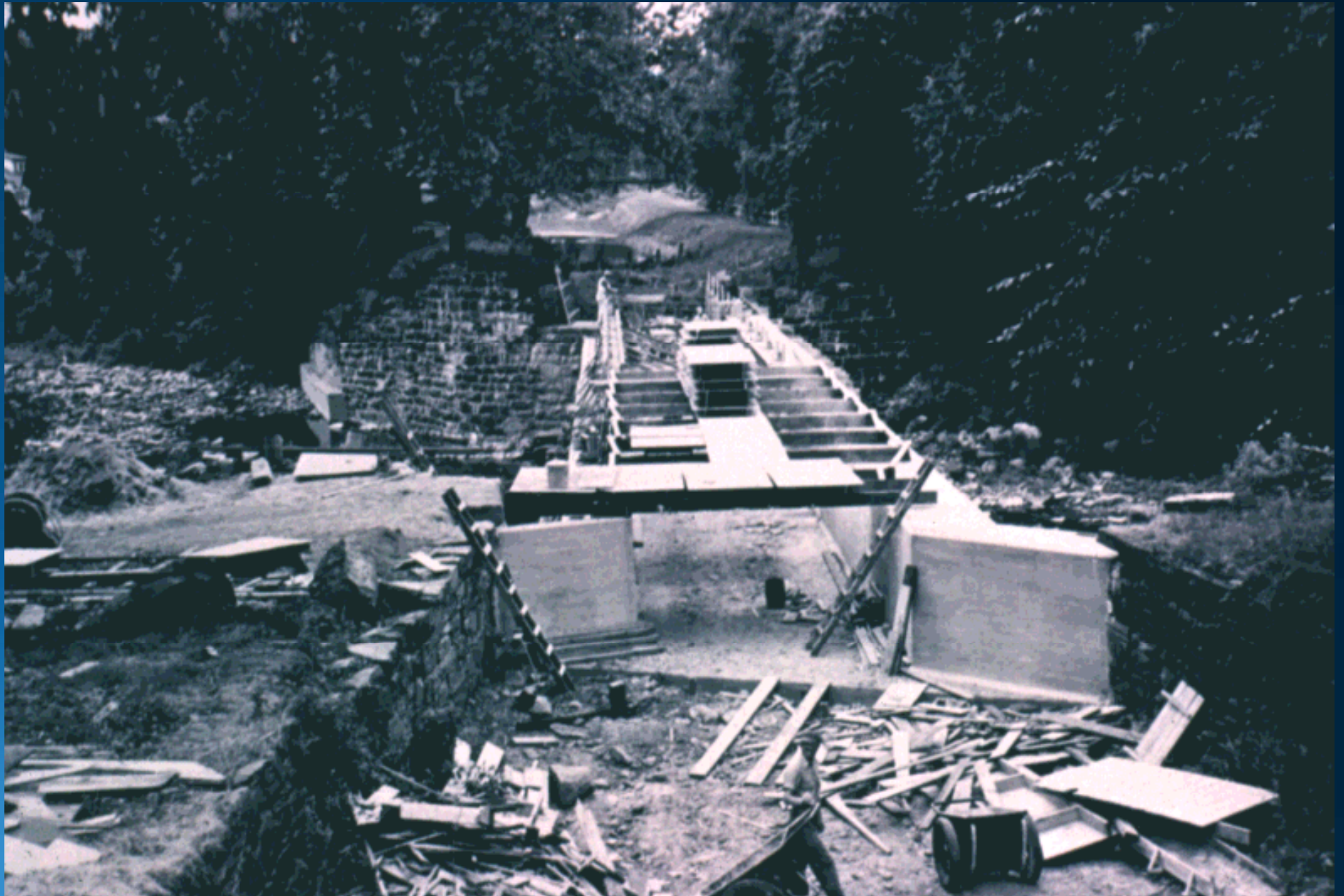


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New state park aqueduct



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30-35 years useful life



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Gift Bridge – Guelph Ontario, 1992 (TF Guild)





Town Lattice Truss fabrication



Hand-raising trusses



Moving trusses into position



Opening

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Gift Bridge

Inspiration



Rehabilitation by NPS

Roebling Aqueduct

former Delaware & Hudson Canal Lackawaxen, PA

Inspiration

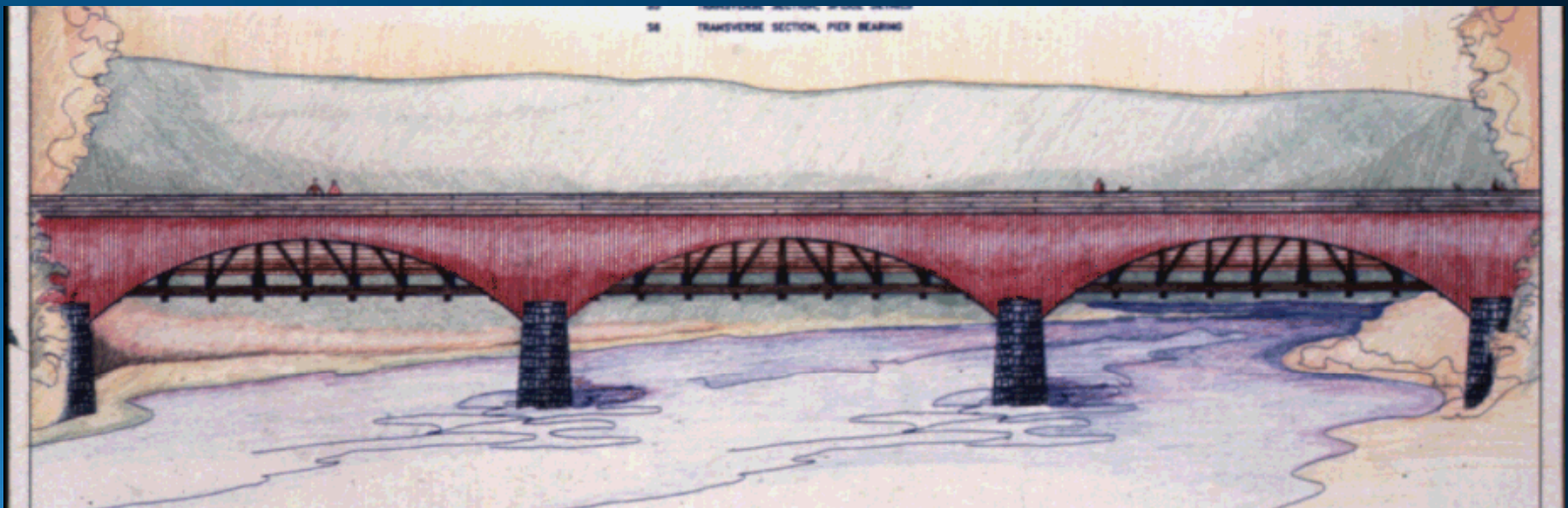


Duck Creek Aqueduct *Swiftwater Canal, Matamoras, IN*



Duck Creek Aqueduct - Burr Arch Truss

Engineering and Architecture





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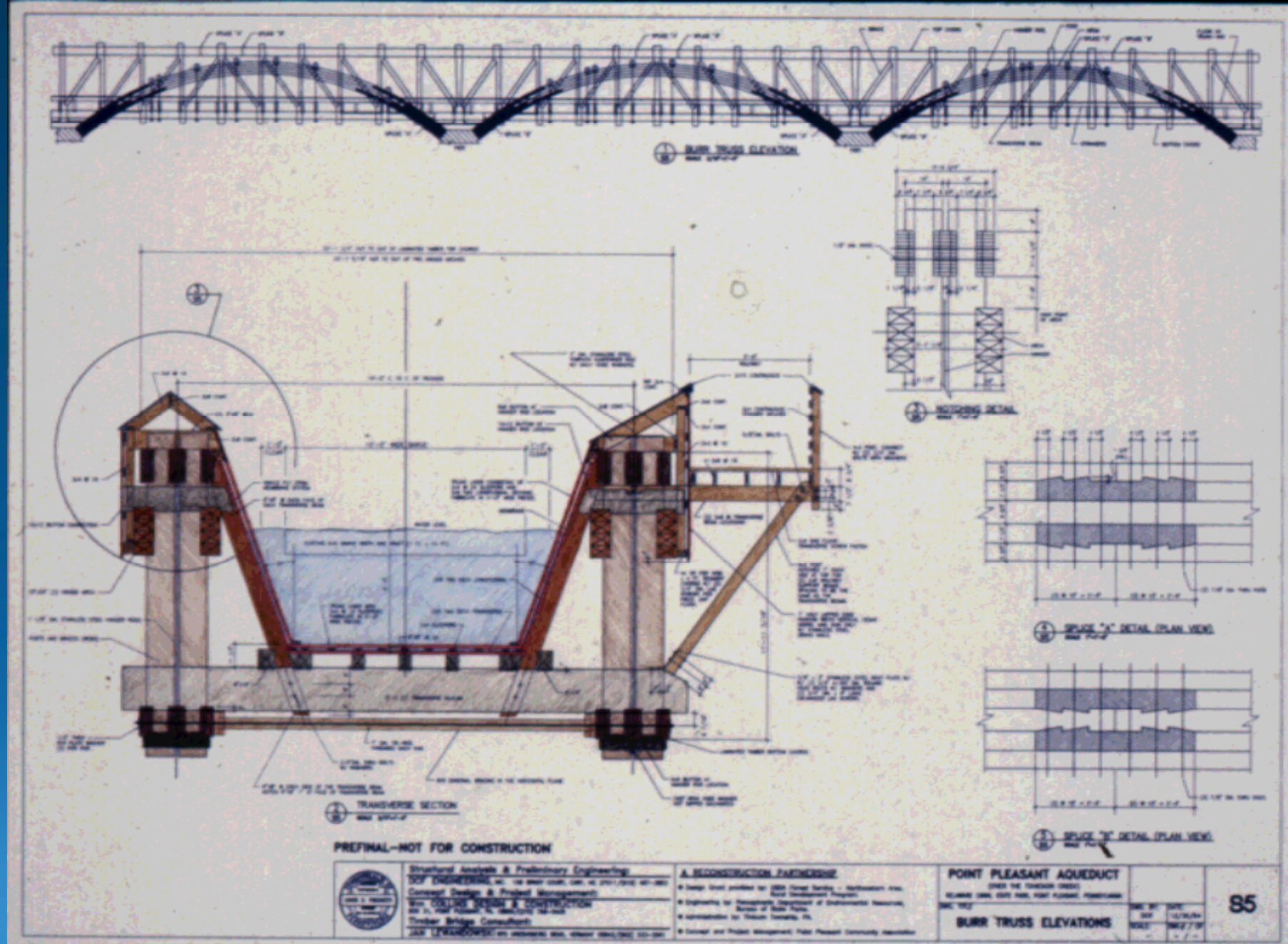
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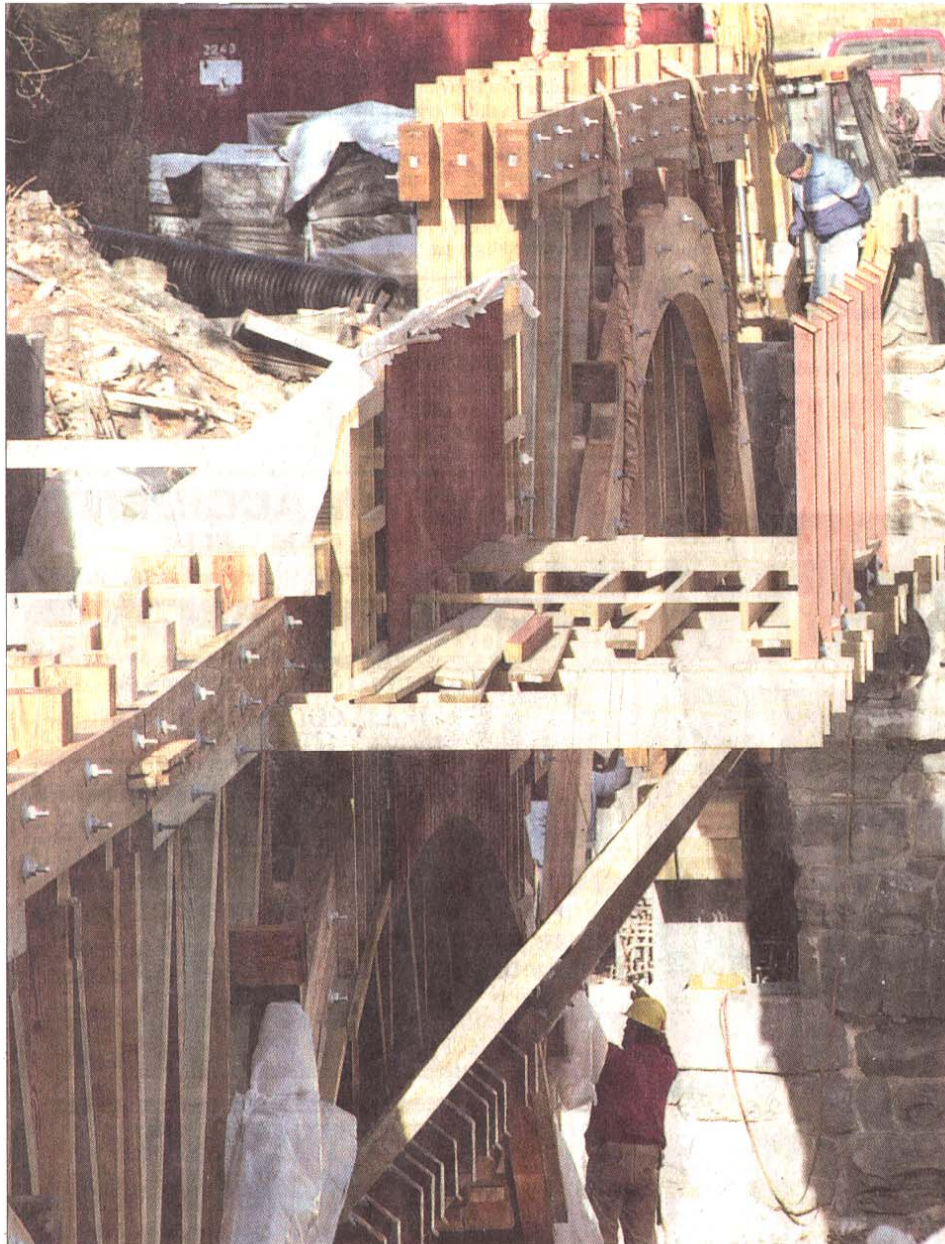




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Canal aqueduct taking shape

The 200-foot-long structure spans the Tohickon Creek and brings the Delaware Canal one step closer to being fully operational.





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CATHERINE MEREDITH / The Morning Call

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



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Point Pleasant Pa.

Approximately 30-35 years useful life



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Costs

\$100,000 **US FOREST SERVICE** timber engineering

\$2.1M **PennDOT / FHWA,
PA Department of Conservation and Natural
Resources**

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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

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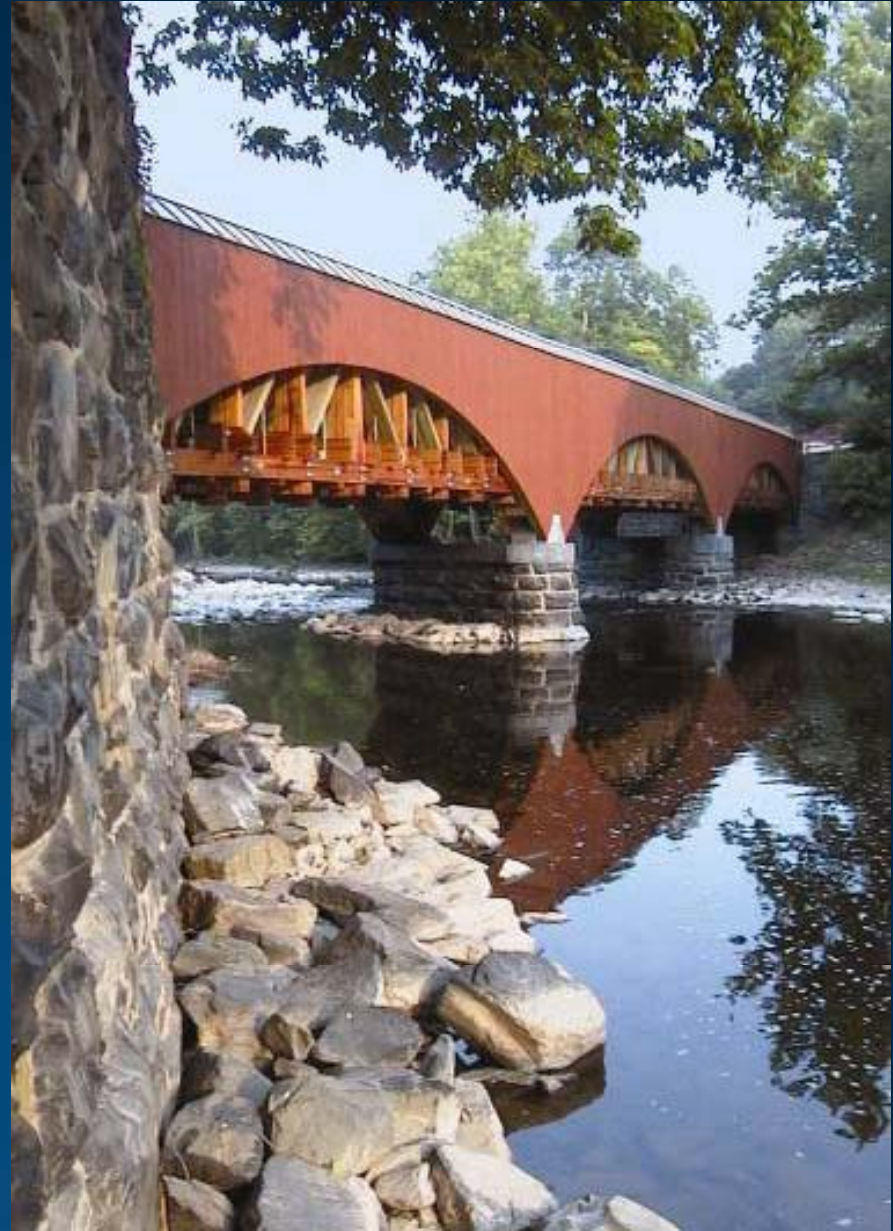
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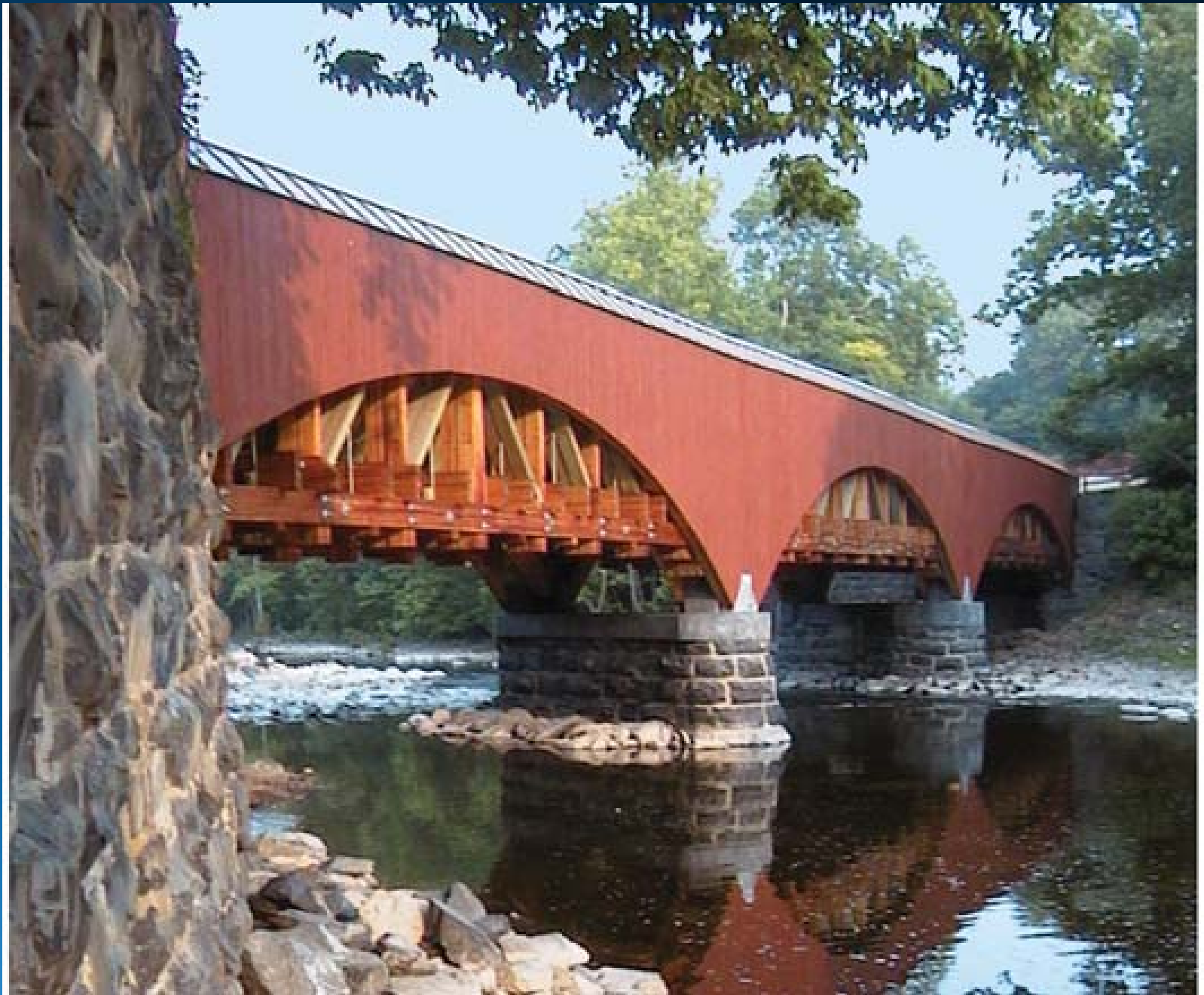
William Collins, RLA, VP



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

610 239 7601
wcollins@simonecollins.com





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