Type: Glulam arch w/glulam deck
County: Huntingdon
Owner: Pennsylvania Department of Conservation and Natural Resources
Engineer: Uni-Tec Consulting Engineers, Inc.
Spans over: Trough Creek
Bridge length: 77'-0"
Roadway width: 20'-0"

Directions: From the intersection of PA 26 and PA 994, just west of Enriken, take PA 994 towards Newburg approximately 6 miles to the intersection of PA 994 and SR 3031 (Hill Farm Road). Take SR 3031 to the entrance of Trough Creek State Park and the bridge site.
**GEOMETRY**

- Number of Spans: 1
- Out-to-out length: 77’-0”
- Center-of-bearing length: 75’-0”
- Skew: None

- Number of lanes: 2
- Out-to-out width: 23’-0”
- Curb-to-curb width: 20’-0”
- Superstructure square footage: 1771

- Design load: AASHTO HS-20 and PA ML-80
- Design by: Uni-Tec Consulting Engineers, Inc.
- Abutment material: Concrete
- Average daily traffic: 80
- Total project cost: $575,762

**MATERIAL**

**DECK**
- Material: Glulam panels
- Species: Red maple
- Preservative treatment: Creosote

**ARCH**
- Material: Glulam beam
- Species: Southern pine
- Preservative treatment: Penta (prior to treatment)

**GUIDERAIL CURB**
- Material: Glulam
- Species: Red maple
- Preservative treatment: Penta

**GUIDERAIL**
- Material: Glulam
- Species: Red maple
- Preservative treatment: Penta

**SIDEWALK**
- Material: Glulam panels
- Species: Red maple
- Preservative treatment: Penta

**FUNDING SOURCES:** USDA Forest Service $40,000; Balance of funding from the Pennsylvania Department of Conservation and Natural Resources.

**LOCAL CONTACT:** John P. Conrad, Vice-president
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Information provided by the Pennsylvania Department of Conservation and Natural Resources and derived from plans for Paradise Road Bridge over Trough Creek, Trough Creek State Park.

WIT Program Proposal Number: NA-45-95

Federal Grant Identifier: NA-95-0126

The Pennsylvania Timber Bridge Program is an interagency/intergovernmental effort coordinated by the Pennsylvania Rural Development Council (PRDC), an agency located within the Governor’s Executive Offices. In addition to DCNR and PRDC, agencies participating in the Timber Bridge Working Group are the Pennsylvania Department of Transportation, the Pennsylvania Hardwoods Development Council, the USDA Forest Service, the Pennsylvania State University, and numerous private firms. The Timber Bridge Working Group is committed to the sustainable use of Pennsylvania’s forest resources.

December 1999

Northeastern Area
State and Private Forestry

The National Wood In
Transportation Program