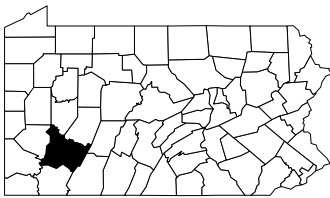
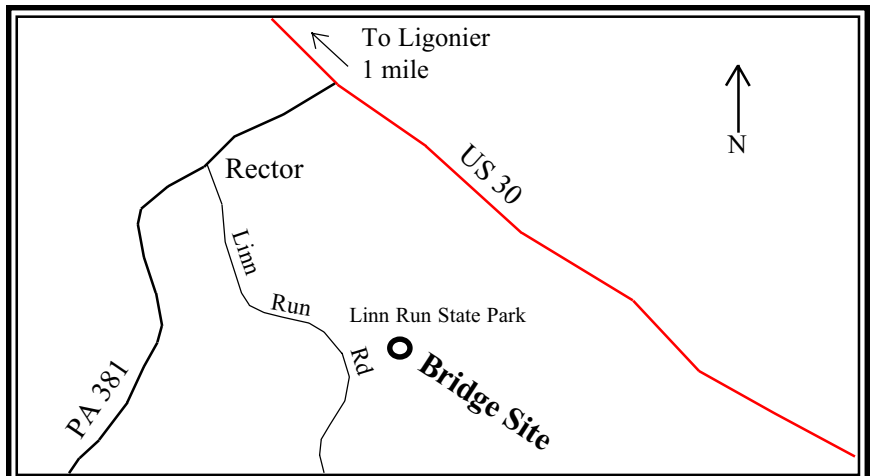


LYNN RUN TRAIL BRIDGE #1, Westmoreland County, Pennsylvania



Type: King Post Truss
County: Westmoreland
Owner: Pennsylvania Bureau of Forestry
Built in: 1995
Fabricator: Loyalhanna Watershed Assn.
Subcontracted
Engineer: DCF Engineering, Inc.
Spans over: Linn Run Creek
Bridge length: 18'-0"
Bridge width: 10'-0"

Directions: From Ligonier travel east on US 30 approximately 1 mile to the intersection of US 30 and PA 381. Turn right onto PA 381 toward Rector. Travel approximately 2 miles to Rector and the intersection of PA 381 and Linn Run Road. Take Linn Run Road To Linn Run State Park. The bridge site is approximately 1 mile from the southeast boundary of Linn Run State Park on Fish Run Trail in Forbes State Forest, upstream from Linn Run State Park.



GEOMETRY

Number of Spans: 1
 Out-to-out length: 18'-0"
 Center-of-bearing length:
 Skew:
 Number of lanes:
 Out-to-out width: 12'-0"
 Curb-to-curb width: 10'-0"
 Number of beams and spacing: 8 @ 1'-10"
 Superstructure square footage: 216

Design load:
 Averaged daily traffic:
 Design by:
 Abutment material:

Total wood quantity:
 Total wood cost:
 Total steel quantity:
 Total steel cost:
 Total project cost: \$44,500 (2 bridges)
 Total superstructure cost:
 Total superstructure cost /sq. ft.:

MATERIAL**DECK**

Material: Wood
 Grade:
 Species: Eastern hemlock
 Sizes used:
 Quantity:
 Drying method:
 Preservative treatment: CCA
 Specification:
 Method:

BEAMS/STRINGERS

Material: Wood
 Grade:
 Species: Eastern hemlock
 Sizes used:
 Quantity:
 Drying method:
 Preservative treatment: CCA
 Specification:
 Method:

GUIDERAIL POSTS

Material: Wood
 Grade:
 Species: Eastern hemlock
 Sizes used: 4 (2 ea. side)
 Quantity:
 Drying method:
 Preservative treatment: CCA
 Specification:
 Method:

GUIDERAIL CURB

Material: Wood
 Grade:
 Species: Eastern hemlock
 Size:
 Quantity:
 Preservative Treatment: CCA

GUIDERAIL

Material: Wood
 Grade:
 Species: Eastern hemlock
 Size: 2"x6"
 Quantity:
 Preservative treatment: CCA

STRESSING STEEL

Grade:
 Manufacturer:
 Bar Diameter:
 Coating:
 Quantity:
 Bearing plate size:

FUNDING SOURCES: USDA Forest Service \$10,000; Balance of funding from Loyalhanna Watershed Assn., Inc. and other sources.

LOCAL CONTACT: Lysle S. Sherwin, Executive Director
 Loyalhanna Watershed Association
 PO Box 561
 114 South Market St.
 Ligonier, PA 15658

Phone: 724-238-7560

Information provided by Simone, Jaffe and Collins, Inc. and the Loyalhanna Watershed Assn., Inc.

WIT Program Proposal Number: NA-12-95

Federal Grant Identifier: NA-95-0140

