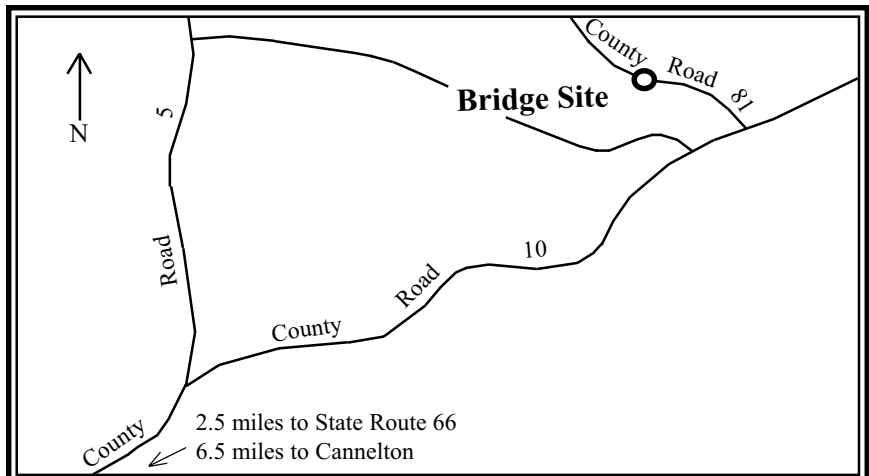


# COUNTY BRIDGE 134, Perry County, Indiana



**Type:** Stress-laminated T system  
**County:** Perry  
**Owner:** Perry County Department of Public Works  
**Built in:** 1994  
**Fabricator:** Burke, Parsons, & Bowlby, Inc.  
**Engineer:** Engineer Associates  
**Spans over:** Murmer Creek  
**Bridge length:** 28'-0"  
**Roadway width:** 16'-0"

**Directions:** From Cannelton travel east on State Road 66, 4.4 miles to the intersection of State Road 66 and County Road 5. Take County Road 5 north 2.7 miles to the intersection of County Road 5 and County Road 10. Take County Road 10 northeast 2.1 miles to the intersection of County Road 10 and County Road 81. Left onto County Road 81 and the bridge site is .2 miles from the intersection of County Road 10 and County Road 81.



**GEOMETRY**

Number of Spans: 1  
 Out-to-out length: 28'-0"  
 Center-of-bearing length: 26'-0"  
 Skew: 0  
 Number of lanes: 2  
 Out-to-out width: 18'-0"  
 Curb-to-curb width: 16'-0"  
 Number of beams and spacing: 5  
 Superstructure square footage: 448

Design load: HS-20-44  
 Averaged daily traffic: 24  
 Design by: Engineer Associates  
 Abutment material: Wood

Total wood quantity: 15,739 bf (includes substructure)  
 Total wood cost: \$9,443  
 Total project cost: \$65,595  
 Total superstructure cost: \$27,974  
 Total superstructure cost /sq. ft.: \$62.44

**MATERIAL****DECK**

Material: Wood  
 Grade: NELMA structural #2 or better  
 Species: Northern red oak  
 Sizes used: 7"x9"  
 Quantity: 5,476 bf  
 Drying method: Kiln  
 Preservative treatment: Creosote

**BEAMS/STRINGERS**

Material: Wood  
 Species: Southern pine  
 Sizes used: 2"x10"  
 Quantity: 2407 bf  
 Drying method: Kiln  
 Preservative treatment: Creosote

**GUIDERAIL POSTS**

Material: Wood  
 Grade: NELMA structural #2 or better  
 Species: Northern red oak  
 Quantity: 917 bf  
 Drying method: Kiln  
 Preservative treatment: Creosote

**GUIDERAIL CURB**

Material: Wood  
 Grade: NELMA structural #2 or better  
 Species: Northern red oak  
 Size: 6"x12"  
 Quantity: 236 bf  
 Preservative Treatment: Creosote

**GUIDERAIL**

Material: Wood  
 Grade: NELMA structural #2 or better  
 Species: Northern red oak  
 Size: 6"x12"  
 Quantity: 587 bf  
 Preservative treatment: Creosote

**STRESSING STEEL**

Grade: ASTM 108  
 Manufacturer: Williams Form  
 Bar Diameter: 3/4"  
 Coating: Epoxy  
 Bearing plate size: 7"x11"x5/8"

**FUNDING SOURCES:** USDA Forest Service: \$28,600; Indiana Department of Commerce: \$22,000; Perry County Highway Department: \$14,995.

**LOCAL CONTACT:** Roy Raider, Coordinator  
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WIT Program Proposal Number: NA-03-90

Federal Grant Identifier: NA-90-0128

