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: Mumbo 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**  
- Lincoln Hills RC&D Area  
- Courthouse Annex  
- 125 South 8th St.  
- Cannelton, IN 47250  
- **Phone:** 812-547-7028

**WIT Program Proposal Number: NA-03-90**  
**Federal Grant Identifier: NA-90-0128**

---

**Northeastern Area State and Private Forestry**  
**The National Wood In Transportation Program**

---

December 1999