Type: Bolted n-frame units
County: Allegany
Owner: Allegany County Department of Public Works
Built in: 1994
Fabricator: Unadilla Laminated Products
Engineer: Al Vanderpool, E&M Engineers
Spans over: Vandalmark Creek
Bridge length: 29'-0"
Roadway width: 26'-1 3/4"

Directions: From Alfred travel west on NY 244 to the intersection of NY 244 and Vandalmark Road (Five Corners). Turn left onto Vandalmark Road and travel 2.8 miles on Vandalmark Road to the bridge site.
### Geometry

- **Number of Spans:** 1
- **Out-to-out length:** 29'-0"
- **Center-of-bearing length:** 28'-6"
- **Skew:** 20 degrees
- **Number of lanes:** 2
- **Out-to-out width:** 27'-0"
- **Curb-to-curb width:** 26'-1 3/4"
- **Superstructure square footage:** 783

- **Design load:** AASHTO HS-25-44
- **Averaged daily traffic:** 1100
- **Design by:** E&M Engineering
- **Abutment material:** Steel
- **Total wood quantity:** 14,000 bf
- **Total project cost:** $110,283
- **Total superstructure cost:** $61,217
- **Total superstructure cost /sq. ft.:** $78.18

### Material

- **Deck**
  - Material: Wood
  - Grade: NELMA #2
  - Species: Red maple, hickory, beech
  - Drying method: Kiln
  - Preservative treatment: Penta

- **Beams/Stringers**
  - Material: Wood
  - Grade: NELMA #2
  - Species: Red maple, hickory, beech
  - Drying method: Kiln
  - Preservative treatment: Penta

- **Guiderail Posts**
  - Material: Wood
  - Grade: NELMA #2
  - Species: Red maple, hickory, beech
  - Drying method: Kiln
  - Preservative treatment: Penta

- **Guiderail Curb**
  - Material: Wood
  - Grade: NELMA #2
  - Species: Red maple
  - Preservative Treatment: Penta

- **Guiderail**
  - Material: Wood
  - Grade: NELMA #2
  - Species: Red maple
  - Preservative treatment: Penta

- **Bolted Connectors**
  - Material: Steel
  - Diameter: 3/4"
  - Coating: Galvanized

### Funding Sources:

- USDA Forest Service: $40,000; Balance of funding from Allegany County Department of Public Works

### Local Contact:

- Howard Schuster, Executive Director
- Seneca Trail RC&D Council, Inc.
- 2 Park Square
- Franklinville, NY 14737
- Phone: 716-676-5111

- Information provided by Allegany County Department of Public Works and derived from plans for Bridge 25-08 County Road 10, Town of Ward.

- WIT Program Proposal Number: NA-45-94
- Federal Grant Identifier: NA-94-0113

---

**Northeastern Area**

**State and Private Forestry**

**The National Wood In Transportation Program**

**December 1999**