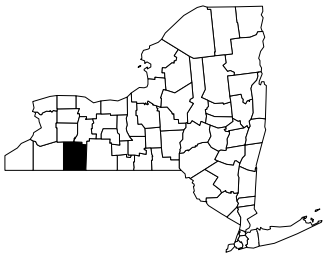
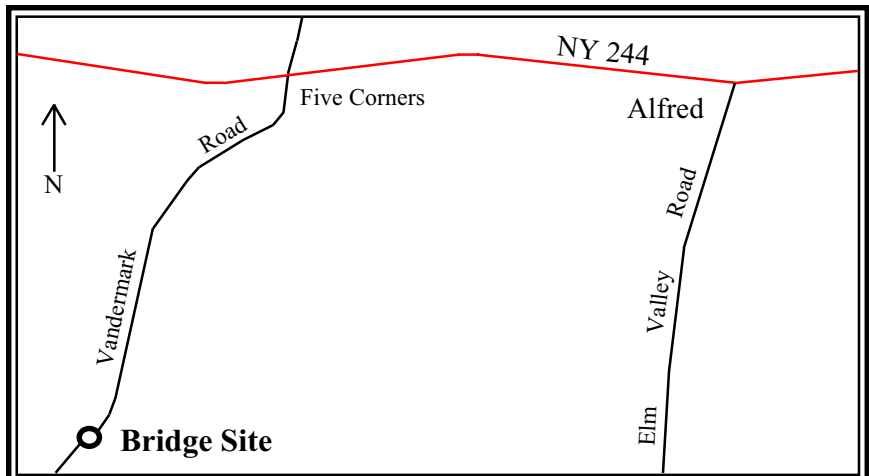


LOCAL BRIDGE NO. 25-8, Allegany County, New York



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: Vandermark 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 Vandermark Road (Five Corners). Turn left onto Vandermark Road and travel 2.8 miles on Vandermark 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

