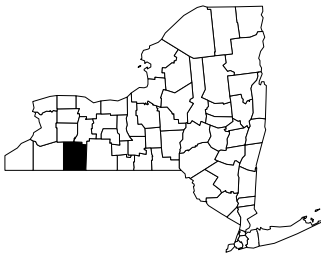
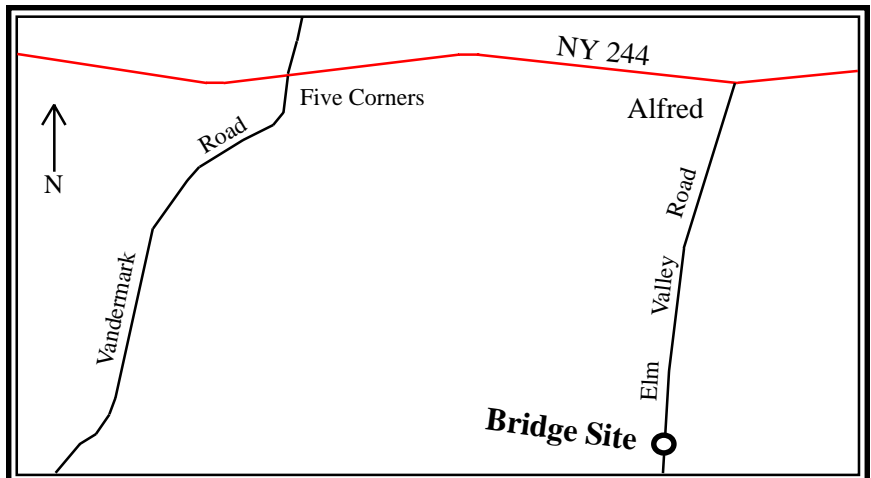


# LOCAL BRIDGE NO. 1-5, Allegany County, New York



**Type:** Steel girders w/transverse glulam deck  
**County:** Allegany  
**Owner:** Allegany County Department of Public Works  
**Built in:** 1991  
**Fabricator:** Donver, Inc.  
**Engineer:** Roy Pederson  
**Spans over:** Tributary of Elm Valley Creek  
**Bridge length:** 28'-6"  
**Roadway width:** 28'-1 3/4"

**Directions:** From Alfred and the intersection of NY 244 and Elm Valley Road (County Route 12) travel south on Elm Valley Road 5 miles to the bridge site. (The bridge site is 1.3 miles south of the intersection of Elm Valley Road and Lake Road.)



**GEOMETRY**

Number of Spans: 1  
 Out-to-out length: 29'-6"  
 Skew: 33 degrees  
 Number of lanes: 2  
 Out-to-out width: 28'-1 3/4"  
 Curb-to-curb width: 28'-1 3/4"  
 Superstructure square footage: 831

Design load: AASHTO HS-25-44  
 Averaged daily traffic: 1980  
 Abutment material: Wood

Total project cost: \$56,598  
 Total superstructure cost: \$38,338  
 Total superstructure cost /sq. ft.: \$46.13

**MATERIAL****DECK**

Material: Wood  
 Grade: NELMA #2  
 Species: Hickory, beech  
 Drying method: Kiln  
 Preservative treatment: Penta

**BEAMS/STRINGERS**

Material: Steel  
 Grade: ASTM A36  
 Preservative treatment: Galvanized

**GUIDERAIL POSTS**

Material: Steel  
 Grade: ASTM A32  
 Preservative treatment: Galvanized

**GUIDERAIL CURB (none)**

**GUIDERAIL**  
 Material: Steel

**STRESSING STEEL (none)**

**FUNDING SOURCES:** USDA Forest Service: \$19,000; 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 1-5 County Road 12, Town of Alfred.

WIT Program Proposal Number: NA-39b-91 Federal Grant Identifier: NA-91-0169

