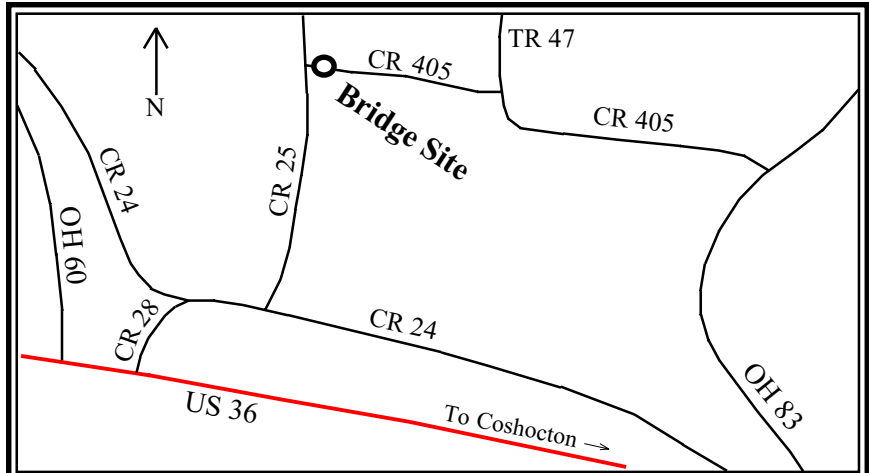


BRIDGE NO. 1, Coshocton County, Ohio



Type: Stress-laminated deck
County: Coshocton
Owner: Coshocton County
Built in: 1995
Fabricator: Burke-Parsons-Bowlby Corp.
Spans over: Bucklew Run
Bridge length: 22'-0"
Roadway width: 18'-0"

Directions: From Coshocton and the intersection of US 36 and OH 16 travel west 5.4 miles on US 36. Turn right at the intersection of US 36 and CR 28. Take CR 28 0.6 miles to the intersection of CR 28 and CR 24. Turn right onto CR 24 and travel 1.0 miles to the intersection of CR 24 and CR 25. Turn left onto CR 25 and travel 2.6 miles to the intersection of CR 25 and CR 405. Turn right onto CR 405. The bridge site is approximately 75 feet from the intersection of CR 405 and CR 25.



GEOMETRY

Number of Spans: 1
 Out-to-out length: 22'-0"
 Center-of-bearing length: 20'-0"
 Skew: 0 degrees
 Number of lanes: 2
 Out-to-out width: 20'-0"
 Curb-to-curb width: 18'-0"
 Number of beams and spacing: none
 Superstructure square footage: 440

Design load: AASHTO HS-20
 Averaged daily traffic: 50
 Design by: Barry Dickson
 Abutment material: Steel piling capped
 with concrete

Total project cost: \$46,534
 Total superstructure cost: \$20,052
 Total superstructure cost /sq. ft.: \$45.57

MATERIAL**DECK**

Material: Wood
 Grade: #1
 Species: Southern Pine
 Sizes used: 1 1/2" x 11 1/4" x 22'-0"
 Drying method: Kiln
 Preservative treatment: Creosote

BEAMS/STRINGERS (none)**GUIDERAIL POSTS**

Material: Wood
 Grade: #1
 Species: Southern Pine
 Drying method: Kiln
 Preservative treatment: Creosote

GUIDERAIL CURB

Material: Wood
 Grade: #2
 Species: Southern Pine
 Size: 6" x 12"
 Preservative Treatment: Creosote

GUIDERAIL

Material: Wood
 Grade: #2
 Species: Southern Pine
 Size: 6" x 12"
 Preservative treatment: Creosote

STRESSING STEEL

Grade: ASTM A108
 Manufacturer: Williams Farm Engineering
 Bar Diameter: 3/4"
 Coating: Epoxy
 Bearing plate size: 8" x 8"

FUNDING SOURCES: USDA Forest Service: \$18,350; Balance of funding from Coshocton County, Ohio.

LOCAL CONTACT: Frederick T. Wachtel, P.E., P.S.
 Coshocton County Engineer
 318 Main St.
 Coshocton, OH 43812
 Phone: 740-622-2135

Information provided by the Coshocton County Engineer.

WIT Program Proposal Number: NA-35-94

Federal Grant Identifier: NA-94-0110

