

ABOUT THE DUCKWALL BRIDGE REPLACEMENT PROJECT STATE PROJECT #S333-8-14.90 00

- The West Virginia Department of Transportation is seeking comments regarding the replacement of the Duckwall Bridge. Several alternatives were studied including a rehabilitation option.
- Preferred alternative 2 consists of replacing the bridge approximately 40 feet upstream of its current location while maintaining traffic on the existing bridge and approaches. This alternative proposes a 180-foot two-span bridge consisting of 90 feet each. The estimated cost is \$2,444,000 and a construction time of ten months.
- The project will relieve the current restrictions for weight and height on the existing bridge. The 2008 Average Daily Traffic is 350 vehicles per day and is projected to be 450 vehicles per day in 2028.
- The current Duckwall Bridge is located in Morgan County on Morgan County Route 8 over Sleepy creek, and is located approximately 0.16 of a mile south of its junction with CR 24. The bridge was built in 1912 by the Owego Bridge Company of Owego, New York and was re-erected at this location sometime later. The existing bridge consists of single simple steel pin connected thru truss span that consist of 7 panels at 18 feet 7.5 inches each. The overall length of the bridge is 133 feet 6 inches.

Alternative	Description	Bridge Length	Detour	Right of Way	Cost
#1	40 feet downstream.	145 Foot Single-Span	Existing Bridge	Moderate	\$2,539,000
#2 Preferred	40 feet upstream.	180 Foot Two-span	Existing Bridge	Minimal	\$2,444,000
#3	New bridge on its current location. Traffic would be detoured on existing roads.	140 Foot Single-Span	Existing Public Roads (detour length is 4 miles)	Minimal	\$2,268,000
#4	100 feet upstream	200 Foot Two- Span	Existing Bridge	Moderate	\$2,946,000
#5	Renovation of existing Would remain functionally obsolete and deemed to be “fracture critical”	133’-6”	Detour length is 4 miles	Minimal	\$2,522,000
#6	No-build alternative. Would result in closure of the bridge.	N/A	Detour length is 4 miles	N/A	N/A

Comments regarding the project may be mailed to the West Virginia Division of Highways at the address listed below on or before date June 24, 2011. Comments can also be submitted on the web under Comment on Projects at. www.transportation.wv.gov

Mr. Gregory L. Bailey, P.E.
Director, Engineering Division
West Virginia Division of Highways
Capitol Complex Building Five – Room 317
1900 Kanawha Boulevard East
Charleston, West Virginia 25305-0430

DATE: May 12, 2011

Mr. Gregory L. Bailey, P.E.
Director, Engineering Division
West Virginia Division of Highways
State Capitol Complex, Building 5 – Room 3
1900 Kanawha Boulevard East
Charleston, West Virginia 25305-0430

DATE:

LOCATION:

SUBJECT:

**PROJECT: Duckwall Bridge Replacement
Morgan County
State Project #S333-8-14.90 00**

COMMENTS DUE BY: June 24, 2011

Please consider the following comments:

(Please print the following information)

NAME:

ADDRESS:

ORGANIZATION (IF ANY):

LOCATION MAP

DUCKWALL BRIDGE

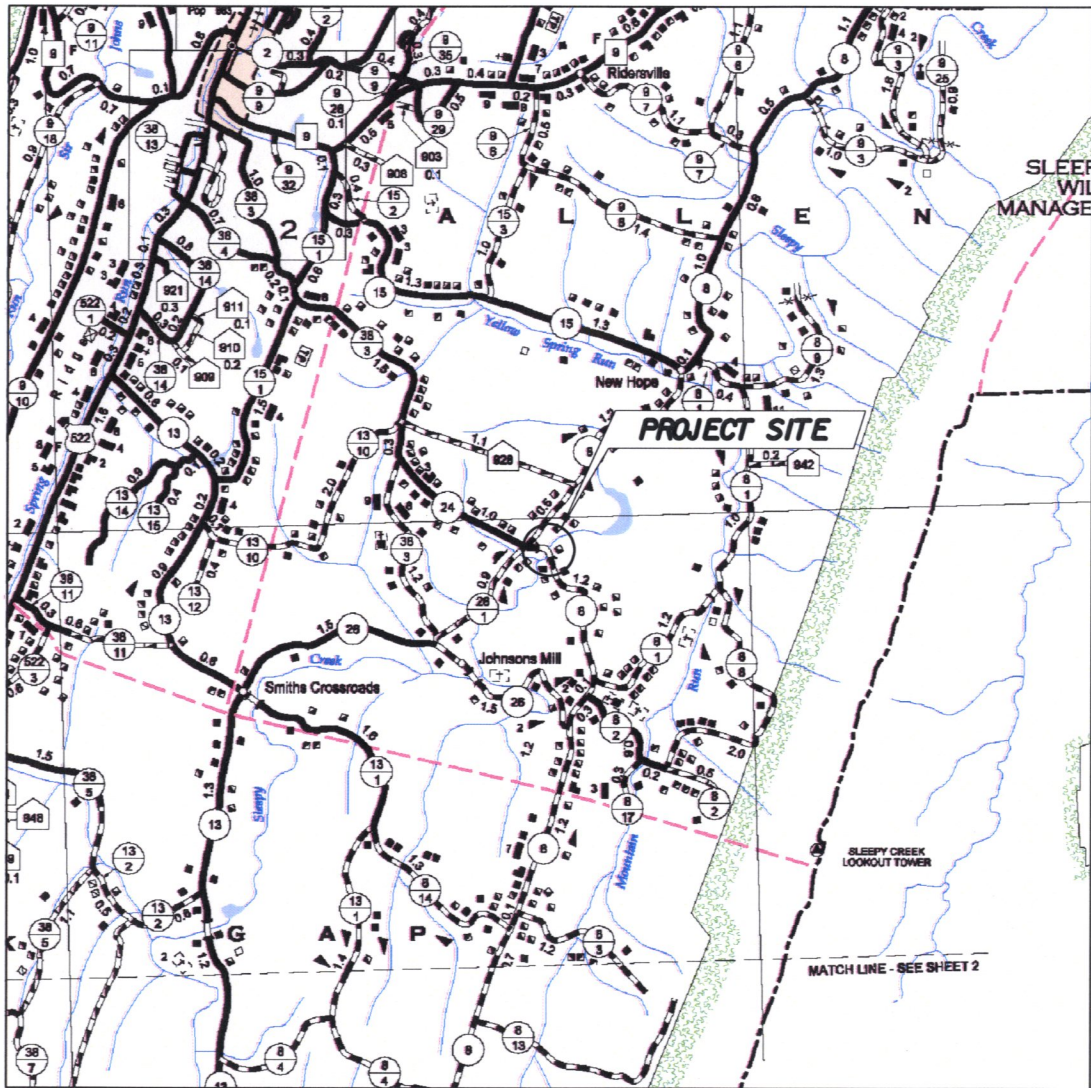
STATE PROJECT NO. S333-8-14.90

MORGAN COUNTY

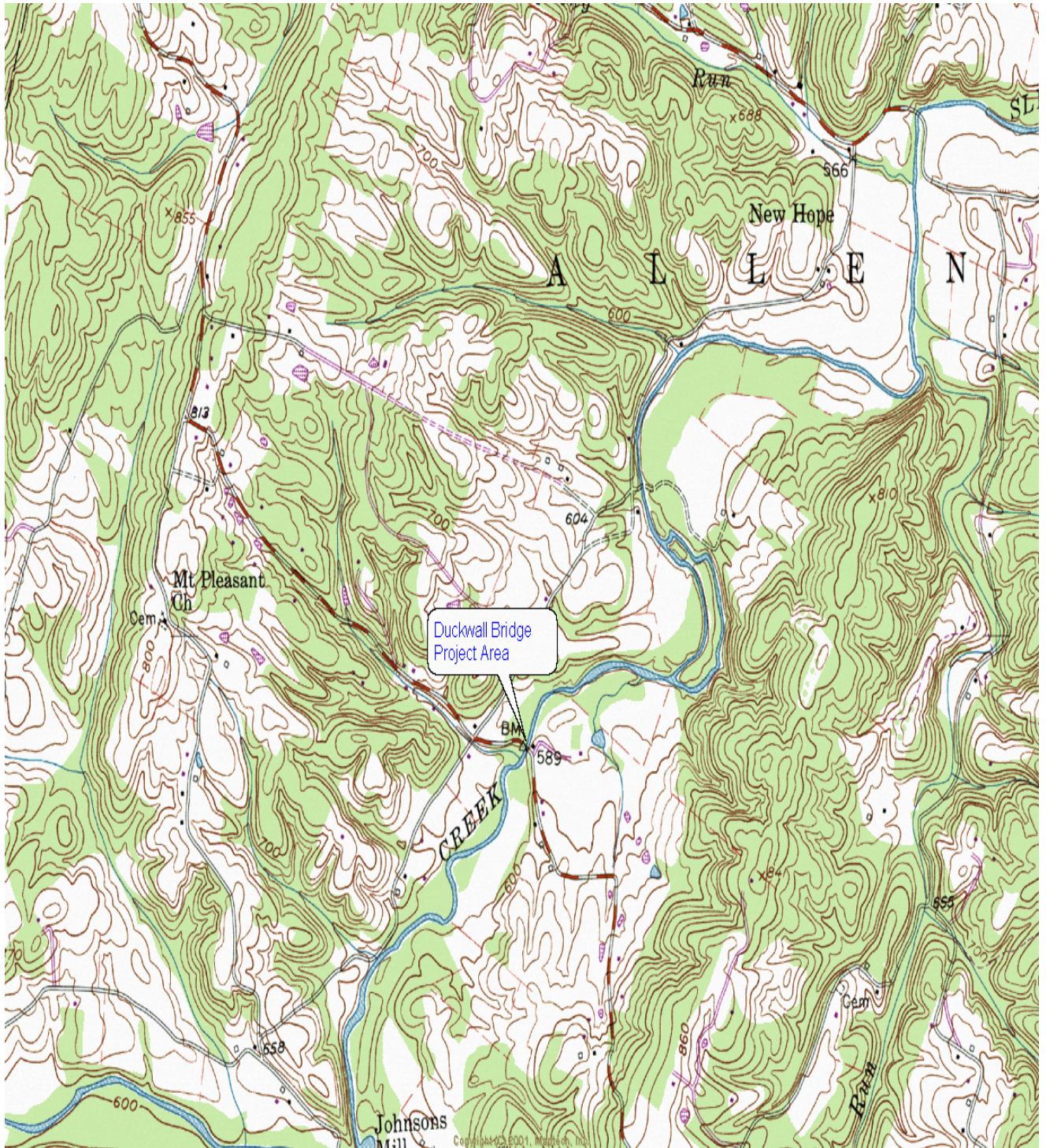


WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
ENGINEERING DIVISION

BRIDGE REPLACEMENT STUDY
DUCKWALL BRIDGE
STATE PROJECT NO. S333-8-14.90
MORGAN COUNTY



WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
ENGINEERING DIVISION
DECEMBER 2010



Quad: Stotlers Crossroads
Date: 3/14/2011
State Project: S333-8-14.90

Location: 17 0741306 E 43 84947 N
Caption: Duckwall Bridge
Morgan County