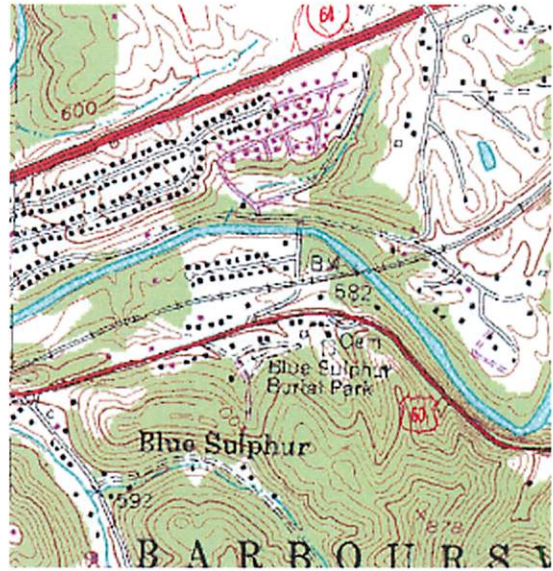


## Bridge Data Sheet

BRIDGE REPLACEMENT STUDY  
BLUE SULPHUR BRIDGE  
STATE PROJECT No. S206-17-4.98  
FEDERAL PROJECT No. BR-0017(051)E  
CABELL COUNTY

NAD 83 UTM 17  
4253208N  
391670E  
Milton Topo



The existing bridge was built in 1888, consists of two pins connected single span, with an overall length of 156 feet. The bridge was reinforced in 1954 and renovated in 1980 by the Department of Highways. The last renovation allows for the posted load limit of 15 tons.



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PURPOSE, SCOPE AND LOCATION:

This study has been prepared in order to determine the most suitable and economical location for the replacement of the existing bridge over Mud River, located on Cabell County Route 17, between County Route 17/5 and US Route 60, six miles west of Milton, W.Va.

EXISTING TYPICALS AND CONDITIONS:

The existing bridge was built in 1888, consists of two pins connected single span, with an overall length of 156 feet. The bridge was reinforced in 1954 and renovated in 1980 by the Department of Highways. The last renovation allows for the posted load limit of 15 tons.

Cabell County Route 17, in the vicinity of the existing bridge, is predominantly an 18 feet wide bituminous pavement with shoulders varying in width from 2 to 4 feet. The present grade on the roadway is approximately 1%. The north end of the bridge is a part of a three way stop T-Intersection. Turning left (West), onto County Route 17/5 leads to a residential subdivision that has no other access. Turning right (East), continues onto Cabell County Route 17 and crosses over Interstate 64.

Approximately 400 feet south of the bridge is a 60 feet long by 15 feet wide underpass with a 10 feet vertical clearance, which carries County Route 17 under the Chesapeake and Ohio Railway. This underpass flooded before the bridge deck as an area resident noted. This underpass does not fit for fire or ambulance truck. The high-water elevation for a 50 year flood is above the existing bridge deck.

A 2.5" medium pressure gasline, owned by Columbia Gas of West Virginia, Inc. is attached under the bridge.

The estimated average traffic on the bridge is 3,900 vehicles per day in the year 1997.







