

The National Bridge Inventory contains data submitted by state transportation departments to the Federal Highway Administration in coded format.
 Form Interface Design: www.historicbridges.org. Data Conversion Assistance By www.bridgehunter.com. None of the involved parties make any guarantee of accuracy.

Basic Information

Pennsylvania [42] Beaver County [007] Bridgewater [08632] OLD ROCHESTER-BRIDGEWATER 40-42-03 = 40.700833 080-17-31 = - 80.291944
 044042003000700 Highway agency district 11 Owner State Highway Agency [01] Maintenance responsibility State Highway Agency [01]
 Route 0 LR 76,STA.712+19 Toll On free road [3] Features intersected N & S RR BEAVER RIVER
 Design - main Steel [3] Design - approach Other [00] Kilometerpoint 50.4 km = 31.2 mi
 3 Truss - Thru [10] 0 Other [00] Year built 1933 Year reconstructed 1977
 Skew angle 5 Structure Flared
 Historical significance Bridge is not eligible for the NRHP. [5]
 Total length 197.5 m = 648.0 ft Length of maximum span 111.9 m = 367.1 ft Deck width, out-to-out 10.6 m = 34.8 ft Bridge roadway width, curb-to-curb 9.9 m = 32.5 ft
 Inventory Route, Total Horizontal Clearance 9.9 m = 32.5 ft Curb or sidewalk width - left 2.7 m = 8.9 ft Curb or sidewalk width - right 2.7 m = 8.9 ft
 Deck structure type Concrete Cast-in-Place [1]
 Type of wearing surface Monolithic Concrete (concurrently placed with structural deck) [1]
 Deck protection Polymer Impregnated [6]
 Type of membrane/wearing surface

Weight Limits

Bypass, detour length 0.6 km = 0.4 mi Method to determine inventory rating Load Factor(LF) [1] Inventory rating 30.8 metric ton = 33.9 tons
 Method to determine operating rating Load Factor(LF) [1] Operating rating 51.7 metric ton = 56.9 tons
 Bridge posting Equal to or above legal loads [5] Design Load M 13.5 / H 15 [2]

Functional Details

Average Daily Traffic Average daily truck traffi % Year Future average daily traffic Year

Road classification Lanes on structure Approach roadway width

Type of service on bridge Direction of traffic Bridge median

Parallel structure designation

Type of service under bridge Lanes under structure Navigation control

Navigation vertical clearanc Navigation horizontal clearance

Minimum navigation vertical clearance, vertical lift bridge Minimum vertical clearance over bridge roadway

Minimum lateral underclearance reference feature

Minimum lateral underclearance on right Minimum lateral underclearance on left

Minimum Vertical Underclearance Minimum vertical underclearance reference feature

Appraisal ratings - underclearances

Repair and Replacement Plans

Type of work to be performed

Work done by

Bridge improvement cost Roadway improvement cost

Length of structure improvement Total project cost

Year of improvement cost estimate

Border bridge - state Border bridge - percent responsibility of other state

Border bridge - structure number

Inspection and Sufficiency

Structure status	<input type="text" value="Open, no restriction [A]"/>	Appraisal ratings - structural	<input type="text" value="Somewhat better than minimum adequacy to tolerate being left in place as is [5]"/>
Condition ratings - superstructure	<input type="text" value="Fair [5]"/>	Appraisal ratings - roadway alignment	<input type="text" value="Equal to present desirable criteria [8]"/>
Condition ratings - substructure	<input type="text" value="Fair [5]"/>	Appraisal ratings - deck geometry	<input type="text" value="Meets minimum tolerable limits to be left in place as is [4]"/>
Condition ratings - deck	<input type="text" value="Satisfactory [6]"/>		
Scour	<input type="text" value="Bridge foundations determined to be stable for assessed or calculated scour condition. [5]"/>		
Channel and channel protection	<input type="text" value="Bank protection is being eroded. River control devices and/or embankment have major damage. Trees and rush restrict the channel. [5]"/>		
Appraisal ratings - water adequacy	<input type="text" value="Superior to present desirable criteria [9]"/>	Status evaluation	<input type="text" value="Functionally obsolete [2]"/>
Pier or abutment protection	<input type="text"/>	Sufficiency rating	<input type="text" value="72.1"/>
Culverts	<input type="text" value="Not applicable. Used if structure is not a culvert. [N]"/>		
Traffic safety features - railings	<input type="text"/>		
Traffic safety features - transitions	<input type="text"/>		
Traffic safety features - approach guardrail	<input type="text"/>		
Traffic safety features - approach guardrail ends	<input type="text"/>		
Inspection date	<input type="text" value="November 2008 [1108]"/>	Designated inspection frequency	<input type="text" value="24"/> Months
Underwater inspection	<input type="text" value="Every two years [Y24]"/>	Underwater inspection date	<input type="text" value="August 2009 [0809]"/>
Fracture critical inspection	<input type="text" value="Not needed [N]"/>	Fracture critical inspection date	<input type="text"/>
Other special inspection	<input type="text" value="Not needed [N]"/>	Other special inspection date	<input type="text"/>