

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]		Big Beaver [06240]		EAST OF BEAVER VAL INTG		40-48-42 = 40.811667		080-19-06 = - 80.318333	
047076990013210		Highway agency district 11		Owner State Toll Authority [31]		Maintenance responsibility		State Toll Authority [31]			
Route 76		PTC I-76;WB-211		Toll On toll road [2]		Features intersected SR 1001, BEAVER RIV, RR*					
Design - main Steel [3]		Design - approach Steel [3]		Kilometerpoint 0 km = 0.0 mi		Year built 1952		Year reconstructed 1988			
5		Truss - Deck [09]		2		Stringer/Multi-beam or girder [02]		Skew angle 0		Structure Flared	
								Historical significance Historical significance is not determinable at this time. [4]			
Total length 471.2 m = 1546.0 ft		Length of maximum span 125 m = 410.1 ft		Deck width, out-to-out 18.6 m = 61.0 ft		Bridge roadway width, curb-to-curb 17.1 m = 56.1 ft					
Inventory Route, Total Horizontal Clearance 8.2 m = 26.9 ft		Curb or sidewalk width - left 0.2 m = 0.7 ft		Curb or sidewalk width - right 0.2 m = 0.7 ft							
Deck structure type		Concrete Cast-in-Place [1]									
Type of wearing surface		Latex Concrete or similar additive [3]									
Deck protection		Epoxy Coated Reinforcing [1]									
Type of membrane/wearing surface											

Weight Limits

Bypass, detour length 3.4 km = 2.1 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

Other structural work, including hydraulic replacements. [38]

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 the assessed or calculated scour condition. [8]"/>		
Channel and channel protection	<input type="text" value="Banks are protected or well vegetated. River control devices such as spur dikes and embankment protection are not required or are in a stable condition. [8]"/>		
Appraisal ratings - water adequacy	<input type="text" value="Superior to present desirable criteria [9]"/>	Status evaluation	<input type="text"/>
Pier or abutment protection	<input type="text"/>	Sufficiency rating	<input type="text" value="64.3"/>
Culverts	<input type="text" value="Not applicable. Used if structure is not a culvert. [N]"/>		
Traffic safety features - railings	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>		
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="May 2009 [0509]"/>	Designated inspection frequency	<input type="text" value="24"/> Months
Underwater inspection	<input type="text" value="Not needed [N]"/>	Underwater inspection date	<input type="text"/>
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"/>