

The National Bridge Inventory contains data submitted by state transportation departments to the Federal Highway Administration in coded format.
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Basic Information

Pennsylvania [42]	Washington County [125]	North Charleroi [54888]	CHARLEROI-MONESSEN BRIDGE	40-09-04 = 40.151111	079-54-25 = - 79.906944
622018001000890	Highway agency district: 12	Owner State Highway Agency [01]	Maintenance responsibility State Highway Agency [01]		
Route 0	SR 2018	Toll On free road [3]	Features intersected BORO ST, 2 R/R, MON RIV		
Design - main Steel [3]	Design - approach Steel continuous [4]	Kilometerpoint 0 km = 0.0 mi	Year built 1906	Year reconstructed 1986	
3	Truss - Thru [10]	9	Stringer/Multi-beam or girder [02]	Skew angle 0	Structure Flared Yes, flared [1]
				Historical significance Bridge is on the NRHP. [1]	
Total length 551.7 m = 1810.1 ft	Length of maximum span 121.9 m = 400.0 ft	Deck width, out-to-out 6.9 m = 22.6 ft	Bridge roadway width, curb-to-curb 6.9 m = 22.6 ft		
Inventory Route, Total Horizontal Clearance 6.9 m = 22.6 ft	Curb or sidewalk width - left 2.8 m = 9.2 ft	Curb or sidewalk width - right 0 m = 0.0 ft			
Deck structure type	Open Grating [3]				
Type of wearing surface	Other [9]				
Deck protection					
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	50.8 metric ton = 55.9 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	Bridge closed to all traffic [K]	Appraisal ratings - structural	Basically intolerable requiring high priority of replacement [2]
Condition ratings - superstructure	Critical [2]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Fair [5]	Appraisal ratings - deck geometry	
Condition ratings - deck	Satisfactory [6]		
Scour	Bridge foundations determined to be stable for assessed or calculated scour condition. [5]		
Channel and channel protection	Bank is beginning to slump. River control devices and embankment protection have widespread minor damage. There is minor stream bed movement evident. Debris is restricting the channel slightly. [6]		
Appraisal ratings - water adequacy	Superior to present desirable criteria [9]	Status evaluation	Structurally deficient [1]
Pier or abutment protection	Navigation protection not required [1]	Sufficiency rating	5
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - transitions			
Traffic safety features - approach guardrail	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail ends	Inspected feature meets currently acceptable standards. [1]		
Inspection date	February 2009 [0209]	Designated inspection frequency	24 Months
Underwater inspection	Every two years [Y24]	Underwater inspection date	June 2004 [0604]
Fracture critical inspection	Not needed [N]	Fracture critical inspection date	
Other special inspection	Unknown [N00]	Other special inspection date	