HistoricBridges.org - National Bridge Inventory Data Sheet

2010 Inventory

The National Bridge Inventory contains data submitted by state transportion 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]	Westmoreland County [129]	North Huntingdon [55128	NORTH HUNTINGDON TOWNSHIP	40-20-39 = 40.344167	079-43-28 = -79.724444

640993008000730	Highway agency district 12	Owner	State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]

Route 993		SR 0993	Toll	On free road [3]	Features intersected BRUSH CREEK

Design - main	Steel [3]	Design - approach		Kilometerpoint	618 km = 383.2 mi
1	Truss - Thru [10]	0	Other [00]	Year built 1937	Year reconstructed N/A [0000]
				Skew angle 43	Structure Flared
				Historical significance	Bridge is not eligible for the NRHP. [5]

Total length	44.8 m = 147.0 ft	Length of maximum span	44.5 m = 146.0 ft	Deck width, out-to-out	15.8 m = 51.8 ft	Bridge roadway width, curb-to-curb	6.4 m = 21.0 ft
Inventory Route, Total Horizontal Clearance	6.4 m = 21.0 ft	Curb or sidewalk width - left	0 m = 0.0 ft	Curb or sidewalk width - right	1.7 m = 5.6 ft		

Deck structure type	Concrete Cast-in-Place [1]
Type of wearing surface	Bituminous [6]
Deck protection	
Type of membrane/wearing surface	

Weight Limits

Bypass, detour length	Method to determine inventory rating	Load Factor(LF) [1]	Inventory rating	0 metric ton = 0.0 tons	
0.6 km = 0.4 mi	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	0 metric ton = 0.0 tons	
	Bridge posting	Equal to or above legal loads [5]	Design Load	M 13.5 / H 15 [2]	

Functional Details

Average Daily Traffic	5734	Average daily truck traffi	7 %	Year	2009	Future average daily traffic	7245
Year	2008						
Road classification	Minor Arterial (Urban) [16]	Lanes on structure	2	Approach roadway width	12.8 m = 42.0 ft		
Type of service on bridge	Highway-pedestrian [5]	Direction of traffic	2 - way traffic [2]	Bridge median			
Parallel structure designation	No parallel structure exists. [N]						
Type of service under bridge	Waterway [5]	Lanes under structure	0	Navigation control			
Navigation vertical clearanc	0 = N/A	Navigation horizontal clearance	0 = N/A				
Minimum navigation vertical clearance, vertical lift bridge		Minimum vertical clearance over bridge roadway	4.22 m = 13.8 ft				
Minimum lateral underclearance reference feature	Feature not a highway or railroad [N]						
Minimum lateral underclearance on right	0 = N/A	Minimum lateral underclearance on left	0 = N/A				
Minimum Vertical Underclearance	0 = N/A	Minimum vertical underclearance reference feature	Feature not a highway or railroad [N]				
Appraisal ratings - underclearances	N/A [N]						

Repair and Replacement Plans

Type of work to be performed

Other structural work, including hydraulic replacements. [38]

Work done by	Work to be done by contract [1]		
Bridge improvement cost	0	Roadway improvement cost	0
Length of structure improvement	45.1 m = 148.0 ft	Total project cost	1000
Year of improvement cost estimate			
Border bridge - state		Border bridge - percent responsibility of other state	
Border bridge - structure number			

Inspection and Sufficiency

Structure status	Open, would be posted or closed except for temporary shoring [D]	Appraisal ratings - structural	Basically intolerable requiring high priority of replacement [2]
Condition ratings - superstructur	Critical [2]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Poor [4]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Critical [2]		
Scour	Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]		
Channel and channel protection	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	Basically intolerable requiring high priority of corrrective action [3]	Status evaluation	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	0
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings	Inpected feature meets currently acceptable standards. [1]		
Traffic safety features - transitions	Inpected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail			
Traffic safety features - approach guardrail ends	Inpected feature meets currently acceptable standards. [1]		
Inspection date	July 2009 [0709]	Designated inspection frequency	24 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Not needed [N]	Fracture critical inspection date	
Other special inspection	Unknown [Y06]	Other special inspection date	July 2005 [0705]

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2012 Inventory

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Basic Information

Pennsylvania [42]	Westmoreland County [129]	North Huntingdon [55128	NORTH HUNTINGDON TOWNSHIP	40-20-39 = 40.344167	079-43-28 = -79.724444

36352	Highway agency district	12	Owner	State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]

Route	993	SR 0993	Toll	On free road [3]	Features intersected	BRUSH CREEK

Design - main	Steel [3]	Design - approach		Kilometerpoint	618 km = 383.2 mi
1	Truss - Thru [10]	0	Other [00]	Year built	1937	Year reconstructed	2010
				Skew angle	43	Structure Flared	
				Historical significance	Bridge is not eligible for the NRHP. [5]		

Total length	44.8 m = 147.0 ft	Length of maximum span	44.5 m = 146.0 ft	Deck width, out-to-out	13.4 m = 44.0 ft	Bridge roadway width, curb-to-curb	12.4 m = 40.7 ft
Inventory Route, Total Horizontal Clearance	6.4 m = 21.0 ft	Curb or sidewalk width - left	0 m = 0.0 ft	Curb or sidewalk width - right	1.7 m = 5.6 ft		

Deck structure type	Concrete Cast-in-Place [1]
Type of wearing surface	Monolithic Concrete (concurrently placed with structural deck) [1]
Deck protection	Epoxy Coated Reinforcing [1]
Type of membrane/wearing surface	

Weight Limits

Bypass, detour length	Method to determine inventory rating	Load Factor(LF) [1]	Inventory rating	39 metric ton = 42.9 tons
0.6 km = 0.4 mi	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	65.3 metric ton = 71.8 tons
	Bridge posting	Equal to or above legal loads [5]	Design Load	

Functional Details

Average Daily Traffic	5673	Average daily truck traffi	7 %	Year	2012	Future average daily traffic	7132
Year	2032						
Road classification	Minor Arterial (Urban) [16]	Lanes on structure	2	Approach roadway width	12.8 m = 42.0 ft		
Type of service on bridge	Highway-pedestrian [5]	Direction of traffic	2 - way traffic [2]	Bridge median			
Parallel structure designation	No parallel structure exists. [N]						
Type of service under bridge	Waterway [5]	Lanes under structure	0	Navigation control			
Navigation vertical clearanc	0 = N/A	Navigation horizontal clearance	0 = N/A				
Minimum navigation vertical clearance, vertical lift bridge		Minimum vertical clearance over bridge roadway	4 m = 13.1 ft				
Minimum lateral underclearance reference feature	Feature not a highway or railroad [N]						
Minimum lateral underclearance on right	0 = N/A	Minimum lateral underclearance on left	0 = N/A				
Minimum Vertical Underclearance	0 = N/A	Minimum vertical underclearance reference feature	Feature not a highway or railroad [N]				
Appraisal ratings - underclearances	N/A [N]						

Repair and Replacement Plans

Type of work to be performed

Other structural work, including hydraulic replacements. [38]

Work done by	Work to be done by contract [1]		
Bridge improvement cost	0	Roadway improvement cost	0
Length of structure improvement	45 m = 147.6 ft	Total project cost	1000
Year of improvement cost estimate			
Border bridge - state		Border bridge - percent responsibility of other state	
Border bridge - structure number			

Inspection and Sufficiency

Structure status	Open, no restriction [A]	Appraisal ratings - structural	Better than present minimum criteria [7]
Condition ratings - superstructur	Very Good [8]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Good [7]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of corrrective action [3]
Condition ratings - deck	Very Good [8]		
Scour	Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]		
Channel and channel protection	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	Basically intolerable requiring high priority of corrrective action [3]	Status evaluation	
Pier or abutment protection		Sufficiency rating	81.2
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings	Inpected feature meets currently acceptable standards. [1]		
Traffic safety features - transitions			
Traffic safety features - approach guardrail			
Traffic safety features - approach guardrail ends			
Inspection date	July 2011 [0711]	Designated inspection frequency	24 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	October 2010 [1010]
Other special inspection	Not needed [N]	Other special inspection date	