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]	Washington County [125]	East Bethlehem [20808]	OLD RTE 88 THRU MILLSBORO	39-59-06 = 39.985000	079-59-48 = -79.996667

627101902300010	Highway agency district	12	Owner	Town or Township Highway Agency [03]	Maintenance responsibility	Town or Township Highway Agency [03]	
Route	0		MILL STREET OLD88	Toll	On free road [3]	Features intersected	NORFOLK SOUTHERN

Design - main	Steel [3]	Design - approach		Kilometerpoint	0 km = 0.0 mi		
1	Truss - Thru [10]	0	Other [00]	Year built	1908	Year reconstructed	N/A [0000]
				Skew angle	70	Structure Flared	
				Historical significance	Historical significance is not determinable at this time. [4]		

Total length	29.9 m = 98.1 ft	Length of maximum span	29.9 m = 98.1 ft	Deck width, out-to-out	7.3 m = 24.0 ft	Bridge roadway width, curb-to-curb	5.5 m = 18.0 ft
Inventory Route, Total Horizontal Clearance	5.5 m = 18.0 ft	Curb or sidewalk width - left	0 m = 0.0 ft	Curb or sidewalk width - right	1.4 m = 4.6 ft		

Deck structure type	Wood or Timber [8]
Type of wearing surface	Bituminous [6]
Deck protection	
Type of membrane/wearing surface	

Weight Limits

Bypass, detour length	Method to determine inventory rating	No rating analysis performed [5]	Inventory rating	0 metric ton = 0.0 tons	
0.3 km = 0.2 mi	Method to determine operating rating	No rating analysis performed [5]	Operating rating	0 metric ton = 0.0 tons	
	Bridge posting		Design Load		

Functional Details

Average Daily Traffic	500	Average daily truck traffi	1 %	Year	2002	Future average daily traffic	700
Year	2013						
Road classification	Local (Rural) [09]	Lanes on structure	2	Approach roadway width	4.9 m = 16.1 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	Railroad [2]	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	0 m = 0.0 ft	Minimum vertical clearance over bridge roadway	5.82 m = 19.1 ft				
Minimum lateral underclearance reference feature	Railroad beneath structure [R]						
Minimum lateral underclearance on right	0 = N/A	Minimum lateral underclearance on left	0 = N/A				
Minimum Vertical Underclearance		Minimum vertical underclearance reference feature	Railroad beneath structure [R]				
Appraisal ratings - underclearances	Unknown [*]						

Repair and Replacement Plans

Type of work to be performed

Replacement of bridge or other structure because of substandard load carrying capacity or substantial bridge roadway geometry. [31]

Work done by	Work to be done by contract [1]		
Bridge improvement cost	0	Roadway improvement cost	0
Length of structure improvement	37.5 m = 123.0 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	Bridge closed to all traffic [K]	Appraisal ratings - structural	
Condition ratings - superstructur	Imminent Failure [1]	Appraisal ratings - roadway alignment	Equal to present minimum criteria [6]
Condition ratings - substructure	Poor [4]	Appraisal ratings - deck geometry	
Condition ratings - deck	Critical [2]		
Scour	Bridge not over waterway. [N]		
Channel and channel protection	Not applicable. [N]		
Appraisal ratings - water adequacy	N/A [N]	Status evaluation	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	14
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings			
Traffic safety features - transitions			
Traffic safety features - approach guardrail			
Traffic safety features - approach guardrail ends			
Inspection date	October 2008 [1008]	Designated inspection frequency	12 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Not needed [N]	Fracture critical inspection date	
Other special inspection	Not needed [N]	Other special inspection date	