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]	Somerset County [111]	Somerset [71784]	0.5 MI S OF SOMERSET	39-59-27 = 39.990833	079-04-54 = -79.081667

553025001002440	Highway agency district: 9	Owner: Railroad [27]	Maintenance responsibility: Railroad [27]		
Route: 0		SR 3025	Toll: On free road [3]	Features intersected: CSX RAILROAD	

Design - main	Steel [3]	Design - approach		Kilometerpoint: 0 km = 0.0 mi	
1	Truss - Thru [10]	0	Other [00]	Year built: 1912	Year reconstructed: 1984
				Skew angle: 0	Structure Flared:
				Historical significance: Bridge is not eligible for the NRHP. [5]	

Total length: 45.1 m = 148.0 ft	Length of maximum span: 43.6 m = 143.1 ft	Deck width, out-to-out: 5.8 m = 19.0 ft	Bridge roadway width, curb-to-curb: 5.3 m = 17.4 ft				
Inventory Route, Total Horizontal Clearance: 5.3 m = 17.4 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: 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: Load Factor(LF) [1]		Inventory rating: 7.3 metric ton = 8.0 tons		
0.3 km = 0.2 mi	Method to determine operating rating: Load Factor(LF) [1]		Operating rating: 12.7 metric ton = 14.0 tons		
	Bridge posting:		Design Load: M 13.5 / H 15 [2]		

Functional Details

Average Daily Traffic	1632	Average daily truck traffi	3 %	Year	2007	Future average daily traffic	2851	Year	2024

Road classification	Collector (Urban) [17]	Lanes on structure	2	Approach roadway width	5.2 m = 17.1 ft
Type of service on bridge	Highway [1]	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	Not applicable, no waterway. [N]
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	4.42 m = 14.5 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	7.01 m = 23.0 ft	Minimum vertical underclearance reference feature	Railroad beneath structure [R]		
Appraisal ratings - underclearances	Basically intolerable requiring high priority of replacement [2]				

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	56 m = 183.7 ft	Total project cost	2000
Year of improvement cost estimate			
Border bridge - state		Border bridge - percent responsibility of other state	
Border bridge - structure number			

Inspection and Sufficiency

Structure status	Posted for load [P]	Appraisal ratings - structural	Basically intolerable requiring high priority of replacement [2]
Condition ratings - superstructur	Critical [2]	Appraisal ratings - roadway alignment	Basically intolerable requiring high priority of corrrective action [3]
Condition ratings - substructure	Serious [3]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Fair [5]		
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	7.2
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	July 2009 [0709]	Designated inspection frequency	12	Months	
Underwater inspection	Not needed [N]			Underwater inspection date	
Fracture critical inspection	Every year [Y12]			Fracture critical inspection date	July 2009 [0709]
Other special inspection	Not needed [N]			Other special inspection date	