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]	Murrysville [52432]	MUNICIPAL OF MURRYSVILLE	40-24-43 = 40.411944	079-37-38 = -79.627222

640022010008560	Highway agency district 12	Owner	State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]

Route 22	East [2]	SR 0022	Toll	On free road [3]	Features intersected COUNTY ROAD

Design - main	Concrete [1]	Design - approach		Kilometerpoint	662.6 km = 410.8 mi
1	Culvert [19]	0	Other [00]	Year built 1949	Year reconstructed N/A [0000]
				Skew angle 21	Structure Flared
				Historical significance	Bridge is not eligible for the NRHP. [5]

Total length	9.8 m = 32.2 ft	Length of maximum span	8.5 m = 27.9 ft	Deck width, out-to-out	0 m = 0.0 ft	Bridge roadway width, curb-to-curb	0 m = 0.0 ft
Inventory Route, Total Horizontal Clearance	16.2 m = 53.2 ft	Curb or sidewalk width - left	0 m = 0.0 ft	Curb or sidewalk width - right	0 m = 0.0 ft		

Deck structure type	Not applicable [N]
Type of wearing surface	Not applicable (applies only to structures with no deck) [N]
Deck protection	Not applicable (applies only to structures with no deck) [N]
Type of membrane/wearing surface	Not applicable (applies only to structures with no deck) [N]

Weight Limits

Bypass, detour length	Method to determine inventory rating	No rating analysis performed [5]	Inventory rating	44.5 metric ton = 49.0 tons	
2.9 km = 1.8 mi	Method to determine operating rating	No rating analysis performed [5]	Operating rating	75.3 metric ton = 82.8 tons	
	Bridge posting	Equal to or above legal loads [5]	Design Load	M 13.5 / H 15 [2]	

Functional Details

Average Daily Traffic	12089	Average daily truck traffi	6 %	Year	2009	Future average daily traffic	36102
Year	2013						
Road classification	Other Principal Arterial (Urban) [14]	Lanes on structure	3	Approach roadway width	16.2 m = 53.2 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	Highway, with or without ped	Lanes under structure	2	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	99.99 m = 328.1 ft				
Minimum lateral underclearance reference feature	Highway beneath structure [H]						
Minimum lateral underclearance on right	1.5 m = 4.9 ft	Minimum lateral underclearance on left	0 = N/A				
Minimum Vertical Underclearance	3.25 m = 10.7 ft	Minimum vertical underclearance reference feature	Highway beneath structure [H]				
Appraisal ratings - underclearances	Basically intolerable requiring high priority of corrrective action [3]						

Repair and Replacement Plans

Type of work to be performed

Work done by

Bridge improvement cost	0	Roadway improvement cost	0
Length of structure improvement	0 m = 0.0 ft	Total project cost	0
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	Equal to present minimum criteria [6]
Condition ratings - superstructur	Not Applicable [N]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Not Applicable [N]	Appraisal ratings - deck geometry	N/A [N]
Condition ratings - deck	Not Applicable [N]		
Scour	Bridge not over waterway. [N]		
Channel and channel protection	Not applicable. [N]		
Appraisal ratings - water adequacy	N/A [N]	Status evaluation	Functionally obsolete [2]
Pier or abutment protection		Sufficiency rating	66
Culverts	Deterioration or initial disintegration, minor chloride contamination, cracking with some leaching, or spalls on concrete or masonry walls and slabs. Local minor scouring at curtain walls, wingwalls or pipes. Metal culverts have a smooth curvature, non-symmetrical shape, significant corrosion or moderate pitting. [6]		
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	Inpected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail ends	Inpected feature meets currently acceptable standards. [1]		
Inspection date	April 2009 [0409]	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	Not needed [N]	Other special inspection date	