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]	Finleyville [25944]	FINLEYVILLE BOROUGH	40-15-01 = 40.250278	080-00-12 = -80.003333

620088076000000	Highway agency district: 12	Owner: State Highway Agency [01]	Maintenance responsibility: State Highway Agency [01]		
Route: 88		SR 0088	Toll: On free road [3]	Features intersected: PETERS CREEK	

Design - main: Steel [3]		Design - approach:		Kilometerpoint: 5473.9 km = 3393.8 mi	
1	Girder and floorbeam system [03]	0	Other [00]	Year built: 1916	Year reconstructed: 1995
				Skew angle: 0	Structure Flared:
				Historical significance: Bridge is not eligible for the NRHP. [5]	

Total length: 19.8 m = 65.0 ft	Length of maximum span: 19.2 m = 63.0 ft	Deck width, out-to-out: 7.4 m = 24.3 ft	Bridge roadway width, curb-to-curb: 6.7 m = 22.0 ft		
Inventory Route, Total Horizontal Clearance: 6.7 m = 22.0 ft	Curb or sidewalk width - left: 0 m = 0.0 ft	Curb or sidewalk width - right: 0 m = 0.0 ft			
Deck structure type: Closed Grating [4]					
Type of wearing surface: Monolithic Concrete (concurrently placed with structural deck) [1]					
Deck protection:					
Type of membrane/wearing surface:					

Weight Limits

Bypass, detour length: 1.3 km = 0.8 mi	Method to determine inventory rating: Allowable Stress(AS) [2]		Inventory rating: 40.8 metric ton = 44.9 tons		
	Method to determine operating rating: Allowable Stress(AS) [2]		Operating rating: 61.7 metric ton = 67.9 tons		
	Bridge posting: Equal to or above legal loads [5]		Design Load: M 13.5 / H 15 [2]		

Functional Details

Average Daily Traffic	5847	Average daily truck traffi	7 %	Year	2010	Future average daily traffic	8066
Year	2009						
Road classification	Other Principal Arterial (Urban) [14]	Lanes on structure	2	Approach roadway width	5.5 m = 18.0 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	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	99.99 m = 328.1 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

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	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - superstructur	Poor [4]	Appraisal ratings - roadway alignment	Equal to present minimum criteria [6]
Condition ratings - substructure	Fair [5]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Fair [5]		

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	Somewhat better than minimum adequacy to tolerate being left in place as is [5]	Status evaluation	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	43.8

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	September 2009 [0909]	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	