HistoricBridges.org - National Bridge Inventory Data Sheet

2009 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]	Venango County [121]	Oilcreek [56480]	ON DRAKE WELL PARK ROAD	41-36-54 = 41.615000	079-39-27 = -79.657500

601011001014800	Highway agency district: 1	Owner: State Highway Agency [01]	Maintenance responsibility: State Highway Agency [01]		
Route: 0		SR 1011,DRAKE WELL	Toll: On free road [3]	Features intersected: OVER OIL CREEK	

Design - main: Steel [3]		Design - approach:		Kilometerpoint: 0 km = 0.0 mi	
1	Stringer/Multi-beam or girder [02]	0	Other [00]	Year built: 1999	Year reconstructed: N/A [0000]
				Skew angle: 0	Structure Flared:
				Historical significance: Historical significance is not determinable at this time. [4]	

Total length: 42.7 m = 140.1 ft	Length of maximum span: 41.1 m = 134.8 ft	Deck width, out-to-out: 4.3 m = 14.1 ft	Bridge roadway width, curb-to-curb: 3.5 m = 11.5 ft
Inventory Route, Total Horizontal Clearance: 3.5 m = 11.5 ft	Curb or sidewalk width - left: 0 m = 0.0 ft	Curb or sidewalk width - right: 1.8 m = 5.9 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: 19.9 km = 12.3 mi	Method to determine inventory rating: Load Factor(LF) [1]		Inventory rating: 48.1 metric ton = 52.9 tons		
	Method to determine operating rating: Load Factor(LF) [1]		Operating rating: 80.7 metric ton = 88.8 tons		
	Bridge posting: Equal to or above legal loads [5]		Design Load: M 13.5 / H 15 [2]		

Functional Details

Average Daily Traffic	795	Average daily truck traffi	5 %	Year	2008	Future average daily traffic	1207	Year	2025

Road classification	Collector (Urban) [17]	Lanes on structure	2	Approach roadway width	10.1 m = 33.1 ft
Type of service on bridge	Highway [1]	Direction of traffic	One lane bridge for 2 - way traffic [3]	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	0 m = 0.0 ft	Minimum vertical clearance over bridge roadway	5 m = 16.4 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	Better than present minimum criteria [7]
Condition ratings - superstructur	Very Good [8]	Appraisal ratings - roadway alignment	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - substructure	Good [7]	Appraisal ratings - deck geometry	N/A [N]
Condition ratings - deck	Very Good [8]		

Scour	Countermeasures have been installed to mitigate an existing problem with scour. [7]
Channel and channel protection	Banks are protected or well vegetated. River control devices such as spur dikes and embankment protection are not required or are in a stable condition. [8]

Appraisal ratings - water adequacy	Superior to present desirable criteria [9]	Status evaluation	
Pier or abutment protection		Sufficiency rating	68.7

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	Inpected feature meets currently acceptable standards. [1]
Traffic safety features - approach guardrail ends	Inpected feature meets currently acceptable standards. [1]

Inspection date	June 2009 [0609]	Designated inspection frequency	24	Months

Underwater inspection	Every two years [Y24]	Underwater inspection date	June 2003 [0603]
Fracture critical inspection	Not needed [N]	Fracture critical inspection date	
Other special inspection	Not needed [N]	Other special inspection date	