HistoricBridges.org - National Bridge Inventory Data Sheet

2003 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]	Crawford County [039]	Woodcock [86168]	.1 MI.S.SR 1002 ON T-737	41-44-48 = 41.746667	080-04-42 = -80.078333

207235073730450	Highway agency district: 1	Owner: County Highway Agency [02]	Maintenance responsibility: County Highway Agency [02]		
Route: 0		T-737,AMY ROAD	Toll: On free road [3]	Features intersected: OVER GRAVEL RUN	

Design - main	Steel [3]	Design - approach		Kilometerpoint	0 km = 0.0 mi
1	Truss - Thru [10]	0	Other [00]	Year built: 1920	Year reconstructed: 1997
				Skew angle: 0	Structure Flared:
				Historical significance	Bridge is not eligible for the NRHP. [5]

Total length	13.1 m = 43.0 ft	Length of maximum span	13.1 m = 43.0 ft	Deck width, out-to-out	4.9 m = 16.1 ft	Bridge roadway width, curb-to-curb	4.5 m = 14.8 ft
Inventory Route, Total Horizontal Clearance	4.5 m = 14.8 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	Wood or Timber [7]
Deck protection	
Type of membrane/wearing surface	

Weight Limits

Bypass, detour length	Method to determine inventory rating	Load Factor(LF) [1]	Inventory rating	18 metric ton = 19.8 tons	
0.5 km = 0.3 mi	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	27.9 metric ton = 30.7 tons	
	Bridge posting	20.0 - 29.9 % below [2]	Design Load		

Functional Details

Average Daily Traffic	50	Average daily truck traffi	0 %	Year	2002	Future average daily traffic	70
Year	2022						
Road classification	Local (Rural) [09]	Lanes on structure	1	Approach roadway width	4.6 m = 15.1 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	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	99.99 m = 328.1 ft				
Minimum lateral underclearance reference feature	Feature not a highway or railroad [N]						
Minimum lateral underclearance on right	99.9 = Unlimited	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

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	174000	Roadway improvement cost	264000
Length of structure improvement	177.4 m = 582.0 ft	Total project cost	597000
Year of improvement cost estimate	2002		
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 corrrective action [3]
Condition ratings - superstructur	Serious [3]	Appraisal ratings - roadway alignment	Better than present minimum criteria [7]
Condition ratings - substructure	Fair [5]	Appraisal ratings - deck geometry	Equal to present minimum criteria [6]
Condition ratings - deck	Satisfactory [6]		

Scour	Scour calculation/evaluation has not been made. [6]
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	Equal to present desirable criteria [8]	Status evaluation	
Pier or abutment protection		Sufficiency rating	28.4

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	December 2002 [1202]	Designated inspection frequency	24	Months

Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	December 2002 [1202]
Other special inspection	Not needed [N]	Other special inspection date	