

The National Bridge Inventory contains data submitted by state transportation 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]		McKean County [083]		Ceres [12408]	1000 FT NE OF SR 44		41-58-45.83 = 41.979397	078-13-40.79 = -78.227997
25554		Highway agency district: 2		Owner	Town or Township Highway Agency [03]		Maintenance responsibility Town or Township Highway Agency [03]	
Route	0	T-437 DELMAR ROAD		Toll	On free road [3]		Features intersected OSWAYO CREEK	
Design - main	Steel [3]		Design - approach			Kilometerpoint	0 km = 0.0 mi	
	1 Truss - Thru [10]			0 Other [00]		Year built	1908	Year reconstructed
				Skew angle	0		Structure Flared	
				Historical significance		Bridge is not eligible for the NRHP. [5]		
Total length	27.1 m = 88.9 ft		Length of maximum span	26.5 m = 86.9 ft		Deck width, out-to-out	4.3 m = 14.1 ft	
Inventory Route, Total Horizontal Clearance		4.2 m = 13.8 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	Bituminous [6]							
Deck protection								
Type of membrane/wearing surface								

Weight Limits

Bypass, detour length	Method to determine inventory rating		Inventory rating	0 metric ton = 0.0 tons
0.6 km = 0.4 mi	Method to determine operating rating		Operating rating	0 metric ton = 0.0 tons
	Bridge posting		Design Load	MS 18 / HS 20 [5]

Functional Details

Average Daily Traffic	0	Average daily truck traffi	%	Year	2018	Future average daily traffic	0	Year	2038
Road classification	Local (Rural) [09]	Lanes on structure	1	Approach roadway width	3.7 m = 12.1 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	3.51 m = 11.5 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	Work to be done by contract [1]					
Replacement of bridge or other structure because of substandard load carrying capacity or substantial bridge roadway geometry. [31]	Bridge improvement cost	46000	Roadway improvement cost	155000			
	Length of structure improvement	28 m = 91.9 ft	Total project cost	618000			
	Year of improvement cost estimate						
	Border bridge - state		Border bridge - percent responsibility of other state				
	Border bridge - structure number						

Inspection and Sufficiency

Structure status	Bridge closed to all traffic [K]	Appraisal ratings - structural	
Condition ratings - superstructure	Imminent Failure [1]	Appraisal ratings - roadway alignment	Better than present minimum criteria [7]
Condition ratings - substructure	Poor [4]	Appraisal ratings - deck geometry	
Condition ratings - deck	Satisfactory [6]		

Scour	Bridge is scour critical; bridge foundations determined to be unstable. [3]
-------	---

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 minimum criteria [6]	Status evaluation	Structurally deficient [1]
------------------------------------	---------------------------------------	-------------------	----------------------------

Pier or abutment protection		Sufficiency rating	20
-----------------------------	--	--------------------	----

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	August 2018 [0818]	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	