

The National Bridge Inventory contains data submitted by state transportation departments to the Federal Highway Administration in coded format.
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Basic Information

Pennsylvania [42]		Cameron County [023]		Grove [31632]	SINNEMAHONING	41-19-08.65 = 41.319069	078-05-01.58 = -78.083772
8920	Highway agency district: 2	Owner	State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]		
Route 0	SR 2001	Toll	On free road [3]	Features intersected	SINNEMAHONING CREEK		
Design - main	Steel [3]	Design - approach		Kilometerpoint	1582.1 km = 980.9 mi		
2	Truss - Thru [10]	0	Other [00]	Year built	1938	Year reconstructed	2009
				Skew angle	0	Structure Flared	
				Historical significance	Bridge is not eligible for the NRHP. [5]		
Total length	126.5 m = 415.0 ft	Length of maximum span	62.8 m = 206.0 ft	Deck width, out-to-out	6.2 m = 20.3 ft	Bridge roadway width, curb-to-curb	6.1 m = 20.0 ft
Inventory Route, Total Horizontal Clearance	6.1 m = 20.0 ft	Curb or sidewalk width - left	0.1 m = 0.3 ft	Curb or sidewalk width - right	0.1 m = 0.3 ft		
Deck structure type	Open Grating [3]						
Type of wearing surface							
Deck protection							
Type of membrane/wearing surface							

Weight Limits

Bypass, detour length	Method to determine inventory rating	Load Factor(LF) [1]	Inventory rating	34.5 metric ton = 38.0 tons
8 km = 5.0 mi	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	58.1 metric ton = 63.9 tons
Bridge posting	Equal to or above legal loads [5]		Design Load	M 18 / H 20 [4]

Functional Details

Average Daily Traffic	354	Average daily truck traffi	3	%	Year	2018	Future average daily traffic	468	Year	2038
Road classification	Major Collector (Rural) [07]		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	0 m = 0.0 ft			Minimum vertical clearance over bridge roadway	4.72 m = 15.5 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 owner's forces [2]								
Bridge rehabilitation because of general structure deterioration or inadequate strength. [35]	Bridge improvement cost	63000	Roadway improvement cost	250000						
	Length of structure improvement	126 m = 413.4 ft		Total project cost	851000					
	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 - superstructure	Satisfactory [6]	Appraisal ratings - roadway alignment	Equal to present minimum criteria [6]
Condition ratings - substructure	Poor [4]	Appraisal ratings - deck geometry	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - deck	Satisfactory [6]		
Scour	Bridge foundations determined to be stable for assessed or calculated scour conditions; field review indicates action is required. [4]		
Channel and channel protection	Bank and embankment protection is severely undermined. River control devices have severe damage. Large deposits of debris are in the channel. [4]		
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	44.9
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	Inspected feature meets currently acceptable standards. [1]		
Inspection date	March 2018 [0318]	Designated inspection frequency	24 Months
Underwater inspection	Every two years [Y24]	Underwater inspection date	April 2018 [0418]
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	June 2018 [0618]
Other special inspection	Every year [Y12]	Other special inspection date	June 2018 [0618]