

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]		Lancaster County [071]		East Earl [21072]		0.3 MI NORTH OF SR 897		40-08-24 = 40.140000		076-02-54 = - 76.048333	
367213090903410		Highway agency district: 8		Owner County Highway Agency [02]		Maintenance responsibility		County Highway Agency [02]			
Route 0		LINDEN RD		Toll On free road [3]		Features intersected CONESTOGA RIVER					
Design - main Concrete [1]		Design - approach		Kilometerpoint 0 km = 0.0 mi		Year built 1922		Year reconstructed N/A [0000]			
2 Other [00]		0 Other [00]		Skew angle 0		Structure Flared		Historical significance Bridge is not eligible for the NRHP. [5]			
Total length 33.2 m = 108.9 ft		Length of maximum span 16.5 m = 54.1 ft		Deck width, out-to-out 7.3 m = 24.0 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 m = 0.0 ft		Curb or sidewalk width - right 0 m = 0.0 ft							
Deck structure type		Concrete Cast-in-Place [1]									
Type of wearing surface		Bituminous [6]									
Deck protection											
Type of membrane/wearing surface											

Weight Limits

Bypass, detour length 0.1 km = 0.1 mi		Method to determine inventory rating		No rating analysis performed [5]		Inventory rating		14.5 metric ton = 16.0 tons	
		Method to determine operating rating		No rating analysis performed [5]		Operating rating		24.5 metric ton = 27.0 tons	
Bridge posting		30.0 - 39.9 % below [1]		Design Load		M 13.5 / H 15 [2]			

Functional Details

Average Daily Traffic Average daily truck traffi % Year Future average daily traffic Year

Road classification Lanes on structure Approach roadway width

Type of service on bridge Direction of traffic Bridge median

Parallel structure designation

Type of service under bridge Lanes under structure Navigation control

Navigation vertical clearanc Navigation horizontal clearance

Minimum navigation vertical clearance, vertical lift bridge Minimum vertical clearance over bridge roadway

Minimum lateral underclearance reference feature

Minimum lateral underclearance on right Minimum lateral underclearance on left

Minimum Vertical Underclearance Minimum vertical underclearance reference feature

Appraisal ratings - underclearances

Repair and Replacement Plans

Type of work to be performed

Work done by

Bridge improvement cost Roadway improvement cost

Length of structure improvement Total project cost

Year of improvement cost estimate

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	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - superstructure	Poor [4]	Appraisal ratings - roadway alignment	Better than present minimum criteria [7]
Condition ratings - substructure	Poor [4]	Appraisal ratings - deck geometry	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - deck	Poor [4]		
Scour	Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]		
Channel and channel protection	Bank is beginning to slump. River control devices and embankment protection have widespread minor damage. There is minor stream bed movement evident. Debris is restricting the channel slightly. [6]		
Appraisal ratings - water adequacy	Better than present minimum criteria [7]	Status evaluation	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	29.8
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	July 2008 [0708]	Designated inspection frequency	24 Months
Underwater inspection	Every two years [Y24]	Underwater inspection date	July 2008 [0708]
Fracture critical inspection	Not needed [N]	Fracture critical inspection date	
Other special inspection	Every two years [Y24]	Other special inspection date	July 2009 [0709]