

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]		Warren County [123]		Southwest [72600]		SOUTHWEST TOWNSHIP		41-41-42 = 41.695000		079-34-18 = -79.571667	
617219030440010		Highway agency district 1		Owner Town or Township Highway Agency [03]		Maintenance responsibility		Town or Township Highway Agency [03]			
Route 7219		T-304,FLAT ROAD		Toll On free road [3]		Features intersected OVER W.BR.OF CALDWELL					
Design - main Steel [3]		Design - approach		Kilometerpoint 0 km = 0.0 mi		Year built 1925		Year reconstructed 1950			
1 Truss - Thru [10]		0 Other [00]		Skew angle 30		Structure Flared					
				Historical significance Historical significance is not determinable at this time. [4]							
Total length 16.5 m = 54.1 ft		Length of maximum span 15.8 m = 51.8 ft		Deck width, out-to-out 3.6 m = 11.8 ft		Bridge roadway width, curb-to-curb 3.6 m = 11.8 ft					
Inventory Route, Total Horizontal Clearance 3.6 m = 11.8 ft		Curb or sidewalk width - left 0 m = 0.0 ft		Curb or sidewalk width - right 0 m = 0.0 ft							
Deck structure type		Wood or Timber [8]									
Type of wearing surface											
Deck protection											
Type of membrane/wearing surface											

Weight Limits

Bypass, detour length 1.1 km = 0.7 mi		Method to determine inventory rating		No rating analysis performed [5]		Inventory rating		0 metric ton = 0.0 tons			
		Method to determine operating rating		No rating analysis performed [5]		Operating rating		0 metric ton = 0.0 tons			
Bridge posting						Design Load					

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

Bridge closed to all traffic [K]

Appraisal ratings - structural

Condition ratings - superstructure

Imminent Failure [1]

Appraisal ratings - roadway alignment

Condition ratings - substructure

Poor [4]

Appraisal ratings - deck geometry

Condition ratings - deck

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 protection has failed. River control devices have been destroyed. Stream bed aggradation, degradation or lateral movement has changed the channel to now threaten the bridge and/or approach roadway. [3]

Appraisal ratings - water adequacy

Equal to present minimum criteria [6]

Status evaluation

Structurally deficient [1]

Pier or abutment protection

Sufficiency rating

16.1

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

October 2009 [1009]

Designated inspection frequency

24

Months

Underwater inspection

Not needed [N]

Underwater inspection date

Fracture critical inspection

Every two years [Y24]

Fracture critical inspection date

October 2009 [1009]

Other special inspection

Not needed [N]

Other special inspection date

Somewhat better than minimum adequacy to tolerate being left in place as is [5]

Basically intolerable requiring high priority of corrective action [3]

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]	Warren County [123]	Southwest [72600]	SOUTHWEST TOWNSHIP	41-41-42 = 41.695000	079-34-18 = - 79.571667
34274	Highway agency district 1	Owner Town or Township Highway Agency [03]	Maintenance responsibility	Town or Township Highway Agency [03]	
Route 7219	T-304,FLAT ROAD	Toll On free road [3]	Features intersected	OVER W.BR.OF CALDWELL	
Design - main 1	Prestressed concrete [5] Box Beam or girders - Single or Spread [06]	Design - approach 0	Other [00]	Kilometerpoint 0 km = 0.0 mi	Year built 2010
				Year reconstructed N/A [0000]	Skew angle 30
				Structure Flared	Historical significance is not determinable at this time. [4]
Total length 21 m = 68.9 ft	Length of maximum span 19.8 m = 65.0 ft	Deck width, out-to-out 5.6 m = 18.4 ft	Bridge roadway width, curb-to-curb 4.6 m = 15.1 ft		
Inventory Route, Total Horizontal Clearance 4.6 m = 15.1 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	Monolithic Concrete (concurrently placed with structural deck) [1]				
Deck protection	Epoxy Coated Reinforcing [1]				
Type of membrane/wearing surface					

Weight Limits

Bypass, detour length 1.1 km = 0.7 mi	Method to determine inventory rating Unknown [8]	Inventory rating 39.5 metric ton = 43.5 tons
	Method to determine operating rating Unknown [8]	Operating rating 65.4 metric ton = 71.9 tons
Bridge posting Equal to or above legal loads [5]	Design Load Unknown [A]	

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	<input type="text" value="Open, no restriction [A]"/>	Appraisal ratings - structural	<input type="text" value="Equal to present desirable criteria [8]"/>
Condition ratings - superstructure	<input type="text" value="Very Good [8]"/>	Appraisal ratings - roadway alignment	<input type="text" value="Better than present minimum criteria [7]"/>
Condition ratings - substructure	<input type="text" value="Very Good [8]"/>	Appraisal ratings - deck geometry	<input type="text" value="Better than present minimum criteria [7]"/>
Condition ratings - deck	<input type="text" value="Very Good [8]"/>		
Scour	<input type="text" value="Countermeasures have been installed to mitigate an existing problem with scour. [7]"/>		
Channel and channel protection	<input type="text" value="Bank protection is in need of minor repairs. River control devices and embankment protection have a little minor damage. Banks and/or channel have minor amounts of drift. [7]"/>		
Appraisal ratings - water adequacy	<input type="text" value="Equal to present minimum criteria [6]"/>	Status evaluation	<input type="text"/>
Pier or abutment protection	<input type="text"/>	Sufficiency rating	<input type="text" value="88.7"/>
Culverts	<input type="text" value="Not applicable. Used if structure is not a culvert. [N]"/>		
Traffic safety features - railings	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>		
Traffic safety features - transitions	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>		
Traffic safety features - approach guardrail	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>		
Traffic safety features - approach guardrail ends	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>		
Inspection date	<input type="text" value="October 2010 [1010]"/>	Designated inspection frequency	<input type="text" value="24"/> Months
Underwater inspection	<input type="text" value="Not needed [N]"/>	Underwater inspection date	<input type="text"/>
Fracture critical inspection	<input type="text" value="Not needed [N]"/>	Fracture critical inspection date	<input type="text"/>
Other special inspection	<input type="text" value="Not needed [N]"/>	Other special inspection date	<input type="text"/>