

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]		Washington County [125]		Speers [72736]		BELLE VERNON BRIDGE		40-07-29 = 40.124722		079-52-47 = - 79.879722	
620070040014150		Highway agency district: 12		Owner State Highway Agency [01]		Maintenance responsibility		State Highway Agency [01]			
Route 70	East [2]	SR 0070		Toll	On free road [3]		Features intersected 0088, 0906, 2 R/R, MON				
Design - main	Steel continuous [4]		Design - approach	Steel continuous [4]		Kilometerpoint 6442.4 km = 3994.3 mi		Year built 1951		Year reconstructed 1993	
	3 Truss - Thru [10]			9 Girder and floorbeam system [03]		Skew angle 8		Structure Flared		Yes, flared [1]	
Historical significance						Bridge is not eligible for the NRHP. [5]					
Total length 629.7 m = 2066.0 ft		Length of maximum span 137.2 m = 450.2 ft		Deck width, out-to-out 17.4 m = 57.1 ft		Bridge roadway width, curb-to-curb 16.2 m = 53.2 ft					
Inventory Route, Total Horizontal Clearance 7.9 m = 25.9 ft		Curb or sidewalk width - left 0 m = 0.0 ft		Curb or sidewalk width - right 1.7 m = 5.6 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	Method to determine inventory rating	Load Factor(LF) [1]	Inventory rating	32.7 metric ton = 36.0 tons
19.9 km = 12.3 mi	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	54.4 metric ton = 59.8 tons
Bridge posting	Equal to or above legal loads [5]		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	Open, no restriction [A]	Appraisal ratings - structural	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - superstructure	Fair [5]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Fair [5]	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 the assessed or calculated scour condition. [8]		
Channel and channel protection	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	Superior to present desirable criteria [9]	Status evaluation	Functionally obsolete [2]
Pier or abutment protection		Sufficiency rating	41
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	September 2007 [0907]	Designated inspection frequency	24 Months
Underwater inspection	Unknown [Y60]	Underwater inspection date	November 2008 [1108]
Fracture critical inspection	Not needed [N]	Fracture critical inspection date	
Other special inspection	Not needed [N]	Other special inspection date	