

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]		Allegheny County [003]		Harmar [32624]		HARMAR OVER BARGE BASIN		40-31-56 = 40.532222		079-50-49 = - 79.846944	
021001021016950		Highway agency district 11		Owner State Highway Agency [01]		Maintenance responsibility		State Highway Agency [01]			
Route 0		FREEPORT RD		Toll On free road [3]		Features intersected BARGE BASIN					
Design - main Steel [3]		Design - approach		Kilometerpoint 1242.9 km = 770.6 mi		Year built 1928		Year reconstructed N/A [0000]			
1 Girder and floorbeam system [03]		0 Other [00]		Skew angle 12		Structure Flared					
				Historical significance Bridge is not eligible for the NRHP. [5]							
Total length 25.6 m = 84.0 ft		Length of maximum span 25 m = 82.0 ft		Deck width, out-to-out 15.4 m = 50.5 ft		Bridge roadway width, curb-to-curb 11.6 m = 38.1 ft					
Inventory Route, Total Horizontal Clearance 11.6 m = 38.1 ft		Curb or sidewalk width - left 2.6 m = 8.5 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 1.1 km = 0.7 mi		Method to determine inventory rating Load Factor(LF) [1]		Inventory rating 40.8 metric ton = 44.9 tons	
		Method to determine operating rating Load Factor(LF) [1]		Operating rating 68 metric ton = 74.8 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	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - superstructure	Fair [5]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Poor [4]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Poor [4]		
Scour	Bridge foundations determined to be stable for assessed or calculated scour conditions; field review indicates action is required. [4]		
Channel and channel protection	Banks are protected or well vegetated. River control devices such as spur dikes and embankment protection are not required or are in a stable condition. [8]		
Appraisal ratings - water adequacy	Superior to present desirable criteria [9]	Status evaluation	Structurally deficient [1]
Pier or abutment protection	None present but re-evaluation suggested [5]	Sufficiency rating	37.3
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings	<input type="text"/>		
Traffic safety features - transitions	<input type="text"/>		
Traffic safety features - approach guardrail	<input type="text"/>		
Traffic safety features - approach guardrail ends	<input type="text"/>		
Inspection date	May 2008 [0508]	Designated inspection frequency	24 Months
Underwater inspection	Every two years [Y24]	Underwater inspection date	May 2008 [0508]
Fracture critical inspection	Not needed [N]	Fracture critical inspection date	<input type="text"/>
Other special inspection	Not needed [N]	Other special inspection date	<input type="text"/>