

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]		Chester County [029]		East Marlborough [21480]		E.MARLBORO TWP. 47B03		39-51-31 = 39.858611		075-43-55 = - 75.731944	
157015040200650		Highway agency district 6		Owner County Highway Agency [02]		Maintenance responsibility		County Highway Agency [02]			
Route 0		MILL ROAD(T402)		Toll On free road [3]		Features intersected WEST BR RED CLAY CREEK					
Design - main Steel [3]		Design - approach		Kilometerpoint 0 km = 0.0 mi		Year built 1889		Year reconstructed 1992			
1 Stringer/Multi-beam or girder [02]		0 Other [00]		Skew angle 17		Structure Flared					
				Historical significance Historical significance is not determinable at this time. [4]							
Total length 18.3 m = 60.0 ft		Length of maximum span 18.3 m = 60.0 ft		Deck width, out-to-out 5 m = 16.4 ft		Bridge roadway width, curb-to-curb 4 m = 13.1 ft					
Inventory Route, Total Horizontal Clearance 4 m = 13.1 ft		Curb or sidewalk width - left 0 m = 0.0 ft		Curb or sidewalk width - right 0 m = 0.0 ft							
Deck structure type		Open Grating [3]									
Type of wearing surface		Wood or Timber [7]									
Deck protection											
Type of membrane/wearing surface											

Weight Limits

Bypass, detour length		Method to determine inventory rating		Load Factor(LF) [1]		Inventory rating		43.5 metric ton = 47.9 tons			
1 km = 0.6 mi		Method to determine operating rating		Load Factor(LF) [1]		Operating rating		73.5 metric ton = 80.9 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	Posted for load [P]	Appraisal ratings - structural	Equal to present minimum criteria [6]
Condition ratings - superstructure	Satisfactory [6]	Appraisal ratings - roadway alignment	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - substructure	Good [7]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Satisfactory [6]		
Scour	Countermeasures have been installed to mitigate an existing problem with scour. [7]		
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	Equal to present desirable criteria [8]	Status evaluation	Functionally obsolete [2]
Pier or abutment protection		Sufficiency rating	77.7
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings			
Traffic safety features - transitions			
Traffic safety features - approach guardrail	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail ends	Inspected feature meets currently acceptable standards. [1]		
Inspection date	July 2008 [0708]	Designated inspection frequency	24 Months
Underwater inspection	Every two years [Y24]	Underwater inspection date	July 2006 [0706]
Fracture critical inspection	Unknown [N00]	Fracture critical inspection date	
Other special inspection	Every two years [Y24]	Other special inspection date	July 2009 [0709]