

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] Lawrence County [073] Mahoning [46648] SR 0224 O/MAHONING RIVER 41-01-04 = 41.017778 080-26-26 = - 80.440556  
 370224009023440 Highway agency district 11 Owner Railroad [27] Maintenance responsibility Railroad [27]  
 Route 224 YOUNGSTOWN-POLAND Toll On free road [3] Features intersected CSX RR , MAHONING RIVER  
 Design - main Steel [3] Design - approach Steel [3] Kilometerpoint 672.9 km = 417.2 mi  
 1 Truss - Thru [10] 3 Girder and floorbeam system [03] Year built 1936 Year reconstructed N/A [0000]  
 Skew angle 0 Structure Flared  
 Historical significance Bridge is not eligible for the NRHP. [5]  
 Total length 146.3 m = 480.0 ft Length of maximum span 82.3 m = 270.0 ft Deck width, out-to-out 10.8 m = 35.4 ft Bridge roadway width, curb-to-curb 10.4 m = 34.1 ft  
 Inventory Route, Total Horizontal Clearance 10.4 m = 34.1 ft Curb or sidewalk width - left 0 m = 0.0 ft Curb or sidewalk width - right 1.6 m = 5.2 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 22.7 metric ton = 25.0 tons  
 Method to determine operating rating Load Factor(LF) [1] Operating rating 38.1 metric ton = 41.9 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	<input type="text" value="Open, no restriction [A]"/>	Appraisal ratings - structural	<input type="text" value="Basically intolerable requiring high priority of corrective action [3]"/>
Condition ratings - superstructure	<input type="text" value="Poor [4]"/>	Appraisal ratings - roadway alignment	<input type="text" value="Equal to present desirable criteria [8]"/>
Condition ratings - substructure	<input type="text" value="Serious [3]"/>	Appraisal ratings - deck geometry	<input type="text" value="Meets minimum tolerable limits to be left in place as is [4]"/>
Condition ratings - deck	<input type="text" value="Serious [3]"/>		
Scour	<input type="text" value="Bridge foundations determined to be stable for assessed or calculated scour conditions; field review indicates action is required. [4]"/>		
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="Superior to present desirable criteria [9]"/>	Status evaluation	<input type="text" value="Structurally deficient [1]"/>
Pier or abutment protection	<input type="text"/>	Sufficiency rating	<input type="text" value="22.2"/>
Culverts	<input type="text" value="Not applicable. Used if structure is not a culvert. [N]"/>		
Traffic safety features - railings	<input type="text"/>		
Traffic safety features - transitions	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>		
Traffic safety features - approach guardrail	<input type="text"/>		
Traffic safety features - approach guardrail ends	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>		
Inspection date	<input type="text" value="May 2009 [0509]"/>	Designated inspection frequency	<input type="text" value="12"/> 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"/>