

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**

Ohio [39]    Columbiana County [029]    Unity [78890]    0.4 MI S T882    40-53-24 = 40.890000    080-33-12 = - 80.553333

1537881    Highway agency district 11    Owner County Highway Agency [02]    Maintenance responsibility County Highway Agency [02]

Route #Num!    WATERFORD RD 942    Toll On free road [3]    Features intersected BEAVER CREEK

Design - main Steel [3]    Design - approach    Kilometerpoint 0 km = 0.0 mi

1    Truss - Thru [10]    0    Other [00]    Year built 1920    Year reconstructed 1970

Skew angle 35    Structure Flared

Historical significance Bridge is not eligible for the NRHP. [5]

Total length 10.7 m = 35.1 ft    Length of maximum span 10.1 m = 33.1 ft    Deck width, out-to-out 4.1 m = 13.5 ft    Bridge roadway width, curb-to-curb 3.8 m = 12.5 ft

Inventory Route, Total Horizontal Clearance 3.8 m = 12.5 ft    Curb or sidewalk width - left 0 m = 0.0 ft    Curb or sidewalk width - right 0 m = 0.0 ft

Deck structure type Corrugated Steel [6]

Type of wearing surface Integral Concrete (separate non-modified layer of concrete added to structural deck) [2]

Deck protection

Type of membrane/wearing surface

**Weight Limits**

Bypass, detour length 0.5 km = 0.3 mi    Method to determine inventory rating No rating analysis performed [5]    Inventory rating 1.9 metric ton = 2.1 tons

Method to determine operating rating No rating analysis performed [5]    Operating rating 2.6 metric ton = 2.9 tons

Bridge posting    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	Basically intolerable requiring high priority of replacement [2]
Condition ratings - superstructure	Poor [4]	Appraisal ratings - roadway alignment	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - substructure	Fair [5]	Appraisal ratings - deck geometry	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - deck	Poor [4]		
Scour	Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]		
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	Equal to present desirable criteria [8]	Status evaluation	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	18.6
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - transitions	Not applicable or a safety feature is not required. [N]		
Traffic safety features - approach guardrail	Not applicable or a safety feature is not required. [N]		
Traffic safety features - approach guardrail ends	Not applicable or a safety feature is not required. [N]		
Inspection date	August 2010 [0810]	Designated inspection frequency	12 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	August 2010 [0810]
Other special inspection	Not needed [N]	Other special inspection date	