

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

Missouri [29] Saline County [195] Marshall [46334] S 1 T 49 N R 21 W 39-03-25 = 39.056944 093-10-10 = - 93.169444

17412 Highway agency district 2 Owner County Highway Agency [02] Maintenance responsibility County Highway Agency [02]

Route 151 COUNTY RD 214 Toll On free road [3] Features intersected DICKS BR

Design - main Steel [3] Design - approach Steel [3] Kilometerpoint 241.4 km = 149.7 mi

1 Truss - Thru [10] 2 Stringer/Multi-beam or girder [02] Year built #Num! Year reconstructed 1958

Skew angle 0 Structure Flared

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

Total length 14.3 m = 46.9 ft Length of maximum span 9.1 m = 29.9 ft Deck width, out-to-out 3.8 m = 12.5 ft Bridge roadway width, curb-to-curb 3.3 m = 10.8 ft

Inventory Route, Total Horizontal Clearance 3.3 m = 10.8 ft Curb or sidewalk width - left 0 m = 0.0 ft Curb or sidewalk width - right 0 m = 0.0 ft

Deck structure type Wood or Timber [8]

Type of wearing surface Wood or Timber [7]

Deck protection

Type of membrane/wearing surface

Weight Limits

Bypass, detour length 0.8 km = 0.5 mi Method to determine inventory rating Allowable Stress(AS) [2] Inventory rating 7.2 metric ton = 7.9 tons

Method to determine operating rating Allowable Stress(AS) [2] Operating rating 11.7 metric ton = 12.9 tons

Bridge posting Design Load

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	Satisfactory [6]	Appraisal ratings - roadway alignment	Equal to present minimum criteria [6]
Condition ratings - substructure	Satisfactory [6]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Good [7]		
Scour	Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]		
Channel and channel protection	Bank protection is being eroded. River control devices and/or embankment have major damage. Trees and rush restrict the channel. [5]		
Appraisal ratings - water adequacy	Somewhat better than minimum adequacy to tolerate being left in place as is [5]	Status evaluation	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	34.8
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings			
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	February 2008 [0208]	Designated inspection frequency	24 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	February 2008 [0208]
Other special inspection	Not needed [N]	Other special inspection date	