

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

Missouri [29]	Jackson County [095]	Sugar Creek [71368]	S 12 T 50 N R 32 W	39-10-04.33 = 39.167869	094-23-41.61 = -94.394892
6353	Highway agency district: 3	Owner State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]	
Route 291	MO 291 N	Toll On free road [3]	Features intersected	MISSOURI RVR	
Design - main 2	Steel continuous [4] Truss - Thru [10]	Design - approach 6	Steel continuous [4] Truss - Deck [09]	Kilometerpoint 5852.4 km = 3628.5 mi	Year built 1949 Year reconstructed 2002
				Skew angle 0	Structure Flared
				Historical significance Bridge is not eligible for the NRHP. [5]	
Total length	574.2 m = 1884.0 ft	Length of maximum span	140.3 m = 460.3 ft	Deck width, out-to-out	8.1 m = 26.6 ft
Inventory Route, Total Horizontal Clearance	7.3 m = 24.0 ft	Curb or sidewalk width - left	0 m = 0.0 ft	Curb or sidewalk width - right	0 m = 0.0 ft
Deck structure type	Concrete Cast-in-Place [1]				
Type of wearing surface					
Deck protection					
Type of membrane/wearing surface					

Weight Limits

Bypass, detour length 0.2 km = 0.1 mi	Method to determine inventory rating	Load Factor(LF) [1]	Inventory rating	24.3 metric ton = 26.7 tons
	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	39.6 metric ton = 43.6 tons
Bridge posting	Equal to or above legal loads [5]		Design Load	M 18 / H 20 [4]

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	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - superstructure	Fair [5]	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 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	In place and functioning [2]	Sufficiency rating	55.7
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	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail ends			
Inspection date	May 2013 [0513]	Designated inspection frequency	24 Months
Underwater inspection	Unknown [Y60]	Underwater inspection date	June 2010 [0610]
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	May 2013 [0513]
Other special inspection	Every two years [Y24]	Other special inspection date	May 2013 [0513]