

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

Iowa [19]	Tama County [171]	Unknown [00000]	85161102	42-10-54 = 42.181667	092-41-21 = - 92.689167
320050	Highway agency district 0	Owner County Highway Agency [02]	Maintenance responsibility	County Highway Agency [02]	
Route 0	LOCAL	Toll On free road [3]	Features intersected	WOLF CREEK	
Design - main Steel [3]	Design - approach	Kilometerpoint 0 km = 0.0 mi	Year built 1895	Year reconstructed 1980	
1 Truss - Thru [10]	0 Other [00]	Skew angle 0	Structure Flared	Historical significance Bridge is possibly eligible for the NRHP. [3]	
Total length 36.6 m = 120.1 ft	Length of maximum span 36.3 m = 119.1 ft	Deck width, out-to-out 4.9 m = 16.1 ft	Bridge roadway width, curb-to-curb 4.8 m = 15.7 ft	Inventory Route, Total Horizontal Clearance 4.8 m = 15.7 ft	
Deck structure type	Wood or Timber [8]	Curb or sidewalk width - left 0 m = 0.0 ft	Curb or sidewalk width - right 0 m = 0.0 ft	Type of wearing surface Bituminous [6]	
Type of membrane/wearing surface					
Deck protection					
Type of membrane/wearing surface					

Weight Limits

Bypass, detour length 0.5 km = 0.3 mi	Method to determine inventory rating	Allowable Stress(AS) [2]	Inventory rating	0 metric ton = 0.0 tons
	Method to determine operating rating	Allowable Stress(AS) [2]	Operating rating	0 metric ton = 0.0 tons
Bridge posting		Design Load		

Functional Details

Average Daily Traffic	45	Average daily truck traffi	0	%	Year	2009	Future average daily traffic	65	Year	2031
Road classification	Local (Rural) [09]		Lanes on structure	1		Approach roadway width	6.7 m = 22.0 ft			
Type of service on bridge	Highway [1]		Direction of traffic	One lane bridge for 2 - way traffic [3]		Bridge median				
Parallel structure designation	No parallel structure exists. [N]									
Type of service under bridge	Waterway [5]		Lanes under structure	0		Navigation control				
Navigation vertical clearanc	0 = N/A		Navigation horizontal clearance	0 = N/A						
Minimum navigation vertical clearance, vertical lift bridge	0 m = 0.0 ft				Minimum vertical clearance over bridge roadway	3.66 m = 12.0 ft				
Minimum lateral underclearance reference feature	Feature not a highway or railroad [N]									
Minimum lateral underclearance on right	0 = N/A				Minimum lateral underclearance on left	0 = N/A				
Minimum Vertical Underclearance	0 = N/A		Minimum vertical underclearance reference feature	Feature not a highway or railroad [N]						
Appraisal ratings - underclearances	N/A [N]									

Repair and Replacement Plans

Type of work to be performed	Work done by	Work to be done by contract [1]								
Replacement of bridge or other structure because of substandard load carrying capacity or substantial bridge roadway geometry. [31]	Bridge improvement cost	405000	Roadway improvement cost	40000						
	Length of structure improvement	150 m = 492.2 ft		Total project cost						
	Year of improvement cost estimate	2006								
	Border bridge - state				Border bridge - percent responsibility of other state					
	Border bridge - structure number									

Inspection and Sufficiency

Structure status

Bridge closed to all traffic [K]

Appraisal ratings -
structural

Condition ratings - superstructure

Serious [3]

Appraisal ratings -
roadway alignment

Condition ratings - substructure

Critical [2]

Appraisal ratings -
deck geometry

Condition ratings - deck

Poor [4]

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

16.9

Culverts

Not applicable. Used if structure is not a culvert. [N]

Traffic safety features - railings

Traffic safety features - transitions

Traffic safety features - approach guardrail

Traffic safety features - approach guardrail ends

Inspection date

October 2011 [1011]

Designated inspection frequency

12

Months

Underwater inspection

Not needed [N]

Underwater inspection date

Fracture critical inspection

Not needed [N]

Fracture critical inspection date

Other special inspection

Not needed [N]

Other special inspection date

Better than present minimum criteria [7]