

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

Kansas [20]	Wyandotte County [209]	Kansas City [36000]	0.33 MI W MISSOURI ST LN	39-06-48.00 = 39.113333	094-36-50.00 = -94.613889
999907001050301	Highway agency district: 13	Owner State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]	
Route 70	I-70 WB HIGHWAY	Toll On free road [3]	Features intersected KANSAS RIVER,3 RR,5 ST		
Design - main Steel [3]	Design - approach Steel continuous [4]	Kilometerpoint 69939.5 km = 43362.5 mi	Year built 1963	Year reconstructed 1984	
2	Truss - Deck [09]	39	Stringer/Multi-beam or girder [02]	Skew angle 0	Structure Flared
			Historical significance Bridge is not eligible for the NRHP. [5]		
Total length 929.3 m = 3049.0 ft	Length of maximum span 92.7 m = 304.1 ft	Deck width, out-to-out 14.5 m = 47.6 ft	Bridge roadway width, curb-to-curb 12.8 m = 42.0 ft		
Inventory Route, Total Horizontal Clearance 12.8 m = 42.0 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	Low slump Concrete [4]				
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	25.4 metric ton = 27.9 tons
	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	42.6 metric ton = 46.9 tons
Bridge posting	Equal to or above legal loads [5]		Design Load	MS 18+Mod / HS 20+Mod [6]

Functional Details

Average Daily Traffic	21750	Average daily truck traffi	15	%	Year	2014	Future average daily traffic	30470	Year	2034
Road classification	Principal Arterial - Interstate (Urban) [11]			Lanes on structure	3	Approach roadway width	12.8 m = 42.0 ft			
Type of service on bridge	Highway [1]		Direction of traffic	1 - way traffic [1]		Bridge median				
Parallel structure designation	The left structure of parallel bridges. This structure carries traffic in the opposite direction. [L]									
Type of service under bridge	Highway-waterway-railroad [8]		Lanes under structure	6	Navigation control	Navigation control on waterway (bridge permit required). [1]				
Navigation vertical clearanc	8.8 m = 28.9 ft			Navigation horizontal clearance	85.9 m = 281.8 ft					
Minimum navigation vertical clearance, vertical lift bridge				Minimum vertical clearance over bridge roadway	99.99 m = 328.1 ft					
Minimum lateral underclearance reference feature	Highway beneath structure [H]									
Minimum lateral underclearance on right	0.3 m = 1.0 ft				Minimum lateral underclearance on left	0 = N/A				
Minimum Vertical Underclearance	7.65 m = 25.1 ft			Minimum vertical underclearance reference feature	Highway beneath structure [H]					
Appraisal ratings - underclearances	Basically intolerable requiring high priority of corrective action [3]									

Repair and Replacement Plans

Type of work to be performed	Work done by	Work to be done by contract [1]								
Bridge deck replacement with only incidental widening. [37]	Bridge improvement cost	2945000	Roadway improvement cost	295000						
	Length of structure improvement	929.3 m = 3049.0 ft		Total project cost	4418000					
	Year of improvement cost estimate	2015								
	Border bridge - state				Border bridge - percent responsibility of other state					
	Border bridge - structure number									

Inspection and Sufficiency

Structure status	Posted for other load-capacity restriction [R]	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	Better than present minimum criteria [7]
Condition ratings - substructure	Satisfactory [6]	Appraisal ratings - deck geometry	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - deck	Satisfactory [6]		
Scour	Bridge foundations determined to be stable for assessed or calculated scour condition. [5]		
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	Better than present minimum criteria [7]	Status evaluation	Functionally obsolete [2]
Pier or abutment protection	Navigation protection not required [1]	Sufficiency rating	54.3
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			
Traffic safety features - approach guardrail			
Traffic safety features - approach guardrail ends			
Inspection date	May 2014 [0514]	Designated inspection frequency	23 Months
Underwater inspection	Unknown [Y60]	Underwater inspection date	September 2010 [0910]
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	June 2013 [0613]
Other special inspection	Not needed [N]	Other special inspection date	