

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**

Louisiana [22]	Lafayette Parish [055]	Lafayette [40735]	1.23 MI EAST OF US 167	30-08-30.95 = 30.141931	092-04-35.04 = -92.076400
32808281401231	Highway agency district: 3	Owner State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]	
Route 733	LA0733	Toll On free road [3]	Features intersected	VERMILION R/ELOI BROUS.	
Design - main	Steel [3]	Design - approach	Steel [3]	Kilometerpoint	195.8 km = 121.4 mi
1	Movable - Lift [15]	7	Stringer/Multi-beam or girder [02]	Year built	1951
				Year reconstructed	N/A [0000]
				Skew angle	0
				Structure Flared	
				Historical significance	Bridge is eligible for the NRHP. [2]
Total length	78.6 m = 257.9 ft	Length of maximum span	22.9 m = 75.1 ft	Deck width, out-to-out	9.1 m = 29.9 ft
				Bridge roadway width, curb-to-curb	7.3 m = 24.0 ft
Inventory Route, Total Horizontal Clearance	4.3 m = 14.1 ft	Curb or sidewalk width - left	0.6 m = 2.0 ft	Curb or sidewalk width - right	0.6 m = 2.0 ft
Deck structure type	Open Grating [3]				
Type of wearing surface					
Deck protection					
Type of membrane/wearing surface					

**Weight Limits**

Bypass, detour length	Method to determine inventory rating	Load Factor(LF) [1]	Inventory rating	20 metric ton = 22.0 tons
0.8 km = 0.5 mi	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	32.7 metric ton = 36.0 tons
	Bridge posting	10.0 - 19.9 % below [3]	Design Load	M 13.5 / H 15 [2]

### Functional Details

Average Daily Traffic	14200	Average daily truck traffi	9	%	Year	2016	Future average daily traffic	17892	Year	2036
Road classification	Minor Arterial (Urban) [16]		Lanes on structure	2		Approach roadway width	9.1 m = 29.9 ft			
Type of service on bridge	Highway [1]		Direction of traffic	2 - way traffic [2]		Bridge median				
Parallel structure designation	No parallel structure exists. [N]									
Type of service under bridge	Waterway [5]		Lanes under structure	0		Navigation control	Navigation control on waterway (bridge permit required). [1]			
Navigation vertical clearanc	5.2 m = 17.1 ft			Navigation horizontal clearance	18.3 m = 60.0 ft					
Minimum navigation vertical clearance, vertical lift bridge	52 m = 170.6 ft				Minimum vertical clearance over bridge roadway	4.5 m = 14.8 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	748000	Roadway improvement cost							
	Length of structure improvement	87.8 m = 288.1 ft		Total project cost	1122000					
	Year of improvement cost estimate	2016								
	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	Good [7]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Satisfactory [6]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Fair [5]		
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	49.7
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings			
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	August 2018 [0818]	Designated inspection frequency	24 Months
Underwater inspection	Unknown [Y60]	Underwater inspection date	July 2018 [0718]
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	August 2018 [0818]
Other special inspection	Every year [Y12]	Other special inspection date	August 2017 [0817]