

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]	Mississippi County [133]	Ohio [54128]	S 19 T 27 N R 18 E	36-58-42 = 36.978333	089-08-54 = - 89.148333
6006	Highway agency district 10	Owner Other State Agencies [21]	Maintenance responsibility Other State Agencies [21]		
Route 60	US 60 W	Toll On free road [3]	Features intersected MISSISSIPPI RVR		
Design - main Steel [3]	Design - approach Steel [3]	Kilometerpoint 0 km = 0.0 mi	Year built 1929	Year reconstructed 1981	
7	Truss - Thru [10]	34	Stringer/Multi-beam or girder [02]	Skew angle 0	Structure Flared
		Historical significance		Bridge is eligible for the NRHP. [2]	
Total length 1579.3 m = 5181.7 ft	Length of maximum span 213.4 m = 700.2 ft	Deck width, out-to-out 6.5 m = 21.3 ft	Bridge roadway width, curb-to-curb 6.1 m = 20.0 ft		
Inventory Route, Total Horizontal Clearance 6.1 m = 20.0 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	Monolithic Concrete (concurrently placed with structural deck) [1]				
Deck protection	Epoxy Coated Reinforcing [1]				
Type of membrane/wearing surface					

**Weight Limits**

Bypass, detour length 2.9 km = 1.8 mi	Method to determine inventory rating	Allowable Stress(AS) [2]	Inventory rating	8 metric ton = 8.8 tons
	Method to determine operating rating	Allowable Stress(AS) [2]	Operating rating	31 metric ton = 34.1 tons
Bridge posting	Equal to or above legal loads [5]	Design Load	MS 18 / HS 20 [5]	

### Functional Details

Average Daily Traffic	2787	Average daily truck traffi	38	%	Year	2010	Future average daily traffic	3901	Year	2031
Road classification	Major Collector (Rural) [07]		Lanes on structure	2		Approach roadway width	7.3 m = 24.0 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	18.8 m = 61.7 ft			Navigation horizontal clearance	205.7 m = 674.9 ft					
Minimum navigation vertical clearance, vertical lift bridge				Minimum vertical clearance over bridge roadway	5.38 m = 17.7 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	60769000	Roadway improvement cost	6076000			
	Length of structure improvement	157.9 m = 518.1 ft		Total project cost	91153000		
	Year of improvement cost estimate	2011					
	Border bridge - state	Unknown [175]			Border bridge - percent responsibility of other state	50	
	Border bridge - structure number	2000500887					

## Inspection and Sufficiency

Structure status	New structure not yet open to traffic [G]	Appraisal ratings - structural	Basically intolerable requiring high priority of replacement [2]
Condition ratings - superstructure	Serious [3]	Appraisal ratings - roadway alignment	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - substructure	Fair [5]	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 is beginning to slump. River control devices and embankment protection have widespread minor damage. There is minor stream bed movement evident. Debris is restricting the channel slightly. [6]		
Appraisal ratings - water adequacy	Equal to present minimum criteria [6]	Status evaluation	Structurally deficient [1]
Pier or abutment protection	In place and functioning [2]	Sufficiency rating	6
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	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail ends			
Inspection date	April 2010 [0410]	Designated inspection frequency	12 Months
Underwater inspection	Unknown [Y60]	Underwater inspection date	August 2010 [0810]
Fracture critical inspection	Every year [Y12]	Fracture critical inspection date	April 2010 [0410]
Other special inspection	Unknown [Y06]	Other special inspection date	December 2010 [1210]

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**Basic Information**

Illinois [17]	Alexander County [003]	Cairo [10383]	CAIRO	36-59-10 = 36.9	089-09-00 = -89.1
2000500887	Highway agency district 9	Owner State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]	
Route 60	US 60 & 62	Toll On free road [3]	Features intersected	MISSISSIPPI R	
Design - main	Steel continuous [4]	Design - approach	Steel [3]	Kilometerpoint	88.5 km = 54.9 mi
2	Truss - Thru [10]	38	Other [00]	Year built	1929
				Year reconstructed	1983
				Skew angle	0
				Structure Flared	
				Historical significance	Bridge is eligible for the NRHP. [2]
Total length	1577.9 m = 5177.1 ft	Length of maximum span	213.7 m = 701.1 ft	Deck width, out-to-out	6.9 m = 22.6 ft
Inventory Route, Total Horizontal Clearance	6 m = 19.7 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	Monolithic Concrete (concurrently placed with structural deck) [1]				
Deck protection	Epoxy Coated Reinforcing [1]				
Type of membrane/wearing surface					

**Weight Limits**

Bypass, detour length	Method to determine inventory rating	Load Factor(LF) [1]	Inventory rating	0 metric ton = 0.0 tons
4 km = 2.5 mi	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	0 metric ton = 0.0 tons
	Bridge posting		Design Load	M 13.5 / H 15 [2]

### Functional Details

Average Daily Traffic	4850	Average daily truck traffi	24	%	Year	2011	Future average daily traffic	5029	Year	2032
Road classification	Major Collector (Rural) [07]		Lanes on structure	2		Approach roadway width	13.4 m = 44.0 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	18.8 m = 61.7 ft			Navigation horizontal clearance	205.7 m = 674.9 ft					
Minimum navigation vertical clearance, vertical lift bridge				Minimum vertical clearance over bridge roadway	5.44 m = 17.8 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	15444000			Roadway improvement cost	1544000				
	Length of structure improvement	1577.9 m = 5177.1 ft			Total project cost	23166000				
	Year of improvement cost estimate									
	Border bridge - state	Unknown [297]			Border bridge - percent responsibility of other state	50				
	Border bridge - structure number	#Num!								

## Inspection and Sufficiency

Structure status

Bridge closed to all traffic [K]

Appraisal ratings -  
structural

Condition ratings - superstructure

Serious [3]

Appraisal ratings -  
roadway alignment

Somewhat better than minimum adequacy to tolerate being left in place as is [5]

Condition ratings - substructure

Satisfactory [6]

Appraisal ratings -  
deck geometry

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 is beginning to slump. River control devices and embankment protection have widespread minor damage. There is minor stream bed movement evident. Debris is restricting the channel slightly. [6]

Appraisal ratings - water adequacy

Better than present minimum criteria [7]

Status evaluation

Structurally deficient [1]

Pier or abutment protection

None present but re-evaluation suggested [5]

Sufficiency rating

6

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

January 2012 [0112]

Designated inspection frequency

12

Months

Underwater inspection

Unknown [Y60]

Underwater inspection date

April 2011 [0411]

Fracture critical inspection

Every year [Y12]

Fracture critical inspection date

January 2012 [0112]

Other special inspection

Not needed [N]

Other special inspection date