Mississippi River Bridges

State of Mississippi/ State of Arkansas

Greenville Bridge (US 82):

History –
Opened to traffic Sept. 17, 1940

Approximate latitude, longitude –
+33.29315, -91.15959  (decimal degrees)
33°17'35" N, 91°09'35" W  (degrees‘minutes‘seconds”)

Design –
Through truss bridge

Dimensions –
Main span length: 839.6 ft.
Total length: 9954.4 ft.
Deck width: 23.9 ft.
Vertical clearance: 18.2 ft.

Status –
Standing, undamaged including approaches
Helena Bridge (US 49):

**History** -
Built 1961; rehabilitated 1991

**Approximate latitude, longitude** -
+34.49688, -90.58748 (decimal degrees)
34°29'49" N, 90°35'15" W (degrees.minutes.seconds)

**Design** -
Through truss bridge

**Dimensions** -
Main span length: 839.6 ft.
Total length: 5202.7 ft.
Deck width: 27.8 ft.
Vertical clearance: 17.3 ft.

**Status** -
**Approaches collapsed**
State of Arkansas/ State of Tennessee

Memphis/ Arkansas Bridge (I-55):

History -
Built 1949
Approximate latitude, longitude -
+35.12751, -90.07567 (decimal degrees)
35°07'39" N, 90°04'32" W (degrees*minutes*seconds*)
Design -
Cantilevered through truss bridge
Dimensions -
Main span length: 789.8 ft.
Total length: 5220.7 ft.
Deck width: 51.8 ft.
Vertical clearance: 17.3 ft.
Status -
Collapsed
Frisco Railroad Bridge:

History -
Completed May 12, 1892

Design -
Anchorage span: 225.9 ft. cantilevered through truss
Channel span: 790.5 ft. cantilevered through truss
Central span: 621.0 ft. cantilevered through truss
West span: 621.0 ft. cantilevered through truss
Deck span: 338.7 ft. Warren deck truss
West approach: 2290 ft. iron trestle viaduct

Dimensions -
Length of largest span: 790.5 ft.
Total length: approx. 4887 ft.
Deck width: 30 ft.
Status – **Collapsed**

**Harahan Railroad Bridge:**

*History*
- Completed 1916

*Design*
- Cantilevered through truss railroad bridge

*Status* – **Collapsed**
Mississippi River I-40 Bridge:
Also called Hernando DeSoto Bridge (official name) The New Bridge (common name)

History -
Built 1973

Design -
Two-span steel through arch bridge

Dimensions -
Main span length: 899.7 ft.
Total length: 9432.6 ft.
Deck width: 85.6 ft.
Vertical clearance: 18.6 ft.

Status -
Bridge remains standing, approaches collapsed

Caruthersville Bridge (I-155):

History -
Built 1976

Approximate latitude, longitude -
+36.11490, -89.61264 (decimal degrees)
36°06'54" N, 89°36'46" W (degrees°minutes'seconds")

Design -
Continuous through truss

Dimensions -
Main span length: 821.0 ft.
Total length: 2044.4 ft.
Deck width: 61.3 ft.
Vertical clearance: 20.0 ft.

Status -
Major damage to bridge and approaches

State of Missouri/ State of Illinois

Cairo Mississippi River Bridge (US 60/62):

History -
Built 1929; tolls removed 1954; rehabilitated 1983 and 2005

Approximate latitude, longitude -
+36.97831, -89.14721 (decimal degrees)
36°58'42" N, 89°08'50" W (degrees minutes seconds)

Design -
Continuous through truss bridge

Dimensions -
Main span length: 700.9 ft.
Total length: 5175.5 ft.
Deck width: 20.0 ft.
Vertical clearance: 17.8 ft.

Status -
Collapsed
Cairo I-57 Bridge:

*History*

Built 1978

*Design -*

Steel through arch bridge

*Dimensions -*

Main span length: 820.7 ft.
Total length: 4088.8 ft.
Deck width: 59.0 ft.
Vertical clearance: 17.4 ft.

*Status -*

Approaches and bridge deck heavily damaged

Thebes Railroad Bridge

*History -*

Built 1905 by a consortium of five railroad companies

*Approximate latitude, longitude -*

+37.21649, -89.46682 (decimal degrees)
37°12'59" N, 89°28'01" W (degrees’minutes'seconds”)

*Design -*

Cantilevered through truss railroad bridge

*Dimensions -*

Main span length: 500.0 ft.
Total length: 3959.0 ft.

*Status -*

Collapsed
Old Cape Girardeau Bridge:

History -
Opened to traffic Sept. 3, 1928; replaced 2003

Approximate latitude, longitude -
+37.29722, -89.51678  (decimal degrees)
37°17'50" N, 89°31'00" W  (degrees*minutes*seconds*)

Design -
Six concrete deck girder spans, each 30 ft. long
Two steel deck girder spans, for a combined length of approx. 185 ft.
Two 20-panel continuous, cantilevered Warren through truss spans, each 671.0 ft. long
Six Pennsylvania through truss spans, each approx. 311.7 ft. long

Dimensions -
Main span length: 671.0 ft.
Total length: 4744.3 ft.
Deck width: 20.0 ft.
Vertical clearance: 15.2 ft.

Status -
Bill Emerson Memorial Bridge (MO 34 and IL 146):

_History_ -
Opened to traffic Dec. 13, 2003, replacing the old [Cape Girardeau Bridge](#)

_Approximate latitude, longitude -_
+37.29544, -89.51571 (decimal degrees)
37°17'44" N, 89°30'57" W (degrees'minutes'seconds")

_Design -_
Cable-stayed bridge

_Dimensions -_
Main span length: 1149.6 ft.
Total length: 3955.0 ft.
Deck width between guardrails: 80.0 ft.
Deck width from edge to edge: 93.8 ft.
Vertical clearance over deck: 40.0 ft.

**Status** -
**Standing with approaches intact**

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**Chester Bridge (MO 51/IL 150):**

**History** -

**Approximate latitude, longitude** -
+37.90246, -89.83698  (decimal degrees)
37°54'09" N, 89°50'13" W  (degrees°minutes'seconds")

**Design** -
Through and deck truss bridge

**Dimensions** -
Main span length: 669.8 ft.
Total length: 2826.4 ft.
Deck width: 22.0 ft.
Vertical clearance: 19.9 ft.

**Status** -
**Bridge standing, some approaches heavily damaged**
Grand Tower Natural Gas Pipeline Bridge:

*History*
- Built 1955
- Approximate latitude, longitude:
  - +37.64221, -89.51757 (decimal degrees)
  - 37°38'32" N, 89°31'03" W (degrees°minutes'seconds")

*Design*
- Pipeline suspension bridge

*Dimensions*
- Length of main span: 2161.5 ft.

*Status*
- Standing
Jefferson Barracks Bridge (I-255):

*History* -
Westbound bridge built 1984; eastbound bridge built 1986

*Design* -
Parallel tied arch bridges

*Dimensions* -
Main span length: 909.9 ft.
Total length: 4017.7 ft.
Deck width: 50.8 ft.
Vertical clearance: 35.0 ft.

*Status* -
Standing with approaches intact
MacArthur Railroad Bridge:

History -
Built 1907-1917

Approximate latitude, longitude -
+38.61491, -90.18348  (decimal degrees)
38°36'54" N, 90°11'01" W  (degrees*minutes'seconds")

Design -
Three-span through truss bridge (plus network of approaches)

Dimensions -
Length of longest span: 668 ft.

Status -
Bridge and approaches severely damaged
Poplar Street Bridge (I-55/I-64/I-70/US 40 - Downtown St. Louis):
Also called the Bernard F. Dickman Bridge (official name)

History -
Built 1963

Design -
Steel deck girder bridge

Dimensions -
Main span length: 600.0 ft.
Total length: 2164.4 ft.
Deck width: 104.0 ft.

Status -
Requires damage assessment on span and approaches
Eads Bridge:

History -
Built 1869-1874 under the direction of engineer James Buchanan Eads

Approximate latitude, longitude -
+38.62882, -90.17860 (decimal degrees)
38°37'44" N, 90°10'43" W (degrees*minutes'seconds")

Design -
Three-span steel arch bridge – Top deck open to four lanes of traffic with a pedestrian lane, bottom deck open to two tracks of MetroLink light rail service

Dimensions -
Main span length: 533.0 ft.
Total length: 4024.9 ft.
Deck width: 45.9 ft.

Status -
Masonry piers damaged
Martin Luther King, Jr. Bridge (Downtown St. Louis):

History -
Built 1951; rehabilitated 1987

Approximate latitude, longitude -
+38.63109, -90.17846 (decimal degrees)
38°37'52" N, 90°10'42" W (degrees°minutes'seconds")

Design -
Cantilevered through truss

Dimensions -
Main span length: 962.6 ft.
Total length: 4008.8 ft.
Deck width: 40.0 ft.
Vertical clearance: 19.4 ft.

Status -
Bridge damaged, approaches severely damaged
McKinley Bridge:

*History*
Dedicated Nov. 10, 1910; closed to traffic in October 2001

*Approximate latitude, longitude* -
+38.66541, -90.18272  (decimal degrees)
38°39'55" N, 90°10'58" W  (degrees*minutes'seconds")

*Design*
Three-span through truss bridge closed, but slated for rehabilitation and reopening (2006)

*Dimensions*
Main span length: 518.9 ft.
Total length: 6313.3 ft.
Deck width: 49.9 ft.
Vertical clearance: 19.6 ft.

*Status*
Masonry piers damaged
**Merchants Railroad Bridge:**

*History*
Completed May 1890

*Approximate latitude, longitude -*
+38.67482, -90.18642  (decimal degrees)
38°40'29" N, 90°11'11" W  (degrees*minutes'seconds*)

*Design -*
Three-span through truss railroad bridge

*Status -*
Masonry piers heavily damaged
Old Chain of Rocks Pedestrian Bridge (formerly US 66 Bridge):

History -
Built 1929; closed to traffic in 1968; reopened for pedestrians on June 5, 1999

Approximate latitude, longitude -
+38.76021, -90.17482  (decimal degrees)
38°45'37" N, 90°10'29" W  (degrees*minutes*seconds")

Design -
Cantilevered through truss bridge open to pedestrians and bicycles

Dimensions -
Total length: 5353.0
Deck width: 24.0 ft.

Status -
Some damage to piers
Other Major River Crossings Adjacent to the Mississippi River

State of Arkansas

Clarendon Bridge over White River (US 79):

*History*

Built 1931

*Approximate latitude, longitude -*

+34.68879, -91.31621  (decimal degrees)
34°41'20" N, 91°18'58" W  (degrees°minutes'seconds")
Design -
Cantilevered through truss bridge

Dimensions -
Main span length: 399.8 ft.
Total length: 4282.0 ft.
Deck width: 23.9 ft.
Vertical clearance: 15.6 ft.

Status -
Collapsed
Ohio River Bridges

State of Illinois/ Commonwealth of Kentucky

Cairo Ohio River Bridge (US 51 and US 60):

History -
Built 1937; rehabilitated 1979

Approximate latitude, longitude -
+36.99403, -89.14577 (decimal degrees)
36°59'39" N, 89°08'45" W (degrees\textdegree\textdegree minutes\textdegree seconds")

Design -
Continuous through truss

Dimensions -
Main span length: 800.0 ft.
Total length: 5863.7 ft.
Deck width: 20.0 ft.
Vertical clearance: 19.6 ft.

Status -
Heavily damaged, requires inspection before use
Cairo Railroad Bridge (Canadian National):
Built 1949-52, replacing the First Cairo Railroad Bridge, but reusing many of the piers
Approximate latitude, longitude -
+37.02302, -89.17532 (decimal degrees)
37°01'23" N, 89°10'31" W (degrees*minutes*seconds*)
Design -
Through truss bridge
Status -
Collapsed
Metropolis Railroad Bridge:

History -
Built 1917

Approximate latitude, longitude -
+37.14461, -88.74204 (decimal degrees)
37°08'41" N, 88°44'31" W (degrees*minutes*seconds*)

Design -
Series of deck plate girder approach spans
One riveted, 9-panel Parker through truss (probably a later modification)
Five pin-connected, Pennsylvania through trusses
One pin-connected, 8-panel Pratt deck truss
Series of deck plate girder approach spans

Dimensions -
Length of largest span: approx. 708 ft.
Total length: approx. 6424 ft.

Status -
Approaches and main spans heavily damaged.
Paducah Bridge (I-24):
Also known as the Irvin S. Cobb Bridge

*History* -
Built 1973

*Approximate latitude, longitude* -
+37.13379, -88.68692 (decimal degrees)
37°08'02" N, 88°41'13" W (degrees'minutes'seconds")

*Design* -
Two-span tied-arch bridge

*Dimensions* -
Main span length: 729.8 ft.
Total length: 5632.4 ft.
Deck width: 60.0 ft.
Vertical clearance: 16.8 ft.

Status - 
Approaches collapsed

Brookport Bridge (US 45):

History - 
Built 1929

Approximate latitude, longitude - 
+37.11465, -88.62915 (decimal degrees)
37°06'53" N, 88°37'45" W (degrees*minutes*seconds")

Design - 

27
Three Warren pony trusses
One Parker through truss
Nine polygonal, subdivided Warren through trusses
Four deck truss spans

**Dimensions** -
Main span length: 711.0 ft.
Total length: 5385.8 ft.
Deck width: 19.7 ft.
Vertical clearance: 14.1 ft.

**Status** -
**Collapsed**

**Shawneetown Bridge (IL 13/ KY 56):**
History -
Built 1955

Approximate latitude, longitude -
+37.68867, -88.13383 (decimal degrees)
37°41'19" N, 88°08'02" W (degrees'minutes'seconds"

Design -
Cantilevered through truss bridge

Dimensions -
Main span length: 825.1 ft.
Total length: 3200.2 ft.
Deck width: 23.9 ft.
Vertical clearance: 19.0 ft.

Status -
Heavily damaged but standing

Commonwealth of Kentucky/ State of Indiana

Evansville Bridge (US 41):

History -
Northbound bridge built 1932; southbound built 1965

Design -
Pair of cantilevered through truss bridges

Dimensions -
Main span length: 720.0 ft.
Total length: 5393.6 ft.
Deck width: 29.8 ft.
Vertical clearance: 19.8 ft.

Status -
Northbound bridge collapsed, southbound heavily damaged but standing
William H. Natcher Bridge (US 231):

History -
Opened October 21, 2002

Design -
Cable-stayed bridge

Dimensions -
Main span length: 1200 ft.
Total length: 4505 ft.
Deck width: 67 ft.

Status -
No severe damage on bridge or approaches

Glover Cary Bridge (IN 161, old US 231):
Also known as Owensboro Bridge or Blue Bridge

**History** -
Opened Sept. 1940

**Design** -
Through truss bridge

**Dimensions** -
Main span length: 750.8 ft.
Total length: 4622.8 ft.
Deck width: 22.0 ft.
Vertical clearance: 14.4 ft.

**Status** -
**Heavily damaged requires inspection**

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**Bob Cummins Bridge (IN 237/KY 69):**
Also known as Cannelton Bridge

**History** -
Opened December 21, 1966

**Approximate latitude, longitude** -
+37.90348, -86.74414 (decimal degrees)
37°54'13" N, 86°44'39" W (degrees,minutes,seconds)

**Design** -
Steel through arch bridge

**Dimensions** -
Main span length: 824.6 ft.
Total length: 2708.3 ft.
Deck width: 27.8 ft.
Vertical clearance: 17.5 ft.

**Status** -
**Damaged, requires inspection**
Sherman Minton Bridge (I-64):

*History*

Built 1961; rehabilitated 1997

*Approximate latitude, longitude* -

+38.27842, -85.82143 (decimal degrees)

38°16'42" N, 85°49'17" W (degrees’minutes’seconds‘)

*Design*

Two-span steel through arch bridge

*Dimensions*

Main span length: 800.0 ft.
Total length: 2052.9 ft.
Deck width: 42.0 ft.
Vertical clearance: 16.3 ft.
Kentucky and Indiana Railroad Bridge:

History -
First bridge built 1886; reconstructed 1912

Approximate latitude, longitude -
+38.28124, -85.80079 (decimal degrees)
38°16'52" N, 85°48'03" W (degrees*minutes*seconds*)

Design -
Through truss railroad bridge

Status -
Damage to piers
Falls of the Ohio Railroad Bridge:

*Approximate latitude, longitude*

- +38.26907, -85.76494 (decimal degrees)
- 38°16'09" N, 85°45'54" W (degrees*minutes*seconds*)

*Design*
- Through truss railroad bridge

*Status*
- Damage to piers
George Rogers Clark Memorial Bridge (US 31):
Also call the Second Street Bridge or Municipal Bridge

History -
Built 1929; tolls removed 1946; rehabilitated 1958

Approximate latitude, longitude -
+38.26407, -85.75147 (decimal degrees)
38°15'51" N, 85°45'05" W (degrees.minutes.seconds"

Design -
Cantilevered through truss bridge

Dimensions -
Main span length: 819.6 ft.
Total length: 5746.5 ft.
Deck width: 38.0 ft.
Vertical clearance: 13.5 ft.

Status -
Heavily damaged potential later collapse

John F. Kennedy Memorial Bridge (I-65):

History -
Built 1963

Design -
Cantilevered through truss bridge

Dimensions -
Main span length: 700.0 ft.
Total length: 2497.3 ft.
Deck width: 85.9 ft.
Vertical clearance: 28.0 ft.
Status -
Requires inspection before use

Other Major River Crossings Adjacent to the Ohio River

Commonwealth of Kentucky

Tennessee River Bridge (US 60):
History -
Built 1931
Design -
Through truss bridge
Dimensions -
Main span length: 399.832 ft.
Total length: 3035.312 ft.
Deck width: 23.9 ft.
Vertical clearance: 12.8904 ft.
Status -
Collapsed

Tennessee River Bridge (I-24):
History -
Built 1974
Approximate latitude, longitude -
+37.02650, -88.28556 (decimal degrees)
37°01'35" N, 88°17'08" W (degrees.minutes.secs)
Design -
Pair of steel through arch bridges
Dimensions -
Main span length: 534.0 ft.
Total length: 2107.4 ft.
Deck width: 39.0 ft.
Vertical clearance: 19.0 ft.
Status –
Approaches and bridge spans heavily damaged

Cumberland River Bridge (US 60):
History -
Built 1931; rehabilitated 1954
Design -
Through truss bridge
Dimensions -
Main span length: 499.872 ft.
Total length: 1817.448 ft.
Deck width: 20.0 ft.
Vertical clearance: 13.8088 ft.
Status –
Collapse

Cumberland River Bridge (US 62):
History -
Built 1952
Design -
Through truss bridge
Dimensions -
Main span length: 699.952 ft.
Total length: 1466.488 ft.
Deck width: 24.928 ft.
Vertical clearance: 16.0 ft.
Status –
Collapse

Green River Bridge (US 60):
History -
Built ca. 1930
Design -
Through truss bridge
Dimensions -
Main span length: 359.816 ft.
Total length: 1102.736 ft.
Deck width: 20.0 ft.
Vertical clearance: 15.3176 ft.
Status –
Damaged, requires inspection before use

State of Indiana

New Harmony Bridge (II 41):
History -
Built 1931

*Approximate latitude, longitude* -
+38.13090, -87.94155 (decimal degrees)
38°07'51" N, 87°56'30" W (degrees.minutes.seconds)

*Design* -
Four-span through truss toll bridge

*Dimensions* -
Main span length: 299.8 ft.
Total length: 2578.4 ft.
Deck width: 20.0 ft.
Vertical clearance: 15.6 ft.

*Status* -
*Heavily damaged, requires inspection before use*
Possible Dams, Levees, or Other Structures to Damage or Collapse

State of Tennessee

**McKeller Lake Dam** - Re-channelization of Mississippi through Harbor Channel east of Presidents Island

**Tipton, TN/ New Madrid, MO Oxbow** - Collapse of oxbow just north of Tipton, TN on Mississippi River

**Kentucky Lake and Lake Barkley Dams** - Damage to dams but no collapse