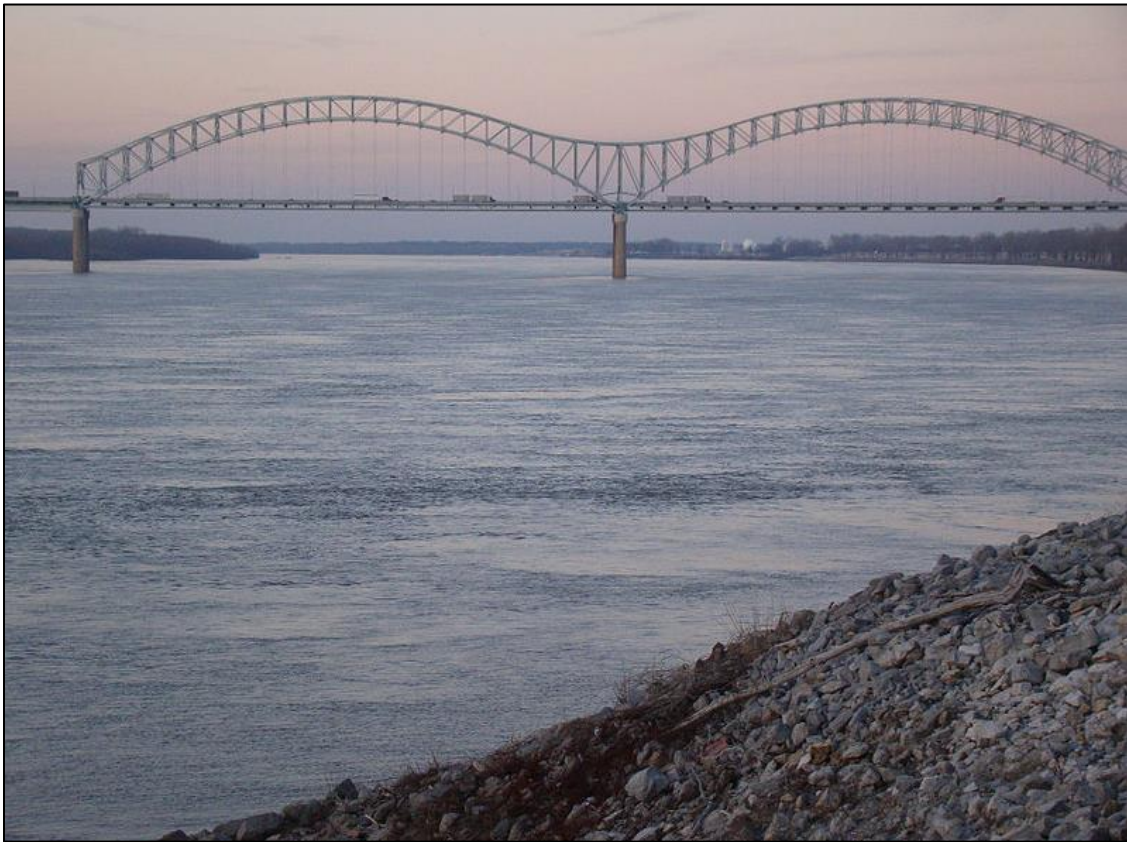

PRECAP Rivers Navigation Breakout Session





























River Crossings Sheet



List of CUSEC Region River Crossings for:

Lower Mississippi River, Upper Mississippi River, Ohio River, Tennessee River, & Arkansas River

CUSEC Region List of Crossings Over Lower Mississippi River












Crossing	Carries	Location	Year Opened	Coordinates Lat. Long.
Kentucky – Missouri				
Dorena-Hickman Ferry		Hickman and Dorena		 36°34'04"N 89°12'43"W
Tennessee – Missouri				
Caruthersville Bridge	  I-155 / US-412	Dyersburg and Caruthersville	1976	 36°06'54"N 89°36'47"W
Tennessee – Arkansas				
Hernando de Soto Bridge	 I-40	Memphis and West Memphis	1973	 35°09'10"N 90°03'50"W
Harahan Bridge	Union Pacific Railroad		1916	 35°07'45"N 90°04'33"W
Frisco Bridge	BNSF Railway		1892	 35°07'43"N 90°04'35"W
Memphis & Arkansas Bridge	 I-55, Mississippi River Trail,     US-61 / US-64 / US-70 / US-79		1949	 35°07'42"N 90°04'36"W
Mississippi – Arkansas				
Helena Bridge	 US 49	Lula and Helena-West Helena	1961	 34°29'48"N 90°35'17"W
Charles W. Dean Bridge (construction to begin in 2011)	Future   I-69 / US 278	Benoit and Arkansas City	Planning Phase	 33°37'12"N 91°08'10"W
Benjamin G. Humphreys Bridge (demolished 2011–2012)		Greenville and Lake Village	1940	 33°17'37"N 91°09'34"W
Greenville Bridge	  US 82 / US 278		2010	 33°17'14"N 91°09'15"W
Mississippi – Louisiana				
Old Vicksburg Bridge	Former  US 80 Kansas City Southern Railway	Vicksburg and Delta	1930	 32°18'52"N 90°54'17"W
Vicksburg Bridge	  I-20 / US 80		1973	 32°18'55"N 90°54'30"W
Natchez-Vidalia Bridge	  US 84 / US 425	Natchez and Vidalia	1940	 31°33'33"N 91°25'09"W

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CUSEC Region List of Crossings Over Upper Mississippi River

Missouri - Illinois				
Quincy Rail Bridge	Railroad BNSF Railway, former Chicago, Burlington & Quincy Railroad	Quincy, Illinois	328	 39°56'30"N 91°25'51"W
Bayview Bridge	US 24	Quincy, Illinois	327	 39°56'00"N 91°25'17"W
Quincy Memorial Bridge	US 24	Quincy, Illinois	327	 39°55'53"N 91°25'14"W
Wabash Bridge	Railroad Norfolk Southern Railway, former Wabash Railroad	Hannibal, Missouri	~309.9	 39°43'27"N 91°21'44"W
Mark Twain Memorial Bridge	I-72 / US 36	Hannibal, Missouri	~309.5	 39°43'13"N 91°21'30"W
Old Mark Twain Memorial Bridge (Historical)	Demolished	Hannibal, Missouri	309	 39°42'58"N 91°21'15"W
Champ Clark Bridge	US 54	Louisiana, Missouri	283	 39°27'24"N 91°02'52"W
Louisiana Rail Bridge	Railroad Kansas City Southern Railway, former Alton Railroad	Louisiana, Missouri	282	 39°26'43"N 91°02'01"W
Alton Bridge (Historical)	Demolished Railroad former Alton Railroad	Alton, Illinois	~202.9	 38°52'53"N 90°11'09"W
Old Clark Bridge (Historical)	Demolished US 67	Alton, Illinois	~202.9	 38°53'01"N 90°10'57"W
Clark Bridge	US 67	Alton, Illinois	~202.8	 38°52'56"N 90°10'44"W
New Chain of Rocks Bridge	I-270	St. Louis, Missouri	~190.8	 38°45'53"N 90°10'25"W
Chain of Rocks Bridge	US 66 Bicycle trail	St. Louis, Missouri	~190.5	 38°45'38"N 90°10'35"W
Merchants Bridge	Railroad Terminal Railroad Association of St. Louis	St. Louis, Missouri	~183.3	 38°40'29"N 90°11'10"W
McKinley Bridge	Automobile and former Illinois Traction System interurban electric railway US 66	St. Louis, Missouri	~182.6	 38°39'54"N 90°10'58"W
Stan Musial Veterans Memorial Bridge	Future I-70	St. Louis, Missouri	~181.2	Est.  38°38'40"N 90°10'42"W
Martin Luther King Bridge (St. Louis)	Route 799	St. Louis, Missouri	~180.2	 38°37'52"N 90°10'46"W
Eads Bridge	Road and Railway St. Louis MetroLink former Terminal Railroad Association of St. Louis	St. Louis, Missouri	~180	 38°37'45"N 90°10'47"W
Poplar Street Bridge	I-55 / I-64 / I-70 / US 40	St. Louis, Missouri	~179.2	 38°37'05"N 90°10'59"W
MacArthur Bridge (St. Louis)	Terminal Railroad Association of St. Louis	St. Louis, Missouri	~178.8	 38°36'53"N 90°11'01"W
Jefferson Barracks Bridge	I-255 / US 50	St. Louis, Missouri	~168.8	 38°29'14"N 90°16'38"W
Chester Bridge	MO 51/Illinois Route 150	Perryville, Missouri-Chester, Illinois	~109.9	 37°54'11"N 89°50'11"W
Grand Tower Pipeline Bridge	Natural gas	Grand Tower, Illinois	~80.8	 37°38'31"N 89°31'03"W
Cape Girardeau Bridge (Historical)	Demolished	Cape Girardeau, Missouri	~51.6	 37°17'50"N 89°30'57"W
Bill Emerson Memorial Bridge	MO 34/MO 74/Illinois Route 146	Cape Girardeau, Missouri	~51.5	 37°17'43"N 89°30'57"W
Thebes Bridge	Railroad Southern Illinois and Missouri Bridge Company, former joint owners St. Louis Southwestern Railway and Missouri Pacific Railroad	Thebes, Illinois	~43.6	 37°13'00"N 89°28'01"W
Cairo I-57 Bridge	I-57	Charleston, Missouri-Cairo, Illinois	~7.5	 37°01'23"N 89°12'42"W
Cairo Mississippi River Bridge	US 60 / US 62	Cairo, Illinois	~1.5	 36°58'43"N 89°08'52"W













CUSEC Region List of Crossings Over Ohio River

Crossing	Carries	Location	Notes	Coordinates
Kentucky - Illinois				
Cairo Ohio River Bridge	 US 51 / US 60 / US 62	Cairo, Illinois and Wickliffe, Kentucky		 36°59'39"N 89°08'45"W
Cairo Rail Bridge	Canadian National Railway	Cairo, Illinois and Wickliffe, Kentucky		 37°01'23"N 89°10'32"W
Lock and Dam No. 53		Chestnut Hills Nature Preserve, Illinois and Monkey's Eyebrow, Kentucky		
Metropolis Bridge	Canadian National Railway	Metropolis, Illinois and West Paducah, Kentucky		 37°08'42"N 88°44'31"W
Interstate 24 Bridge	 I-24	Metropolis, Illinois and Paducah, Kentucky		 37°08'00"N 88°41'13"W
Lock and Dam No. 52		Brookport, Illinois and Paducah, Kentucky		
Irvin S. Cobb Bridge	 US 45	Brookport, Illinois and Paducah, Kentucky		 37°06'50"N 88°37'45"W
Smithland Locks and Dam		Hamlettsburg, Illinois and Smithland, Kentucky		 37.167394°N 88.425519°W
Lock and Dam No. 51		Golconda, Illinois and Joy, Kentucky		
Elizabethtown Ferry	KY 297	Elizabethtown, Illinois and Tolu, Kentucky		
Cave-in-Rock Ferry	 KY 91/IL 1	Cave-in-Rock, Illinois and Ferry Shore, Kentucky		
Lock and Dam No. 50		Cave-in-Rock, Illinois and Ferry Shore, Kentucky		
Shawneetown Bridge	 KY 56/IL 13	Old Shawneetown, Illinois and Spring Grove, Kentucky		 37°41'28"N 88°07'53"W












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Kentucky - Indiana				
Uniontown Locks and Dam		Point Township, Posey County, Indiana and Uniontown, Kentucky		 37.79276°N 87.99158°W
Uniontown Ferry		Point Township, Posey County, Indiana and Uniontown, Kentucky		
Henderson Bridge	CSX Transportation	Union Township, Vanderburgh County, Indiana and Henderson, Kentucky		 37°50'45"N 87°35'47"W
Bi-State Vietnam Gold Star Bridges	 US 41	Evansville, Indiana and Henderson, Kentucky		 37°54'19"N 87°33'02"W
Interstate 69 Bridge	 I-69	Evansville, Indiana and Henderson, Kentucky	proposed	 37°54'19"N 87°30'00"W
Newburgh Locks and Dam		Newburgh, Indiana and Green River State Wildlife Area, Kentucky		
Glover Cary Bridge	 KY 2155/IN 161	Ohio Township, Spencer County, Indiana and Owensboro, Kentucky		 37°46'45"N 87°06'33"W
William H. Natcher Bridge	 US 231	Ohio Township, Spencer County, Indiana and Maceo, Kentucky		 37°54'03"N 87°02'01"W
Bob Cummings - Lincoln Trail Bridge	 KY 69/IN 237	Cannelton, Indiana and Hawesville, Kentucky		 37°54'12"N 86°44'39"W
Cannelton Locks and Dam		Troy Township, Perry County, Indiana and Skillman, Kentucky		
Matthew E. Welsh Bridge	 KY 79/IN 135	Mauckport, Indiana and Brandenburg, Kentucky		 38°01'02"N 86°11'49"W
Sherman Minton Bridge	 I-64 / US 150	New Albany, Indiana and Louisville, Kentucky		 38°16'44"N 85°49'21"W
Kentucky & Indiana Terminal Bridge	Norfolk Southern Railway	New Albany, Indiana and Louisville, Kentucky		 38°16'57"N 85°48'05"W
McAlpine Locks and Dam		New Albany, Indiana and Louisville, Kentucky (Falls of the Ohio)	Only to Shippingport Island, not all the way across river	 38.278087°N 85.790408°W
Fourteenth Street Bridge	Louisville and Indiana Railroad Indiana Rail Road	Clarksville, Indiana and Louisville, Kentucky		 38°16'05"N 85°45'59"W
George Rogers Clark Memorial Bridge	 US 31	Jeffersonville, Indiana and Louisville, Kentucky		 38°15'49"N 85°45'06"W
Spirit of Jefferson Ferry		Jeffersonville, Indiana and Louisville, Kentucky	Temporary ferry service due to closure of Sherman Minton Bridge; no longer used after the bridge reopened in February 2012.	
John F. Kennedy Memorial Bridge	 I-65	Jeffersonville, Indiana and Louisville, Kentucky		 38°15'52"N 85°44'37"W
Big Four Bridge	former Cleveland, Cincinnati, Chicago and St. Louis Railway line	Jeffersonville, Indiana and Louisville, Kentucky	currently under conversion for pedestrian access.	 38°15'58"N 85°44'22"W
East End Bridge	 I-265	Utica Township, Clark County, Indiana and Louisville, Kentucky	proposed	 38°20'36"N 85°38'34"W
Milton-Madison Bridge	 US 421	Madison, Indiana and Milton, Kentucky		 38°43'47"N 85°22'12"W
Markland Dam Bridge	 KY 1039/IN 101	York Township, Switzerland County, Indiana and Warsaw, Kentucky		 38°46'36"N 84°57'52"W
Aurora-Petersburg Ferry		Aurora, Indiana and Petersburg, Kentucky		
Caroll C. Cropper Bridge	 I-275	Lawrenceburg Township, Dearborn County, Indiana and West Petersburg, Kentucky		 39°06'12"N 84°49'31"W

CUSEC Region List of Crossings Over Tennessee River






















Kentucky			
Clark Memorial Bridge	 US 60	Reidland/Ledbetter	37.03805, -88.52890
Luther Draffen Bridge	 I-24	Calvert City	37.02604, -88.28588
	US-62/US 641/Brownfield Hwy	Calvert City	37.01556, -88.27255
Kentucky Dam rail bridge	Paducah and Louisville Railroad	Calvert City	37.01254, -88.27000
Kentucky Dam road bridge	 US 62 / US 641	Calvert City	37.01254, -88.27000
Eggner Ferry Bridge (reopened May, 2012, after being closed 4 months after being struck by a ship)	 US 68 / KY 80		36.77250, -88.12033
Tennessee (western)			
Scott Fitzhugh Bridge	 US-79		36.44438, -88.05986
Danville Toll Ferry	 SR-147	McKinnon	36.30103, -87.95388
Rail Bridge	CSX	Bruceton Subdivision	36.01795, -87.99643
Hickman-Lockhart Bridge	 US-70	New Johnsonville	36.01775, -87.99642
Interstate 40 Bridge	 I-40		35.86791, -87.94320
Alvin C. York Bridge	 US-412	Perryville	35.62776, -88.03375
Clifton Highway Bridge	 SR-114	Clifton	35.41060, -88.05218
Lemert Bridge	 US-64	Savannah	35.22468, -88.25887
Pickwick Landing Dam	 SR-128	Pickwick Landing State Park	35.06778, -88.24930

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

















Alabama			
Natchez Trace Parkway Bridge	 Natchez Trace Parkway	Colbert County to Lauderdale County	34.83908, -87.93278
O'Neal Bridge	 US-43 / US-72	Florence to Muscle Shoals	34.78256, -87.67113
Railroad Bridge	pedestrian trail that spans half the river, former Louisville and Nashville Railroad bridge		34.78256, -87.66873
Singing River Bridge	 SR-133	Florence to Muscle Shoals	34.79212, -87.64292
Wilson Dam		Florence to Muscle Shoals	34.79779, -87.62506
Wheeler Dam	 SR-101	Suburban Decatur	34.80363, -87.38163
Norfolk Southern Lifting Rail Bridge	Norfolk Southern	Decatur	34.61905, -86.9795
Captain William J. Hudson "Steamboat Bill" Memorial Bridge	  US-31 / US-72 Alt / SR-20	Decatur	34.61311, -86.97282
Interstate 65 Bridge	 I-65	Decatur	34.57843, -86.90769
Clement C. Clay Bridge	 US-231	Huntsville to Morgan County	34.57557, -86.56780
Houston Bridge	 US-431	Guntersville	34.37230, -86.28897
Comer Bridge	 SR-35	Jackson County	34.63925, -85.97482
Captain John Snodgrass Bridge	 SR-117		34.83357, -85.80154
Rail bridge	CSX Chattanooga Subdivision	Bridgeport	34.95462, -85.69893

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CUSEC Region List of Crossings Over Arkansas River

Crossing	Carries	Location	Coordinates
Arkansas			
Yancopin Bridge	Abandoned Rail	Watson	 33.955304°N 91.206075°W
Wilbur D. Mills Dam		Arkansas Post	 33.988940°N 91.313290°W
Pendleton Bridge	 U.S. 165		 33.980271°N 91.384621°W
Joe Hardin Lock and Dam 3		Grady	 34.162848°N 91.679878°W
Emmett Sanders Lock and Dam 4		Pine Bluff	 34.248850°N 91.903728°W
Lawrence Blackwell Bridge	 U.S. 63 / U.S. 79		 34.248850°N 91.903728°W
Rob Roy Bridge	Rail		 34.267023°N 91.912394°W
79-B Bridge	 U.S. 79		 34.289697°N 91.997019°W
Lock and Dam #5		Redfield	 34.411867°N 92.102852°W
Pipeline bridge			 34.479852°N 92.123966°W
David D. Terry Lock & Dam 6		Little Rock	 34.667241°N 92.157054°W
I-440 Bridge	 I-440		 34.723874°N 92.177892°W
Rock Island Bridge	Abandoned Rail		 34.749749°N 92.258817°W
I-30 Bridge	 I-30		 34.750263°N 92.262732°W
Junction Bridge			 34.750843°N 92.266402°W
Main Street Bridge			 34.751202°N 92.268925°W

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Broadway Bridge	 U.S. 70		 34.752368°N 92.274213°W
Baring Cross Bridge	Union Pacific Railroad		 34.754448°N 92.281981°W
Murray Lock and Dam	 Longest pedestrian bridge in US		 34.793647°N 92.358541°W
I-430 Bridge	 I-430		 34.800598°N 92.374485°W
Toad Suck Ferry Lock and Dam	 Hwy. 60	Conway	 35.077372°N 92.541830°W
Highway 9 Bridge	 Hwy. 9 / Hwy. 133	Morrilton	 35.126041°N 92.732812°W
Arthur V. Ormond Lock & Dam 9			 35.12563°N 92.787641°W
Highway 7 Bridge	 Hwy. 7	Russellville	 35.225720°N 93.150480°W
Dardanelle Lock & Dam 10			 35.249124°N 93.170757°W
Morrison Bluff Bridge also known as Ada Mills Bridge	 Hwy. 109 Arkansas Longest Bridge	Morrison Bluff	 35.411221°N 93.532038°W
Ozark-Jeta Taylor Lock & Dam 12		Ozark	 35.472012°N 93.813962°W
Ozark Bridge	 Hwy. 23		 35.482530°N 93.832737°W
James W. Trimble Lock & Dam 13	 Hwy. 59	Barling	 35.351617°N 94.296520°W
I-540 Bridge	 I-540		 35.421410°N 94.349240°W
Bridge	 U.S. 64	Fort Smith	 35.428305°N 94.359437°W
Fort Smith Frisco Bridge	Arkansas & Missouri tourist railroad		 35.432806°N 94.364721°W

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