

TACIR

The Tennessee Advisory Commission
on Intergovernmental Relations



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MEMORANDUM

TO: TACIR Commission Members

FROM: Harry A. Green
Executive Director

DATE: September 16, 2008

SUBJECT: Bridge Conditions and Needs

Concern about bridge safety heightened across the country in the wake of the disaster last year in Minneapolis. As a result, TACIR staff is taking a closer look at the information in our public infrastructure needs inventory and additional information from the Department of Transportation. TACIR staff worked with the Department of Transportation this past year to obtain additional bridge condition and need data. This data will be included in the July 2007 inventory that is near the final stages of review by TACIR staff, the inclusion of this data will significantly increase the amount of bridge needs reported.

Bridge needs identified by local officials for the inventory covering the period of July 2006 through June 2027 totals \$851 million. This is a \$63 million increase from the needs reported for the July 2002 inventory. These reported needs are expected to increase with the 2007 inventory because of additional data received from the Department of Transportation. The county with the largest bridge need in dollar terms is Shelby County, which totaled nearly \$165 million for the July 2006 inventory. This amount includes \$55 million for the I-40 Bridge over the Mississippi River.

Attachment A is a summary of the estimated cost of all bridge needs in the Public Infrastructure Needs Inventory organized by county. These needs are from the July 2002 and July 2006 inventories. The first two columns, July 2002 needs, show the amount of the 2002 needs that have been completed and the amount that is still a need in July 2006. The last column is the estimated cost of the needs identified since 2002, reported for the July 2006 inventory. The table on the following page contains the statewide totals from Attachment A.

Total Estimated Cost of Bridge Needs
July 2002 through June 2023 and July 2006 through June 2027

July 2002 Needs		July 2006 Needs
Completed Before July 2006	Still Needed in July 2006	Identified After July 2002
\$198,477,342	\$495,558,579	\$355,574,530

Attachment B presents information provided by the Tennessee Department of Transportation listing the estimated costs to replace, widen, or rehabilitate all bridges rated structurally deficient or functionally obsolete for 2007. This data is presented in six separate tables organized by system (owned, operated or maintained by the state) and on-system (owned, operated or maintained by local governments) and by type of need, and summarized by county and region.

Attachment C is a map comparing Tennessee to its neighbors in percentage and number of structurally deficient bridges. Tennessee has the second lowest, after Florida, percentage of bridges that are structurally deficient. This does not include bridges considered functionally obsolete. The term structurally deficient means there is a part of the bridge's structure that needs repair or replacement. Functionally obsolete status indicates that the bridge has inadequate width or vertical clearance for its associated system.

Attachments.

Estimated Cost of Bridge Needs by County
July 2002 through June 2023 and July 2006 through June 2027

County	July 2002 Needs		July 2006 Needs
	Completed Before July 2006	Still Needed in July 2006	Identified After July 2002
Anderson	\$ 645,000	\$ -	\$ 3,818,000
Bedford	2,067,000	2,105,000	-
Benton	-	-	-
Bledsoe	-	-	375,000
Blount	515,000	3,488,551	2,986,000
Bradley	-	4,966,156	-
Campbell	900,000	690,000	4,620,000
Cannon	300,000	716,530	1,020,000
Carroll	3,424,000	6,396,320	1,234,000
Carter	1,664,880	5,179,720	500,000
Cheatham	8,847,000	4,443,000	1,455,000
Chester	4,192,000	-	-
Claiborne	312,800	-	-
Clay	330,000	-	200,000
Cocke	2,226,000	15,078,000	7,812,596
Coffee	447,000	11,215,280	219,900
Crockett	2,853,000	1,175,000	-
Cumberland	1,919,000	938,000	3,587,486
Davidson	7,036,000	112,333,000	18,802,790
Decatur	3,655,000	-	3,015,276
DeKalb	435,000	1,721,164	11,248,000
Dickson	704,000	930,000	2,157,600
Dyer	3,107,000	1,392,710	-
Fayette	125,000	10,906,735	174,000
Fentress	-	853,900	2,660,000
Franklin	-	-	130,000
Gibson	4,003,000	2,855,353	7,440,233
Giles	980,000	2,175,000	1,956,870
Grainger	-	-	630,000
Greene	394,000	4,422,300	590,000
Grundy	-	10,254,000	-
Hamblen	-	500,000	-
Hamilton	18,000,000	10,149,700	21,939,098
Hancock	-	1,038,000	300,000
Hardeman	6,378,000	1,400,200	1,210,000
Hardin	2,341,000	1,696,000	-
Hawkins	2,972,000	4,602,278	4,266,777
Haywood	4,453,000	1,979,000	2,546,665
Henderson	5,372,000	3,261,688	-
Henry	501,000	325,000	-
Hickman	1,175,000	7,055,902	3,375,000
Houston	375,000	20,420,460	1,500,000
Humphreys	9,513,000	3,730,240	-
Jackson	616,000	1,805,359	-
Jefferson	3,219,000	13,635,000	34,950,000
Johnson	819,000	2,500,000	1,695,000
Knox	5,653,000	16,640,200	3,065,000
Lake	-	1,375,000	944,948

Estimated Cost of Bridge Needs by County
July 2002 through June 2023 and July 2006 through June 2027

County	July 2002 Needs		July 2006 Needs
	Completed Before July 2006	Still Needed in July 2006	Identified After July 2002
Lauderdale	631,000	1,453,370	964,580
Lawrence	1,442,000	2,262,545	-
Lewis	625,000	2,960,000	250,000
Lincoln	735,000	300,000	3,357,480
Loudon	10,290,000	-	4,850,000
McMinn	-	-	390,000
McNairy	2,378,000	4,241,446	2,020,000
Macon	1,360,000	2,267,523	1,606,000
Madison	9,469,000	3,140,103	2,055,000
Marion	15,000,000	13,300,000	-
Marshall	-	3,480,000	1,010,800
Maury	3,067,111	8,664,319	455,000
Meigs	-	9,394,000	1,145,000
Monroe	-	-	1,099,000
Montgomery	371,200	2,805,321	8,348,303
Moore	-	-	740,000
Morgan	1,322,000	500,000	1,297,000
Obion	3,092,000	5,765,249	203,200
Overton	-	-	-
Perry	-	2,075,000	6,355,000
Pickett	-	219,000	1,600,597
Polk	-	480,000	2,151,802
Putnam	3,000,000	8,855,052	-
Rhea	-	5,010,000	3,019,300
Roane	13,275,500	9,200,000	1,744,900
Robertson	-	350,000	681,000
Rutherford	2,544,000	1,273,000	-
Scott	302,000	524,521	-
Sequatchie	-	880,000	-
Sevier	163,000	1,224,645	5,823,380
Shelby	9,061,000	53,572,176	111,332,449
Smith	350,000	4,978,940	-
Stewart	-	-	-
Sullivan	350,000	8,849,000	5,800,000
Sumner	120,000	4,074,000	-
Tipton	1,119,000	7,039,272	5,794,177
Trousdale	-	-	-
Unicoi	457,000	-	-
Union	302,000	12,165,000	332,000
Van Buren	-	-	-
Warren	-	3,685,915	9,293,638
Washington	1,186,115	6,429,716	12,533,685
Wayne	1,187,736	3,545,000	2,925,000
Weakley	2,600,000	3,213,720	-
White	-	531,000	1,715,000
Williamson	209,000	500,000	303,000
Wilson	-	-	1,953,000
Total	\$ 198,477,342	\$ 495,558,579	\$ 355,574,530

SYSTEM BRIDGE NEEDS BY COUNTY



YEAR OF ESTIMATE: 2007

DEPARTMENT OF TRANSPORTATION

COUNTY	BRIDGE IMPROVEMENT	TOTAL PROJECT COST	COUNTY	BRIDGE IMPROVEMENT	TOTAL PROJECT COST
ANDERSON	\$18,323,000.00	\$27,496,000.00	LAUDERDALE	\$3,570,000.00	\$5,366,000.00
BEDFORD	\$13,778,000.00	\$20,687,000.00	LAWRENCE	\$2,547,000.00	\$3,825,000.00
BENTON	\$680,000.00	\$1,023,000.00	LEWIS	\$1,391,000.00	\$2,088,000.00
BLED SOE	\$1,292,000.00	\$1,945,000.00	LINCOLN	\$10,339,000.00	\$15,520,000.00
BLOUNT	\$6,948,000.00	\$10,433,000.00	LOUDON	\$3,064,000.00	\$4,602,000.00
BRADLEY	\$20,339,000.00	\$30,522,000.00	MCMINN	\$1,766,000.00	\$2,655,000.00
CAMPBELL	\$7,672,000.00	\$11,518,000.00	MCNAIRY	\$8,926,000.00	\$13,398,000.00
CANNON	\$1,056,000.00	\$1,587,000.00	MACON	\$909,000.00	\$1,369,000.00
CARROLL	\$10,294,000.00	\$15,462,000.00	MADISON	\$9,542,000.00	\$14,326,000.00
CARTER	\$9,324,000.00	\$13,996,000.00	MARION	\$22,313,000.00	\$33,477,000.00
CHEATHAM	\$11,379,000.00	\$17,079,000.00	MARSHALL	\$9,504,000.00	\$14,269,000.00
CHESTER	\$2,196,000.00	\$3,295,000.00	MAURY	\$10,636,000.00	\$15,973,000.00
CLAIBORNE	\$4,519,000.00	\$6,784,000.00	MEIGS	\$7,705,000.00	\$11,560,000.00
CLAY	\$1,086,000.00	\$1,630,000.00	MONROE	\$1,031,000.00	\$1,549,000.00
COCKE	\$24,521,000.00	\$36,791,000.00	MONTGOMERY	\$4,896,000.00	\$7,347,000.00
COFFEE	\$17,877,000.00	\$26,827,000.00	MOORE	\$1,303,000.00	\$1,958,000.00
CROCKETT	\$1,227,000.00	\$1,843,000.00	MORGAN	\$4,850,000.00	\$7,284,000.00
CUMBERLAND	\$5,140,000.00	\$7,716,000.00	OBION	\$10,026,000.00	\$15,051,000.00
DAVIDSON	\$101,126,000.00	\$151,745,000.00	OVERTON	\$2,776,000.00	\$4,170,000.00
DECATUR	\$2,716,000.00	\$4,077,000.00	PERRY	\$10,883,000.00	\$16,331,000.00
DEKALB	\$12,092,000.00	\$18,140,000.00	PICKETT	\$489,000.00	\$736,000.00
DICKSON	\$10,982,000.00	\$16,485,000.00	POLK	\$11,435,000.00	\$17,165,000.00
DYER	\$25,484,000.00	\$38,241,000.00	PUTNAM	\$1,165,000.00	\$1,751,000.00
FAYETTE	\$22,358,000.00	\$33,564,000.00	RHEA	\$17,622,000.00	\$26,443,000.00
FENTRESS	\$3,774,000.00	\$5,664,000.00	ROANE	\$16,733,000.00	\$25,110,000.00
FRANKLIN	\$10,503,000.00	\$15,762,000.00	ROBERTSON	\$6,286,000.00	\$9,434,000.00
GIBSON	\$8,053,000.00	\$12,093,000.00	RUTHERFORD	\$3,276,000.00	\$4,922,000.00
GILES	\$5,729,000.00	\$8,607,000.00	SCOTT	\$1,160,000.00	\$1,742,000.00
GRAINGER	\$13,522,000.00	\$20,289,000.00	SEQUATCHIE	\$2,440,000.00	\$3,666,000.00
GREENE	\$4,008,000.00	\$6,019,000.00	SEVIER	\$22,758,000.00	\$34,155,000.00
GRUNDY	\$6,952,000.00	\$10,436,000.00	SHELBY	\$246,225,500.00	\$369,411,000.00
HAMBLIN	\$5,497,000.00	\$8,252,000.00	SMITH	\$16,413,000.00	\$24,631,000.00
HAMILTON	\$71,309,000.00	\$107,006,000.00	STEWART	\$596,000.00	\$895,000.00
HANCOCK	\$2,354,000.00	\$3,532,000.00	SULLIVAN	\$64,201,000.00	\$96,336,000.00
HARDEMAN	\$10,986,000.00	\$16,486,000.00	SUMNER	\$8,641,000.00	\$12,984,000.00
HARDIN	\$3,365,000.00	\$5,052,000.00	TIPTON	\$3,395,000.00	\$5,100,000.00
HAWKINS	\$15,916,000.00	\$23,885,000.00	TROUSDALE	\$1,839,000.00	\$2,763,000.00
HAYWOOD	\$32,982,000.00	\$49,509,000.00	UNICOI	\$3,116,000.00	\$4,677,000.00
HENDERSON	\$6,755,000.00	\$10,143,000.00	UNION	\$15,930,000.00	\$23,898,000.00
HENRY	\$4,535,000.00	\$6,809,000.00	VAN BUREN		
HICKMAN	\$12,651,000.00	\$18,983,000.00	WARREN	\$17,348,000.00	\$26,031,000.00
HOUSTON	\$2,826,000.00	\$4,242,000.00	WASHINGTON	\$4,077,000.00	\$6,123,000.00
HUMPHREYS	\$6,941,000.00	\$10,419,000.00	WAYNE	\$225,000.00	\$338,000.00
JACKSON	\$1,044,000.00	\$1,569,000.00	WEAKLEY	\$2,034,000.00	\$3,053,000.00
JEFFERSON	\$57,373,000.00	\$86,071,000.00	WHITE	\$480,000.00	\$721,000.00
JOHNSON	\$2,785,000.00	\$4,182,000.00	WILLIAMSON	\$12,964,000.00	\$19,468,000.00
KNOX	\$85,639,000.00	\$128,498,000.00	WILSON	\$23,978,000.00	\$35,984,000.00
LAKE	\$2,304,000.00	\$3,459,000.00			
REGION 1:	\$395,321,000.00	\$593,222,000.00	REGION 3:	\$292,038,000.00	\$438,346,000.00
REGION 2:	\$238,003,000.00	\$357,179,000.00	REGION 4:	\$417,653,500.00	\$626,761,000.00
			STATEWIDE:	\$1,343,015,500.00	\$2,015,508,000.00

Thursday, September 13, 2007

SYSTEM STR DEF BRIDGE NEEDS



YEAR OF ESTIMATE: 2007

DEPARTMENT OF TRANSPORTATION

COUNTY	BRIDGE IMPROVEMENT	TOTAL PROJECT COST	COUNTY	BRIDGE IMPROVEMENT	TOTAL PROJECT COST
ANDERSON			LAUDERDALE	\$890,000.00	\$1,336,000.00
BEDFORD	\$2,611,000.00	\$3,917,000.00	LAWRENCE		
BENTON			LEWIS	\$236,000.00	\$355,000.00
BLED SOE	\$198,000.00	\$298,000.00	LINCOLN	\$242,000.00	\$364,000.00
BLOUNT	\$1,897,000.00	\$2,847,000.00	LOUDON		
BRADLEY	\$13,910,000.00	\$20,868,000.00	MCMINN	\$103,000.00	\$155,000.00
CAMPBELL	\$2,256,000.00	\$3,386,000.00	MCNAIRY	\$8,669,000.00	\$13,012,000.00
CANNON			MACON	\$250,000.00	\$376,000.00
CARROLL	\$9,125,000.00	\$13,704,000.00	MADISON	\$2,806,000.00	\$4,212,000.00
CARTER	\$4,187,000.00	\$6,283,000.00	MARION	\$1,384,000.00	\$2,077,000.00
CHEATHAM	\$6,560,000.00	\$9,841,000.00	MARSHALL	\$2,091,000.00	\$3,137,000.00
CHESTER			MAURY	\$1,894,000.00	\$2,844,000.00
CLAIBORNE	\$1,749,000.00	\$2,625,000.00	MEIGS	\$214,000.00	\$322,000.00
CLAY			MONROE		
COCKE	\$9,243,000.00	\$13,869,000.00	MONTGOMERY	\$4,231,000.00	\$6,348,000.00
COFFEE	\$1,010,000.00	\$1,516,000.00	MOORE		
CROCKETT	\$338,000.00	\$508,000.00	MORGAN	\$2,157,000.00	\$3,240,000.00
CUMBERLAND	\$3,338,000.00	\$5,010,000.00	OBION	\$6,622,000.00	\$9,940,000.00
DAVIDSON	\$25,987,000.00	\$38,997,000.00	OVERTON	\$340,000.00	\$511,000.00
DECATUR	\$883,000.00	\$1,325,000.00	PERRY	\$8,559,000.00	\$12,840,000.00
DEKALB			PICKETT	\$233,000.00	\$351,000.00
DICKSON	\$7,310,000.00	\$10,971,000.00	POLK	\$4,314,000.00	\$6,473,000.00
DYER	\$1,319,000.00	\$1,980,000.00	PUTNAM	\$271,000.00	\$407,000.00
FAYETTE	\$16,586,000.00	\$24,894,000.00	RHEA		
FENTRESS	\$3,564,000.00	\$5,348,000.00	ROANE	\$1,747,000.00	\$2,624,000.00
FRANKLIN			ROBERTSON	\$5,529,000.00	\$8,297,000.00
GIBSON	\$4,657,000.00	\$6,994,000.00	RUTHERFORD	\$1,685,000.00	\$2,530,000.00
GILES			SCOTT		
GRAINGER	\$2,651,000.00	\$3,977,000.00	SEQUATCHIE		
GREENE	\$586,000.00	\$881,000.00	SEVIER	\$6,221,000.00	\$9,336,000.00
GRUNDY	\$5,554,000.00	\$8,335,000.00	SHELBY	\$63,586,000.00	\$95,398,000.00
HAMBLIN			SMITH	\$11,339,000.00	\$17,011,000.00
HAMILTON	\$10,392,000.00	\$15,598,000.00	STEWART	\$596,000.00	\$895,000.00
HANCOCK	\$2,109,000.00	\$3,164,000.00	SULLIVAN	\$35,079,000.00	\$52,628,000.00
HARDEMAN	\$2,070,000.00	\$3,106,000.00	SUMNER	\$2,364,000.00	\$3,547,000.00
HARDIN			TIPTON	\$773,000.00	\$1,161,000.00
HAWKINS	\$8,323,000.00	\$12,490,000.00	TROUSDALE		
HAYWOOD	\$20,213,000.00	\$30,336,000.00	UNICOI	\$1,698,000.00	\$2,549,000.00
HENDERSON	\$1,994,000.00	\$2,994,000.00	UNION	\$15,240,000.00	\$22,861,000.00
HENRY	\$286,000.00	\$430,000.00	VAN BUREN		
HICKMAN	\$9,333,000.00	\$14,001,000.00	WARREN		
HOUSTON	\$1,230,000.00	\$1,846,000.00	WASHINGTON	\$865,000.00	\$1,300,000.00
HUMPHREYS	\$220,000.00	\$331,000.00	WAYNE		
JACKSON	\$660,000.00	\$992,000.00	WEAKLEY	\$989,000.00	\$1,485,000.00
JEFFERSON	\$47,431,000.00	\$71,148,000.00	WHITE		
JOHNSON	\$2,205,000.00	\$3,310,000.00	WILLIAMSON	\$3,624,000.00	\$5,440,000.00
KNOX	\$44,568,000.00	\$66,859,000.00	WILSON	\$3,420,000.00	\$5,133,000.00
LAKE	\$2,304,000.00	\$3,459,000.00			
REGION 1:	\$190,212,000.00	\$285,377,000.00	REGION 3:	\$99,311,000.00	\$149,021,000.00
REGION 2:	\$45,485,000.00	\$68,261,000.00	REGION 4:	\$144,110,000.00	\$216,274,000.00
			STATEWIDE:	\$479,118,000.00	\$718,933,000.00

Thursday, September 13, 2007

SYSTEM FUNC OBS BRIDGE NEEDS



YEAR OF ESTIMATE: 2007

DEPARTMENT OF TRANSPORTATION

COUNTY	BRIDGE IMPROVEMENT	TOTAL PROJECT COST	COUNTY	BRIDGE IMPROVEMENT	TOTAL PROJECT COST
ANDERSON	\$18,323,000.00	\$27,496,000.00	LAUDERDALE	\$2,680,000.00	\$4,030,000.00
BEDFORD	\$11,167,000.00	\$16,770,000.00	LAWRENCE	\$2,547,000.00	\$3,825,000.00
BENTON	\$680,000.00	\$1,023,000.00	LEWIS	\$1,155,000.00	\$1,733,000.00
BLED SOE	\$1,094,000.00	\$1,647,000.00	LINCOLN	\$10,097,000.00	\$15,156,000.00
BLOUNT	\$5,051,000.00	\$7,586,000.00	LOUDON	\$3,064,000.00	\$4,602,000.00
BRADLEY	\$6,429,000.00	\$9,654,000.00	MCMINN	\$1,663,000.00	\$2,500,000.00
CAMPBELL	\$5,416,000.00	\$8,132,000.00	MCNAIRY	\$257,000.00	\$386,000.00
CANNON	\$1,056,000.00	\$1,587,000.00	MACON	\$659,000.00	\$993,000.00
CARROLL	\$1,169,000.00	\$1,758,000.00	MADISON	\$6,736,000.00	\$10,114,000.00
CARTER	\$5,137,000.00	\$7,713,000.00	MARION	\$20,929,000.00	\$31,400,000.00
CHEATHAM	\$4,819,000.00	\$7,238,000.00	MARSHALL	\$7,413,000.00	\$11,132,000.00
CHESTER	\$2,196,000.00	\$3,295,000.00	MAURY	\$8,742,000.00	\$13,129,000.00
CLAIBORNE	\$2,770,000.00	\$4,159,000.00	MEIGS	\$7,491,000.00	\$11,238,000.00
CLAY	\$1,086,000.00	\$1,630,000.00	MONROE	\$1,031,000.00	\$1,549,000.00
COCKE	\$15,278,000.00	\$22,922,000.00	MONTGOMERY	\$665,000.00	\$999,000.00
COFFEE	\$16,867,000.00	\$25,311,000.00	MOORE	\$1,303,000.00	\$1,958,000.00
CROCKETT	\$889,000.00	\$1,335,000.00	MORGAN	\$2,693,000.00	\$4,044,000.00
CUMBERLAND	\$1,802,000.00	\$2,706,000.00	OBION	\$3,404,000.00	\$5,111,000.00
DAVIDSON	\$75,139,000.00	\$112,748,000.00	OVERTON	\$2,436,000.00	\$3,659,000.00
DECATUR	\$1,833,000.00	\$2,752,000.00	PERRY	\$2,324,000.00	\$3,491,000.00
DEKALB	\$12,092,000.00	\$18,140,000.00	PICKETT	\$256,000.00	\$385,000.00
DICKSON	\$3,672,000.00	\$5,514,000.00	POLK	\$7,121,000.00	\$10,692,000.00
DYER	\$24,165,000.00	\$36,261,000.00	PUTNAM	\$894,000.00	\$1,344,000.00
FAYETTE	\$5,772,000.00	\$8,670,000.00	RHEA	\$17,622,000.00	\$26,443,000.00
FENTRESS	\$210,000.00	\$316,000.00	ROANE	\$14,986,000.00	\$22,486,000.00
FRANKLIN	\$10,503,000.00	\$15,762,000.00	ROBERTSON	\$757,000.00	\$1,137,000.00
GIBSON	\$3,396,000.00	\$5,099,000.00	RUTHERFORD	\$1,591,000.00	\$2,392,000.00
GILES	\$5,729,000.00	\$8,607,000.00	SCOTT	\$1,160,000.00	\$1,742,000.00
GRAINGER	\$10,871,000.00	\$16,312,000.00	SEQUATCHIE	\$2,440,000.00	\$3,666,000.00
GREENE	\$3,422,000.00	\$5,138,000.00	SEVIER	\$16,537,000.00	\$24,819,000.00
GRUNDY	\$1,398,000.00	\$2,101,000.00	SHELBY	\$182,639,500.00	\$274,013,000.00
HAMBLIN	\$5,497,000.00	\$8,252,000.00	SMITH	\$5,074,000.00	\$7,620,000.00
HAMILTON	\$60,917,000.00	\$91,408,000.00	STEWART		
HANCOCK	\$245,000.00	\$368,000.00	SULLIVAN	\$29,122,000.00	\$43,708,000.00
HARDEMAN	\$8,916,000.00	\$13,380,000.00	SUMNER	\$6,277,000.00	\$9,437,000.00
HARDIN	\$3,365,000.00	\$5,052,000.00	TIPTON	\$2,622,000.00	\$3,939,000.00
HAWKINS	\$7,593,000.00	\$11,395,000.00	TROUSDALE	\$1,839,000.00	\$2,763,000.00
HAYWOOD	\$12,769,000.00	\$19,173,000.00	UNICOI	\$1,418,000.00	\$2,128,000.00
HENDERSON	\$4,761,000.00	\$7,149,000.00	UNION	\$690,000.00	\$1,037,000.00
HENRY	\$4,249,000.00	\$6,379,000.00	VAN BUREN		
HICKMAN	\$3,318,000.00	\$4,982,000.00	WARREN	\$17,348,000.00	\$26,031,000.00
HOUSTON	\$1,596,000.00	\$2,396,000.00	WASHINGTON	\$3,212,000.00	\$4,823,000.00
HUMPHREYS	\$6,721,000.00	\$10,088,000.00	WAYNE	\$225,000.00	\$338,000.00
JACKSON	\$384,000.00	\$577,000.00	WEAKLEY	\$1,045,000.00	\$1,568,000.00
JEFFERSON	\$9,942,000.00	\$14,923,000.00	WHITE	\$480,000.00	\$721,000.00
JOHNSON	\$580,000.00	\$872,000.00	WILLIAMSON	\$9,340,000.00	\$14,028,000.00
KNOX	\$41,071,000.00	\$61,639,000.00	WILSON	\$20,558,000.00	\$30,851,000.00
LAKE					
REGION 1:	\$205,109,000.00	\$307,845,000.00	REGION 3:	\$192,727,000.00	\$289,325,000.00
REGION 2:	\$192,518,000.00	\$288,918,000.00	REGION 4:	\$273,543,500.00	\$410,487,000.00
			STATEWIDE:	\$863,897,500.00	\$1,296,575,000.00

Thursday, September 13, 2007

NON-SYSTEM BRIDGE NEEDS BY COUNTY



YEAR OF ESTIMATE: 2007

DEPARTMENT OF TRANSPORTATION

COUNTY	BRIDGE IMPROVEMENT	TOTAL PROJECT COST	COUNTY	BRIDGE IMPROVEMENT	TOTAL PROJECT COST
ANDERSON	\$7,024,000.00	\$10,559,000.00	LAUDERDALE	\$7,025,000.00	\$10,562,000.00
BEDFORD	\$6,536,000.00	\$9,823,000.00	LAWRENCE	\$5,090,000.00	\$7,653,000.00
BENTON	\$2,116,000.00	\$3,181,000.00	LEWIS	\$3,021,000.00	\$4,542,000.00
BLEDSE	\$2,032,000.00	\$3,058,000.00	LINCOLN	\$7,266,000.00	\$10,929,000.00
BLOUNT	\$12,777,000.00	\$19,191,000.00	LOUDON	\$2,398,000.00	\$3,604,000.00
BRADLEY	\$6,727,000.00	\$10,113,000.00	MCMINN	\$3,051,000.00	\$4,585,000.00
CAMPBELL	\$6,806,000.00	\$10,225,000.00	MCNAIRY	\$4,696,000.00	\$7,057,000.00
CANNON	\$9,533,000.00	\$14,333,000.00	MACON	\$2,940,000.00	\$4,424,000.00
CARROLL	\$3,527,000.00	\$5,302,000.00	MADISON	\$13,481,000.00	\$20,254,000.00
CARTER	\$12,751,000.00	\$19,165,000.00	MARION	\$4,215,000.00	\$6,332,000.00
CHEATHAM	\$5,482,000.00	\$8,235,000.00	MARSHALL	\$4,142,000.00	\$6,234,000.00
CHESTER	\$3,331,000.00	\$5,006,000.00	MAURY	\$28,588,000.00	\$42,947,000.00
CLAIBORNE	\$3,827,000.00	\$5,750,000.00	MEIGS	\$2,131,000.00	\$3,201,000.00
CLAY	\$2,294,000.00	\$3,449,000.00	MONROE	\$3,769,000.00	\$5,664,000.00
COCKE	\$12,003,000.00	\$18,037,000.00	MONTGOMERY	\$3,066,000.00	\$4,605,000.00
COFFEE	\$7,899,000.00	\$11,875,000.00	MOORE	\$181,000.00	\$273,000.00
CROCKETT	\$4,025,000.00	\$6,053,000.00	MORGAN	\$4,138,000.00	\$6,219,000.00
CUMBERLAND	\$2,823,000.00	\$4,243,000.00	OBION	\$13,872,000.00	\$20,832,000.00
DAVIDSON	\$21,671,000.00	\$32,554,000.00	OVERTON	\$1,982,000.00	\$2,977,000.00
DECATUR	\$1,666,000.00	\$2,505,000.00	PERRY	\$3,047,000.00	\$4,579,000.00
DEKALB	\$3,509,000.00	\$5,276,000.00	PICKETT		
DICKSON	\$2,991,000.00	\$4,496,000.00	POLK	\$3,761,000.00	\$5,650,000.00
DYER	\$8,998,000.00	\$13,524,000.00	PUTNAM	\$5,587,000.00	\$8,394,000.00
FAYETTE	\$14,881,000.00	\$22,353,000.00	RHEA	\$1,912,000.00	\$2,874,000.00
FENTRESS	\$1,918,000.00	\$2,883,000.00	ROANE	\$3,905,000.00	\$5,865,000.00
FRANKLIN	\$2,575,000.00	\$3,871,000.00	ROBERTSON	\$2,679,000.00	\$4,029,000.00
GIBSON	\$9,820,000.00	\$14,765,000.00	RUTHERFORD	\$9,525,000.00	\$14,310,000.00
GILES	\$8,195,000.00	\$12,321,000.00	SCOTT	\$5,541,000.00	\$8,329,000.00
GRAINGER	\$5,201,000.00	\$7,816,000.00	SEQUATCHIE	\$1,014,000.00	\$1,523,000.00
GREENE	\$10,776,000.00	\$16,198,000.00	SEVIER	\$8,805,000.00	\$13,231,000.00
GRUNDY	\$514,000.00	\$773,000.00	SHELBY	\$82,598,000.00	\$123,963,000.00
HAMBLIN	\$1,701,000.00	\$2,559,000.00	SMITH	\$19,659,000.00	\$29,501,000.00
HAMILTON	\$37,881,000.00	\$56,853,000.00	STEWART	\$646,000.00	\$971,000.00
HANCOCK	\$1,002,000.00	\$1,507,000.00	SULLIVAN	\$19,270,500.00	\$28,938,000.00
HARDEMAN	\$5,345,000.00	\$8,030,000.00	SUMNER	\$9,195,000.00	\$13,832,000.00
HARDIN	\$7,504,000.00	\$11,277,000.00	TIPTON	\$9,853,000.00	\$14,813,000.00
HAWKINS	\$14,409,000.00	\$21,636,000.00	TROUSDALE	\$285,000.00	\$429,000.00
HAYWOOD	\$3,560,000.00	\$5,352,000.00	UNICOI	\$3,305,000.00	\$4,972,000.00
HENDERSON	\$3,682,000.00	\$5,534,000.00	UNION	\$3,106,000.00	\$4,671,000.00
HENRY	\$6,786,000.00	\$10,197,000.00	VAN BUREN		
HICKMAN	\$10,058,000.00	\$15,122,000.00	WARREN	\$5,524,000.00	\$8,304,000.00
HOUSTON	\$210,000.00	\$316,000.00	WASHINGTON	\$8,123,000.00	\$12,211,000.00
HUMPHREYS	\$17,534,000.00	\$26,320,000.00	WAYNE	\$8,222,000.00	\$12,360,000.00
JACKSON	\$4,855,000.00	\$7,299,000.00	WEAKLEY	\$8,794,000.00	\$13,217,000.00
JEFFERSON	\$4,211,000.00	\$6,332,000.00	WHITE	\$2,896,000.00	\$4,348,000.00
JOHNSON	\$4,947,000.00	\$7,440,000.00	WILLIAMSON	\$8,050,000.00	\$12,100,000.00
KNOX	\$60,767,000.00	\$91,219,000.00	WILSON	\$12,895,000.00	\$19,390,000.00
LAKE	\$1,179,000.00	\$1,771,000.00			
REGION 1:	\$220,562,500.00	\$331,338,000.00	REGION 3:	\$201,174,000.00	\$302,295,000.00
REGION 2:	\$114,633,000.00	\$172,214,000.00	REGION 4:	\$216,739,000.00	\$325,548,000.00
			STATEWIDE:	\$753,108,500.00	\$1,131,395,000.00

Thursday, September 13, 2007

NON-SYSTEM STR DEF BRIDGE NEEDS



YEAR OF ESTIMATE: 2007

DEPARTMENT OF TRANSPORTATION

COUNTY	BRIDGE IMPROVEMENT	TOTAL PROJECT COST	COUNTY	BRIDGE IMPROVEMENT	TOTAL PROJECT COST
ANDERSON	\$2,882,000.00	\$4,331,000.00	LAUDERDALE	\$5,779,000.00	\$8,689,000.00
BEDFORD	\$1,374,000.00	\$2,064,000.00	LAWRENCE	\$309,000.00	\$465,000.00
BENTON	\$878,000.00	\$1,321,000.00	LEWIS	\$1,722,000.00	\$2,588,000.00
BLED SOE	\$807,000.00	\$1,215,000.00	LINCOLN	\$1,461,000.00	\$2,195,000.00
BLOUNT	\$4,711,000.00	\$7,075,000.00	LOUDON	\$1,110,000.00	\$1,668,000.00
BRADLEY	\$2,183,000.00	\$3,280,000.00	MCMINN	\$46,000.00	\$70,000.00
CAMPBELL	\$1,788,000.00	\$2,687,000.00	MCNAIRY	\$1,864,000.00	\$2,803,000.00
CANNON	\$3,603,000.00	\$5,419,000.00	MACON	\$1,607,000.00	\$2,416,000.00
CARROLL	\$2,335,000.00	\$3,508,000.00	MADISON	\$6,544,000.00	\$9,831,000.00
CARTER	\$9,722,000.00	\$14,608,000.00	MARION	\$304,000.00	\$457,000.00
CHEATHAM	\$1,724,000.00	\$2,590,000.00	MARSHALL	\$350,000.00	\$526,000.00
CHESTER	\$2,034,000.00	\$3,057,000.00	MAURY	\$13,474,000.00	\$20,234,000.00
CLAIBORNE	\$1,091,000.00	\$1,641,000.00	MEIGS	\$849,000.00	\$1,275,000.00
CLAY	\$1,318,000.00	\$1,981,000.00	MONROE	\$1,945,000.00	\$2,923,000.00
COCKE	\$6,868,000.00	\$10,320,000.00	MONTGOMERY	\$668,000.00	\$1,003,000.00
COFFEE	\$1,485,000.00	\$2,232,000.00	MOORE	\$69,000.00	\$104,000.00
CROCKETT	\$2,806,000.00	\$4,219,000.00	MORGAN	\$1,275,000.00	\$1,917,000.00
CUMBERLAND	\$837,000.00	\$1,258,000.00	OBION	\$10,346,000.00	\$15,531,000.00
DAVIDSON	\$5,054,000.00	\$7,590,000.00	OVERTON	\$1,982,000.00	\$2,977,000.00
DECATUR	\$1,239,000.00	\$1,863,000.00	PERRY	\$844,000.00	\$1,268,000.00
DEKALB	\$2,296,000.00	\$3,450,000.00	PICKETT		
DICKSON	\$707,000.00	\$1,061,000.00	POLK	\$1,563,000.00	\$2,346,000.00
DYER	\$6,660,000.00	\$10,010,000.00	PUTNAM	\$970,000.00	\$1,457,000.00
FAYETTE	\$13,016,000.00	\$19,551,000.00	RHEA		
FENTRESS	\$1,252,000.00	\$1,882,000.00	ROANE	\$1,884,000.00	\$2,829,000.00
FRANKLIN	\$558,000.00	\$839,000.00	ROBERTSON	\$755,000.00	\$1,133,000.00
GIBSON	\$7,011,000.00	\$10,540,000.00	RUTHERFORD	\$2,430,000.00	\$3,647,000.00
GILES	\$1,894,000.00	\$2,846,000.00	SCOTT	\$2,446,000.00	\$3,677,000.00
GRAINGER	\$2,342,000.00	\$3,519,000.00	SEQUATCHIE	\$521,000.00	\$782,000.00
GREENE	\$4,291,000.00	\$6,443,000.00	SEVIER	\$1,971,000.00	\$2,960,000.00
GRUNDY	\$363,000.00	\$546,000.00	SHELBY	\$43,576,000.00	\$65,384,000.00
HAMBLIN	\$182,000.00	\$274,000.00	SMITH	\$17,808,000.00	\$26,718,000.00
HAMILTON	\$15,905,000.00	\$23,863,000.00	STEWART	\$646,000.00	\$971,000.00
HANCOCK	\$475,000.00	\$714,000.00	SULLIVAN	\$3,852,000.00	\$5,791,000.00
HARDEMAN	\$1,950,000.00	\$2,931,000.00	SUMNER	\$1,993,000.00	\$2,992,000.00
HARDIN	\$3,122,000.00	\$4,693,000.00	TIPTON	\$5,513,000.00	\$8,288,000.00
HAWKINS	\$2,505,000.00	\$3,762,000.00	TROUSDALE		
HAYWOOD	\$2,340,000.00	\$3,518,000.00	UNICOI	\$1,150,000.00	\$1,729,000.00
HENDERSON	\$2,238,000.00	\$3,365,000.00	UNION	\$2,042,000.00	\$3,071,000.00
HENRY	\$5,080,000.00	\$7,635,000.00	VAN BUREN		
HICKMAN	\$4,245,000.00	\$6,378,000.00	WARREN	\$868,000.00	\$1,305,000.00
HOUSTON	\$179,000.00	\$269,000.00	WASHINGTON	\$3,608,000.00	\$5,420,000.00
HUMPHREYS	\$12,520,000.00	\$18,790,000.00	WAYNE	\$5,160,000.00	\$7,754,000.00
JACKSON	\$1,490,000.00	\$2,239,000.00	WEAKLEY	\$5,358,000.00	\$8,053,000.00
JEFFERSON	\$2,654,000.00	\$3,990,000.00	WHITE	\$1,927,000.00	\$2,894,000.00
JOHNSON	\$2,402,000.00	\$3,614,000.00	WILLIAMSON	\$772,000.00	\$1,161,000.00
KNOX	\$21,233,000.00	\$31,865,000.00	WILSON	\$143,000.00	\$215,000.00
LAKE	\$1,179,000.00	\$1,771,000.00			
REGION 1:	\$84,429,000.00	\$126,828,000.00	REGION 3:	\$77,908,000.00	\$116,978,000.00
REGION 2:	\$41,127,000.00	\$61,767,000.00	REGION 4:	\$130,868,000.00	\$196,561,000.00
			STATEWIDE:	\$334,332,000.00	\$502,134,000.00

Thursday, September 13, 2007

NON-SYSTEM FUNC OBS BRIDGE NEEDS



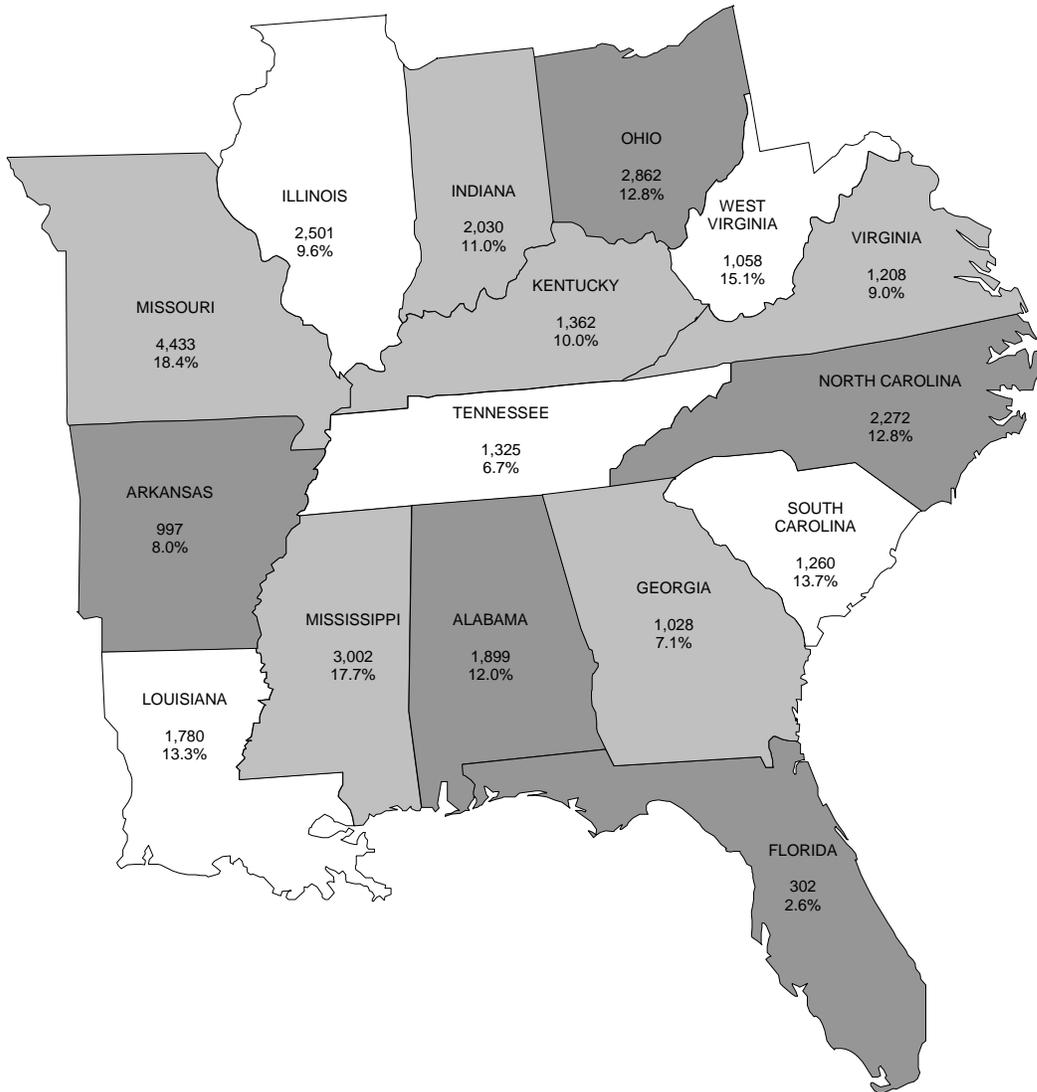
YEAR OF ESTIMATE: 2007

DEPARTMENT OF TRANSPORTATION

COUNTY	BRIDGE IMPROVEMENT	TOTAL PROJECT COST	COUNTY	BRIDGE IMPROVEMENT	TOTAL PROJECT COST
ANDERSON	\$4,142,000.00	\$6,228,000.00	LAUDERDALE	\$1,246,000.00	\$1,873,000.00
BEDFORD	\$5,162,000.00	\$7,759,000.00	LAWRENCE	\$4,781,000.00	\$7,188,000.00
BENTON	\$1,238,000.00	\$1,860,000.00	LEWIS	\$1,299,000.00	\$1,954,000.00
BLED SOE	\$1,225,000.00	\$1,843,000.00	LINCOLN	\$5,805,000.00	\$8,734,000.00
BLOUNT	\$8,066,000.00	\$12,116,000.00	LOUDON	\$1,288,000.00	\$1,936,000.00
BRADLEY	\$4,544,000.00	\$6,833,000.00	MCMINN	\$3,005,000.00	\$4,515,000.00
CAMPBELL	\$5,018,000.00	\$7,538,000.00	MCNAIRY	\$2,832,000.00	\$4,254,000.00
CANNON	\$5,930,000.00	\$8,914,000.00	MACON	\$1,333,000.00	\$2,008,000.00
CARROLL	\$1,192,000.00	\$1,794,000.00	MADISON	\$6,937,000.00	\$10,423,000.00
CARTER	\$3,029,000.00	\$4,557,000.00	MARION	\$3,911,000.00	\$5,875,000.00
CHEATHAM	\$3,758,000.00	\$5,645,000.00	MARSHALL	\$3,792,000.00	\$5,708,000.00
CHESTER	\$1,297,000.00	\$1,949,000.00	MAURY	\$15,114,000.00	\$22,713,000.00
CLAIBORNE	\$2,736,000.00	\$4,109,000.00	MEIGS	\$1,282,000.00	\$1,926,000.00
CLAY	\$976,000.00	\$1,468,000.00	MONROE	\$1,824,000.00	\$2,741,000.00
COCKE	\$5,135,000.00	\$7,717,000.00	MONTGOMERY	\$2,398,000.00	\$3,602,000.00
COFFEE	\$6,414,000.00	\$9,643,000.00	MOORE	\$112,000.00	\$169,000.00
CROCKETT	\$1,219,000.00	\$1,834,000.00	MORGAN	\$2,863,000.00	\$4,302,000.00
CUMBERLAND	\$1,986,000.00	\$2,985,000.00	OBION	\$3,526,000.00	\$5,301,000.00
DAVIDSON	\$16,617,000.00	\$24,964,000.00	OVERTON		
DECATUR	\$427,000.00	\$642,000.00	PERRY	\$2,203,000.00	\$3,311,000.00
DEKALB	\$1,213,000.00	\$1,826,000.00	PICKETT		
DICKSON	\$2,284,000.00	\$3,435,000.00	POLK	\$2,198,000.00	\$3,304,000.00
DYER	\$2,338,000.00	\$3,514,000.00	PUTNAM	\$4,617,000.00	\$6,937,000.00
FAYETTE	\$1,865,000.00	\$2,802,000.00	RHEA	\$1,912,000.00	\$2,874,000.00
FENTRESS	\$666,000.00	\$1,001,000.00	ROANE	\$2,021,000.00	\$3,036,000.00
FRANKLIN	\$2,017,000.00	\$3,032,000.00	ROBERTSON	\$1,924,000.00	\$2,896,000.00
GIBSON	\$2,809,000.00	\$4,225,000.00	RUTHERFORD	\$7,095,000.00	\$10,663,000.00
GILES	\$6,301,000.00	\$9,475,000.00	SCOTT	\$3,095,000.00	\$4,652,000.00
GRAINGER	\$2,859,000.00	\$4,297,000.00	SEQUATCHIE	\$493,000.00	\$741,000.00
GREENE	\$6,485,000.00	\$9,755,000.00	SEVIER	\$6,834,000.00	\$10,271,000.00
GRUNDY	\$151,000.00	\$227,000.00	SHELBY	\$39,022,000.00	\$58,579,000.00
HAMBLIN	\$1,519,000.00	\$2,285,000.00	SMITH	\$1,851,000.00	\$2,783,000.00
HAMILTON	\$21,976,000.00	\$32,990,000.00	STEWART		
HANCOCK	\$527,000.00	\$793,000.00	SULLIVAN	\$15,418,500.00	\$23,147,000.00
HARDEMAN	\$3,395,000.00	\$5,099,000.00	SUMNER	\$7,202,000.00	\$10,840,000.00
HARDIN	\$4,382,000.00	\$6,584,000.00	TIPTON	\$4,340,000.00	\$6,525,000.00
HAWKINS	\$11,904,000.00	\$17,874,000.00	TROUSDALE	\$285,000.00	\$429,000.00
HAYWOOD	\$1,220,000.00	\$1,834,000.00	UNICOI	\$2,155,000.00	\$3,243,000.00
HENDERSON	\$1,444,000.00	\$2,169,000.00	UNION	\$1,064,000.00	\$1,600,000.00
HENRY	\$1,706,000.00	\$2,562,000.00	VAN BUREN		
HICKMAN	\$5,813,000.00	\$8,744,000.00	WARREN	\$4,656,000.00	\$6,999,000.00
HOUSTON	\$31,000.00	\$47,000.00	WASHINGTON	\$4,515,000.00	\$6,791,000.00
HUMPHREYS	\$5,014,000.00	\$7,530,000.00	WAYNE	\$3,062,000.00	\$4,606,000.00
JACKSON	\$3,365,000.00	\$5,060,000.00	WEAKLEY	\$3,436,000.00	\$5,164,000.00
JEFFERSON	\$1,557,000.00	\$2,342,000.00	WHITE	\$969,000.00	\$1,454,000.00
JOHNSON	\$2,545,000.00	\$3,826,000.00	WILLIAMSON	\$7,278,000.00	\$10,939,000.00
KNOX	\$39,534,000.00	\$59,354,000.00	WILSON	\$12,752,000.00	\$19,175,000.00
LAKE					
REGION 1:	\$136,133,500.00	\$204,510,000.00	REGION 3:	\$123,266,000.00	\$185,317,000.00
REGION 2:	\$73,506,000.00	\$110,447,000.00	REGION 4:	\$85,871,000.00	\$128,987,000.00
			STATEWIDE:	\$418,776,500.00	\$629,261,000.00

Thursday, September 13, 2007

Structurally Deficient Bridges in the Southeastern States December 2007*



* <http://www.fhwa.dot.gov/bridge/deficient.htm>. Federal Highway Administration December 2007.