

STATE OF MISSOURI
SUMMARY OF STATE INDEBTEDNESS
As of July 1, 2016

Series	Principal Amount Issued	Principal Amount Repaid/ Refunded/Defeased	Principal Outstanding July 1, 2016
General Obligation Bonds	\$ 1,953,394,240	\$ 1,744,514,240	\$ 208,880,000
Revenue Bonds	2,054,135,000	1,376,045,000	678,090,000
Other Appropriation Debt/Payments	407,077,979	121,818,401	285,259,578
Transportation Debt/Payments	<u>5,238,445,000</u>	<u>2,897,295,000</u>	<u>2,341,150,000</u>
Totals Including Refunding Issues *	<u>\$ 9,653,052,219</u>	<u>\$ 6,139,672,641</u>	<u>\$ 3,513,379,578</u>

*Note: The Other Appropriation Debt does not include refunding series.

STATE OF MISSOURI
SUMMARY ANNUAL DEBT SERVICE
As of July 1, 2016

Fiscal Year	General Obligation Bonds	Revenue Bonds	Other Appropriation Debt/ Payments	Transportation Debt/ Payments	Total
2017	61,928,731.26	63,607,339.46	49,353,772.00	294,679,760.00	469,569,602.72
2018	55,727,256.26	63,536,225.02	47,071,611.29	295,528,888.54	461,863,981.11
2019	42,287,281.26	63,459,125.02	46,113,617.99	295,380,224.94	447,240,249.21
2020	24,035,056.26	63,299,625.02	32,082,040.98	294,561,607.00	413,978,329.26
2021	17,545,456.26	63,202,875.02	31,654,631.27	278,522,212.92	390,925,175.47
2022	17,523,840.63	63,106,787.52	21,177,229.83	266,126,865.00	367,934,722.98
2023	12,392,250.00	63,112,300.02	11,702,784.42	246,121,087.60	333,328,422.04
2024	-	62,524,825.02	10,524,014.74	211,906,625.94	284,955,465.70
2025	-	62,535,962.52	10,365,868.77	213,047,265.00	285,949,096.29
2026	-	62,214,687.52	10,362,100.02	193,701,509.00	266,278,296.54
2027	-	56,667,143.77	10,350,725.02	91,084,554.00	158,102,422.79
2028	-	54,021,450.02	10,352,900.02	74,169,141.84	138,543,491.88
2029	-	51,942,846.89	10,348,325.02	74,096,070.00	136,387,241.91
2030	-	19,720,756.26	10,342,381.27	44,977,905.78	75,041,043.31
2031	-	11,949,743.76	10,327,728.14	44,933,892.20	67,211,364.10
2032	-	4,852,034.38	7,921,375.01	44,884,065.20	57,657,474.59
2033	-	4,854,950.00	7,920,943.76	44,836,773.76	57,612,667.52
2034	-	4,857,850.00	7,913,768.76	-	12,771,618.76
2035	-	4,856,700.00	7,902,881.26	-	12,759,581.26
2036	-	4,855,306.25	7,900,853.13	-	12,756,159.38
2037	-	2,232,162.50	5,658,400.00	-	7,890,562.50
2038	-	2,231,812.50	5,657,600.00	-	7,889,412.50
2039	-	2,233,925.00	5,658,600.00	-	7,892,525.00
2040	-	2,233,412.50	5,661,000.00	-	7,894,412.50
	<u>\$ 231,439,871.93</u>	<u>\$ 858,109,845.97</u>	<u>\$ 384,325,152.70</u>	<u>\$ 3,008,558,448.72</u>	<u>\$ 4,482,433,319.32</u>

General Obligation Bonds

General obligation bonds are secured by a pledge of the full faith, credit and resources of the State. The principal and interest amounts are transferred one year in advance from the General Revenue Fund to the debt service funds from which principal and interest payments are made. Three types of general obligation bonds are currently authorized and outstanding.

Water Pollution Control Bonds

The Board of Fund Commissioners is authorized by constitutional amendment to issue \$725,000,000 in Water Pollution Control general obligation bonds. These bonds are issued, upon approval of the General Assembly, to provide funds for State use to protect the environment through the control of water pollution. The principal and interest on these bonds are paid from moneys transferred from the General Revenue Fund and the Water and Wastewater Loan Revolving Fund to the Water Pollution Control Bond and Interest Fund. The Board began issuing Water Pollution Control Bonds in 1972.

Fourth State Building Bonds

The Board of Fund Commissioners is authorized by constitutional amendment to issue \$250,000,000 in Fourth State Building general obligation bonds. These bonds are issued, upon approval of the General Assembly, to provide funds for improvements of buildings and property of higher education institutions, the Department of Corrections, and the Division of Youth Services. The principal and interest on these bonds are paid from moneys transferred from the General Revenue Fund to the Fourth State Building Bond and Interest Fund. The Board began issuing Fourth State Building Bonds in 1995. There is no remaining amount of authorization to be issued for the Fourth State Building Bonds.

Stormwater Control Bonds

The Board of Fund Commissioners is authorized by constitutional amendment to issue \$200,000,000 in Stormwater Control general obligation bonds. These bonds are issued, upon approval of the General Assembly, to provide funds for State use to protect the environment through the control of stormwaters. The principal and interest on these bonds are paid from moneys transferred from the General Revenue Fund to the Stormwater Control Bond and Interest Fund.

STATE OF MISSOURI
SUMMARY OF OUTSTANDING GENERAL OBLIGATION BONDS
As of July 1, 2016

Series	Principal Amount Issued	Principal Amount Repaid	Principal Amount Refunded/Defeased	Principal Outstanding July 1, 2016
Water Pollution Control	\$ 1,316,444,240	\$ 488,354,240	\$ 723,795,000	\$ 104,295,000
Fourth State Building	559,625,000	146,090,000	319,480,000	94,055,000
Stormwater Control	77,325,000	30,625,000	36,170,000	10,530,000
Totals	<u>\$ 1,953,394,240</u>	<u>\$ 665,069,240</u>	<u>\$ 1,079,445,000</u>	<u>\$ 208,880,000</u>

Note: Includes Refunding Issues

STATE OF MISSOURI
SUMMARY OF GENERAL OBLIGATION BOND ISSUANCES
As of July 1, 2016

	Final Maturity Fiscal Year	Principal Amount Issued	Principal Amount Repaid	Principal Amount Refunded/Deceased	Principal Outstanding July 1, 2016
Water Pollution Control Bonds					
Series A 1972	1997	\$ 20,000,000	\$ 20,000,000	\$ -	\$ -
Series A 1974	1999	8,000,000	8,000,000	-	-
Series B 1974	1995	15,000,000	15,000,000	-	-
Series A 1977	1997	31,494,240	31,494,240	-	-
Series A 1981	Refunded	20,000,000	3,060,000	16,940,000	-
Series A 1983	Refunded	20,000,000	3,585,000	16,415,000	-
Series B 1983	Refunded	10,000,000	375,000	9,625,000	-
Series A 1985	Refunded	20,000,000	425,000	19,575,000	-
Series A 1986	Refunded	60,000,000	13,600,000	46,400,000	-
Series B 1987	Refunded	35,000,000	4,305,000	30,695,000	-
Series A 1989	Refunded	35,000,000	7,720,000	27,280,000	-
Series A 1991	Refunded	35,000,000	7,650,000	27,350,000	-
Series A 1992	Refunded	35,000,000	8,440,000	26,560,000	-
Series A 1993	2004	30,000,000	7,650,000	22,350,000	-
Series A 1995	2005	30,000,000	7,480,000	22,520,000	-
Series A 1996	Refunded	35,000,000	6,940,000	28,060,000	-
Series A 1998	Refunded	35,000,000	6,320,000	28,680,000	-
Series A 1999	Refunded	20,000,000	2,405,000	17,595,000	-
Series A 2001	Refunded	20,000,000	4,890,000	15,110,000	-
Series A 2002	Refunded	30,000,000	6,550,000	23,450,000	-
Series A 2007	2022	50,000,000	7,935,000	31,385,000	10,680,000
Subtotal Excluding Refunding Issues		<u>594,494,240</u>	<u>173,824,240</u>	<u>409,990,000</u>	<u>10,680,000</u>
Series A 1987 Refunding	Refunded	49,715,000	16,475,000	33,240,000	-
Series B 1991 Refunding	Refunded	17,435,000	6,080,000	11,355,000	-
Series C 1991 Refunding	Refunded	33,575,000	11,700,000	21,875,000	-
Series B 1992 Refunding	Refunded	50,435,000	16,840,000	33,595,000	-
Series B 1993 Refunding	Refunded	109,415,000	32,875,000	76,540,000	-
Series B 2002 Refunding	Refunded	147,710,000	70,640,000	77,070,000	-
Series A 2003 Refunding	2017 *	74,655,000	20,690,000	51,535,000	2,430,000
Series A 2005 Refunding	2017	95,100,000	76,365,000	8,595,000	10,140,000
Series A 2010 Refunding	2023	81,450,000	24,830,000	-	56,620,000
Series A 2012 Refunding	2020	62,460,000	38,035,000	-	24,425,000
Water Pollution Control Total		<u>\$ 1,316,444,240</u>	<u>\$ 488,354,240</u>	<u>\$ 723,795,000</u>	<u>\$ 104,295,000</u>
Fourth State Building Bonds					
Series A 1995	2005	\$ 75,000,000	\$ 18,700,000	\$ 56,300,000	\$ -
Series A 1996	Refunded	125,000,000	24,800,000	100,200,000	-
Series A 1998	Refunded	50,000,000	9,030,000	40,970,000	-
Subtotal Excluding Refunding Issues		<u>250,000,000</u>	<u>52,530,000</u>	<u>197,470,000</u>	<u>-</u>
Series A 2002 Refunding	Refunded	154,840,000	35,335,000	119,505,000	-
Series A 2005 Refunding	2017 **	45,330,000	30,910,000	2,505,000	11,915,000
Series A 2010 Refunding	2023	9,060,000	2,760,000	-	6,300,000
Series A 2012 Refunding	2022	100,395,000	24,555,000	-	75,840,000
Fourth State Building Total		<u>\$ 559,625,000</u>	<u>\$ 146,090,000</u>	<u>\$ 319,480,000</u>	<u>\$ 94,055,000</u>

* FY06 - FY12 Refunded

** \$1,035,000 of Fourth State Building Bonds Series A 2005 Refunding was defeased on September 25, 2008.

STATE OF MISSOURI
SUMMARY OF GENERAL OBLIGATION BOND ISSUANCES (continued)
As of July 1, 2016

	Final Maturity Fiscal Year	Principal Amount Issued	Principal Amount Repaid	Principal Amount Refunded/Defeased	Principal Outstanding July 1, 2016
Stormwater Control Bonds					
Series A 1999	Refunded	\$ 20,000,000	\$ 2,405,000	\$ 17,595,000	\$ -
Series A 2001	Refunded *	10,000,000	2,445,000	7,555,000	-
Series A 2002	2016 *	15,000,000	4,885,000	10,115,000	-
Subtotal Excluding Refunding Issues		<u>45,000,000</u>	<u>9,735,000</u>	<u>35,265,000</u>	<u>-</u>
Series A 2005 Refunding	2016	17,175,000	16,270,000	905,000	-
Series A 2010 Refunding	2023	<u>15,150,000</u>	<u>4,620,000</u>	<u>-</u>	<u>10,530,000</u>
Stormwater Control Total		<u>\$ 77,325,000</u>	<u>\$ 30,625,000</u>	<u>\$ 36,170,000</u>	<u>\$ 10,530,000</u>
Total General Obligation Bonds		<u>\$ 1,953,394,240</u>	<u>\$ 665,069,240</u>	<u>\$ 1,079,445,000</u>	<u>\$ 208,880,000</u>

* \$235,000 of Stormwater Control Bonds Series A 2001 and \$1,640,000 of Stormwater Control Bonds Series A 2002 was defeased on August 1, 2007.

STATE OF MISSOURI
ANNUAL GENERAL OBLIGATION DEBT SERVICE
As of July 1, 2016

Fiscal Year	Water Pollution Control Bonds	Fourth State Building Bonds	Stormwater Control Bonds	Total
2017	30,113,706.26	30,025,900.00	1,789,125.00	61,928,731.26
2018	28,070,231.26	25,869,275.00	1,787,750.00	55,727,256.26
2019	14,576,631.26	25,927,525.00	1,783,125.00	42,287,281.26
2020	12,379,556.26	9,875,375.00	1,780,125.00	24,035,056.26
2021	11,596,006.26	4,170,950.00	1,778,500.00	17,545,456.26
2022	11,588,815.63	4,157,025.00	1,778,000.00	17,523,840.63
2023	9,553,000.00	1,060,875.00	1,778,375.00	12,392,250.00
	<u>\$ 117,877,946.93</u>	<u>\$ 101,086,925.00</u>	<u>\$ 12,475,000.00</u>	<u>\$ 231,439,871.93</u>

Revenue Bonds

Board of Public Buildings

The Board of Public Buildings of the State of Missouri, upon the approval of the General Assembly, issues Board of Public Buildings revenue bonds for building projects and commits State agencies to lease space in these buildings. The General Assembly appropriates to the Board, on behalf of the State agencies, amounts sufficient to pay the principal and interest on the bonds, maintain certain required reserves and to pay the costs of operations. The total statutorily authorized issuance amount for the Board is \$1,545,000,000, of which \$600,000,000 is available for repairs and maintenance projects. The Board's authority is established in Chapter 8 RSMo.

STATE OF MISSOURI
SUMMARY OF BOARD OF PUBLIC BUILDING ISSUANCES
As of July 1, 2016

	Final Maturity Fiscal Year	Principal Amount Issued	Principal Amount Repaid	Principal Amount Refunded/Defeased	Principal Outstanding July 1, 2016
Series 1966 Kansas City Office Building	Refunded	\$ 5,000,000	\$ 2,840,000	\$ 2,160,000	\$ -
Series 1967 Kansas City Office Building	Refunded	1,810,000	985,000	825,000	-
Series A 1978 Wainwright Office Building	Refunded	13,500,000	1,755,000	11,745,000	-
Series A 1979 Springfield Office Building	Refunded	3,000,000	740,000	2,260,000	-
Series A 1980 Midtown Office Building	Refunded	4,500,000	705,000	3,795,000	-
Series A 1981 Truman Office Building	Refunded	43,445,000	-	43,445,000	-
Series A 1984 Corrections/Mental Health	Refunded	89,900,000	-	89,900,000	-
Series A 1988 State Information Center	Refunded	19,500,000	335,000	19,165,000	-
Series B 1988 Kansas City Office Building	Refunded	2,595,000	45,000	2,550,000	-
Series C 1988 St. Joseph Office Building	Refunded	2,185,000	40,000	2,145,000	-
Series D 1988 Capitol East Parking	1995	4,475,000	4,475,000	-	-
Series A 2001 JCCC, WMMHC, DNR Office Building, P&P Office	Refunded	173,870,000	47,020,000	126,850,000	-
Series A 2003	Refunded	387,425,000	59,270,000	328,155,000	-
Series A 2006 Chillicothe Correctional Facility	2017	120,000,000	25,625,000	90,400,000	3,975,000
Series A 2015 Lafferre Hall Project	2040	36,805,000	830,000	-	35,975,000
Series B 2015 State Facilities, Capitol, and Higher Education Projects	2030	60,000,000	4,130,000	-	55,870,000
Series A 2016 State Facilities, Capitol, and Higher Education Projects	2036	100,000,000	-	-	100,000,000
Totals Excluding Refunding Issuances		<u>1,068,010,000</u>	<u>148,795,000</u>	<u>723,395,000</u>	<u>195,820,000</u>
Series A 1983 Refunding	Refunded	43,445,000	3,570,000	39,875,000	-
Series A 1985 Refunding	Refunded	150,560,000	42,860,000	107,700,000	-
Series A 1991 Refunding	Refunded	148,500,000	61,690,000	86,810,000	-
Series B 2001 Refunding	2013	83,465,000	82,395,000	1,070,000	-
Series A 2011 Refunding	2029 *	143,020,000 *	22,485,000	21,380,000	99,155,000
Series A 2012 Refunding	2029	278,835,000	28,535,000	-	250,300,000
Series A 2013 Refunding	2029	29,370,000	3,035,000	-	26,335,000
Series A 2014 Refunding	2031	88,680,000	2,450,000	-	86,230,000
Series A 2015 Refunding	2025	20,250,000	-	-	20,250,000
Totals Including Refunding Issuances		<u>\$ 2,054,135,000</u>	<u>\$ 395,815,000</u>	<u>\$ 980,230,000</u>	<u>\$ 678,090,000</u>

* FY24 - FY25 Refunded

STATE OF MISSOURI
ANNUAL REVENUE BOND DEBT SERVICE
As of July 1, 2016

<u>Fiscal Year</u>	<u>Board of Public Building Bonds</u>
2017	63,607,339.46
2018	63,536,225.02
2019	63,459,125.02
2020	63,299,625.02
2021	63,202,875.02
2022	63,106,787.52
2023	63,112,300.02
2024	62,524,825.02
2025	62,535,962.52
2026	62,214,687.52
2027	56,667,143.77
2028	54,021,450.02
2029	51,942,846.89
2030	19,720,756.26
2031	11,949,743.76
2032	4,852,034.38
2033	4,854,950.00
2034	4,857,850.00
2035	4,856,700.00
2036	4,855,306.25
2037	2,232,162.50
2038	2,231,812.50
2039	2,233,925.00
2040	2,233,412.50
TOTAL	<u>\$ 858,109,845.97</u>

Other Appropriation Debt/Payments

Regional Convention and Sports Complex Authority

Section 67.650, RSMo was established to authorize each city not within a county and each first class county with a charter form of government which adjoins such city not within a county to create a “Regional Convention and Sports Complex Authority”.

The Regional Convention and Sports Complex Authority issued \$132,910,000 of Convention and Sports Facility Project Bonds Series A 1991 dated August 15, 1991. These bonds are limited obligations of the Authority and do not constitute a pledge of the full faith and credit of the State. However, under a financing agreement dated August 1, 1991, the Office of Administration will request that the Governor's budget, as submitted to the General Assembly, include the State's financing amount of \$10,000,000 for principal and interest and \$2,000,000 for maintenance each year. In addition to the State's contribution, St. Louis County and the City of St. Louis each pay \$5,000,000 for principal and interest and \$1,000,000 for maintenance each year. Payments began in fiscal year 1992 and conclude in fiscal year 2022.

The Regional Convention and Sports Complex Authority issued \$121,705,000 of Convention and Sports Facility Project and Refunding Bonds Series A 1993 dated December 15, 1993 with interest rates ranging from 2.75% to 5.60%. The purpose was to refund the callable portion of the Series A 1991 outstanding Convention and Sports Facility Project Bonds and to pay the costs of additions and enhancements to the project. The outstanding principal amount at the time of refunding was \$130,280,000 and the portion refunded was \$101,410,000.

The Regional Convention and Sports Complex Authority issued \$116,030,000 of Convention and Sports Facility Project and Refunding Bonds Series A 2003 dated August 1, 2003 with interest rates ranging from 1.42% to 5.375%. The purpose was to refund in advance the Series A 1991 Convention and Sports Facility Project Bonds and Series A 1993 Convention and Sports Facility Project and Refunding Bonds and to pay the costs of additions and enhancements to the project. The outstanding principal at the time of refunding was \$2,845,000 Series A 1991 and \$113,170,000 Series A 1993.

The Regional Convention and Sports Complex Authority issued \$65,195,000 of Convention and Sports Facility Project and Refunding Bonds Series A 2013 dated August 20, 2013 with interest rates ranging from 2.00% to 5.00%. The purpose was to refund in advance the Series A 2003 Convention and Sports Facility Project Bonds. The outstanding principal at the time of refunding was \$64,385,000.

The Regional Convention and Sports Complex Authority Project Bonds issued and outstanding as of July 1, 2016, were as follows:

	<u>Dated</u>	<u>Final Maturity Date</u>	<u>Issued</u>	<u>Outstanding</u>
Regional Convention and Sports Complex Authority:				
Series A 2013 - Refunding	8/20/13	8/15/21	<u>\$ 65,195,000</u>	<u>\$ 50,815,000</u>

Kansas City Convention Center

Sections 67.638-67.639, RSMo were established to authorize each city or county to establish by ordinance or order of the county or city governing board, a "Convention and Sports Complex Fund" for the purpose of developing, maintaining or operating within its jurisdiction sports, convention, exhibition or trade facilities. In addition, Section 67.641.2 RSMo also requires each city or county administering a Convention and Sports Complex to enact or promulgate rules or ordinances based on the terms and provision of Section 70.859 RSMo prior to receipt of any appropriations as required in Section 67.641 RSMo.

Section 67.641, RSMo establishes appropriations up to \$2,000,000 annually to be paid from the state general revenue fund to each convention and sports complex fund created pursuant to Section 67.639.

Payments to Kansas City Convention Center (Bartle Hall) began in fiscal year 1991 with state contributions totaling \$1,880,000 that year. State contributions of \$2,000,000 annually will be paid through fiscal year 2021.

Jackson County Convention Center

Sections 67.638-67.639, RSMo were established to authorize each city or county to establish by ordinance or order of the county or city governing board, a "Convention and Sports Complex Fund" for the purpose of developing, maintaining or operating within its jurisdiction sports, convention, exhibition or trade facilities. In addition, Section 67.641.2 RSMo also requires each city or county administering a Convention and Sports Complex to enact or promulgate rules or ordinances based on the terms and provision of Section 70.859 RSMo prior to receipt of any appropriations as required in Section 67.641 RSMo.

Section 67.641, RSMo establishes appropriations up to \$2,000,000 annually to be paid from the state general revenue fund to each convention and sports complex fund created pursuant to Section 67.639.

Payments to Jackson County Convention Center (Kauffman/Arrowhead Stadiums) began in fiscal year 1991 with state contributions totaling \$1,880,000 that year. State contributions of \$2,000,000 were paid annually in fiscal years 1992 through 1997. In fiscal year 1997 Section 67.641, RSMo was revised and annual state contributions were increased from \$2,000,000 annually to \$3,000,000 annually. \$3,000,000 will be paid annually through fiscal year 2021.

Health and Educational Facilities Authority - University of Missouri-Columbia Arena Bonds

The Missouri Health and Educational Facilities Authority (MOHEFA) issued \$35,000,000 of Educational Facilities Revenue Bonds Series 2001 dated November 1, 2001 to finance the University of Missouri-Columbia (UMC) Arena Project.

The Missouri Health and Educational Facilities Authority (MOHEFA) issued \$20,125,000 of Educational Facilities Refunding Revenue Bonds Series 2011 dated November 17, 2011. The Educational Facilities Refunding Revenue bonds refunded \$22,770,000 of Educational Facilities Revenue Bonds Series 2001.

These bonds are special, limited obligations of the Authority and do not constitute a pledge of the full faith and credit of the State. However, under a financing agreement, the Office of Administration will request annually that the Governor's budget, as submitted to the General Assembly, include sufficient amounts to pay principal and interest on the bonds.

The MOHEFA UMC Arena Project Bonds issued and outstanding as of July 1, 2016, were as follows:

	<u>Dated</u>	<u>Final Maturity Date</u>	<u>Issued</u>	<u>Outstanding</u>
MOHEFA UMC Arena Bonds Series 2011 - Refunding	11/17/11	10/1/21	<u>\$ 20,125,000</u>	<u>\$ 13,090,000</u>

Refunding Certificates of Participation

The State issued Refunding Certificates of Participation Series A 2011 dated June 7, 2011 in the amount of \$76,910,000. The Refunding Certificates of Participation refunded \$76,065,000 of the Refunding Certificates of Participation Series A 2005. The Refunding Certificates of Participation Series A 2005 refunded \$13,945,000 of Missouri Public Facilities Corporation Certificates of Participation (Acute Care Psychiatric Hospital Project) Series A 1994, \$13,400,000 of Missouri PRC Corporation Certificates of Participation (Psychiatric Rehabilitation Center Project) Series A 1995, \$9,915,000 of Northwest Missouri Public Facilities Corporation Certificates of Participation (Northwest Missouri Psychiatric Rehabilitation Center Project) Series B 1995, and \$83,480,000 of Missouri Public Facilities Corporation II Certificates of Participation (Bonne Terre Prison Project) Series A 1999.

The State's obligation under the lease does not constitute a general obligation or other indebtedness of the State. The certificates of participation represent proportionate ownership interests of the certificate holders in the lease agreement. The certificates do not constitute a pledge of the full faith and credit of the State. Payments under the lease agreement have been structured in amounts sufficient to pay principal and interest on the certificate, and are subject to annual appropriation by the State legislature.

The Refunding Certificates of Participation issued and outstanding as of July 1, 2016, were as follows:

	<u>Dated</u>	<u>Final Maturity Date</u>	<u>Issued</u>	<u>Outstanding</u>
Refunding Certificates of Participation:				
Series A 2011 - Refunding	6/7/11	10/1/18	<u>\$ 76,910,000</u>	<u>\$ 39,770,000</u>

Missouri Development Finance Board (MDFB) - Office Buildings

The Missouri Development Finance Board issued \$28,995,000 of Missouri Development Finance Board Leasehold Revenue Bonds Series 2005 dated November 30, 2005. These bonds were issued to finance the purchase of one building in Florissant, one building in St. Louis, and one building in Jennings. Missouri Development Finance Board issued \$9,865,000 of Leasehold Revenue Bonds Series 2006 dated May 31, 2006. These bonds were issued to finance the purchase of one building in St. Louis. The bonds are special, limited obligations of the Board and do not constitute a pledge of the full faith and credit of the State. The Missouri Development Finance Board issued \$21,820,000 of Missouri Development Finance Board Leasehold Revenue Refunding Bonds Series A 2013 and \$7,450,000 of Missouri Development Finance Board Leasehold Revenue Refunding Bonds Series B 2013 dated June 11, 2013 to refund \$20,805,000 of Missouri Development Finance Board Leasehold Revenue Bonds Series 2005 and \$7,100,000 of Missouri Development Finance Board Leasehold Revenue Bonds Series 2006 respectively.

The State has entered into a lease with the Board. The State's obligation under the lease does not constitute a general obligation or other indebtedness of the State. Payments under the lease agreement have been structured in amounts sufficient to pay principal and interest on the bonds, and are subject to annual appropriation by the State legislature.

The Missouri Development Finance Board Revenue Bonds issued as of July 1, 2016, were as follows:

	<u>Dated</u>	<u>Final Maturity</u>	<u>Issued</u>	<u>Outstanding</u>
MDFB - Office Buildings:				
Series A 2013 Refunding	6/11/13	10/1/30	\$ 21,820,000	\$ 21,440,000
Series B 2013 Refunding	6/11/13	10/1/30	7,450,000	7,330,000
			<u>\$ 29,270,000</u>	<u>\$ 28,770,000</u>

Missouri Development Finance Board (MDFB) - Fulton Hospital

The Missouri Development Finance Board issued \$92,660,000 of Missouri Development Finance Board State of Missouri Annual Appropriation Bonds Series 2014 dated December 10, 2014. These bonds were issued to finance the Fulton State Hospital project. The bonds are special, limited obligations of the Board and do not constitute a pledge of the full faith and credit of the State.

The State has entered into a financing agreement with the Board. The State's obligation under the agreement does not constitute a general obligation or other indebtedness of the State. Payments under the financing agreement have been structured in amounts sufficient to pay principal and interest on the bonds, and are subject to annual appropriation by the State legislature.

The Missouri Development Finance Board Revenue Bonds issued as of July 1, 2016, were as follows:

	<u>Dated</u>	<u>Final Maturity Date</u>	<u>Issued</u>	<u>Outstanding</u>
MDFB - Fulton Hospital: Series 2014	12/10/14	10/1/39	<u>\$ 92,660,000</u>	<u>\$ 90,455,000</u>

Missouri Development Finance Board (MDFB) - State Historical Society

The Missouri Development Finance Board issued \$33,800,000 of Missouri Development Finance Board State of Missouri Annual Appropriation Bonds Series A 2016 dated March 11, 2016. These bonds were issued to finance the State Historical Society project. The bonds are special, limited obligations of the Board and do not constitute a pledge of the full faith and credit of the State.

The State has entered into a financing agreement with the Board. The State's obligation under the agreement does not constitute a general obligation or other indebtedness of the State. Payments under the financing agreement have been structured in amounts sufficient to pay principal and interest on the bonds, and are subject to annual appropriation by the State legislature.

The Missouri Development Finance Board Revenue Bonds issued as of July 1, 2016, were as follows:

	<u>Dated</u>	<u>Final Maturity Date</u>	<u>Issued</u>	<u>Outstanding</u>
MDFB - State Historical Society: Series A 2016	3/11/16	10/1/35	<u>\$ 33,800,000</u>	<u>\$ 33,800,000</u>

Guaranteed Energy Saving Contracts

The State of Missouri, Office of Administration, Division of Facilities Management Design and Construction (FMDC) has entered into various Guaranteed Energy Saving Contract (ESCO) leases as part of a master lease agreement. RSMo 8.235.4 allows the Office of Administration to use the master lease for guaranteed energy cost savings contracts. FMDC has utilized this authority to produce energy savings, reduce consumption, reduce pollution, and increase productivity at facilities around the state. These projects have been financed for a period of 15 years at fixed interest rates ranging between 2.20% and 4.03%.

The State refinanced 20 of the outstanding ESCO leases on December 30, 2011. The refinancing lowered the interest rates on these leases from 2.74% - 3.82% to 2.3%.

The ESCO leases outstanding as of July 1, 2016, were as follows:

	Maturity Date	Issued	Outstanding
Guaranteed Energy Savings Contracts: Leases	11/1/2023	\$ 69,643,282	\$ 24,707,839

Unified Communication Contract

The State of Missouri, Office of Administration, Information Technology Services Division (ITSD) has entered into a Unified Communication lease with Key Government Finance. ITSD has utilized this lease to purchase, upgrade, and replacement of the States' Telecommunication system. This lease is being financed in multiple phases, of which, each phase will not exceed 7 years at a interest rate of 2.99%. Phase I was refinanced as of February 10, 2012. The refinancing lowered the interest rate to 1.14%. Phase II was refinanced as of September 28, 2012. The refinancing lowered the interest rate to 0.99%. Phase III was financed as of June 28, 2013 with an interest rate of 0.99%.

The Unified Communication Contract leases outstanding as of July 1, 2016, were as follows:

	Final Maturity Date	Issued	Outstanding
Unified Communication Contract			
Phase I Lease	2/1/2017	\$ 8,739,259	\$ 1,016,832
Phase II Lease	8/1/2017	8,143,120	1,827,651
Phase III Lease	2/1/2018	2,592,318	1,007,256
		<u>\$ 19,474,697</u>	<u>\$ 3,851,739</u>

STATE OF MISSOURI
SUMMARY OF OTHER APPROPRIATION DEBT/PAYMENTS ISSUANCES
As of July 1, 2016

	<u>Dated</u>	<u>Final Maturity Date</u>	<u>Principal Amount Issued *</u>	<u>Principal Outstanding July 1, 2016*</u>
Regional Convention and Sports Complex Authority: Series A 2013 - Refunding	8/20/13	8/15/21	\$ 65,195,000	\$ 50,815,000
Missouri Health and Educational Facilities Authority: Series 2011 - Refunding	11/17/11	10/1/21	20,125,000	13,090,000
Refunding Certificates of Participation: Series A 2011 - Refunding	6/7/11	10/1/18	76,910,000	39,770,000
MDFB - Office Building: Series A 2013	6/11/13	10/1/30	21,820,000	21,440,000
Series B 2013	6/11/13	10/1/30	7,450,000	7,330,000
MDFB - Fulton Hospital: Series 2014	12/10/14	10/1/39	92,660,000	90,455,000
MDFB - State Historical Society: Series A 2016	3/11/16	10/1/35	33,800,000	33,800,000
Guaranteed Energy Savings Contracts: Leases		11/1/23	69,643,282	24,707,839
Unified Communication Contract: Lease Phase I		2/1/17	8,739,259	1,016,832
Lease Phase II		8/1/17	8,143,120	1,827,651
Lease Phase III		2/1/18	2,592,318	1,007,256
Total Other Appropriation Debt/Payment Issuances			<u>\$ 407,077,979</u>	<u>\$ 285,259,578</u>

*Amounts represent the State's portion.

**STATE OF MISSOURI
OTHER APPROPRIATION DEBT/PAYMENTS ANNUAL DEBT SERVICE SCHEDULE
As of July 1, 2016**

Fiscal Year Ending June 30	Regional Convention and Sports Complex Authority	Kansas City Convention Center	Jackson County Convention Center	Missouri Health and Educational Facilities Authority	Refunding Certificates of Participation	MDFB - Office Building	MDFB- Fulton Hospital	MDFB- State Historical Society	Guaranteed Energy Saving Contracts	Unified Communication Contract	Totals
2017	10,000,000.00	2,000,000.00	3,000,000.00	2,526,600.00	13,666,056.26	2,417,556.26	5,660,693.76	2,333,529.52	4,671,028.35	3,078,307.85	49,353,772.00
2018	10,000,000.00	2,000,000.00	3,000,000.00	2,522,625.00	13,664,856.26	2,417,681.26	5,656,818.76	2,333,343.76	4,671,028.35	805,257.90	47,071,611.29
2019	10,000,000.00	2,000,000.00	3,000,000.00	2,519,375.00	13,668,703.13	2,417,206.26	5,661,818.76	2,328,593.76	4,517,921.08	---	46,113,617.99
2020	10,000,000.00	2,000,000.00	3,000,000.00	2,520,875.00	---	2,411,806.26	5,660,318.76	2,322,593.76	4,166,447.20	---	32,082,040.98
2021	10,000,000.00	2,000,000.00	3,000,000.00	2,521,750.00	---	2,413,806.26	5,657,193.76	2,318,468.76	3,743,412.49	---	31,654,631.27
2022	5,000,000.00	---	---	2,526,625.00	---	2,413,006.26	5,657,068.76	2,311,093.76	3,269,436.05	---	21,177,229.83
2023	---	---	---	---	---	2,408,931.26	5,659,443.76	2,308,793.76	1,325,615.64	---	11,702,784.42
2024	---	---	---	---	---	2,407,156.26	5,661,715.63	2,302,943.76	152,199.09	---	10,524,014.74
2025	---	---	---	---	---	2,408,656.26	5,659,943.75	2,297,268.76	---	---	10,365,868.77
2026	---	---	---	---	---	2,408,356.26	5,661,575.00	2,292,168.76	---	---	10,362,100.02
2027	---	---	---	---	---	2,406,256.26	5,657,925.00	2,286,543.76	---	---	10,350,725.02
2028	---	---	---	---	---	2,407,281.26	5,661,125.00	2,284,493.76	---	---	10,352,900.02
2029	---	---	---	---	---	2,406,356.26	5,661,025.00	2,280,943.76	---	---	10,348,325.02
2030	---	---	---	---	---	2,408,406.26	5,660,150.00	2,273,825.01	---	---	10,342,381.27
2031	---	---	---	---	---	2,401,953.13	5,660,718.75	2,265,056.26	---	---	10,327,728.14
2032	---	---	---	---	---	---	5,659,743.75	2,261,631.26	---	---	7,921,375.01
2033	---	---	---	---	---	---	5,659,462.50	2,261,481.26	---	---	7,920,943.76
2034	---	---	---	---	---	---	5,659,162.50	2,254,606.26	---	---	7,913,768.76
2035	---	---	---	---	---	---	5,656,800.00	2,246,081.26	---	---	7,902,881.26
2036	---	---	---	---	---	---	5,661,400.00	2,239,453.13	---	---	7,900,853.13
2037	---	---	---	---	---	---	5,658,400.00	---	---	---	5,658,400.00
2038	---	---	---	---	---	---	5,657,600.00	---	---	---	5,657,600.00
2039	---	---	---	---	---	---	5,658,600.00	---	---	---	5,658,600.00
2040	---	---	---	---	---	---	5,661,000.00	---	---	---	5,661,000.00
	<u>\$ 55,000,000.00</u>	<u>\$ 10,000,000.00</u>	<u>\$ 15,000,000.00</u>	<u>\$ 15,137,850.00</u>	<u>\$ 40,999,615.65</u>	<u>\$ 36,154,415.77</u>	<u>\$ 135,829,703.20</u>	<u>\$ 45,802,914.08</u>	<u>\$ 26,517,088.25</u>	<u>\$ 3,883,565.75</u>	<u>\$ 384,325,152.70</u>

Missouri Highways and Transportation Commission

The Missouri Highways and Transportation Commission issued \$250,000,000 of Series A 2000 State Road Bonds dated December 1, 2000. The Commission issued \$200,000,000 of Series A 2001 State Road Bonds dated October 1, 2001. The Commission issued \$203,000,000 of Series A 2002 State Road Bonds dated June 20, 2002. The Commission issued \$254,000,000 of Series A 2003 State Road Bonds dated November 25, 2003. The Commission issued \$278,660,000 of Series A 2005 First Lien State Road Bonds dated July 14, 2005. The Commission issued \$72,000,000 of Series B 2005 Third Lien State Road Bonds dated July 21, 2005. The Commission issued \$296,670,000 of Series A 2006 First Lien State Road Bonds dated August 8, 2006. Series B 2006 First Lien State Road Bonds was issued in the amount of \$503,330,000 by the Commission on August 8, 2006. The Commission issued \$394,870,000 of Series 2006 Senior Lien Refunding State Road Bonds dated December 13, 2006. This refunded \$135,980,000 of Series A 2000, \$105,075,000 of Series A 2001, \$109,165,000 of Series A 2002, and \$57,390,000 of Series A 2003. The Commission issued \$526,800,000 of Series 2007 Second Lien State Road Bonds dated September 12, 2007. The Commission issued \$142,735,000 of Series A 2008 Federal Reimbursement State Road Fund bonds dated December 4, 2008. The Commission issued \$195,625,000 of Series A 2009 Tax Exempt Federal Reimbursement State Road Bonds dated September 30, 2009. The Commission issued \$404,375,000 of Series B 2009 (Build America) Taxable Federal Reimbursement State Road Bonds dated September 30, 2009. The Commission issued \$300,000,000 of Series C 2009 Third Lien State (Build America) Road Bonds dated November 12, 2009. The Commission issued \$128,865,000 of Series A 2010 Tax Exempt Federal Reimbursement State Road Bonds and \$56,135,000 of Series B 2010 Taxable Federal Reimbursement (Build America) State Road Bonds dated March 9, 2010. The Commission issued \$130,390,000 of Series C 2010 Senior Lien Refunding State Road Bonds dated November 10, 2010. This refunded \$11,135,000 of Series A 2001, \$18,405,000 of Series A 2002, and \$111,760,000 of Series A 2003. The Commission issued \$589,015,000 of Series A 2014 First Lien Refunding State Road Bonds dated June 3, 2014. This refunded \$149,150,000 of Series A 2006 and \$503,330,000 of Series B 2006. The Commission issued \$311,975,000 of Series B 2014 Second Lien Refunding State Road Bonds dated June 3, 2014. This refunded \$325,290,000 of Series 2007.

The proceeds of the bonds were used for costs of construction and reconstruction of the State Highway System. Debt Service on the bonds are payable solely from revenues in the State Road Fund and the State Road Bond Fund as provided in the Missouri Constitution.

The Missouri Highways and Transportation Commission State Road Bonds issued and outstanding as of July 1, 2016, were as follows:

	<u>Dated</u>	<u>Final Maturity Date</u>	<u>Issued</u>	<u>Outstanding</u>
Missouri Highways and Transportation Commission:				
Series A 2000	12/1/00	2/1/11	\$ 250,000,000	\$ -
Series A 2001	10/1/01	2/1/12	200,000,000	-
Series A 2002	6/20/02	2/1/12	203,000,000	-
Series A 2003	11/25/03	2/1/12	254,000,000	-
Series A 2005	7/14/05	5/1/15	278,660,000	-
Series B 2005	7/21/05	5/1/15	72,000,000	-
Series A 2006	8/8/06	5/1/16	296,670,000	-
Series B 2006	8/8/06	5/1/14	503,330,000	-
Series 2006 - Refunding	12/13/06	2/1/22	394,870,000	251,745,000
Series 2007	9/12/07	5/1/27	526,800,000	86,515,000
Series A 2008	12/4/08	5/1/25	142,735,000	96,385,000
Series A 2009	9/30/09	5/1/21	195,625,000	99,905,000
Series B 2009	9/30/09	5/1/33	404,375,000	404,375,000
Series C 2009	11/12/09	5/1/29	300,000,000	300,000,000
Series A 2010	3/9/10	5/1/22	128,865,000	66,015,000
Series B 2010	3/9/10	5/1/25	56,135,000	56,135,000
Series C 2010 - Refunding	11/10/10	2/1/23	130,390,000	79,085,000
Series A 2014 - Refunding	6/3/14	5/1/26	589,015,000	589,015,000
Series B 2014 - Refunding	6/3/14	5/1/25	311,975,000	311,975,000
			<u>\$ 5,238,445,000</u>	<u>\$ 2,341,150,000</u>

STATE OF MISSOURI
SUMMARY OF TRANSPORTATION DEBT/PAYMENTS ISSUANCES
As of July 1, 2016

	<u>Dated</u>	<u>Final Maturity Date</u>	<u>Principal Amount Issued</u>	<u>Principal Amount Repaid</u>	<u>Principal Amount Refunded</u>	<u>Principal Outstanding July 1, 2016</u>
Missouri Highways and Transportation Commission:						
Series A 2000	12/1/00	2/1/11	\$ 250,000,000	\$ 114,020,000	\$ 135,980,000	\$ -
Series A 2001	10/1/01	2/1/12	200,000,000	83,790,000	116,210,000	-
Series A 2002	6/20/02	2/1/12	203,000,000	75,430,000	127,570,000	-
Series A 2003	11/25/03	2/1/12	254,000,000	84,850,000	169,150,000	-
Series A 2005	7/14/05	5/1/15	278,660,000	278,660,000	-	-
Series B 2005	7/21/05	5/1/15	72,000,000	72,000,000	-	-
Series A 2006	8/8/06	5/1/16	296,670,000	147,520,000	149,150,000	-
Series B 2006	8/8/06	5/1/14	503,330,000	-	503,330,000	-
Series 2006 - Refunding	12/13/06	2/1/22	394,870,000	143,125,000	-	251,745,000
Series 2007	9/12/07	5/1/27	526,800,000	114,995,000	325,290,000	86,515,000
Series A 2008	12/4/08	5/1/25	142,735,000	46,350,000	-	96,385,000
Series A 2009	9/30/09	5/1/21	195,625,000	95,720,000	-	99,905,000
Series B 2009	9/30/09	5/1/33	404,375,000	-	-	404,375,000
Series C 2009	11/12/09	5/1/29	300,000,000	-	-	300,000,000
Series A 2010	3/9/10	5/1/22	128,865,000	62,850,000	-	66,015,000
Series B 2010	3/9/10	5/1/25	56,135,000	-	-	56,135,000
Series C 2010 - Refunding	11/10/10	2/1/23	130,390,000	51,305,000	-	79,085,000
Series A 2014 - Refunding	6/3/14	5/1/26	589,015,000	-	-	589,015,000
Series B 2014 - Refunding	6/3/14	5/1/25	311,975,000	-	-	311,975,000
Total Transportation Debt/ Payment Issuances			<u>\$ 5,238,445,000</u>	<u>\$ 1,370,615,000</u>	<u>\$ 1,526,680,000</u>	<u>\$ 2,341,150,000</u>

STATE OF MISSOURI
TRANSPORTATION DEBT/PAYMENTS ANNUAL DEBT SERVICE SCHEDULE
As of July 1, 2016

Fiscal Year Ending June 30	Missouri Highways and Transportation Commission
2017	294,679,760.00
2018	295,528,888.54
2019	295,380,224.94
2020	294,561,607.00
2021	278,522,212.92
2022	266,126,865.00
2023	246,121,087.60
2024	211,906,625.94
2025	213,047,265.00
2026	193,701,509.00
2027	91,084,554.00
2028	74,169,141.84
2029	74,096,070.00
2030	44,977,905.78
2031	44,933,892.20
2032	44,884,065.20
2033	44,836,773.76
	\$ 3,008,558,448.72