All bond issues tax-exempt except for the Taxable 2009 Series A (Build America Bonds) and Taxable 2009 Series B (Build America Bonds) Principal payment dates are January 1st, except: (a) December 1st for Series 2016A, 2014A, and 2009B.

	2019 Series C		2019 Series B		2019 Series A			2018 Series A		2017 Series A	
	Fixed Rate (5.0%);		Fixed Rate (5.0%);		Fixed Rate;			Fixed Rate (5.0%);		Fixed Rate (5.0%);	
	Callable on/after 1/1/30;		Callable on/after 1/1/30;		Callable on/after 7/1/29;			Callable on/after 1/1/29;		Callable on/after 1/1/28;	
Fiscal	Uninsured		Uninsured		Uninsured			Uninsured		Uninsured	
Year*	Principal	5.0% Interest	Principal	5.0% Interest	Principal	Rate	Interest	Principal	5.0% Interest	Principal	5.0% Interest
2020	-	\$35,668,911	-	\$12,732,599	-	-	13,950,000	13,830,000	24,906,250	-	15,000,000
2021	2,000,000	34,893,500	-	11,262,250	-	-	13,950,000	15,855,000	24,214,750	-	15,000,000
2022	2,135,000	34,793,500	-	11,262,250	-	-	13,950,000	12,900,000	23,422,000	-	15,000,000
2023	2,180,000	34,686,750	-	11,262,250	-	-	13,950,000	12,910,000	22,777,000	-	15,000,000
2024	78,715,000	34,577,750	36,670,000	11,262,250	-	-	13,950,000	46,330,000	22,131,500	-	15,000,000
2025	81,400,000	30,642,000	35,625,000	9,428,750	-	-	13,950,000	63,205,000	19,815,000	-	15,000,000
2026	87,375,000	26,572,000	38,455,000	7,647,500	-	-	13,950,000	60,930,000	16,654,750	-	15,000,000
2027	104,550,000	22,203,250	23,295,000	5,724,750	-	-	13,950,000	63,070,000	13,608,250	5,500,000	15,000,000
2028	108,610,000	16,975,750	26,860,000	4,560,000	-	-	13,950,000	66,665,000	10,454,750	5,800,000	14,725,000
2029	112,620,000	11,545,250	30,385,000	3,217,000	-	-	13,950,000	70,340,000	7,121,500	6,000,000	14,435,000
2030	118,285,000	5,914,250	33,955,000	1,697,750	-	-	13,950,000	72,090,000	3,604,500	6,400,000	14,135,000
2031					-	-	13,950,000			6,700,000	13,815,000
2032					-	-	13,950,000			7,000,000	13,480,000
2033					-	-	13,950,000			7,300,000	13,130,000
2034					-	-	13,950,000			7,600,000	12,765,000
2035					4,000,000	5.0%	13,950,000			8,300,000	12,385,000
2036					4,000,000	4.0%	13,750,000			8,700,000	11,970,000
2037					4,000,000	3.0%	13,590,000			9,500,000	11,535,000
2038					18,000,000	4.0%	13,470,000			16,200,000	11,060,000
2039					20,000,000	5.0%	12,750,000			60,000,000	10,250,000
2040					25,000,000	5.0%	11,750,000			95,000,000	7,250,000
2041					85,000,000	Note ⁽¹⁾	10,500,000			50,000,000	2,500,000
2042					70,000,000	Note ⁽¹⁾	6,535,000				
2043					70,000,000	Note ⁽¹⁾	3,270,000				
	\$ 697,870,000	\$ 288,472,911	\$ 225,245,000	\$ 90,057,349	\$ 300,000,000		\$ 308,815,000	\$ 498,125,000	\$188,710,250	\$ 300,000,000	\$283,435,000

^{*} Per the trust indenture, debt service for each fiscal year is shown excluding debt service due January 1 and including the following year's debt service due January 1.

⁽¹⁾ For Series 2019A, the \$85,000,000 principal due 1/1/2042 consists of \$28,500,000 at 4.00% and \$56,500,000 at 5.00%; and the \$70,000,000 principal due 1/1/2043 consists of \$23,500,000 at 4.00% and \$46,500,000 at 5.00%; and the \$70,000,000 principal due 1/1/2044 consists of \$23,000,000 at 4.00% and \$47,000,000 at 5.00%.

All bond issues tax-exempt except for the Taxable 2009 Series A (Build America Bonds) and Taxable 2009 Series B (Build America Bonds)

Principal payment dates are January 1st, except: (a) December 1st for Series 2016A, 2014A, and 2009B.

	2016 Series B Fixed Rate (5.0%); Callable on/after 7/1/26; iscal Uninsured		2016 Series A Fixed Rate; Callable on/after 1/1/26; Uninsured			2015 S	eries B	2015 S	eries A	2014 Series D		
Fiscal						Callable on	te (5.0%); after 1/1/26; sured	Fixed Rate (5.0%); Callable on/after 7/1/25; Uninsured		Fixed Rate (5.0%); Not Callable; Uninsured		
Year*	Principal	5.0% Interest	Principal	Rate	Interest	Principal	5.0% Interest	Principal 5.0% Interest		Principal	5.0% Int.	
2020	-	15,000,000	-	-	16,131,750	-	20,000,000	-	20,000,000	25,805,000	11,173,750	
2021	-	15,000,000	-	-	16,131,750	-	20,000,000	-	20,000,000	25,845,000	9,883,500	
2022	-	15,000,000	-	-	16,131,750	-	20,000,000	-	20,000,000	30,890,000	8,591,250	
2023	-	15,000,000	-	-	16,131,750	-	20,000,000	-	20,000,000	139,935,000	7,046,750	
2024	-	15,000,000	-	-	16,131,750	-	20,000,000	-	20,000,000	1,000,000	50,000	
2025	-	15,000,000	-	-	16,131,750	-	20,000,000	-	20,000,000			
2026	5,200,000	15,000,000	-	-	16,131,750	4,150,000	20,000,000	4,150,000	20,000,000			
2027	5,400,000	14,740,000	-	-	16,131,750	4,400,000	19,792,500	4,400,000	19,792,500			
2028	5,800,000	14,470,000	-	-	16,131,750	4,550,000	19,572,500	4,550,000	19,572,500			
2029	6,000,000	14,180,000	-	-	16,131,750	4,850,000	19,345,000	4,850,000	19,345,000			
2030	6,300,000	13,880,000	-	-	16,131,750	5,050,000	19,102,500	5,050,000	19,102,500			
2031	14,300,000	13,565,000	162,720,000	Note ⁽²⁾	16,131,750	5,300,000	18,850,000	5,300,000	18,850,000			
2032	14,900,000	12,850,000	170,340,000	5.0%	8,517,000	5,600,000	18,585,000	5,600,000	18,585,000			
2033	5,000,000	12,105,000				5,900,000	18,305,000	5,900,000	18,305,000			
2034	5,300,000	11,855,000				6,150,000	18,010,000	6,150,000	18,010,000			
2035	8,500,000	11,590,000				38,500,000	17,702,500	38,500,000	17,702,500			
2036	8,900,000	11,165,000				40,400,000	15,777,500	40,400,000	15,777,500			
2037	9,000,000	10,720,000				42,400,000	13,757,500	42,400,000	13,757,500			
2038	9,300,000	10,270,000				91,850,000	11,637,500	91,850,000	11,637,500			
2039	56,000,000	9,805,000				140,900,000	7,045,000	140,900,000	7,045,000			
2040	140,100,000	7,005,000										
2041												
2042												
2043												
	\$ 300,000,000	\$273,200,000	\$ 333,060,000		\$ 202,098,000	\$ 400,000,000	\$357,482,500	\$ 400,000,000	\$357,482,500	\$ 223,475,000	\$36,745,250	

^{*} Per the trust indenture, debt service for each fiscal year is shown excluding debt service due January 1 and including the following year's debt service due January 1.

⁽²⁾ For Series 2016A, the \$162,720,000 principal due 12/1/2031 consists of \$52,125,000 at 4.00% and \$110,595,000 at 5.00%.

All bond issues tax-exempt except for the Taxable 2009 Series A (Build America Bonds) and Taxable 2009 Series B (Build America Bonds) Principal payment dates are January 1st, except: (a) December 1st for Series 2016A, 2014A, and 2009B.

	2014 Series C Fixed Rate (5.0%); Callable on/after 1/1/25;		2014 Series B Fixed Rate (5.0%); Callable on/after 1/1/24;		2014 Series A Fixed Rate; Not Callable;			2013 Series A Fixed Rate (5.0%); Callable on/after 1/1/23;		2009 Ser B (Build Amer Bonds) Fixed Rate (5.851%); Make-Whole/Extraord Calls;	
Fiscal	Uninsured		Uninsured		Uninsured			Uninsured		Uninsured	
Year*	Principal	5.0% Interest	Principal	5.0% Int.	Principal	Rate	Interest	Principal	5.0% Interest	Principal	5.851% Interest (4)
2020	-	20,000,000	-	25,000,000		Note ⁽³⁾	14,531,700	-	25,000,000	-	16,382,800
2021	-	20,000,000	-	25,000,000	96,870,000	5.0%	9,929,250	-	25,000,000	-	16,382,800
2022	-	20,000,000	-	25,000,000	101,715,000	5.0%	5,085,750	-	25,000,000	-	16,382,800
2023	-	20,000,000	-	25,000,000				-	25,000,000	-	16,382,800
2024	-	20,000,000	-	25,000,000				-	25,000,000	-	16,382,800
2025	-	20,000,000	7,300,000	25,000,000				-	25,000,000	-	16,382,800
2026	8,300,000	20,000,000	9,100,000	24,635,000				13,605,000	25,000,000	-	16,382,800
2027	8,700,000	19,585,000	9,100,000	24,180,000				14,285,000	24,319,750	-	16,382,800
2028	9,200,000	19,150,000	8,100,000	23,725,000				15,000,000	23,605,500	-	16,382,800
2029	9,600,000	18,690,000	7,700,000	23,320,000				15,745,000	22,855,500	-	16,382,800
2030	10,100,000	18,210,000	7,700,000	22,935,000				16,535,000	22,068,250	-	16,382,800
2031	10,600,000	17,705,000	12,900,000	22,550,000				17,360,000	21,241,500	-	16,382,800
2032	11,100,000	17,175,000	14,900,000	21,905,000				18,230,000	20,373,500	-	16,382,800
2033	11,700,000	16,620,000	16,900,000	21,160,000				19,140,000	19,462,000	-	16,382,800
2034	12,300,000	16,035,000	16,700,000	20,315,000				20,100,000	18,505,000	280,000,000	16,382,800
2035	75,600,000	15,420,000	85,500,000	19,480,000				111,025,000	17,500,000		
2036	79,400,000	11,640,000	89,800,000	15,205,000				116,575,000	11,948,750		
2037	83,400,000	7,670,000	94,300,000	10,715,000				122,400,000	6,120,000		
2038	70,000,000	3,500,000	120,000,000	6,000,000							
2039											
2040											
2041											
2042											
2043											
	\$ 400,000,000	\$321,400,000	\$ 500,000,000	\$406,125,000	\$ 290,850,000	Ç	\$ 29,546,700	\$ 500,000,000	\$382,999,750	\$ 280,000,000	\$245,742,000

^{*} Per the trust indenture, debt service for each fiscal year is shown excluding debt service due January 1 and including the following year's debt service due January 1.

⁽³⁾ For Series 2014A, the \$92,265,000 principal due 12/1/2020 consists of \$2,160,000 at 4.50% and \$90,105,000 at 5.00%.

⁽⁴⁾ Interest expense shown for the Series 2009A/2009B Build America Bonds does not net out projected federal subsidies of such interest. Historically the subsidies have ranged from 31.955% to 35.000%.

All bond issues tax-exempt except for the Taxable 2009 Series A (Build America Bonds) and Taxable 2009 Series B (Build America Bonds)

Principal payment dates are January 1st, except: (a) December 1st for Series 2016A, 2014A, and 2009B.

2009 Ser A (Build Amer Bonds)
Fixed Rate (6.184%);
Make-Whole/Extraord Calls;
Uninsured

Fiscal

TOTALS

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Year*	6.	.184% Interest (4)	Principal	Interest	Debt Service	
2020	-	24,736,000	131,900,000	310,213,760	442,113,760	
2021	-	24,736,000	140,570,000	301,383,800	441,953,800	
2022	-	24,736,000	147,640,000	294,355,300	441,995,300	
2023	-	24,736,000	155,025,000	286,973,300	441,998,300	
2024	-	24,736,000	162,715,000	279,222,050	441,937,050	
2025	-	24,736,000	187,530,000	271,086,300	458,616,300	
2026	-	24,736,000	231,265,000	261,709,800	492,974,800	
2027	-	24,736,000	242,700,000	250,146,550	492,846,550	
2028	-	24,736,000	255,135,000	238,011,550	493,146,550	
2029	-	24,736,000	268,090,000	225,254,800	493,344,800	
2030	-	24,736,000	281,465,000	211,850,300	493,315,300	
2031	67,230,000	24,736,000	302,410,000	197,777,050	500,187,050	
2032	70,105,000	20,578,497	317,775,000	182,381,797	500,156,797	
2033	262,665,000	16,243,204	334,505,000	165,663,004	500,168,004	
2034			354,300,000	145,827,800	500,127,800	
2035			369,925,000	125,730,000	495,655,000	
2036			388,175,000	107,233,750	495,408,750	
2037			407,400,000	87,865,000	495,265,000	
2038			417,200,000	67,575,000	484,775,000	
2039			417,800,000	46,895,000	464,695,000	
2040			260,100,000	26,005,000	286,105,000	
2041			135,000,000	13,000,000	148,000,000	
2042			70,000,000	6,535,000	76,535,000	
2043			70,000,000	3,270,000	73,270,000	
_	\$ 400,000,000	\$333,653,700	\$6,048,625,000	\$4,105,965,911	\$10,154,590,911	

⁽⁴⁾ Interest expense shown for the Series 2009A/2009B Build America Bonds does not net out projected federal subsidies of such interest. Historically the subsidies have ranged from 31.955% to 35.000%.