

## City of Plano Debt Information for 2016-17

### 2016-17 City of Plano General Obligation Debt Service Summary

The City of Plano issues twenty-year general obligation bonds for the construction of major capital improvements that include municipal facilities, parks and streets.

The resources to fund the payment of general long-term debt principal and interest are generated by a tax levy based upon property values and are held in the Debt Service Fund. The Debt Service Fund accounts for the accumulation of resources for, and the payment of, general long-term debt principal and interest. These payments are referred to debt service payments.

Outstanding general obligation debt for the City of Plano as of October 1, 2016 was \$302,590,000. Once all the outstanding principle and interest due are repaid, the City will have spent \$405,299,754 on debt service over the next 20 years, assuming no refunding activity occurs in the future. This includes general obligation refunded issues, general obligations issues made for capital improvements, certificates of obligation, and tax notes issued from 2008 through 2016. The 2016-17 Community Investment Program calls for a projected 2017 issue of \$46.6 million in G.O. debt to support a variety of street improvement, park improvement, public infrastructure improvements and recreational facility projects, as well as a projected \$15.0 million issued in shorter term tax notes to support technology projects. These projected issues will add an additional \$61.6 million in ad valorem supported debt for a total of \$364.1 million in outstanding principal and total payments for principle and interest estimated to be \$496.0 million. The projected 2016-17 debt payment requirements are estimated at \$41,514,444.

The State of Texas limits the ad valorem tax rate to \$2.50 per \$100 valuation. Plano's rate of .4786 falls well under this limit. Although there is no other legal debt limit, the City of Plano's goal is to utilize current financial policies in order to maintain its current AAA bond rating. Including the projected debt, the following general obligation debt ratios would apply:

Debt per capita = \$1,804

Debt to assessed value = 1.44%

The following table reflects the allocation of the property tax levy between Debt Service and General Fund operations for 2016-17 and the five previous years:

	<u>2011-12</u>	<u>2012-13</u>	<u>2013-14</u>	<u>2014-15</u>	<u>2015-16</u>	<u>2016-17</u>
<b>Debt Service</b>	0.1737	0.1694	0.1590	0.1448	0.1310	<b>0.1230</b>
<b>General Fund</b>	<u>0.3149</u>	<u>0.3192</u>	<u>0.3296</u>	<u>0.3438</u>	<u>0.3576</u>	<b>0.3556</b>
<b>Total Tax Rate</b>	0.4886	0.4886	0.4886	0.4886	0.4886	<b>0.4786</b>

Plano's conservative debt management practices combined with increasing property values have allowed the City of Plano to shift funding from debt service payments to supporting operational activities over the past five years. In 2011-12, more than 35.6% of City of Plano property tax collections were directed toward repaying debt. In 2016-17, just 25.7% of property tax collections are used to repay debt. This shift has permitted the City of Plano to fund more infrastructure repair and renovation projects on a pay-as-you-go basis through the Capital Reserve Fund, increase the number of public safety positions and place completed CIP projects into service without raising taxes.

The 2016-17 ad valorem tax rate will decrease one cent from 48.86 cents per \$100 valuation to a new rate of 47.86 cents. 80% of this decrease comes from the reduction of Plano's debt service rate. The debt portion of the tax rate decreased from .1310 to .1230 and allows the City to make existing 2016-17 debt service payments as well as issue general obligation bonds in 2017.

## City of Plano Debt Information for 2016-17

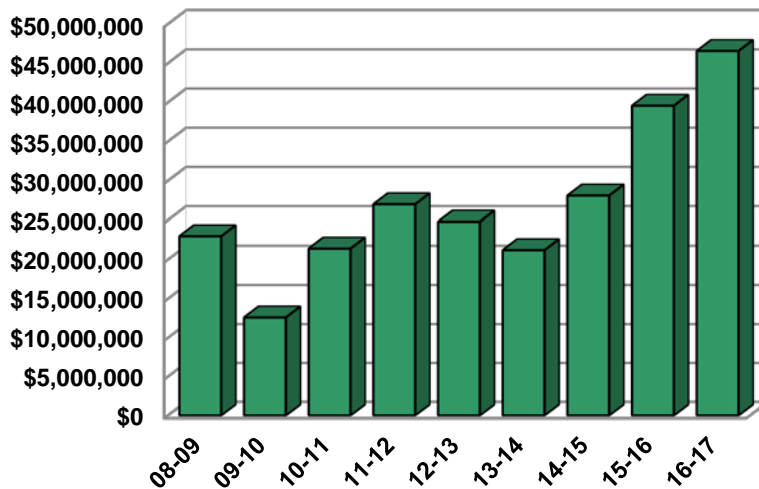
The 2016-17 Community Investment Program (CIP) includes plans that require a general obligation bond issuance of \$46,555,000 to support capital projects and a tax note issuance of \$15,000,000 to support the Technology Service NextGen program and the procurement and implementation of body cameras for Plano police officers. New debt requirements for 2016-17 include interest payments of \$1,721,779 for both new general obligation bonds and tax notes. Repayment of principle on these new issues is expected to begin in 2017-18. The CIP supporting bond issues are distributed as follows:

### Anticipated 2016-17 General Obligation Issue

Street Improvements	\$20,000,000
Park Improvements	18,455,000
Public Infrastructure Improvements	6,000,000
Recreation Centers	<u>2,100,000</u>
<b>Total =</b>	<b>\$46,555,000</b>

The following chart depicts the amount of new general obligation debt issued each fiscal year over the past several years.

### General Obligation Bonds



On May 11, 2013, Plano voters approved \$98,313,000 in new bond authority to support capital projects for Street Improvements, Park Improvements, Recreation Facilities and Public Infrastructure Improvements. Along with authority approved in May 2009, these resources will be utilized to fund projects in the 2016-17 CIP. Development has begun on a bond referendum to take place in May 2017 that will be necessary to support future projects starting in the 2017-18 fiscal year.

**City of Plano Debt Information for 2016-17**

**USES OF DEBT  
BY GENERAL OBLIGATION BOND ISSUE**

<b>Issue</b>	<b>Parks &amp; Recreation Centers</b>	<b>Street Improvements</b>	<b>City Facilities</b>	<b>Public Infrastructure Improvements</b>	<b>Refunding of Prior Issues</b>
2007 G.O.	21,470,000	10,167,000	4,770,000	-	-
2008 G.O.	12,795,000	20,155,000	8,720,000	-	-
2009 G.O.	12,840,000	2,175,000	7,955,000	-	12,375,000
2010 G.O.	5,505,000	6,110,000	1,000,000	-	15,895,000
2011 G.O.	11,775,000	9,100,000	525,000	-	-
2011A G.O.	8,695,000	8,000,000	10,300,000	-	21,465,000
2013 G.O.	8,150,000	16,000,000	650,000	-	42,960,000
2014 G.O.	14,960,000	-	2,240,000	3,000,000	8,710,000
2015 G.O.	24,000,000	4,100,000	-	-	54,595,000
2016 G.O.	29,300,000	5,570,000	3,200,000	1,500,000	36,535,000

**Category Descriptions:**

Parks & Recreation Centers includes land acquisitions, park & trail development and renovation projects and construction & renovation of recreation facilities.

Street Improvements includes new road construction, replacement and rehabilitation of existing streets, sidewalks, screening walls and traffic signals, intersection improvements and right of way acquisitions.

City Facilities includes new buildings and renovations to existing buildings for Plano's Police, Fire, Libraries, Technology Services, Animal Services and other departments.

Public Infrastructure Improvements includes improvements, renovations, demolition and rehabilitation of public infrastructure improvements related to economic redevelopment.

Refunding of Prior Issues is from refinancing existing debt to obtain a lower interest rate. The repayment term does not change for refunded debt.

**USES OF DEBT  
BY TAX NOTE & CERTIFICATE OF OBLIGATION ISSUE**

<b>Issue</b>	<b>Technology</b>	<b>Purpose</b>
2010 C.O.	9,660,000	Radio System Infrastructure
2015 Tax Notes	5,900,000	Public Safety Radios, Telephone System and PLL System

Outstanding Tax Note and Certificate of Obligation debt has been used solely for technology projects.

**City of Plano Debt Information for 2016-17**

**GENERAL OBLIGATION BONDS  
DEBT REQUIREMENTS  
SUMMARY  
2016-17**

<u>Issue</u>	<u>Purpose</u>	<u>Principal Outstanding 10/1/2016</u>	<u>Current Requirements</u>		
			<u>Principal</u>	<u>Interest/ Accretion</u>	<u>Total</u>
2008	G.O. Improvements	1,885,000	1,885,000	94,250	1,979,250
2009	G.O. Refunding/Improvements	8,970,000	1,850,000	349,388	2,199,388
2010	G.O. Refunding/Improvements	15,550,000	1,660,000	609,800	2,269,800
2010	C.O.'s	6,030,000	665,000	240,400	905,400
2011	G.O. Improvements	17,635,000	855,000	749,798	1,604,798
2011	G.O. Refunding/Improvements	36,440,000	2,920,000	1,521,674	4,441,674
2013	G.O. Refunding/Improvements	59,350,000	2,490,000	2,665,063	5,155,063
2014	G.O. Refunding/Improvements	20,860,000	2,590,000	688,544	3,278,544
2015	G.O. Refunding/Improvements	64,865,000	9,725,000	3,243,250	12,968,250
2015	Tax Notes	4,620,000	885,000	111,500	996,500
2016	G.O. Refunding/Improvements	<u>66,385,000</u>	<u>980,000</u>	<u>3,004,500</u>	<u>3,984,500</u>
<b>T O T A L</b>		<b><u>302,590,000</u></b>	<b><u>26,505,000</u></b>	<b><u>13,278,165</u></b>	<b><u>39,783,165</u></b>
2017	G.O. Improvements	46,555,000	0	1,082,404	1,082,404
2017	Tax Notes	<u>15,000,000</u>	<u>0</u>	<u>639,375</u>	<u>639,375</u>
		<b><u>364,145,000</u></b>	<b><u>26,505,000</u></b>	<b><u>14,999,944</u></b>	<b><u>41,504,944</u></b>

**City of Plano Debt Information for 2016-17**

**GENERAL OBLIGATION BONDS  
ANNUAL DEBT SERVICE REQUIREMENTS  
EXISTING DEBT - ALL SERIES**

<u>Fiscal Year</u>	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
2016-2017	26,505,000	13,278,165	39,783,165
2017-2018	25,440,000	12,250,065	37,690,065
2018-2019	25,000,000	11,186,778	36,186,778
2019-2020	21,475,000	10,040,703	31,515,703
2020-2021	21,485,000	9,037,203	30,522,203
2021-2022	20,145,000	8,032,303	28,177,303
2022-2023	19,885,000	7,104,128	26,989,128
2023-2024	19,425,000	6,195,321	25,620,321
2024-2025	19,490,000	5,265,159	24,755,159
2025-2026	17,595,000	4,412,219	22,007,219
2026-2027	15,365,000	3,617,688	18,982,688
2027-2028	13,520,000	3,019,800	16,539,800
2028-2029	10,895,000	2,535,906	13,430,906
2029-2030	9,985,000	2,052,006	12,037,006
2030-2031	9,500,000	1,617,519	11,117,519
2031-2032	8,290,000	1,200,769	9,490,769
2032-2033	6,730,000	856,425	7,586,425
2033-2034	5,405,000	571,850	5,976,850
2034-2035	4,195,000	322,750	4,517,750
2035-2036	<u>2,260,000</u>	<u>113,000</u>	<u>2,373,000</u>
<b>T O T A L</b>	<b><u>302,590,000</u></b>	<b><u>102,709,754</u></b>	<b><u>405,299,754</u></b>

City of Plano Debt Information for 2016-17

GENERAL OBLIGATION BONDS  
2008 SERIES

Issue: \$41,295,000  
Dated: January 2008  
Interest Rate: Varies 3.5% to 5.0%

<u>Maturity</u>	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
3-1-17		47,125	47,125
9-1-17	1,885,000	47,125	1,932,125
<b>TOTAL</b>	<b>1,885,000</b>	<b>94,250</b>	<b>1,979,250</b>

## City of Plano Debt Information for 2016-17

### GENERAL OBLIGATION BONDS & REFUNDING BONDS 2009 SERIES

Issue: \$35,330,000

Dated: January 2009

Interest Rate: Varies 2.25% to 5.0%

<u>Maturity</u>	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
3-1-17		174,694	174,694
9-1-17	1,850,000	174,694	2,024,694
3-1-18		146,944	146,944
9-1-18	1,915,000	146,944	2,061,944
3-1-19		115,825	115,825
9-1-19	380,000	115,825	495,825
3-1-20		108,225	108,225
9-1-20	395,000	108,225	503,225
3-1-21		100,325	100,325
9-1-21	410,000	100,325	510,325
3-1-22		92,125	92,125
9-1-22	425,000	92,125	517,125
3-1-23		83,625	83,625
9-1-23	445,000	83,625	528,625
3-1-24		74,447	74,447
9-1-24	465,000	74,447	539,447
3-1-25		64,275	64,275
9-1-25	490,000	64,275	554,275
3-1-26		53,250	53,250
9-1-26	510,000	53,250	563,250
3-1-27		41,456	41,456
9-1-27	535,000	41,456	576,456
3-1-28		28,750	28,750
9-1-28	560,000	28,750	588,750
3-1-29		14,750	14,750
9-1-29	<u>590,000</u>	<u>14,750</u>	<u>604,750</u>
<b>TOTAL</b>	<b>8,970,000</b>	<b>2,197,381</b>	<b>11,167,381</b>

**City of Plano Debt Information for 2016-17**

**GENERAL OBLIGATION BONDS & REFUNDING BONDS  
2010 SERIES**

Issue: \$28,520,000  
 Dated: January 2010  
 Interest Rate: Varies 2.0% to 4.0%

<u>Maturity</u>	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
3-1-17		304,900	304,900
9-1-17	1,660,000	304,900	1,964,900
3-1-18		280,000	280,000
9-1-18	1,720,000	280,000	2,000,000
3-1-19		249,900	249,900
9-1-19	1,775,000	249,900	2,024,900
3-1-20		218,838	218,838
9-1-20	1,835,000	218,838	2,053,838
3-1-21		183,763	183,763
9-1-21	1,910,000	183,763	2,093,763
3-1-22		145,563	145,563
9-1-22	625,000	145,563	770,563
3-1-23		133,063	133,063
9-1-23	650,000	133,063	783,063
3-1-24		121,038	121,038
9-1-24	675,000	121,038	796,038
3-1-25		108,550	108,550
9-1-25	700,000	108,550	808,550
3-1-26		95,600	95,600
9-1-26	725,000	95,600	820,600
3-1-27		77,475	77,475
9-1-27	760,000	77,475	837,475
3-1-28		58,475	58,475
9-1-28	800,000	58,475	858,475
3-1-29		38,475	38,475
9-1-29	835,000	38,475	873,475
3-1-30		17,600	17,600
9-1-30	<u>880,000</u>	<u>17,600</u>	<u>897,600</u>
<b>TOTAL</b>	<b><u>15,550,000</u></b>	<b><u>4,066,475</u></b>	<b><u>19,616,475</u></b>



City of Plano Debt Information for 2016-17

CERTIFICATES OF OBLIGATION  
2010 SERIES

Issue: \$9,660,000  
Dated: January 2010  
Interest Rate: Varies 2.0% to 5.0%

<u>Maturity</u>	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
3-1-17		120,200	120,200
9-1-17	665,000	120,200	785,200
3-1-18		110,225	110,225
9-1-18	685,000	110,225	795,225
3-1-19		98,238	98,238
9-1-19	710,000	98,238	808,238
3-1-20		85,813	85,813
9-1-20	735,000	85,813	820,813
3-1-21		71,113	71,113
9-1-21	760,000	71,113	831,113
3-1-22		55,913	55,913
9-1-22	795,000	55,913	850,913
3-1-23		42,000	42,000
9-1-23	820,000	42,000	862,000
3-1-24		21,500	21,500
9-1-24	<u>860,000</u>	<u>21,500</u>	<u>881,500</u>
<b>TOTAL</b>	<b><u>6,030,000</u></b>	<b><u>1,210,001</u></b>	<b><u>7,240,001</u></b>

**City of Plano Debt Information for 2016-17**

**GENERAL OBLIGATION BONDS  
2011 SERIES**

Issue: \$21,400,000  
 Dated: January 2011  
 Interest Rate: Varies 2.5% to 4.75%

<u>Maturity</u>	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
3-1-17		374,899	374,899
9-1-17	855,000	374,899	1,229,899
3-1-18		362,074	362,074
9-1-18	895,000	362,074	1,257,074
3-1-19		346,411	346,411
9-1-19	930,000	346,411	1,276,411
3-1-20		327,811	327,811
9-1-20	975,000	327,811	1,302,811
3-1-21		308,311	308,311
9-1-21	1,015,000	308,311	1,323,311
3-1-22		288,011	288,011
9-1-22	1,060,000	288,011	1,348,011
3-1-23		266,811	266,811
9-1-23	1,105,000	266,811	1,371,811
3-1-24		244,711	244,711
9-1-24	1,155,000	244,711	1,399,711
3-1-25		220,889	220,889
9-1-25	1,205,000	220,889	1,425,889
3-1-26		195,584	195,584
9-1-26	1,260,000	195,584	1,455,584
3-1-27		168,022	168,022
9-1-27	1,315,000	168,022	1,483,022
3-1-28		138,434	138,434
9-1-28	1,375,000	138,434	1,513,434
3-1-29		106,638	106,638
9-1-29	1,435,000	106,638	1,541,638
3-1-30		72,556	72,556
9-1-30	1,495,000	72,556	1,567,556
3-1-31		37,050	37,050
9-1-31	<u>1,560,000</u>	<u>37,050</u>	<u>1,597,050</u>
<b>T O T A L</b>	<b><u>17,635,000</u></b>	<b><u>6,916,428</u></b>	<b><u>24,551,428</u></b>

**City of Plano Debt Information for 2016-17**

**GENERAL OBLIGATION BONDS & REFUNDING BONDS  
2011 SERIES**

Issue: \$46,400,000  
 Dated: November 2011  
 Interest Rate: Varies 3.0% to 5.0%

<u>Maturity</u>	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
3-1-17		760,837	760,837
9-1-17	2,920,000	760,837	3,680,837
3-1-18		702,437	702,437
9-1-18	3,040,000	702,437	3,742,437
3-1-19		641,637	641,637
9-1-19	3,170,000	641,637	3,811,637
3-1-20		562,387	562,387
9-1-20	3,330,000	562,387	3,892,387
3-1-21		479,137	479,137
9-1-21	3,500,000	479,137	3,979,137
3-1-22		391,637	391,637
9-1-22	3,685,000	391,637	4,076,637
3-1-23		317,937	317,937
9-1-23	2,630,000	317,937	2,947,937
3-1-24		278,487	278,487
9-1-24	1,340,000	278,487	1,618,487
3-1-25		244,987	244,987
9-1-25	1,410,000	244,987	1,654,987
3-1-26		221,722	221,722
9-1-26	1,455,000	221,722	1,676,722
3-1-27		197,169	197,169
9-1-27	1,505,000	197,169	1,702,169
3-1-28		167,069	167,069
9-1-28	1,565,000	167,069	1,732,069
3-1-29		135,769	135,769
9-1-29	1,625,000	135,769	1,760,769
3-1-30		105,300	105,300
9-1-30	1,685,000	105,300	1,790,300
3-1-31		71,600	71,600
9-1-31	1,755,000	71,600	1,826,600
3-1-32		36,500	36,500
9-1-32	<u>1,825,000</u>	<u>36,500</u>	<u>1,861,500</u>
<b>T O T A L</b>	<b><u>36,440,000</u></b>	<b><u>10,629,220</u></b>	<b><u>47,069,220</u></b>

**City of Plano Debt Information for 2016-17**

**GENERAL OBLIGATION BONDS & REFUNDING BONDS  
2013 SERIES**

Issue: \$61,925,000  
 Dated: April 2013  
 Interest Rate: Varies 2.0% to 5.0%

<u>Maturity</u>	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
3-1-17		1,332,531	1,332,531
9-1-17	2,490,000	1,332,531	3,822,531
3-1-18		1,295,181	1,295,181
9-1-18	2,460,000	1,295,181	3,755,181
3-1-19		1,245,981	1,245,981
9-1-19	4,940,000	1,245,981	6,185,981
3-1-20		1,122,481	1,122,481
9-1-20	5,195,000	1,122,481	6,317,481
3-1-21		992,606	992,606
9-1-21	5,465,000	992,606	6,457,606
3-1-22		855,981	855,981
9-1-22	5,735,000	855,981	6,590,981
3-1-23		712,606	712,606
9-1-23	6,020,000	712,606	6,732,606
3-1-24		562,106	562,106
9-1-24	6,320,000	562,106	6,882,106
3-1-25		404,106	404,106
9-1-25	6,635,000	404,106	7,039,106
3-1-26		271,406	271,406
9-1-26	4,145,000	271,406	4,416,406
3-1-27		183,325	183,325
9-1-27	1,260,000	183,325	1,443,325
3-1-28		158,125	158,125
9-1-28	1,310,000	158,125	1,468,125
3-1-29		131,925	131,925
9-1-29	1,365,000	131,925	1,496,925
3-1-30		104,625	104,625
9-1-30	1,420,000	104,625	1,524,625
3-1-31		76,225	76,225
9-1-31	1,475,000	76,225	1,551,225
3-1-32		46,725	46,725
9-1-32	1,535,000	46,725	1,581,725
3-1-33		23,700	23,700
9-1-33	<u>1,580,000</u>	<u>23,700</u>	<u>1,603,700</u>
<b>T O T A L</b>	<u>59,350,000</u>	<u>19,039,275</u>	<u>78,389,275</u>

**City of Plano Debt Information for 2016-17**

**GENERAL OBLIGATION BONDS & REFUNDING BONDS  
2014 SERIES**

Issue: \$29,325,000  
 Dated: April 2014  
 Interest Rate: Varies 2.0% to 4.0%

<u>Maturity</u>	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
3-1-17		344,272	344,272
9-1-17	2,590,000	344,272	2,934,272
3-1-18		305,422	305,422
9-1-18	850,000	305,422	1,155,422
3-1-19		292,672	292,672
9-1-19	865,000	292,672	1,157,672
3-1-20		284,022	284,022
9-1-20	880,000	284,022	1,164,022
3-1-21		266,422	266,422
9-1-21	900,000	266,422	1,166,422
3-1-22		248,422	248,422
9-1-22	920,000	248,422	1,168,422
3-1-23		230,022	230,022
9-1-23	945,000	230,022	1,175,022
3-1-24		211,122	211,122
9-1-24	965,000	211,122	1,176,122
3-1-25		196,647	196,647
9-1-25	1,005,000	196,647	1,201,647
3-1-26		176,547	176,547
9-1-26	1,035,000	176,547	1,211,547
3-1-27		161,022	161,022
9-1-27	1,080,000	161,022	1,241,022
3-1-28		144,822	144,822
9-1-28	1,120,000	144,822	1,264,822
3-1-29		128,022	128,022
9-1-29	1,165,000	128,022	1,293,022
3-1-30		110,547	110,547
9-1-30	1,210,000	110,547	1,320,547
3-1-31		90,884	90,884
9-1-31	1,260,000	90,884	1,350,884
3-1-32		70,409	70,409
9-1-32	1,305,000	70,409	1,375,409
3-1-33		48,388	48,388
9-1-33	1,355,000	48,388	1,403,388
3-1-34		24,675	24,675
9-1-34	1,410,000	24,675	1,434,675
<b>T O T A L</b>	<b>20,860,000</b>	<b>6,668,675</b>	<b>60,450,626</b>

**City of Plano Debt Information for 2016-17**

**GENERAL OBLIGATION BONDS  
2015 SERIES**

Issue: \$75,685,000  
 Dated: June 2015  
 Interest Rate: Varies 2.0% to 5.0%

<u>Maturity</u>	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
3-1-17		1,621,625	1,621,625
9-1-17	9,725,000	1,621,625	11,346,625
3-1-18		1,378,500	1,378,500
9-1-18	10,315,000	1,378,500	11,693,500
3-1-19		1,120,625	1,120,625
9-1-19	7,600,000	1,120,625	8,720,625
3-1-20		930,625	930,625
9-1-20	3,295,000	930,625	4,225,625
3-1-21		848,250	848,250
9-1-21	2,465,000	848,250	3,313,250
3-1-22		786,625	786,625
9-1-22	2,600,000	786,625	3,386,625
3-1-23		721,625	721,625
9-1-23	3,040,000	721,625	3,761,625
3-1-24		645,625	645,625
9-1-24	3,205,000	645,625	3,850,625
3-1-25		565,500	565,500
9-1-25	3,375,000	565,500	3,940,500
3-1-26		481,125	481,125
9-1-26	3,560,000	481,125	4,041,125
3-1-27		392,125	392,125
9-1-27	3,250,000	392,125	3,642,125
3-1-28		310,875	310,875
9-1-28	0	310,875	310,875
3-1-29		310,875	310,875
9-1-29	1,525,000	310,875	1,835,875
3-1-30		272,750	272,750
9-1-30	1,605,000	272,750	1,877,750
3-1-31		232,625	232,625
9-1-31	1,685,000	232,625	1,917,625
3-1-32		190,500	190,500
9-1-32	1,770,000	190,500	1,960,500
3-1-33		146,250	146,250
9-1-33	1,855,000	146,250	2,001,250
3-1-34		99,875	99,875
9-1-34	1,950,000	99,875	2,049,875
3-1-35		51,125	51,125
9-1-35	<u>2,045,000</u>	<u>51,125</u>	<u>2,096,125</u>
<b>T O T A L</b>	<b><u>64,865,000</u></b>	<b><u>22,214,250</u></b>	<b><u>87,079,250</u></b>

City of Plano Debt Information for 2016-17

TAX NOTES  
2015 SERIES

Issue: \$5,745,000

Dated: June 2015

Interest Rate: Varies 2.0% to 3.0%

<u>Maturity</u>	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
3-1-17		55,750	55,750
9-1-17	885,000	55,750	940,750
3-1-18		46,900	46,900
9-1-18	905,000	46,900	951,900
3-1-19		37,850	37,850
9-1-19	920,000	37,850	957,850
3-1-20		28,650	28,650
9-1-20	940,000	28,650	968,650
3-1-21		14,550	14,550
9-1-21	<u>970,000</u>	<u>14,550</u>	<u>984,550</u>
<b>TOTAL</b>	<b>4,620,000</b>	<b>367,400</b>	<b>4,987,400</b>

**City of Plano Debt Information for 2016-17**

**GENERAL OBLIGATION BONDS  
2016 SERIES**

Issue: \$67,195,000

Dated: June 2016

Interest Rate: Varies 1.0% to 5.0%

<u>Maturity</u>	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
3-1-17		1,502,250	1,502,250
9-1-17	980,000	1,502,250	2,482,250
3-1-18		1,497,350	1,497,350
9-1-18	2,655,000	1,497,350	4,152,350
3-1-19		1,444,250	1,444,250
9-1-19	3,710,000	1,444,250	5,154,250
3-1-20		1,351,500	1,351,500
9-1-20	3,895,000	1,351,500	5,246,500
3-1-21		1,254,125	1,254,125
9-1-21	4,090,000	1,254,125	5,344,125
3-1-22		1,151,875	1,151,875
9-1-22	4,300,000	1,151,875	5,451,875
3-1-23		1,044,375	1,044,375
9-1-23	4,230,000	1,044,375	5,274,375
3-1-24		938,625	938,625
9-1-24	4,440,000	938,625	5,378,625
3-1-25		827,625	827,625
9-1-25	4,670,000	827,625	5,497,625
3-1-26		710,875	710,875
9-1-26	4,905,000	710,875	5,615,875
3-1-27		588,250	588,250
9-1-27	5,660,000	588,250	6,248,250
3-1-28		503,350	503,350
9-1-28	6,790,000	503,350	7,293,350
3-1-29		401,500	401,500
9-1-29	2,355,000	401,500	2,756,500
3-1-30		342,625	342,625
9-1-30	1,690,000	342,625	2,032,625
3-1-31		300,375	300,375
9-1-31	1,765,000	300,375	2,065,375
3-1-32		256,250	256,250
9-1-32	1,855,000	256,250	2,111,250
3-1-33		209,875	209,875
9-1-33	1,940,000	209,875	2,149,875
3-1-34		161,375	161,375
9-1-34	2,045,000	161,375	2,206,375
3-1-35		110,250	110,250
9-1-35	2,150,000	110,250	2,260,250
3-1-36		56,500	56,500
9-1-36	<u>2,260,000</u>	<u>56,500</u>	<u>2,316,500</u>
<b>TOTAL</b>	<b>66,385,000</b>	<b>29,306,400</b>	<b>95,691,400</b>



## City of Plano Debt Information for 2016-17

### TAX NOTES PROJECTED 2016 SERIES

Issue: \$15,000,000

Dated: November 2016

Interest Rate: Projected Average 5.0%

<u>Maturity</u>	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
9-1-17		687,500	687,500
3-1-18		375,000	375,000
9-1-18	1,895,000	375,000	2,270,000
3-1-19		304,691	304,691
9-1-19	1,980,000	304,691	2,284,691
3-1-20		258,656	258,656
9-1-20	2,075,000	258,656	2,333,656
3-1-21		210,413	210,413
9-1-21	2,175,000	210,413	2,385,413
3-1-22		159,844	159,844
9-1-22	2,270,000	159,844	2,429,844
3-1-23		107,066	107,066
9-1-23	2,375,000	107,066	2,482,066
3-1-24		51,848	51,848
9-1-24	<u>2,230,000</u>	<u>51,848</u>	<u>2,281,848</u>
<b>TOTAL</b>	<b>15,000,000</b>	<b>3,622,535</b>	<b>18,622,535</b>

## City of Plano Debt Information for 2016-17

### GENERAL OBLIGATION BONDS PROJECTED 2017 SERIES

Issue: \$46,555,000

Dated: Spring 2017

Interest Rate: Projected Average 4.65%

<u>Maturity</u>	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
9-1-17		1,082,404	1,082,404
3-1-18		1,082,404	1,082,404
9-1-18	1,465,000	1,082,404	2,547,404
3-1-19		1,048,343	1,048,343
9-1-19	1,530,000	1,048,343	2,578,343
3-1-20		1,012,770	1,012,770
9-1-20	1,600,000	1,012,770	2,612,770
3-1-21		975,570	975,570
9-1-21	1,670,000	975,570	2,645,570
3-1-22		936,743	936,743
9-1-22	1,750,000	936,743	2,686,743
3-1-23		896,055	896,055
9-1-23	1,835,000	896,055	2,731,055
3-1-24		853,391	853,391
9-1-24	1,920,000	853,391	2,773,391
3-1-25		808,751	808,751
9-1-25	2,010,000	808,751	2,818,751
3-1-26		762,019	762,019
9-1-26	2,100,000	762,019	2,862,019
3-1-27		713,194	713,194
9-1-27	2,200,000	713,194	2,913,194
3-1-28		662,044	662,044
9-1-28	2,300,000	662,044	2,962,044
3-1-29		608,569	608,569
9-1-29	2,410,000	608,569	3,018,569
3-1-30		552,536	552,536
9-1-30	2,520,000	552,536	3,072,536
3-1-31		493,946	493,946
9-1-31	2,640,000	493,946	3,133,946
3-1-32		465,125	465,125
9-1-32	2,760,000	465,125	3,225,125
3-1-33		368,396	368,396
9-1-33	2,885,000	368,396	3,253,396
3-1-34		301,320	301,320
9-1-34	3,025,000	301,320	3,326,320
3-1-35		230,989	230,989
9-1-35	3,165,000	230,989	3,395,989
3-1-36		157,403	157,403
9-1-36	3,310,000	157,403	3,467,403
3-1-37		80,445	80,445
9-1-37	<u>3,460,000</u>	<u>80,445</u>	<u>3,540,445</u>
<b>T O T A L</b>	<b><u>46,555,000</u></b>	<b><u>27,102,426</u></b>	<b><u>73,657,426</u></b>

## City of Plano Debt Information for 2016-17

### USES OF DEBT BY REVENUE BOND ISSUE

<b>Issue</b>	<b>New Projects</b>	<b>Refunding of Prior Issues</b>
2007 Drainage	2,000,000	-
2008 Drainage	2,085,000	-
2009 Drainage	1,835,000	2,955,000
2010 Drainage	3,475,000	3,315,000
2015 Drainage	-	7,105,000
2016 Water & Sewer	27,975,000	-

**Category Descriptions:**

New projects includes water infrastructure, sewer infrastructure, drainage improvements and erosion control projects to support Plano's water & sewer system or municipal drainage system.

Refunding of Prior Issues is from refinancing existing revenue debt to obtain a lower interest rate. The repayment term does not change for refunded issues.

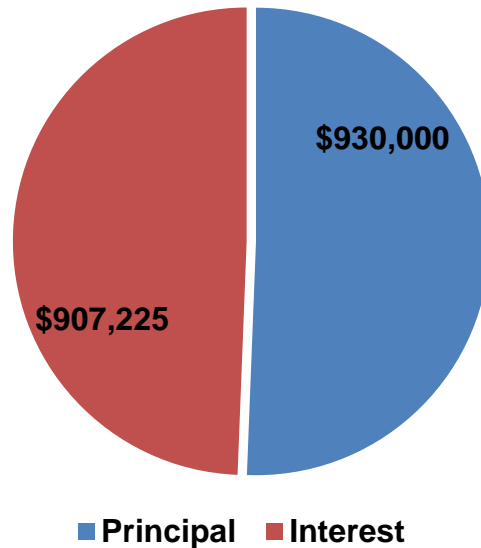
**City of Plano Debt Information for 2016-17**

**WATER AND SEWER REVENUE BONDS**

The City of Plano issued Water & Sewer Revenue Bonds totaling \$24,775,000 in April 2016 to support the construction of four large sanitary sewer projects. At that time the bonds were rated as AAA by both Standard & Poor's and Fitch Ratings. Prior to FY 2015-16, Plano had operated on a completely cash funded, pay-as-you-go system for water and sewer capital improvements since 1994. The City of Plano intends to resume a pay-as-you-go approach to funding water and sanitary sewer infrastructure going forward, meaning no additional Water & Sewer debt expected to be issued at this time. However, large water or sewer projects may appear in the future that cannot be supported by current revenues, which would necessitate another issuance of Water & Sewer Revenue Bonds.

The current outstanding Water & Sewer debt equals \$24,775,000. The 2016-17 debt service requirement is \$1,837,225, which is detailed on the chart below.

**2016-17 Water & Sewer Revenue Bond  
Debt Requirement  
\$1,837,225**



## City of Plano Debt Information for 2016-17

### WATER & SEWER REVENUE BONDS 2016 SERIES

Issue: \$24,775,000  
 Dated: June 2016  
 Interest Rate: 1.0% to 5.0%

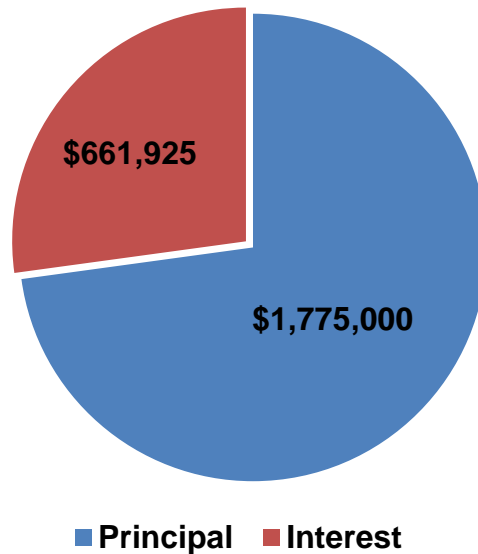
<u>Maturity</u>	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
11-1-16		412,375	412,375
5-1-17	930,000	494,850	1,424,850
11-1-17		490,200	490,200
5-1-18	855,000	490,200	1,345,200
11-1-18		477,375	477,375
5-1-19	880,000	477,375	1,357,375
11-1-19		464,175	464,175
5-1-20	905,000	464,175	1,369,175
11-1-20		446,075	446,075
5-1-21	945,000	446,075	1,391,075
11-1-21		427,175	427,175
5-1-22	980,000	427,175	1,407,175
11-1-22		407,575	407,575
5-1-23	1,020,000	407,575	1,427,575
11-1-23		382,075	382,075
5-1-24	1,070,000	382,075	1,452,075
11-1-24		355,325	355,325
5-1-25	1,125,000	355,325	1,480,325
11-1-25		327,200	327,200
5-1-26	1,180,000	327,200	1,507,200
11-1-26		297,700	297,700
5-1-27	1,240,000	297,700	1,537,700
11-1-27		272,900	272,900
5-1-28	1,290,000	272,900	1,562,900
11-1-28		247,100	247,100
5-1-29	1,340,000	247,100	1,587,100
11-1-29		220,300	220,300
5-1-30	1,395,000	220,300	1,615,300
11-1-30		192,400	192,400
5-1-31	1,450,000	192,400	1,642,400
11-1-31		163,400	163,400
5-1-32	1,510,000	163,400	1,673,400
11-1-32		133,200	133,200
5-1-33	1,570,000	133,200	1,703,200
11-1-33		101,800	101,800
5-1-34	1,630,000	101,800	1,731,800
11-1-34		69,200	69,200
5-1-35	1,695,000	69,200	1,764,200
11-1-35		35,300	35,300
5-1-36	1,765,000	35,300	1,800,300
<b>TOTAL</b>	<b>24,775,000</b>	<b>11,928,175</b>	<b>36,703,175</b>

**MUNICIPAL DRAINAGE REVENUE BONDS**

Municipal Drainage Revenue Bonds are issued for a term of twenty years for the purpose of constructing Municipal Drainage Capital Improvements such as erosion control, storm sewers, channelization, and culverts. The net revenues of the Municipal Drainage Operating Fund secure these bonds and are based on the rate structure established in 1992-93 and last updated in October 2014. The City of Plano's Municipal Drainage Revenue Bonds were last rated as AAA by Standard & Poor's and Aa1 by Moody's in May 2015. A \$7.5 million Municipal Drainage bond sale is projected in 2016-17.

The current outstanding Municipal Drainage debt equals \$13,760,000. The projected 2016-17 requirements are estimated at \$2,436,925 and are detailed on the chart below.

**2016-17 Drainage Revenue Bond  
Debt Requirement  
\$2,436,925**



**City of Plano Debt Information for 2016-17**

**MUNICIPAL DRAINAGE REVENUE BONDS  
DEBT REQUIREMENTS  
SUMMARY  
2016-17**

<u>Issue</u>	<u>Purpose</u>	<u>Principal Outstanding 10-01-16</u>	<u>Current Requirements</u>		
			<u>Principal</u>	<u>Interest</u>	<u>Total</u>
2007	Drainage Improvements	95,000	95,000	3,800	98,800
2008	Drainage Improvements	1,480,000	95,000	61,969	156,969
2009	Drainage Improvements	1,670,000	265,000	69,363	334,363
2010	Drainage Improvements	4,590,000	380,000	177,644	557,644
2015	Drainage Refunding	<u>5,925,000</u>	<u>940,000</u>	<u>156,025</u>	<u>1,096,025</u>
<b>TOTAL</b>		<b><u>13,760,000</u></b>	<b><u>1,775,000</u></b>	<b><u>468,800</u></b>	<b><u>2,243,800</u></b>
2016	Drainage Improvements	<u>7,500,000</u>	<u>0</u>	<u>193,125</u>	<u>193,125</u>
		<b><u>21,260,000</u></b>	<b><u>1,775,000</u></b>	<b><u>661,925</u></b>	<b><u>2,436,925</u></b>

City of Plano Debt Information for 2016-17

MUNICIPAL DRAINAGE REVENUE BONDS  
ANNUAL DEBT SERVICE REQUIREMENTS  
EXISTING DEBT - ALL SERIES

<u>Maturity</u>	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
2016-2017	1,775,000	468,800	2,243,800
2017-2018	1,600,000	423,050	2,023,050
2018-2019	1,440,000	379,625	1,819,625
2019-2020	1,285,000	341,450	1,626,450
2020-2021	1,330,000	296,488	1,626,488
2021-2022	1,065,000	249,913	1,314,913
2022-2023	1,105,000	213,013	1,318,013
2023-2024	855,000	171,994	1,026,994
2024-2025	880,000	140,984	1,020,984
2025-2026	680,000	104,659	784,659
2026-2027	595,000	75,869	670,869
2027-2028	515,000	50,881	565,881
2028-2029	375,000	27,963	402,963
2029-2030	<u>260,000</u>	<u>11,050</u>	<u>271,050</u>
<b>T O T A L</b>	<b><u>13,760,000</u></b>	<b><u>2,955,736</u></b>	<b><u>16,715,736</u></b>



City of Plano Debt Information for 2016-17

MUNICIPAL DRAINAGE REVENUE BONDS  
2007 SERIES

Issue: \$2,000,000

Dated: May 2007

Interest Rate: Varies 4.0% to 5.5%

<u>Maturity</u>	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
11-15-16		1,900	1,900
5-15-17	<u>95,000</u>	<u>1,900</u>	<u>96,900</u>
<b>TOTAL</b>	<b><u>95,000</u></b>	<b><u>3,800</u></b>	<b><u>98,800</u></b>

**City of Plano Debt Information for 2016-17**  
**MUNICIPAL DRAINAGE REVENUE BONDS**  
**2008 SERIES**

Issue: \$2,085,000  
Dated: January 2008  
Interest Rate: Varies 4.0% to 4.5%

<u>Maturity</u>	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
11-15-16		30,984	30,984
5-15-17	95,000	30,984	125,984
11-15-17		29,084	29,084
5-15-18	100,000	29,084	129,084
11-15-18		27,084	27,084
5-15-19	105,000	27,084	132,084
11-15-19		24,984	24,984
5-15-20	110,000	24,984	134,984
11-15-20		22,784	22,784
5-15-21	115,000	22,784	137,784
11-15-21		20,484	20,484
5-15-22	120,000	20,484	140,484
11-15-22		18,084	18,084
5-15-23	125,000	18,084	143,084
11-15-23		15,506	15,506
5-15-24	130,000	15,506	145,506
11-15-24		12,776	12,776
5-15-25	135,000	12,776	147,776
11-15-25		9,908	9,908
5-15-26	140,000	9,908	149,908
11-15-26		6,863	6,863
5-15-27	150,000	6,863	156,863
11-15-27		3,488	3,488
5-15-28	<u>155,000</u>	<u>3,488</u>	<u>158,488</u>
<b>TOTAL</b>	<b><u>1,480,000</u></b>	<b><u>444,061</u></b>	<b><u>1,924,061</u></b>

**City of Plano Debt Information for 2016-17**

**MUNICIPAL DRAINAGE REVENUE BONDS  
2009 SERIES**

Issue: \$4,790,000  
 Dated: January 2009  
 Interest Rate: Varies 3.0% to 5.0%

<u>Maturity</u>	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
11-15-16		34,681	34,681
5-15-17	265,000	34,681	299,681
11-15-17		30,706	30,706
5-15-18	280,000	30,706	310,706
11-15-18		26,156	26,156
5-15-19	80,000	26,156	106,156
11-15-19		24,756	24,756
5-15-20	85,000	24,756	109,756
11-15-20		22,950	22,950
5-15-21	90,000	22,950	112,950
11-15-21		21,038	21,038
5-15-22	90,000	21,038	111,038
11-15-22		19,125	19,125
5-15-23	95,000	19,125	114,125
11-15-23		16,869	16,869
5-15-24	100,000	16,869	116,869
11-15-24		14,494	14,494
5-15-25	105,000	14,494	119,494
11-15-25		12,000	12,000
5-15-26	110,000	12,000	122,000
11-15-26		9,250	9,250
5-15-27	115,000	9,250	124,250
11-15-27		6,375	6,375
5-15-28	125,000	6,375	131,375
11-15-28		3,250	3,250
5-15-29	<u>130,000</u>	<u>3,250</u>	<u>133,250</u>
<b>TOTAL</b>	<b><u>1,670,000</u></b>	<b><u>483,300</u></b>	<b><u>2,153,300</u></b>

**City of Plano Debt Information for 2016-17**

**MUNICIPAL DRAINAGE REVENUE BONDS  
2010 SERIES**

Issue: \$6,790,000  
 Dated: January 2010  
 Interest Rate: Varies 2.0% to 4.25%

<u>Maturity</u>	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
11-15-16		88,822	88,822
5-15-17	380,000	88,822	468,822
11-15-17		83,122	83,122
5-15-18	395,000	83,122	478,122
11-15-18		76,209	76,209
5-15-19	405,000	76,209	481,209
11-15-19		69,122	69,122
5-15-20	425,000	69,122	494,122
11-15-20		60,622	60,622
5-15-21	440,000	60,622	500,622
11-15-21		51,822	51,822
5-15-22	460,000	51,822	511,822
11-15-22		42,622	42,622
5-15-23	480,000	42,622	522,622
11-15-23		33,022	33,022
5-15-24	205,000	33,022	238,022
11-15-24		28,922	28,922
5-15-25	210,000	28,922	238,922
11-15-25		24,722	24,722
5-15-26	220,000	24,722	244,722
11-15-26		20,322	20,322
5-15-27	230,000	20,322	250,322
11-15-27		15,578	15,578
5-15-28	235,000	15,578	250,578
11-15-28		10,731	10,731
5-15-29	245,000	10,731	255,731
11-15-29		5,525	5,525
5-15-30	<u>260,000</u>	<u>5,525</u>	<u>265,525</u>
<b>TOTAL</b>	<b><u>4,590,000</u></b>	<b><u>1,222,325</u></b>	<b><u>5,812,325</u></b>

## City of Plano Debt Information for 2016-17

### MUNICIPAL DRAINAGE REVENUE BONDS 2015 SERIES

Issue: \$7,105,000

Dated: June 2015

Interest Rate: Varies 2.0% to 4.0%

<u>Maturity</u>	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
11-15-16		78,013	78,013
5-15-17	940,000	78,013	1,018,013
11-15-17		68,613	68,613
5-15-18	825,000	68,613	893,613
11-15-18		60,363	60,363
5-15-19	850,000	60,363	910,363
11-15-19		51,863	51,863
5-15-20	665,000	51,863	716,863
11-15-20		41,888	41,888
5-15-21	685,000	41,888	726,888
11-15-21		31,613	31,613
5-15-22	395,000	31,613	426,613
11-15-22		26,675	26,675
5-15-23	405,000	26,675	431,675
11-15-23		20,600	20,600
5-15-24	420,000	20,600	440,600
11-15-24		14,300	14,300
5-15-25	430,000	14,300	444,300
11-15-25		5,700	5,700
5-15-26	210,000	5,700	215,700
11-15-26		1,500	1,500
5-15-27	<u>100,000</u>	<u>1,500</u>	<u>101,500</u>
<b>TOTAL</b>	<b><u>5,925,000</u></b>	<b><u>802,250</u></b>	<b><u>6,727,250</u></b>

## City of Plano Debt Information for 2016-17

### MUNICIPAL DRAINAGE REVENUE BONDS PROJECTED 2016 SERIES

Issue: \$7,500,000

Dated: November 2016

Interest Rate: Projected Average 5.15%

<u>Maturity</u>	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
5-15-17		193,125	193,125
11-15-17		193,125	193,125
5-15-18	220,000	193,125	413,125
11-15-18		187,460	187,460
5-15-19	230,000	187,460	417,460
11-15-19		176,250	176,250
5-15-20	245,000	176,250	421,250
11-15-20		170,125	170,125
5-15-21	255,000	170,125	425,125
11-15-21		163,750	163,750
5-15-22	280,000	163,750	443,750
11-15-22		156,750	156,750
5-15-23	290,000	156,750	446,750
11-15-23		149,500	149,500
5-15-24	300,000	149,500	449,500
11-15-24		142,000	142,000
5-15-25	325,000	142,000	467,000
11-15-25		133,875	133,875
5-15-26	340,000	133,875	473,875
11-15-26		125,375	125,375
5-15-27	350,000	125,375	475,375
11-15-27		116,625	116,625
5-15-28	375,000	116,625	491,625
11-15-28		107,250	107,250
5-15-29	395,000	107,250	502,250
11-15-29		97,375	97,375
5-15-30	415,000	97,375	512,375
11-15-30		87,000	87,000
5-15-31	435,000	87,000	522,000
11-15-31		76,125	76,125
5-15-32	455,000	76,125	531,125
11-15-32		64,750	64,750
5-15-33	480,000	64,750	544,750
11-15-33		52,750	52,750
5-15-34	490,000	52,750	542,750
11-15-34		40,500	40,500
5-15-35	510,000	40,500	550,500
11-15-35		27,750	27,750
5-15-36	540,000	27,750	567,750
11-15-36		14,250	14,250
5-15-37	<u>570,000</u>	<u>14,250</u>	<u>584,250</u>
<b>TOTAL</b>	<b><u>7,500,000</u></b>	<b><u>4,758,295</u></b>	<b><u>12,258,295</u></b>