

## William J. Gumbert

Managing Director Phone: (214) 576-0880 Facsimile: (214) 576-0890 bgumbert@boscinc.com

#### Joshua M. McLaughlin

Managing Director Phone: (214) 576-0878 Facsimile: (214) 576-0890 jmclaughlin@boscinc.com

February 17, 2016

Dr. Jamie Wilson Superintendent of Schools Denton Independent School District 1307 North Locust Denton, Texas 76201 Ms. Debbie Monschke Assistant Superintendent of Administrative Services Denton Independent School District 1307 North Locust Denton, Texas 76201

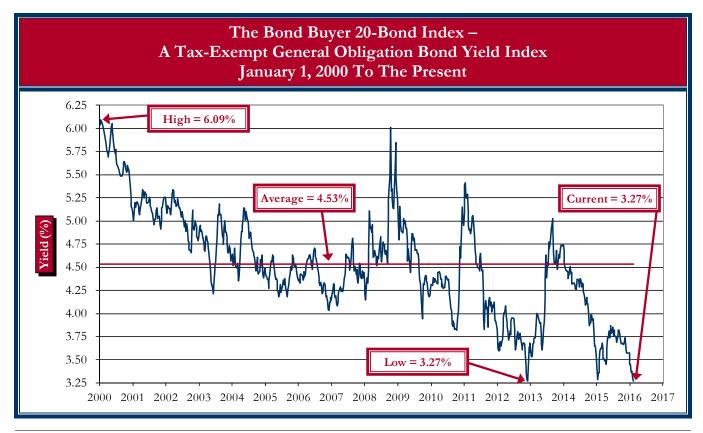
## Re: Denton ISD – Update of Potential Refunding Opportunity (February 2016)

Dear Dr. Wilson and Debbie:

This letter updates the savings potentially available to Denton Independent School District (the "District") by refunding its existing Unlimited Tax Refunding Bonds, Series 2006 and 2009 and Unlimited Tax School Building Bonds, Series 2007 and 2008 (collectively, the "Bonds to be Refunded") at a lower interest rate. To comply with Federal Tax Law, the District may complete the sale of refunding bonds in April 2016 or thereafter. For your review and consideration, we have included herein the preliminary financing plan and timetable to realize such savings for the District's taxpayers, as deemed appropriate.

#### **Current Interest Rates**

As represented by "The Bond Buyer 20-Bond Index" in the graph below, municipal interest rates trended lower over the last 6-months – Currently at an historical low and 1.26% below the historical average experienced since year 2000.



### Savings Available

## ■ Historical Savings – District's Prior Refunding Programs

The financing structure to complete the Refunding Program is identical to the District's prior refunding bond sales summarized below – Which have generated \$60,357,150 of savings for District taxpayers over the last 10-years.

Summary of Interest Cost Savings Achieved By The District – Last 10-Years				
Issue	Series Refunded	Principal Amount Refunded	Total Savings	
Unlimited Tax Refunding Bonds, Series 2005-C	1998, 1999 & 2001	\$ 50,855,000	\$ 3,251,044	
Unlimited Tax Refunding Bonds, Series 2006	2002	48,329,192	12,125,000	
Unlimited Tax Refunding Bonds, Series 2011	1998, 1999, 2001 & 2004	24,940,000	1,838,589	
Unlimited Tax Refunding Bonds, Series 2012-B	2002, 2004 & 2005-C	64,614,784	13,196,404	
Unlimited Tax Refunding Bonds, Taxable Series 2012-C	2004 & 2005-C	25,030,000	2,551,494	
Unlimited Tax Refunding Bonds, Series 2012-D	2004	40,155,000	8,937,721	
Unlimited Tax Refunding Bonds, Series 2014-C	2006-A	15,010,000	1,252,934	
Unlimited Tax Refunding Bonds, Series 2015	2007 & 2008	125,110,000	17,203,964	
Totals		\$394,043,976	\$ 60,357,150	

### ■ Summary of Savings – 2016 Refunding Program

Based upon current market conditions, the table below summarizes the savings available to the District by refunding its outstanding bonds at a lower interest rate.

Summary of Savings Available		
Description	Summary Of Results	
Principal Amount of the Bonds to be Refunded	\$ 118,749,192	
Interest Rate on the Bonds to be Refunded True Interest Rate on the Refunding Bonds ("All-In TIC") Escrow Yield	5.04% 3.11% 0.94%	
Total Debt Service Savings Average Annual Savings (i.e. Years 2017/18 – 2037/38) (21-Years) Present Value Debt Service Savings (@ All-In TIC)	\$ 44,487,925 2,118,346 30,850,038	
Present Value Savings as a Percentage of the Principal Amount/Accreted Value of the Bonds to be Refunded	17.82%	
Reduction in Maturity Amount of Capital Appreciation Bonds Within Debt Portfolio	\$120,415,000	

As shown below, the Refunding Program is anticipated to provide savings over the same repayment period of the District's existing bonds to be refunded at a lower interest rate.

Refunding Program – Estimated Annual Savings					
A	В	С	D	E	F
Fiscal Year	Existing Bond Payments	Less: Bond Payments – Bonds to be Refunded	Plus: Bond Payments – Refunding Bonds	Bond Payments – After Refunding Program	Savings <sup>(A)</sup> (Col. B – E)
2015/16 2016/17 2017/18 2018/19 2019/20 2020/21 2021/22 2022/23 2023/24 2024/25 2025/26 2026/27 2027/28 2028/29 2029/30 2030/31 2031/32 2032/33 2033/34 2034/35 2035/36 2036/37 2037/38 2038/39 2039/40 2040/41 2041/42	\$62,172,800 63,530,667 63,533,334 64,221,128 64,220,148 64,217,756 64,217,325 64,218,510 64,218,290 64,218,167 64,219,742 64,220,550 64,217,606 64,217,606 64,217,606 64,219,093 64,221,133 57,394,560 57,390,691 45,644,850 45,642,750 45,642,750 45,642,750 36,835,000 36,835,000 36,833,100 36,550,750 30,731,750	\$1,741,581 5,833,163 7,722,413 7,712,413 12,642,413 8,743,588 19,563,763 19,563,763 19,563,763 19,563,763 19,716,725 18,193,975 16,298,725 19,633,725 20,023,725 3,266,550 3,274,700 9,930,600 9,983,150 10,905,250 10,909,500	\$1,741,581 5,830,500 5,830,500 10,420,500 6,520,500 17,345,500 17,345,500 17,345,500 17,345,500 17,345,500 17,345,500 17,525,500 17,493,250 15,972,750 14,077,000 17,412,000 17,804,500 1,792,000 7,712,000 7,761,000 8,682,750 8,687,750 8,688,750 	\$62,172,800 63,528,004 61,641,421 62,339,216 61,998,236 61,994,668 61,999,062 62,000,247 62,000,998 62,000,028 61,994,905 61,996,267 61,999,325 61,995,881 61,995,166 62,001,841 62,744,543 62,738,433 55,175,960 55,168,541 43,422,350 43,421,250 43,421,250 43,421,950 36,835,000 36,833,100 36,550,750 30,731,750	\$ 2,663 1,891,913 1,881,913 2,221,913 2,223,088 2,218,263 2,218,263 2,218,263 2,223,263 2,223,475 2,221,225 2,221,725 2,222,750 2,22
2042/43 2043/44 2044/45	30,977,850 30,979,750 13,350,750			30,977,850 30,979,750 13,350,750	  
Totals  (A) At this time, the	\$1,620,497,966 e District receives ap	\$295,445,256 proximately \$1,150,	<b>\$250,957,331</b> 000 for each 1-cent	\$1,576,010,041 of I&S tax effort.	\$44,487,925

#### Bonds to be Refunded

The following table summarizes the District's outstanding bonds to be refunded at a lower interest rate.

Summary of the Bonds to be Refunded					
Issue Outstanding	Principal Amount To Be Refunded	Maturities To Be Refunded	Interest Rate	Redemption Date	Redemption Price
Unlimited Tax Refunding Bonds, Series 2006	\$48,329,192	08/15/2018 – 2031	5.11%	08/15/2016	100.0%
Unlimited Tax School Building Bonds, Series 2007	8,405,000	08/15/2031 – 2035	4.50%	08/15/2017	100.0%
Unlimited Tax School Building Bonds, Series 2008	40,710,000	08/15/2034 – 2038	5.00%	08/15/2017	100.0%
Unlimited Tax Refunding Bonds, Series 2009	21,305,000	08/15/2017, 2020 – 2021, 2026 – 2028	5.06%	08/15/2019	100.0%
Totals	\$118,749,192		5.04%		

#### Use of a "Parameters Bond Order" for Approval of Refunding Bond Sale

As previously utilized for the sale of the District's prior refunding programs, the District's Board of Trustees may adopt a "Parameters Bond Order" to complete the sale of the Refunding Bonds. The following is a representative listing of parameters we recommend the District utilize for its refunding program.

- 1.) The District achieves savings of at least \$25,000,000;
- 2.) The maximum principal amount of Refunding Bonds that may be issued is \$118,749,192;
- 3.) The maximum interest rate (All-In TIC) on the Refunding Bonds is 4.00%;
- 4.) The final maturity of the Refunding Bonds may not exceed August 15, 2038 The same final maturity as the existing Bonds to be Refunded; and
- 5.) The Refunding Program must be completed prior to August 21, 2016.

Unless each parameter listed above is achieved, the Refunding Bonds would not be issued unless additional direction is received from the District's Board of Trustees.

# **Preliminary Timetable**

The preliminary timetable for the sale of the Refunding Bonds is listed below.

Preliminary Timetable – Refunding Bonds		
Date	Action Necessary	
February 23, 2016	Board Meeting – Discuss Refunding Program and Consider "Parameters Bond Order" authorizing issuance of Refunding Bonds.	
April 1, 2016	Completion of all actions necessary to complete the Refunding Program.	
TBD	Pricing – Sale of the Refunding Bonds within the specified parameters – Savings locked-in at this time.	
1-Business Day After Pricing	The District's Administration approves sale of Refunding Bonds.	
On or Prior to August 21, 2016	Closing – The Refunding Program is completed and the District begins paying the lower interest rate on the Refunding Bonds.	

## Closing

We hope this information is helpful as you manage the District's financial and debt position. Should any questions arise, additional material is preferred or we may be of any assistance, please let us know. We look forward to visiting with you soon and hope all is well!

Sincerely,

William J. Gumbert

Managing Director

Joshua M. McLaugh Managing Director