

Plan of Finance:

Unlimited Tax School Building Bonds, Series 2022

ESTRADA • HINOJOSA
INVESTMENT BANKERS



Capital
Markets

Dallas • Austin • Chicago • Houston • Los Angeles • Miami • New York • San Antonio



Fort Worth
INDEPENDENT SCHOOL DISTRICT

Firms

- Financial Advisors: *Estrada Hinojosa/RBC*
- Bond Counsel: *Paul Braden, Norton Rose Fulbright*
- Disclosure Counsel: *Nicole Collier, West & Associates, LLP*
- Underwriter Team: *Siebert, Williams, Shank & Co. LLC (Senior Manager)*
Jefferies (Co-Manager)
Stifel (Co-Manager)
UMB Bank, N.A. (Co-Manager)

Bond Order Parameters

- Allowed under Section 1371 of Texas Government Code
- Board delegates final pricing authority to Board selected Pricing Officer
- Board establishes and approves bond sale parameters
 - Maximum Principal Amount
 - Maximum Interest Rate
 - Final Maturity Date
 - Expiration of Delegated Authority
- Pricing Officers can only approve sale if Board parameters are met

Proposed Parameters included in Bond Order

- Delegated Pricing Officers: Superintendent or CFO
- Maximum Principal Amount: \$150,000,000
- Maximum True Interest Cost: 5.50%
- Final Maturity Date: 8/15/2052
- Expiration of Delegated Authority: 365 Days

Pricing Officers can only approve sale if Board parameters are met

SUMMARY OF PROPOSED FINANCINGS*

Assumptions

- Issue \$150 million in authorized but unissued debt
- Maintain \$0.292 I&S tax rate
- Fill in 2028 call date with a 6 year call

\$150mm New Money	
Pricing Date	08/16/2022
Delivery Date	09/06/2022
Project Fund	\$150,000,000
Par Amount	\$134,375,000
Term	25 Year
TIC	3.95%
Call	6/10 Year

Period Ending	Principal	Coupon	Interest	Debt Service
06/30/2023	7,000,000	5.000%	2,967,447.92	9,967,447.92
06/30/2024			6,368,750.00	6,368,750.00
06/30/2025			6,368,750.00	6,368,750.00
06/30/2026			6,368,750.00	6,368,750.00
06/30/2027			6,368,750.00	6,368,750.00
06/30/2028			6,368,750.00	6,368,750.00
06/30/2029	4,170,000	5.000%	6,368,750.00	10,538,750.00
06/30/2030	4,380,000	5.000%	6,160,250.00	10,540,250.00
06/30/2031	4,600,000	5.000%	5,941,250.00	10,541,250.00
06/30/2032	4,830,000	5.000%	5,711,250.00	10,541,250.00
06/30/2033	5,070,000	5.000%	5,469,750.00	10,539,750.00
06/30/2034	5,325,000	5.000%	5,216,250.00	10,541,250.00
06/30/2035	5,590,000	5.000%	4,950,000.00	10,540,000.00
06/30/2036	5,870,000	5.000%	4,670,500.00	10,540,500.00
06/30/2037	6,160,000	5.000%	4,377,000.00	10,537,000.00
06/30/2038	6,470,000	5.000%	4,069,000.00	10,539,000.00
06/30/2039	6,795,000	5.000%	3,745,500.00	10,540,500.00
06/30/2040	7,135,000	5.000%	3,405,750.00	10,540,750.00
06/30/2041	7,490,000	5.000%	3,049,000.00	10,539,000.00
06/30/2042	7,865,000	5.000%	2,674,500.00	10,539,500.00
06/30/2043	8,255,000	5.000%	2,281,250.00	10,536,250.00
06/30/2044	8,670,000	5.000%	1,868,500.00	10,538,500.00
06/30/2045	9,105,000	5.000%	1,435,000.00	10,540,000.00
06/30/2046	9,560,000	5.000%	979,750.00	10,539,750.00
06/30/2047	10,035,000	5.000%	501,750.00	10,536,750.00
	134,375,000		107,686,197.92	242,061,197.92

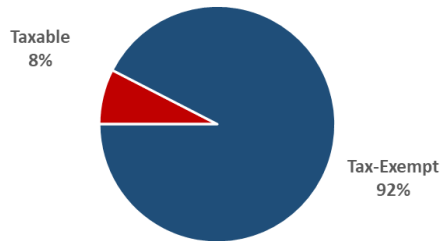
*Preliminary, for illustration purposes, subject to market rates at pricing

Outstanding Debt

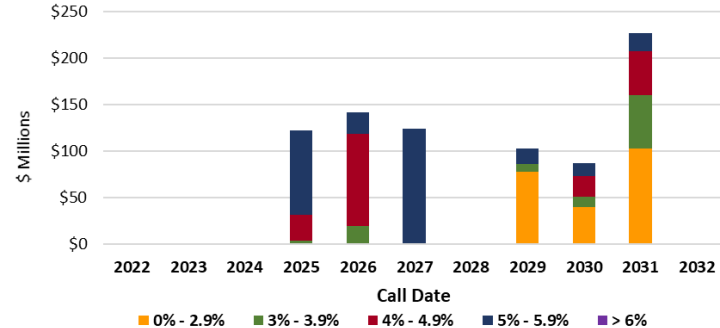
Outstanding Bonds							
Series	Series	Tax Status	Enhancement	Call Provisions	\$ Outstanding Par* for FY 2022	\$ Callable	% Callable
Unlimited Tax School Building Bonds, Series 2021A	2021A	Tax-Exempt	PSF	2/15/2031	243,980,000	169,220,000	69.4%
Unlimited Tax Refunding Bonds, Taxable Series 2021B	2021B	Taxable	PSF	2/15/2031	94,280,000	57,795,000	61.3%
Unlimited Tax Refunding Bonds, Series 2020	2020	Tax-Exempt	PSF	2/15/2030	117,760,000	86,730,000	73.6%
Unlimited Tax Refunding Bonds, Series 2019B	2019B	Tax-Exempt	non-PSF	non callable	41,965,000	-	-
Unlimited Tax School Building Bonds, Series 2019A	2019A	Tax-Exempt	PSF	2/15/2029	137,270,000	102,710,000	74.8%
Unlimited Tax School Building Bonds, Series 2018	2018	Tax-Exempt	PSF	2/15/2027	148,930,000	123,530,000	82.9%
Unlimited Tax Refunding & School Building Bonds, Series 2016	2016	Tax-Exempt	PSF	2/15/2026	229,600,000	141,830,000	61.8%
Unlimited Tax Refunding & School Building Bonds, Series 2015	2015	Tax-Exempt	PSF	2/15/2025	205,800,000	122,075,000	59.3%
Unlimited Tax School Building Bonds, Series 2014	2014	Tax-Exempt	PSF	non callable	12,070,000	-	-
Unlimited Tax Qualified School Construction Bonds, Series 2010 (Tax Credit Bond)	2010Q	Tax-Exempt	non-PSF	non callable	6,995,000	-	-
Unlimited Tax Qualified School Construction Bonds, Series 2009 (Tax Credit Bond)	2009Q	Tax-Exempt	PSF	non callable	11,850,000	-	-
TOTAL					\$ 1,250,500,000	\$ 803,890,000	64.29%

*Includes 2021 Principal and Sinking Fund payments made 8/15 and 12/15

Summary of Tax Status

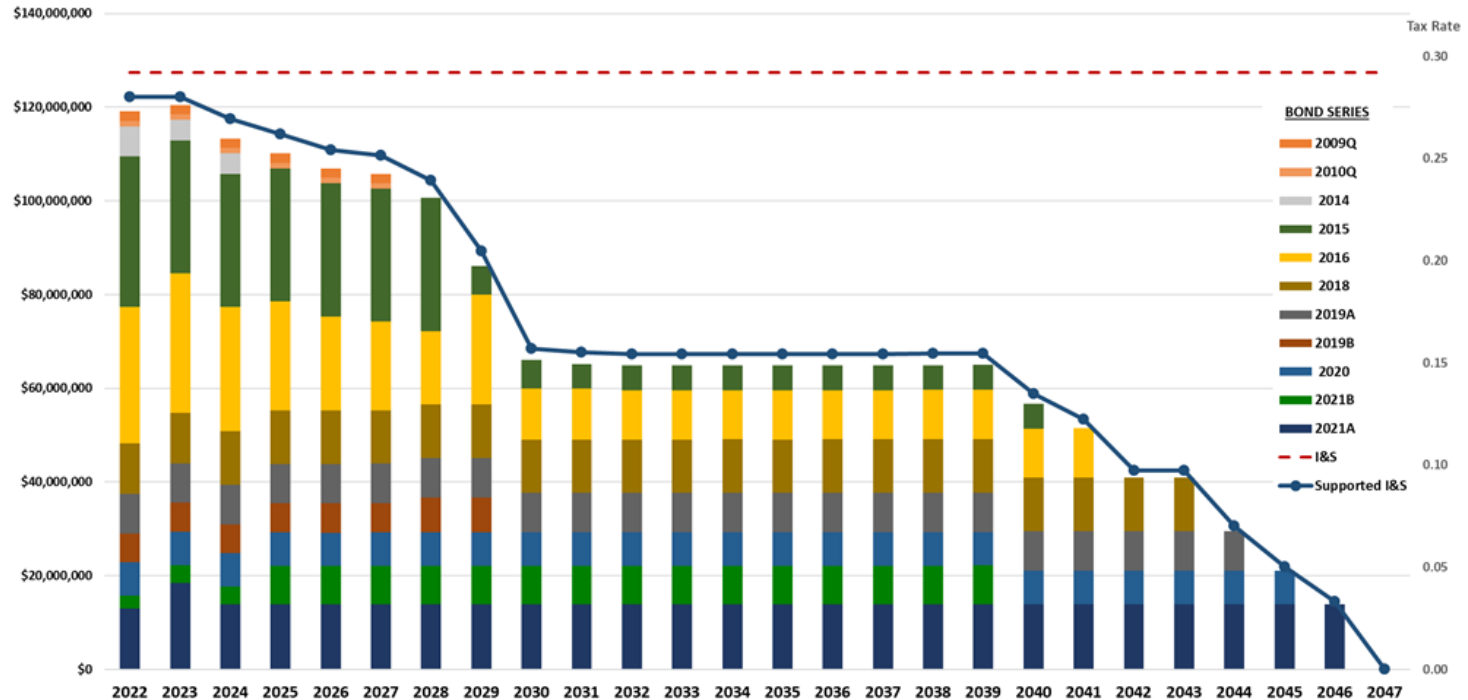


Callable Coupon Summary



Outstanding Debt with I&S Impact

Outstanding Debt by Series



Market Update

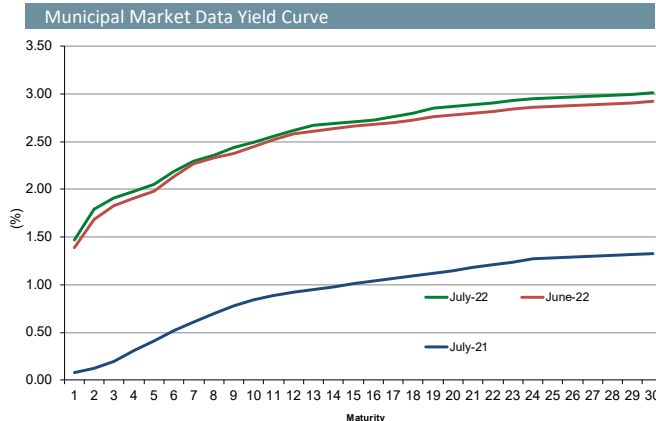
• Commentary for the week of July 11th

■ The municipal bond market rallied last week, AAA MMD yields were 10-17 basis points lower. A very light calendar last week led to slight spread compression, and municipal to U.S. Treasury ratios were pushed lower. Primary issuance will be significantly higher this week, providing investors with an array of credits to digest. Refinitiv Lipper reported an additional \$313 million of outflows from municipal bonds funds. As of last Friday, the 10-year and 30-year AAA MMD yields stood at 2.49% and 3.01%, respectively.

■ U.S. equities are selling off in anticipation of earnings season and inflation economic data set to release this week. Investors will be monitoring how companies are weathering inflation and price pressures. The flight to safe-haven assets has U.S. Treasury yields lower across the yield curve. Also, the 2YR and 10YR Treasuries remain inverted —which is associated as a lead indicator of a looming recession.

■ The primary calendar is estimated to be \$12.0 billion and is comprised of \$7.3 billion in negotiated deals and \$4.7 billion in competitive sales. Texas municipal issuance is estimated to be \$2.6 billion this week. The Texas primary calendar is comprised of \$2.4 billion in negotiated financings and \$200.1 million in competitive sales.

■ Estrada Hinojosa will participate in the following deals: A \$484.4 million Cities of Dallas and Fort Worth, Texas Dallas Fort Worth International Airport Joint Revenue Refunding Bonds, Series 2022B (Non-AMT) issue as Financial Advisor. A \$110.0 million Harris County, Texas Tax and Subordinate Lien Revenue Refunding Bonds, Series 2022A issue; a \$250.0 million Harris County, Texas Unlimited Tax Road Refunding Bonds, Series 2022A issue; and a \$95.0 million Harris County, Texas Permanent Improvement Refunding Bonds, Series 2022A issue, all as Senior Managing Underwriter. A \$322.4 million San Antonio Independent School District Unlimited Tax School Building Bonds, Series 2022 issue; a \$16.1 million City of Live Oak, Texas General Obligation Bonds, Series 2022 issue; and a \$142.2 million City of Phoenix Civic Improvement Corporation Subordinated Excise Tax Revenue Bonds, Series 2022 issue, all as Co-Managing Underwriter.



Year	Maturity	MMD (%) 7/8/2022	Change Over Week	Change Over Month	Change Over Year
1	2023	1.47	-0.13	+0.08	+1.39
2	2024	1.79	-0.14	+0.10	+1.67
3	2025	1.91	-0.14	+0.08	+1.71
4	2026	1.98	-0.14	+0.07	+1.67
5	2027	2.05	-0.13	+0.07	+1.64
6	2028	2.19	-0.13	+0.06	+1.67
7	2029	2.30	-0.13	+0.03	+1.69
8	2030	2.36	-0.17	+0.03	+1.66
9	2031	2.44	-0.17	+0.06	+1.66
10	2032	2.49	-0.17	+0.04	+1.65
11	2033	2.56	-0.15	+0.04	+1.67
12	2034	2.62	-0.15	+0.04	+1.70
13	2035	2.67	-0.13	+0.06	+1.72
14	2036	2.69	-0.13	+0.05	+1.71
15	2037	2.71	-0.13	+0.05	+1.70
16	2038	2.73	-0.13	+0.05	+1.69
17	2039	2.76	-0.13	+0.06	+1.69
18	2040	2.80	-0.13	+0.07	+1.71
19	2041	2.85	-0.11	+0.09	+1.73
20	2042	2.87	-0.10	+0.09	+1.72
21	2043	2.89	-0.10	+0.09	+1.71
22	2044	2.91	-0.10	+0.09	+1.70
23	2045	2.93	-0.10	+0.09	+1.69
24	2046	2.95	-0.10	+0.09	+1.68
25	2047	2.96	-0.10	+0.09	+1.68
26	2048	2.97	-0.10	+0.09	+1.68
27	2049	2.98	-0.10	+0.09	+1.68
28	2050	2.99	-0.10	+0.09	+1.68
29	2051	3.00	-0.10	+0.09	+1.68
30	2052	3.01	-0.10	+0.09	+1.68

Market Supply

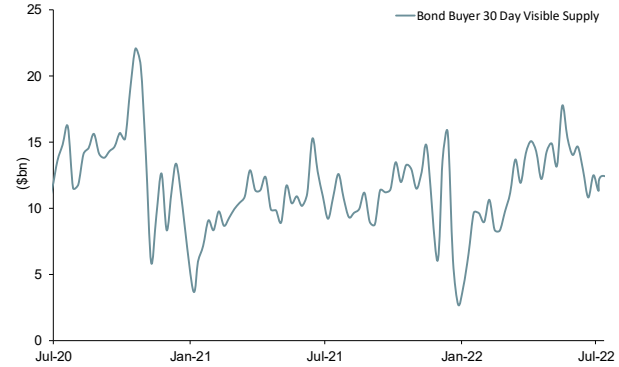
Calendar Week of July 11th

Issue Description	Par Amount (\$000)	Ratings*			
		Moody's	S&P	Fitch	Insurance
Cities of Dallas and Fort Worth, TX - Dallas Fort Worth Intl Airport Joint Rev Ref Bds, Ser. 2022B (Non-AMT)	\$ 484,480	A1	A+	A+	-
Harris County, TX - Tax & Sub Lien Rev Ref Bds, Ser. 2022A; U/L Tax Road Ref Bds, Ser. 2022A and Perm Imp Ref Bds, Ser. 2022A	\$ 455,000	Aaa	NR	AAA	-
San Antonio Independent School District, TX - U/L Tax Sch Bldg Bds, Ser. 2022	\$ 322,450	Aaa	NR	AAA	PSF
Klein Independent School District, TX - U/L Tax Sch Bldg Bds, Ser. 2022	\$ 145,340	Aaa	AAA	NR	PSF
Trinity River Auth, TX - Regional Wastewater Sys Rev Bds, Ser. 2022	\$ 133,455	NR	AAA	AAA	-
City of College Station, TX - C/O's, Ser. 2022	\$ 76,110	Aa1	AA+	NR	-
Alvarado Independent School District, TX - U/L Tax Sch Bldg Bds, Ser. 2022	\$ 70,000	Aaa	NR	NR	PSF
City of Celina, TX - Tax & WW & SS (Limited Pledge) Rev C/O, Ser. 2022	\$ 66,010	Aa3	AA	NR	-
Celina Independent School District, TX - U/L Tax Sch Bldg Bds, Ser. 2022	\$ 65,000	Aaa	AAA	NR	PSF
Bullard Independent School District, TX - U/L Tax Sch Bldg Bds, Ser. 2022	\$ 63,000	Aaa	NR	NR	PSF
Texas Top 10 Total Negotiated Supply	<u>\$ 1,880,845</u>				
Texas Total Negotiated Weekly Supply	<u>\$ 2,413,840</u>				

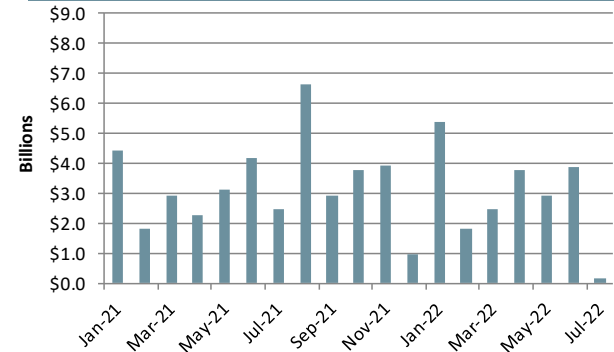
Total Texas	2022	2021	2020
Negotiated Issuance YTD (000s)	\$ 20,059,196	\$ 19,989,124	\$ 23,485,227

*Rating reflects underlying or insured rating, as appropriate
 **Source: The Bond Buyer
 ***Source: Bloomberg

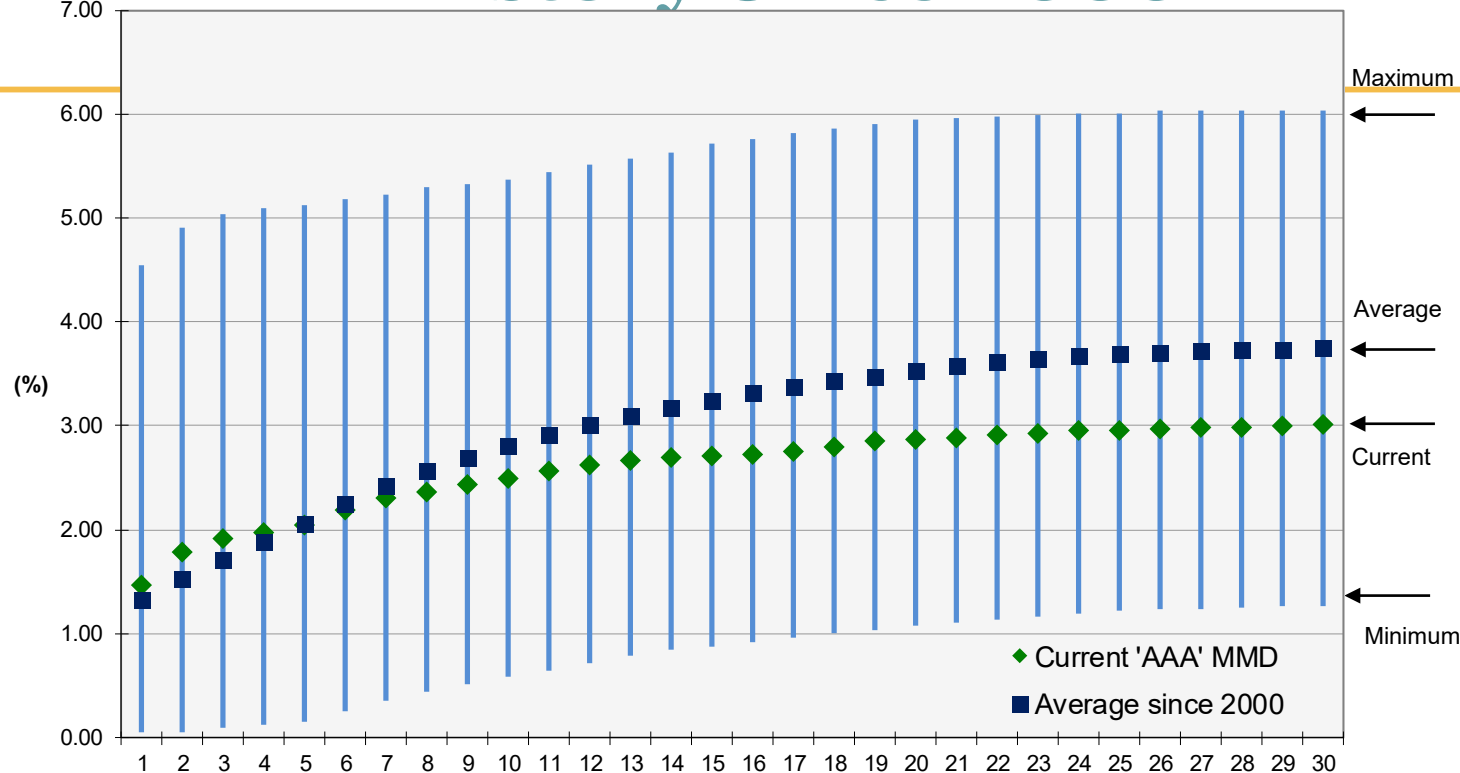
Bond Buyer 30-Day Visible Supply**



Texas Monthly Negotiated Issuance ***



'AAA' MMD History Since 2000



Maturity	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
% of time above current MMD	37%	34%	36%	40%	43%	44%	46%	50%	53%	55%	56%	57%	58%	61%	63%	65%	66%	66%	66%	67%	68%	69%	69%	69%	70%	70%	70%	70%	70%	

As of 7/8/2022

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Timetable



Fort Worth
INDEPENDENT SCHOOL DISTRICT

**FORT WORTH INDEPENDENT SCHOOL DISTRICT
UNLIMITED TAX SCHOOL BUILDING BONDS, SERIES 2022
2022 CASH DEFEASANCE**

Timetable of Events*

June							July							August							September						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
			1	2	3	4	3	4	5	6	7	8	9	7	8	9	10	11	12	13	4	5	6	7	8	9	10
5	6	7	8	9	10	11	10	11	12	13	14	15	16	14	15	16	17	18	19	20	11	12	13	14	15	16	17
12	13	14	15	16	17	18	17	18	19	20	21	22	23	21	22	23	24	25	26	27	18	19	20	21	22	23	24
19	20	21	22	23	24	25	24/31	25	26	27	28	29	30	28	29	30	31				25	26	27	28	29	30	
26	27	28	29	30																							

June 14, 2022	(Tuesday)	Board workshop to present summary plan of finance Distribute 1st draft of the POS to Internal Group (District, BC, FA)
June 15, 2022	(Wednesday)	Launch Investor Relations website (Press Release on Bondlink site)
June 22, 2022	(Wednesday)	Receive comments on the 1st draft of POS.
June 27, 2022	(Monday)	Distribute 2nd draft of the POS to Internal Group (District, BC, FA)
June 30, 2022	(Thursday)	Apply for PSF Guarantee on the Bonds.
July 6, 2022	(Wednesday)	Receive comments on the 2nd draft of POS.
July 11, 2022	(Monday)	Distribute 3rd draft of the POS to Working Group
Week of July 18th		Rating conference call.
July 18, 2022	(Monday)	Receive comments on the 3rd draft of POS.
Week of July 25th		Due diligence call.
July 26, 2022	(Tuesday)	Regular Board Meeting to Approve Bond Order
July 29, 2022	(Friday)	Distribute POS for final signoff
August 5, 2022	(Friday)	Post POS
August 16, 2022	(Tuesday)	Price Bonds / Defeasance Bonds
August 19, 2022	(Friday)	Bond Counsel sends legal documents to the Attorney General's Office.
September 6, 2022	(Tuesday)	Closing

*Preliminary, subject to change.

(As of 5/31/2022)

Action to be Considered

Approve an Order Authorizing the Issuance of “Fort Worth Independent School District Unlimited Tax School Building Bonds, Series 2022”; Levying a Continuing Direct Annual Ad Valorem Tax for the Payment of such Bonds; and Resolving Other Matters Incident and Related Thereto; Including Delegating Certain Matters Relating to the Sale and Issuance of the Bonds to Authorized District Officials within Specified Parameters



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