

Community Bond Committee

May 6, 2021



LEWISVILLE INDEPENDENT SCHOOL DISTRICT



Community Bond Committee Agenda

May 6, 2021

- Welcome! – Mark Youngs
- Website – <https://www.lisd.net/bonds>
- Discussion Items:
 - **Bond Projects**
 - **Construction** – Randy Fite and Jason Hughes
 - **Technology** – Bryon Kolbeck
 - **Safety and Security** – Matthew Garrett
 - **Bond Market Update** – Mark Youngs
 - **QUESTIONS?**
- Future Meetings: Dates to be determined for 2021-22 school year



LEWISVILLE INDEPENDENT SCHOOL DISTRICT

Bond Construction Update

May 6, 2021

2017 Bond Status



2017 Bond Year 1

1. TECC-West
2. Purnell Demo (Mill Street Phase 2) – In progress
3. Mill Street ES
4. Polser ES 20-Year Refresh
5. Creekside ES 20-Year Refresh
6. Restroom Renovations at 8 Campuses
7. District Wide Access Control Upgrades
8. Wall Finishes at 3 Campuses
9. Exterior Lighting Replacements – Phase 1
10. The Colony HS Softball Field and Athletics Renovations
11. Valley Ridge ES Playground Replacement
12. Stage Curtain and Lighting Replacements
13. Marcus HS Limited Refresh
14. Marcus HS Track and Turf Replacement
15. Donald and Polser ES STEM Academies

In Progress
Closed Out

2017 Bond Year 2

In Progress

Closed Out

1. Memorial ES and STEM Academy
2. Hebron HS Multi-Purpose/IAC/Practice Fields – Substantially Complete
3. LISDOLA Renovations – Substantially Complete
4. Fiber Installation at 4 Locations – Substantially Complete
5. College Street Renovations – Substantially Complete
6. Hedrick MS – Substantially Complete
7. MS Fine Arts Additions/Renovations (ACMS, BMS, DMS) – Substantially Complete
8. Central ES 20-Year Refresh – Substantially Complete
9. Degan ES 20-Year Refresh – Substantially Complete
10. Parkway ES 20-Year Refresh – Substantially Complete
11. Timber Creek ES 20-Year Refresh – Substantially Complete
12. The Colony HS Entry and Limited Refresh – Substantially Complete
13. Valley Ridge ES 20-Year Refresh and STEM Academy – Substantially Complete
14. Exterior Lighting Replacements – Phase 2
15. Security Vestibule Upgrades at All Facilities
16. Ethridge ES Re-Roof
17. Vickery ES 10 Classroom Addition
18. Forest Vista ES Playground Replacement
19. Lakeview MS Flooring
20. Campus Support Renovations – On Hold

2017 Bond Year 3

1. MS Fine Arts Additions/Renovations (Huffines and DeLay)
2. Flower Mound HS 20-Year Refresh – Phase 1
3. Hebron HS 20-Year Refresh – Phase 1
4. The Colony HS Fine Arts Renovation and Black Box Theater
5. Forest Vista ES 20-Year Refresh
6. Prairie Trail ES 20-Year Refresh
7. Bridlewood ES 20-Year Refresh and STEM Academy
8. Lewisville HS Athletics Renovations – Phase 1 Complete
9. Distribution Center Renovations
10. Bridlewood ES Playground Replacement
11. Heritage ES Fire Alarm Replacement
12. Track Replacements at Huffines and McKamy MS
13. Flooring Replacements at 4 Campuses
14. Garden Ridge ES Restroom Renovations
15. Chester Boyd Ag Barn Expansion

In Progress
Closed Out

2017 Bond Year 4

1. MS Fine Arts Additions/Renovations at Creek Valley, Durham, and Lamar
2. MS Track Replacements at Creek Valley, Durham and Lakeview
3. Flower Mound HS Fine Arts Addition/Renovation
4. Hebron HS Fine Arts Addition/Renovation
5. Lewisville HS Fine Arts Addition/Renovation
6. Wellington ES 20-Year Refresh and Playground Replacement
7. Dale Jackson Renovation – [In Construction](#)
8. High School Turf Replacements at FMHS, HHS, and TCHS
9. Heritage ES Re-Roof
10. Homestead ES 20-Year Refresh
11. Homestead ES Playground Replacement
12. Lakeview MS Electrical Upgrades
13. Flooring Replacements at Lamar MS, Rockbrook ES, Shadow Ridge MS, and Vickery ES
14. Southridge ES 20-Year Refresh
15. The Colony HS Football Press Box and Fiber

Remaining Projects

1. Bluebonnet ES 20-Year Refresh
2. TECC-East Addition
3. Flooring Replacements at Coyote Ridge ES and LHS Killough
4. Lakeview MS Fire Alarm Replacement
5. Electrical Upgrades at Lamar MS and Stewarts Creek ES
6. Marcus HS Fine Arts Addition/Renovation
7. Playground Replacement at McAuliffe ES
8. The Colony HS Multi-Purpose Facility

Progress Photos



Purnell Demo





Memorial Elementary School





Huckabee

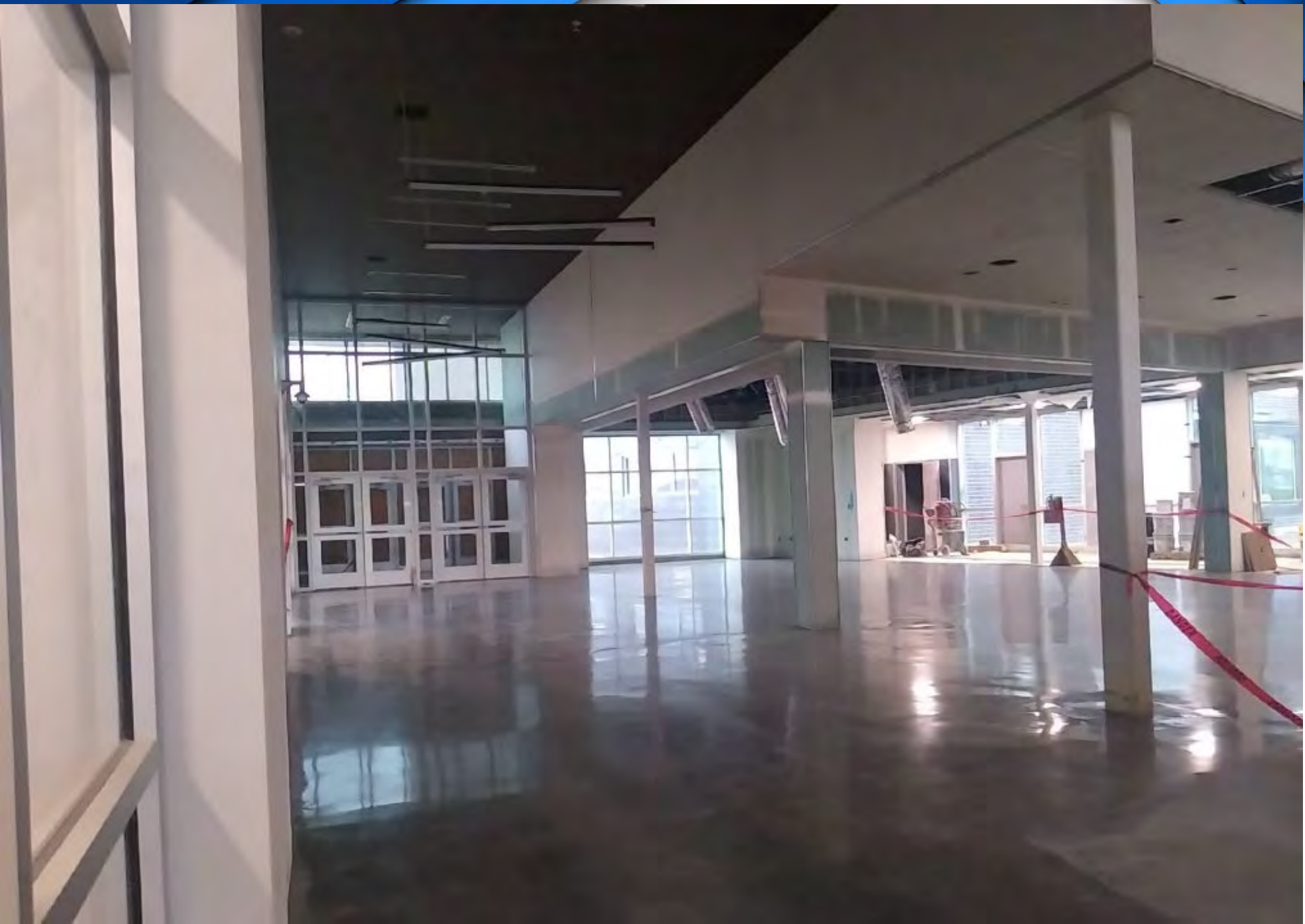
NEW JOSEY ELEMENTARY SCHOOL | LEWISVILLE INDEPENDENT SCHOOL DISTRICT

CORRE: HOUJO-HOWARD TX#22107
NOT FOR REGULATORY APPROVAL, PERMITTING, OR CONSTRUCTION.

EXTERIOR VIEW - MAIN ENTRY 3.0

03



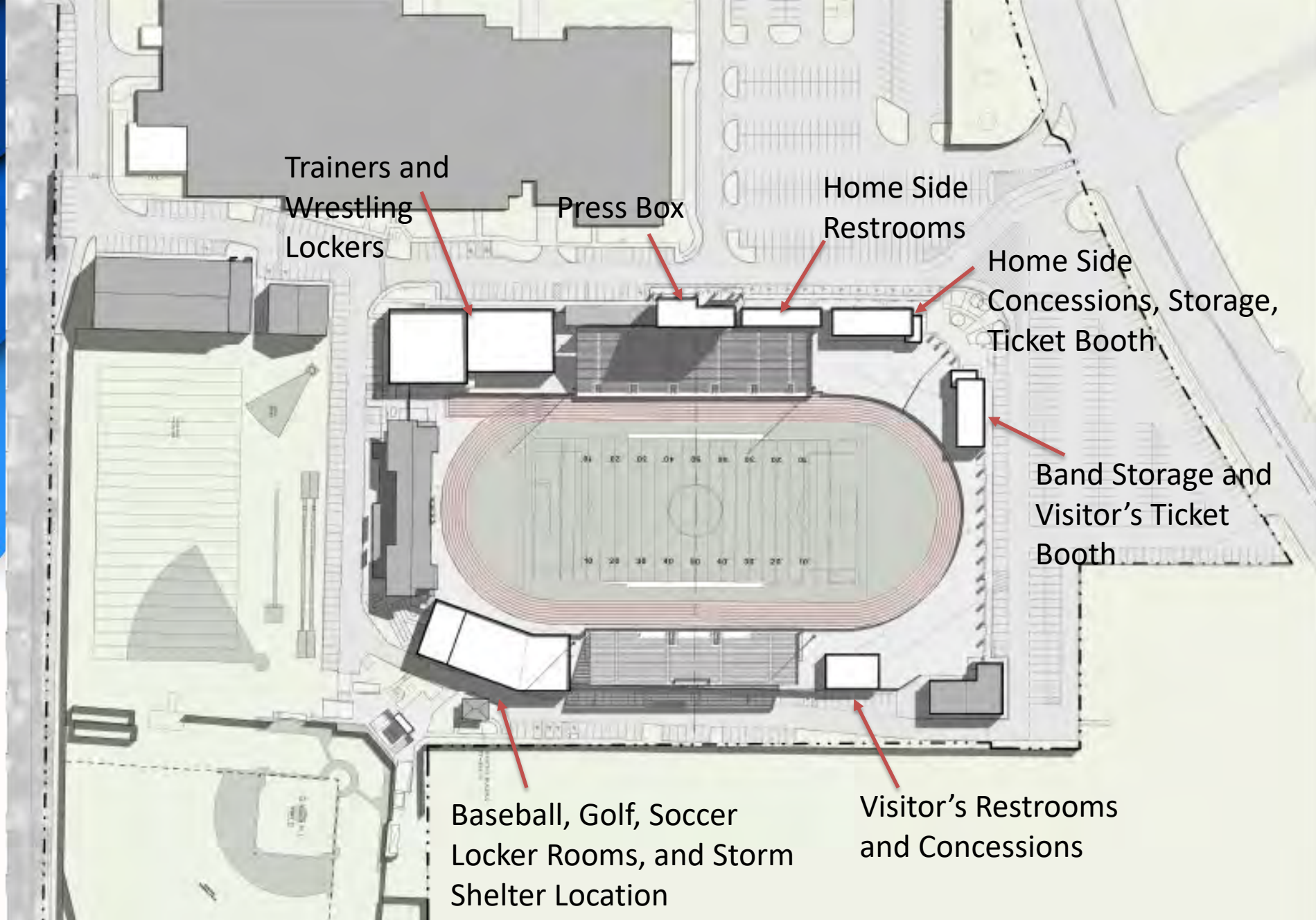






Lewisville HS Athletics

















Hebron HS Multi-Purpose and IAC













LISDOLA











CAUTION
CONCRETE
WASHOUT

The Colony High School Black Box Theater







Future Bond Planning



Based on the Facilities Assessment Study

- Continue ES, MS, and HS 20-Year Refreshes
- Building Life Cycle Components
- Parking Lots and Sidewalks
- Possible Playgrounds and Shade Structures
- Athletics Life Cycle Components
- Misc. Remodels

Questions?





LEWISVILLE INDEPENDENT SCHOOL DISTRICT

May 06, 2021



Technology Project Update

Technology Projects Update

- Ordered most Year 3 and 4 Program Specific computers
- Tested and implementing Virtual Desktop Infrastructure for CTE students
- Maximizing use of technology (Ex. Individually-assigned devices, quarantine, weather ready, Summer Learning programs)
- Still piloting hotspots on Buses
- Completed procurements and ordering Memorial ES Datacenter hardware/services
- Data Protection solution in service (provides ransomware protection)
- Piloting approx. 30 rooms with A/V technology to support remote learning
- Planning remaining needs and future tech needs beyond 2017 Bond

Technology Projects Upcoming

- Order remaining and deploy Year 3 and 4 Program Specific computers
- Summer Technology Access for Summer Learning Programming
- Complete Hybrid Technology pilot in classrooms and determine next steps
- WAN Fiber Ring hardware implementation will take place after E-rate funding is approved. Hardware cannot be ordered until then.
- Memorial Data Center implementation this fall
- Complete Campus A/V Refresh project this summer and fall
- Replace original 22 campuses with Cisco phones
- Technology Advisory Committee (TAC) meeting scheduled for June

Future Technology Needs

Instructional Learning

- 1:1 Program for 4-12 Grade Students and Staff
- Remaining devices in PK-3, labs, CTE, and shared devices
- Remaining classroom items such as zone printers, doc cameras, Apple TVs, and other peripherals

Infrastructure

- LISDAC/Memorial Data Center Equipment Replacement and Wide Area Network Switches
- Campus Audio/Visual Upgrades and Hybrid Classroom Technology
- Phone system upgrades and paging upgrades
- Distribution network/infrastructure (LAN/WLAN)
- Expand connectivity (Ex. continue fiber optic ring build and technology to close digital divided like pLTE)

Questions?



2017 SAFETY AND SECURITY BOND PROJECTS

Total Amount: \$28,800,000

LIFE CYCLE SAFETY & SECURITY ITEMS

- Paging and Notification System
- Door Access Systems
- Phone Systems
- Fire Alarm Panels
- External LED Lighting
- \$11,100,000
- **Project is substantially complete.**

EXPANSION OF DISTRICT WIDE SECURITY CAMERAS

- Add over 1200 interior & 650 exterior cameras
- Replace 982 older model cameras
- Add network infrastructure and storage
- \$3,300,000
- **Project is substantially complete.**

RE-DESIGN CAMPUS ENTRANCES AND INSTALL BALLISTIC PROTECTION

- Office/ Front entry redesign
- Builds upon previous projects
- \$13,737,998
- Project is complete.

COMMUNICATION AND NETWORK ACCESS COMPLETION

- Fiber Connections at:
 - LISDOLA
 - Eastside Aquatic
 - Dixon Sports
 - TCHS, FMHS and HHS Pressbox
- \$693,000
- Project is complete.

POSSIBLE SAFETY AND
SECURITY PROJECTS IN
FUTURE

FUTURE PROJECTS?

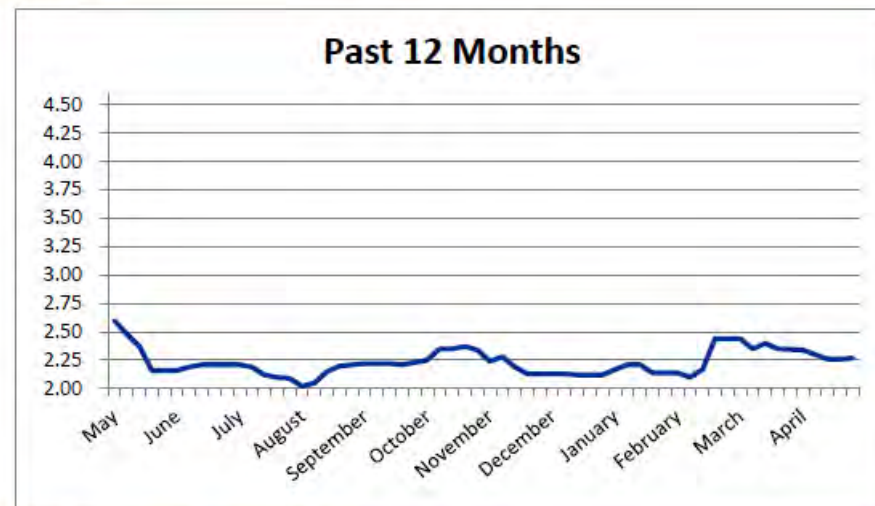
- *Non-Refresh* Emergency Generators
- *Non-Refresh* Emergency Responder Radio Systems
- Classroom and Secondary Door Hardening
- Security Camera and Storage Refresh
- Lightning Detection
- Fire Alarm Upgrades
- Exterior Lighting Enhancements

QUESTIONS?

BOND MARKET UPDATE - MAY 2021

BOND BUYER'S INDEX

(as detailed on reverse side)



REPRESENTATION OF RECENT TEXAS BOND SALES

(as reported to the Municipal Advisory Council of Texas)

Issuer	Issue Size (000's)	Sale Date	Bank Qualified?	S&P Rating	Credit Enhanced?	Call Date	Yield to Maturity for Bonds Maturing in:				
							2026	2031	2036	2041	2046
City of Dayton	\$ 8,930	4/5/2021	Yes	AA-	No	2/1/2030	0.700%	1.300%	1.650%	1.936%	n/a
City of Sanger	\$ 20,000	4/19/2021	No	AA	No	5/1/2031	0.560%	1.260%	2.115%	2.366%	2.527%
City of Mount Pleasant	\$ 55,560	4/20/2021	No	AA	AGM	5/15/2031	0.620%	1.240%	1.986%	2.186%	2.343%
Bastrop County	\$ 8,945	4/26/2021	Yes	AA+	No	8/1/2031	0.600%	1.100%	1.465%	1.834%	n/a
West Rusk Co. CISD	\$ 11,915	4/14/2021	No	AAA	PSF	2/15/2031	0.500%	1.110%	1.848%	2.020%	n/a
Troy ISD	\$ 7,265	4/22/2021	Yes	AAA	PSF	8/1/2030	0.650%	1.308%	1.891%	n/a	n/a
Lamar CISD	\$ 225,425	4/27/2021	No	AAA	PSF	2/15/2031	0.430%	1.060%	1.883%	2.227%	2.414%

compliments of

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Bond Market Update

- ▶ Current 10-year Treasury rate = 1.6%
 - ▶ Up more than 50% in the last six months
- ▶ Projected school district debt rate is 4%.
- ▶ Property value increase for coming school year is estimated by appraiser at 9%.
 - ▶ This 9% increase includes \$1 Billion of new property values added to the rolls in the last year.
 - ▶ 8% growth for 2 years would allow \$400 Million of new debt with no increase to the tax rate.



Questions?

