



# Agenda

1. Welcome & Introductions – Rashid Khokhar & Steve Bassett
2. 2018 & 2023 Updates – Carolina Fuzetti
3. Transportation – Mike Jones
4. Technology – Long Pham
5. Communications – Kimberly Smith
6. Safety & Security – Chief David Rider
7. Debt and Finance Update – Bryan Guinn
8. TRE Update – Steve Bassett & Bryan Guinn
9. Questions/Comments/Calendar – Steve Bassett

# 2018 Bond Program Financials

## 2018 Bond Overall Package Status

<b>Pre-Design</b>	<b>Design</b>	<b>Procurement</b>
0	5	2
<b>Construction</b>	<b>Close Out</b>	<b>Complete</b>
13	28	15

Bid Package Name	Status
PKG001 Yousafzai Elementary School- E551	Complete
PKG002.1 District Wide MDF/IDF Upgrades Pkg 1	Complete
PKG002.2 District Wide MDF/IDF Upgrades Pkg 2	Close-out
PKG003 Hall Stadium	Complete
PKG004 Meadows Elementary Rebuild	Close-out
PKG005 Madden Elementary Classroom Addition	Close-out
PKG006 Lakeview Elementary Rebuild	Close-out
PKG007 Neill Elementary Classroom Addition	Complete
PKG008 Elementary School 52 Tollway	Design
PKG009 Bhuchar Elementary School-	Construction

Bond 2018 Program has been packaged to be delivered based on product line. Bid Package Budgets are utilized as the baseline for this delivery method. This requires packaging, procuring, contracting and executing the work based on trade work rather than location; therefore the budgets per location may fluctuate periodically as the work is executed through multiple packages concurrently or sequentially.

### Definitions

**Commitments:** Sum of all purchase orders/contracts through the report period.  
**Spent to Date:** Sum of all invoices entered through the report period.



**\$994.0M**

Budget

Search by School Name



Schedules →

Data Date: August 10, 2023

SCHOOL	Budget	Commitments	Spent To Date	% Spent
ADMINISTRATION BUILDING	\$2,114,339	\$2,032,372	\$2,012,139	95.17%
ADMINISTRATIVE ANNEX	\$890,797	\$866,809	\$865,498	97.16%
AQUATIC PRACTICE FACILITY-NATATORIUM II	\$655,235	\$634,328	\$615,981	94.01%
ARMSTRONG ELEMENTARY SCHOOL	\$442,984	\$413,593	\$386,130	87.17%
AUSTIN HIGH SCHOOL	\$24,526,088	\$22,387,661	\$19,417,254	79.17%
AUSTIN PARKWAY ELEMENTARY SCHOOL	\$3,709,602	\$3,458,093	\$2,784,648	75.07%
BAINES MIDDLE SCHOOL	\$2,157,503	\$2,134,657	\$2,130,684	98.76%
BARRINGTON PLACE ELEMENTARY SCHOOL	\$9,869,576	\$8,639,370	\$4,638,193	46.99%
BHUCHAR ELEMENTARY SCHOOL-ES53	\$40,751,823	\$40,047,994	\$38,698,460	94.96%
BLUE RIDGE ELEMENTARY SCHOOL	\$6,935,122	\$6,573,600	\$6,531,478	94.18%
BOWIE MIDDLE SCHOOL	\$1,310,459	\$1,295,547	\$1,288,655	98.34%
BRAZOS BEND ELEMENTARY SCHOOL	\$3,388,983	\$3,257,347	\$3,066,161	90.47%
BRIARGATE ELEMENTARY SCHOOL	\$5,655,142	\$5,322,471	\$5,310,462	93.91%
BURTON ELEMENTARY SCHOOL	\$1,497,088	\$1,352,985	\$1,329,293	88.79%
BUSH HIGH SCHOOL	\$8,002,882	\$8,018,700	\$8,772,220	87.15%
<b>Total</b>	<b>\$993,972,590</b>	<b>\$930,558,338</b>	<b>\$880,532,286</b>	<b>88.59%</b>



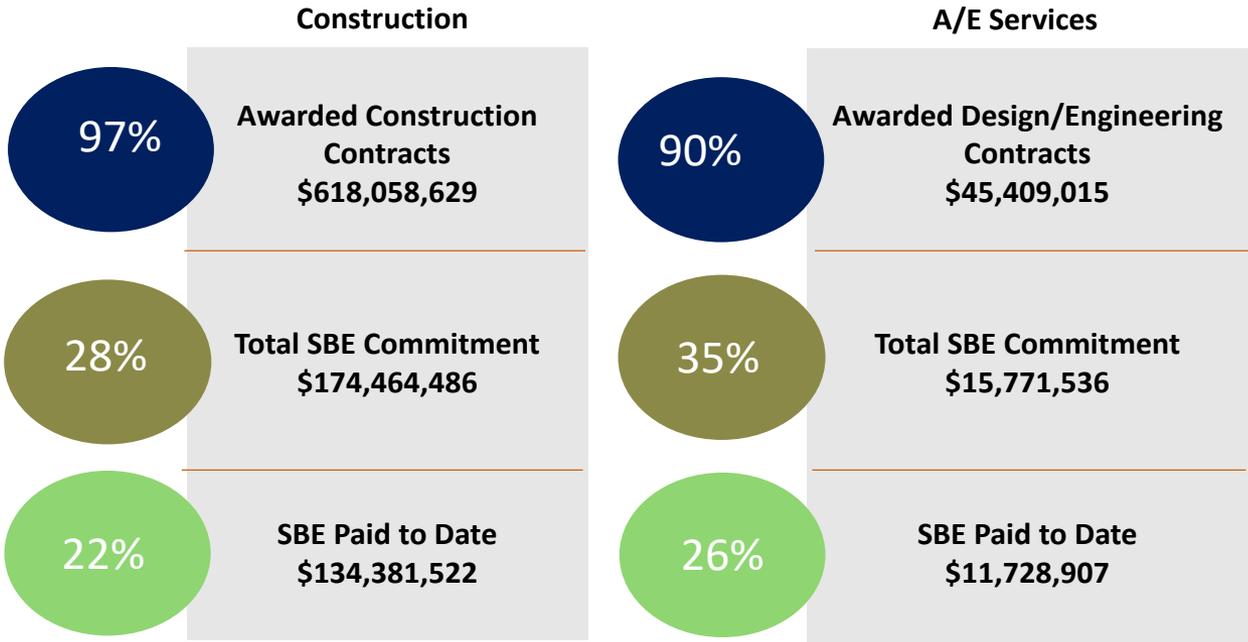
Commitments  
\$930.6

Spent to Date  
\$880.532



# Small Business Initiative

## 2018 Bond Program



# Program Summary – As of August 10, 2023

## 2018 BOND PROGRAM SUMMARY

Current Budget	\$994M
Committed + Bond Support	\$936M
<b>Uncommitted</b>	<b>\$58M</b>

## Breakdown of Uncommitted

<b>Anticipated Commitment</b>	<b>\$47M</b>
<b>Available / Unallocated</b>	<b>\$11M</b>

# Program Summary – As of August 10, 2023

## Breakdown of Uncommitted

District Wide Funds	\$25.7M	Anticipated Commitments	Target Date for POs Issued	Available Funds
Program Contingency	\$589K	\$ -		\$589K
Miscellaneous projects	\$802K	\$802K	December 2023	\$ -
Technology (include PKG002.1, 002.2 IDF/MDF)	\$15.7M	\$15.7M	August 2024	\$ -
Transportation	\$2.5M	\$2.5M	December 2023	\$ -
Safety & Security	\$4.5M	\$4.5M	December 2023	\$ -
Portables 22/23	\$329K	\$329K	December 2023	\$ -
Portables 23/24	\$970K	\$970K	August 2024	\$ -
Generator Refurbishment	\$200K	\$200K	December 2023	\$ -

Recently-Approved Projects	\$6.9M			
PKG052 LED Lighting Project	\$2.5M	\$2.0M	December 2023	\$500K
PKG053 Progressive HS Parking Lot Replacement	\$217K	\$217K	December 2023	\$ -
PKG056 Security Fencing	\$1.6M	\$1.6M	December 2023	\$ -
PKG057 Barrington Place ES Interior Renovation	\$847K	\$847K	August 2024	\$ -
PKG059 First Colony MS Piping Replacement	\$622K	\$622K	December 2023	\$ -
PKG060 Lake Olympia MS Pneumatic Controls Upgrade	\$768K	\$768K	August 2024	\$ -
PKG061 Triplex Emergency Operations Center HVAC	\$290K	\$40K	August 2024	\$250K

# Program Summary – As of August 10, 2023

Breakdown of Uncommitted, cont.

Ongoing New Construction	\$5.8M	Anticipated Commitments	Target Date for POs Issued	Available Funds
PKG050 Crawford High School-HS12	\$3.8M	\$3.8M	December 2023	
PKG009 Bhuchar Elementary School-ES53	\$663K	\$663K	December 2023	\$ -
PKG054 Ferguson Elementary School-ES54	\$1.3M	\$1.0M	December 2023	\$0.3M
<b>Nearing Completion Projects</b>				
	<b>\$19.6M</b>			
PKG021 Turf and Athletics	\$610K	\$610K	December 2023	\$ -
PKG019 Exterior Envelope	\$1.8M	\$1.8M	December 2023	\$ -
Other PKGs	\$17.2M	\$7.8M	December 2023	\$9.4M
		<b>\$47M</b>		<b>\$11M</b>



# Professional Service Contracts

## Phase I

- Building Envelope Commissioning
- Building Commissioning (HVAC, Electrical, Plumbing, Life Safety)
- Geotech/Construction Material Testing
- Forensic Engineer
- Land Surveyor
- Traffic Engineer

- 23 Contracts (Draft)
- Awaiting BOT approval on 08/21

## Phase II

- Hazardous Materials Surveyor
- Registered Accessibility Specialist
- Kitchen Design Consultant
- Testing Adjusting & Balancing Consultant
- LEED/ Sustainability Consultant
- Acoustical Consultant
- Archeological Surveyor
- Environmental Site Assessment Consultant

- 15 vendors pre-qualified
- Target BOT approval in September

# Professional Service Contracts

## Phase III

- Civil Engineer
- Structural Engineer
- MEP Engineer
- Landscape Architect

- Currently in evaluation
- Target BOT approval in October

# Mission Bend Elementary School Rebuild

- De-commissioning ongoing
- Abatement complete
- Demolition expected to begin in October
- Target opening date fall 2025



# Briargate Elementary School Rebuild

- De-commissioning nearing completion
- Abatement ongoing
- Demolition expected to begin in late October
- Target opening date fall 2025



# 2023 Bond Community Dashboard

Reset View Updated: August 8, 2023

Cost

Schedule

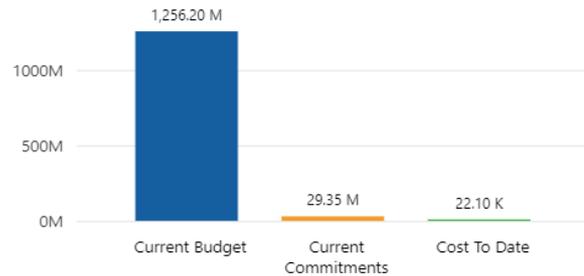
Map



## 2023 Bond Overall Package Status

Design	1
Pending BOT Approval (TBD)	56
<b>Total</b>	<b>57</b>

## Cost Summary



29M

Total Commitments

Reset ?

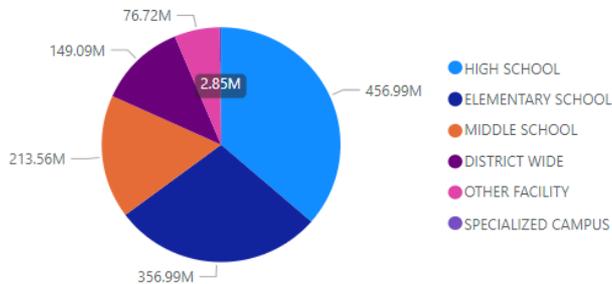
School

All

Bid Packages

All

## Budget by Category



SCHOOL	Budget	Commitments	Spent To Date	% Spent
ADMINISTRATION BUILDING	3,526,444.00			
AQUATIC PRACTICE FACILITY-NATATORIUM II	898,301.00			
ARMSTRONG ELEMENTARY SCHOOL	1,894,106.00			
AUSTIN HIGH SCHOOL	19,666,033.00			
AUSTIN PARKWAY ELEMENTARY SCHOOL	4,949,871.00			
BAINES MIDDLE SCHOOL	2,511,150.00			
BARRINGTON PLACE ELEMENTARY SCHOOL	10,908,394.00			
BLUE RIDGE ELEMENTARY SCHOOL	2,606,485.00			
BOWIE MIDDLE SCHOOL	5,005,100.00			
BRAZOS BEND ELEMENTARY SCHOOL	2,935,666.00			
BRIARGATE ELEMENTARY SCHOOL	48,263,993.00	1,165,400.00	20,500.00	0.00
BURTON ELEMENTARY SCHOOL	3,633,338.00			
BURTON ELEMENTARY SCHOOL	3,633,338.00			
<b>Total</b>	<b>1,256,200,000.00</b>	<b>29,344,603.61</b>	<b>22,100.00</b>	<b>0.00</b>



# 2023 Bond Community Dashboard

Reset View Updated: August 8, 2023

Cost

Schedule

Map



This tab is best viewed using Safari, Chrome, and Firefox.

School  
 Austin High School  
 Reset Switch to PKG View

Campus Summary Design Procurement Construction Closeout

Collapse All 2023 Jan 2024 Jul 2024 Jan 2025 Jul 2025 Jan 2026 Jul 2026 Jan 2027



# 2023 Bond Community Dashboard

Reset View Updated: August 8, 2023

Cost

Schedule

Map



Current Budget 19,666,033.00

FBISD - Campus

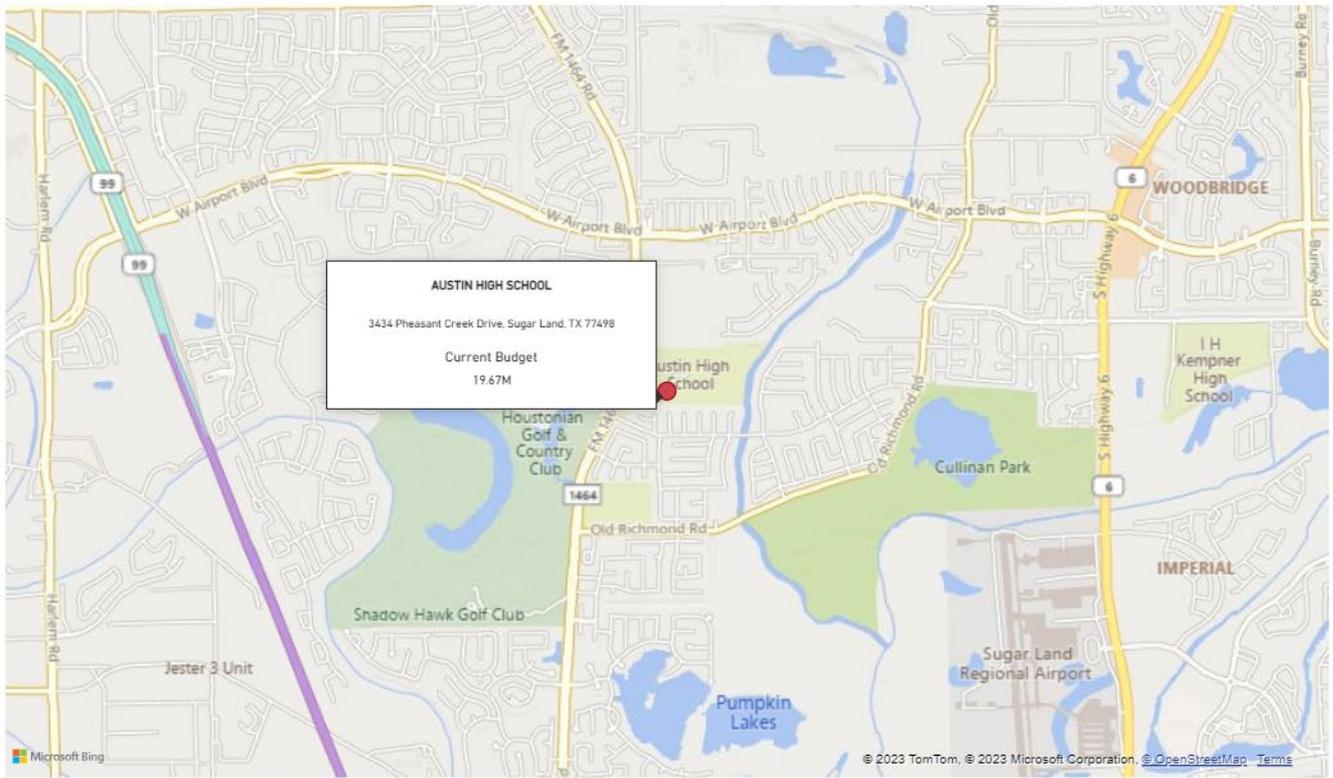
Please select a School to Start

Reset AUSTIN HIGH SCHOOL



### Bid Packages

- BP012 - Field House & Athletics Renovations
- BP014 - Kitchen Renovations MS-HS
- BP015 - Exterior Signage Package
- BP021 - Multi-Campus Renovations
- BP033 - Fine Arts Renovations
- BP034 - Roofing Package
- BP038 - Sitework Package 3
- BP048 - HVAC - MEP West 3
- BP050 - Drinking Fountains



# Bond Program Contingency

Remaining Amount		
Bond 2014	\$ 10,541,426	Set aside for CTE program development - James Reese - Sugar Land 95
Bond 2018	\$ 2,898,324	Most recent contribution \$2.5M from project close-out (August 2023)
Bond 2023	\$ 5,000,000	Initial Program Contingency

# Transportation

- Buses & Other Vehicles \$4,670,000
- District Wide White Fleet \$4,055,000
- Transportation Smart Tag \$1,000,000

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**TOTAL**

**\$9,725,000**

# Transportation – Ridership Information

- The District is currently asking for proposals for new ID badges District-wide
- The transportation department is working with the purchasing department to follow procurement procedures.
- Products will be evaluated and a recommendation made after the evaluation process.

# Transportation – Buses

## **An RFP for the purchase of buses closed at the end of June:**

- Three vendors selected
- Vendors will be announced at the September Board meeting
- Department is currently evaluating the type of buses needed and will issue purchase orders once Board approved

# 2018 Bond Information Technology Project Update

- **Large Venue Audio/Video refresh (Cafeteria & Libraries): *In progress***
  - A 1 Package: All A1 schools – *Complete*
  - A 2 Package: 8 remaining
- Classroom Toolset & Staff Refresh
- Systems

## Budget Status:

Row Labels	Sum of Adjusted Budget	Sum of Total Enc. + Exp.	Average of % Budget
Audio/Video	\$ 5,977,016.00	\$ 5,307,851.00	89%
Classroom Toolset	\$ 82,946,371.00	\$ 77,649,612.00	96%
Infrastructure	\$ 17,893,465.00	\$ 17,701,950.00	99%
Network	\$ 13,194,561.00	\$ 6,886,843.00	87%
Staff Computer Refresh	\$ 12,997,538.00	\$ 11,895,864.00	62%
System	\$ 4,558,068.00	\$ 2,575,903.00	77%
<b>Grand Total</b>	<b>\$ 137,567,019.00</b>	<b>\$ 122,018,023.00</b>	<b>86%</b>

# 2023 Bond Information Technology Project

<b>Prop A</b>	<b>\$66,908,000</b>
+ Infrastructure	\$1,512,000
+ Network	\$62,625,000
+ Systems	\$2,771,000
<b>Prop B</b>	<b>\$52,470,000</b>
+ Classroom Toolset	\$48,113,000
+ Staff Computer Refresh	\$4,357,000
<b>Total</b>	<b>\$119,378,000</b>

# 2023 Bond Network Refresh Plan

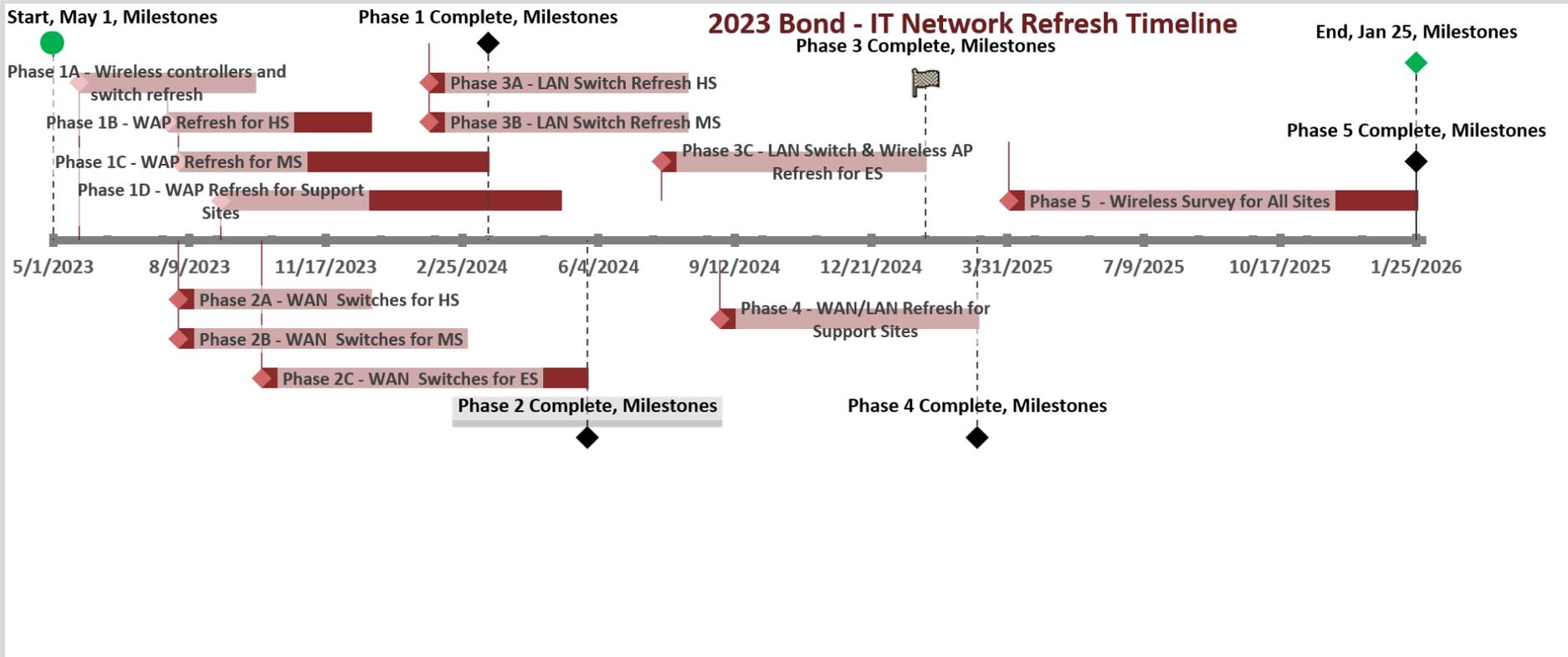
- **Proposition: A**
- **Last Refresh: 2015-2018 (2014 Bond)**
  - Planned lifecycle – 7 years
- **Estimated Budget: \$56.5M**
- **Scope:** Wireless Local Area Network (WLAN) controllers and Wireless Access Points (WAP), Wide Area Network (WAN) distribution, and Local Area Network (LAN) distribution

<u>Phase</u>	<u>Descriptions</u>
<b>Phase 1A</b>	Wireless Infrastructures to include controllers and switching
<b>Phase 1B</b>	Access Point Refresh for HS
<b>Phase 1C</b>	Access Point Refresh for MS
<b>Phase 1D</b>	Access Point Refresh for Support Sites
<b>Phase 2A</b>	WAN Distribution Switches for HS
<b>Phase 2B</b>	WAN Distribution Switches for MS
<b>Phase 2C</b>	WAN Distribution Switches for ES
<b>Phase 3A</b>	LAN Switch Refresh HS
<b>Phase 3B</b>	LAN Switch Refresh MS
<b>Phase 3C</b>	LAN Switch & Wireless AP Refresh for ES
<b>Phase 4</b>	WAN/LAN Refresh for Support Sites
<b>Phase 5</b>	Wireless Survey for All Sites

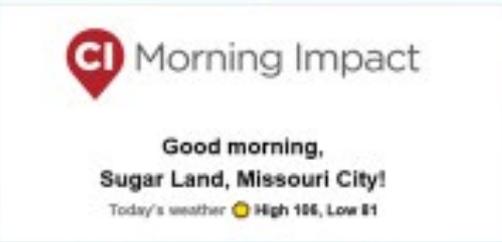
# 2023 Bond Network Refresh Plan Summary

- **Wireless (Wi-Fi) System** - wireless infrastructure:
  - Wireless LAN Controllers and 8000+ Wireless Access Point refresh
  - Adopt the new Wi-Fi 6E (802.11az) standard (*currently using Wi-Fi 5, 802.11ac*)
- **Wide Area Network (WAN) Distribution:** an interconnected network of local-area networks (LANs):
  - Equipment refresh of the main “aggregation” switches throughout the district
  - Approximately 200 of WAN distribution switches to be refreshed
- **Local Area Network (LAN):** interconnects within a building:
  - Equipment refresh of the local interconnecting switches throughout each facility (100 buildings)
  - Approximately 585 of LAN switches (*approx. 120,000 ports*) will be refreshed

# 2023 Bond Network Refresh Timeline



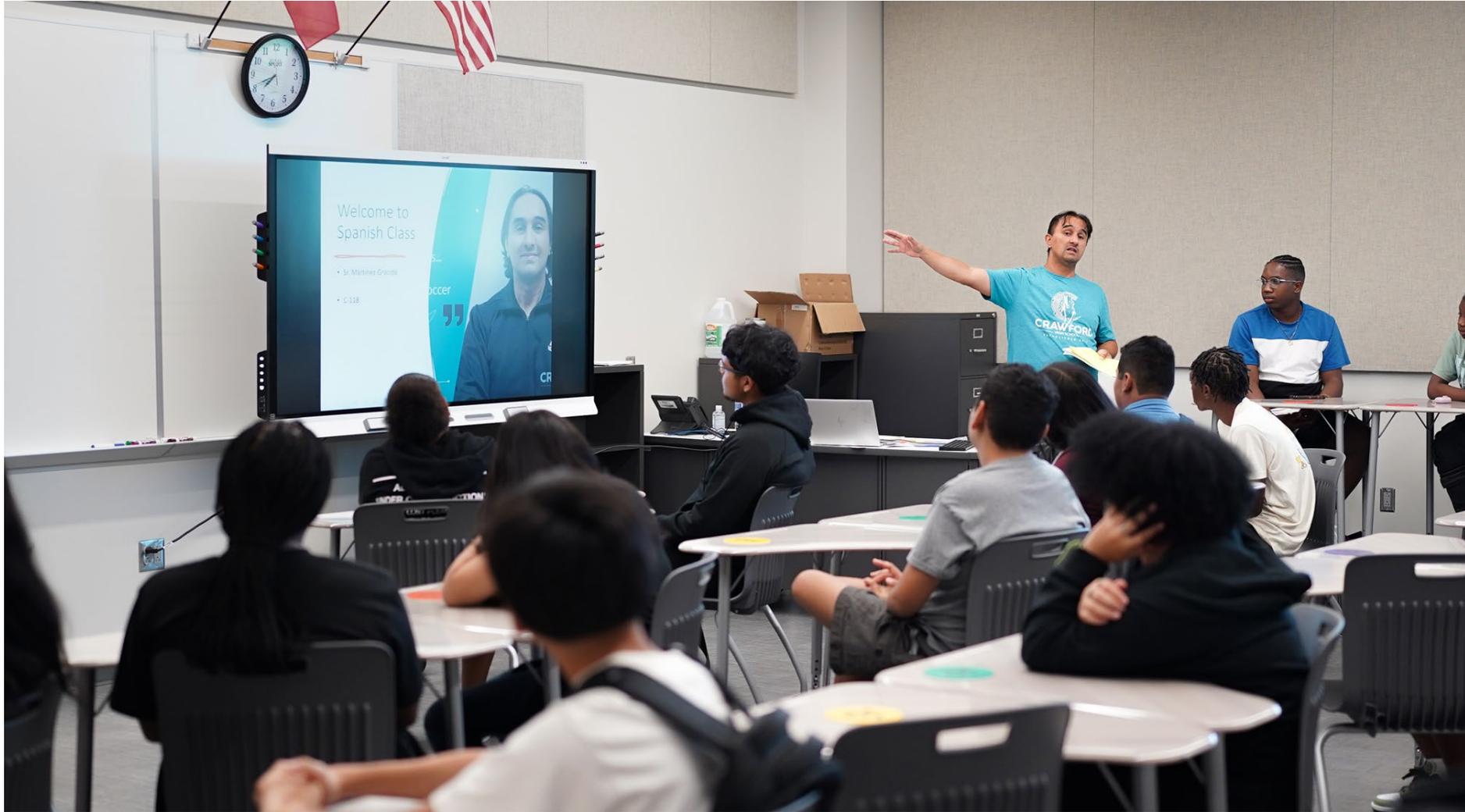
# Communications Update



# Almeta Crawford High School



# Almeta Crawford High School



# Alyssa Ferguson Elementary School



# Alyssa Ferguson Elementary School



# Alyssa Ferguson Elementary School



# Sonal Bhuchar Elementary School



# Sonal Bhuchar Elementary School



# Sonal Bhuchar Elementary School



# Safety & Security

• Security Cameras	\$3,050,000
• Police Vehicles	\$1,020,000
• Additional Floor Mounted Door Locks	\$ 200,000
• Standardized Weapons and Response Kits	\$ 200,000
• Emergency Notification System	\$ 175,000
• Safety and Security Contingency	\$1,000,000

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**TOTAL**

**\$5,645,000**

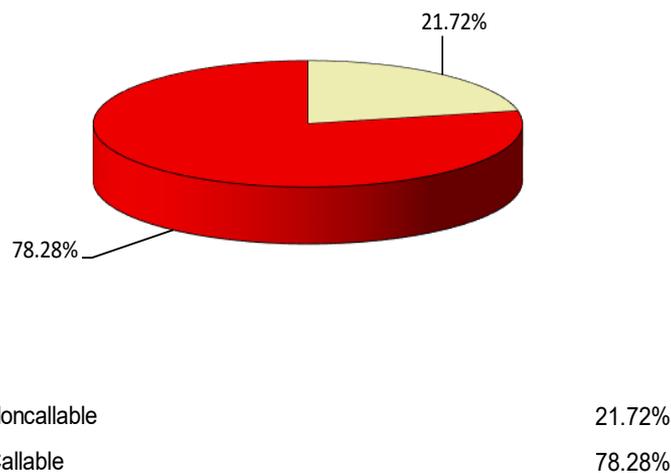
# Summary of Outstanding Debt

As of 8/31/23

## Summary Statistics

Total Outstanding Principal	\$ 1,548,150,000
<i>Total Fixed Rate</i>	1,185,975,000 76.61%
<i>Total Variable Rate</i>	362,175,000 23.39%
Total Interest Payments	789,115,535
Callable Principal (%)	78.28%
Percent of Principal Retired	
w/in 5 years	26.24%
w/in 10 years	47.97%
w/in 15 years	63.46%
w/in 20 years	78.50%
w/in 25 years	92.48%
w/in 30 years	100.00%
Final Maturity	8/15/2053

## Principal Composition



## Underlying Ratings

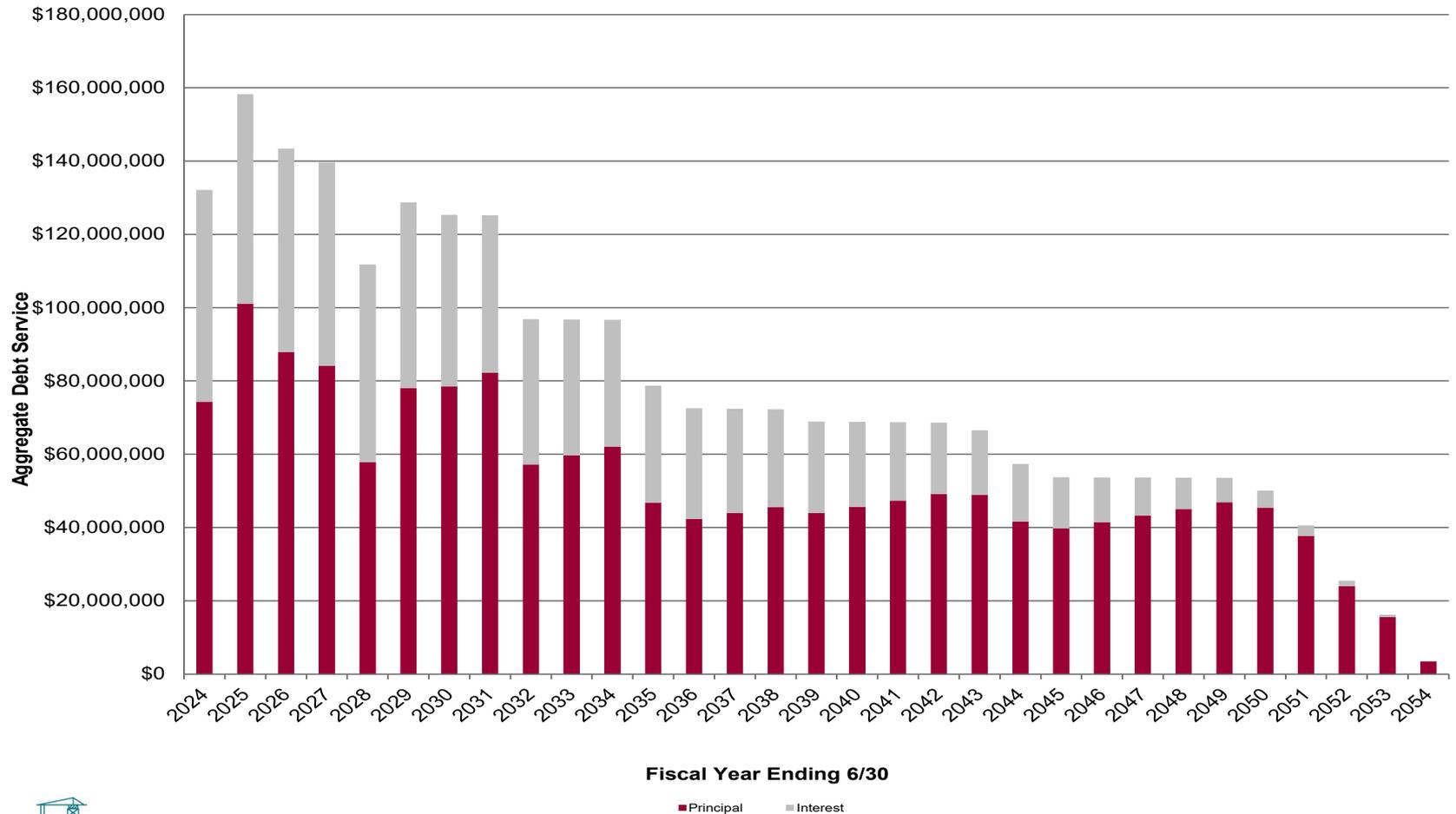
Fitch	AA+
S&P	AA+

## Voted Authorization

Date	Amount	Issued	Balance
11/4/2014	\$ 484,000,000	\$ 470,750,000	\$ 13,250,000
11/6/2018	992,600,000	881,870,000	110,730,000
5/6/2023	1,256,200,000	-	1,256,200,000
	\$ 2,732,800,000	\$ 1,352,620,000	\$ 1,380,180,000

# Summary of Outstanding Debt

## PRINCIPAL & INTEREST



# Summary of Outstanding Debt

## CALLABLE BONDS

The following table shows the District's callable bonds as of August 31, 2023

Bond Issue	Callable Principal	Call Date
Variable Rate Unlimited Tax School Building Bonds, Series 2022B	\$ 90,025,000	8/1/2024
Variable Rate Unlimited Tax Refunding Bonds, Series 2019A	78,285,000	8/1/2024
Unlimited Tax Refunding Bonds, Series 2014	46,145,000	8/15/2024
Unlimited Tax Refunding Bonds, Series 2016A	35,755,000	8/15/2024
Variable Rate Unlimited Tax School Building and Refunding Bonds, Series 2020B	74,065,000	8/1/2025
Variable Rate Unlimited Tax Refunding Bonds, Series 2021B	106,900,000	8/1/2026
Unlimited Tax Refunding Bonds, Series 2017A (Green Bonds)	36,525,000	8/15/2026
Unlimited Tax Refunding Bonds, Series 2017B	28,080,000	8/15/2026
Unlimited Tax Refunding Bonds, Series 2018	119,585,000	8/15/2027
Unlimited Tax School Building Bonds, Taxable Series 2018	48,300,000	8/15/2027
Unlimited Tax School Building & Refunding Bonds, Series 2019B	92,605,000	2/15/2028
Unlimited Tax Refunding Bonds, Series 2019C	88,715,000	8/15/2028
Unlimited Tax Refunding Bonds, Series 2020	87,850,000	8/15/2029
Unlimited Tax School Building Bonds, Series 2020A	86,345,000	8/15/2029
Unlimited Tax School Building Bonds, Series 2021A	73,485,000	8/15/2030
Unlimited Tax Refunding Bonds, Series 2022A	70,210,000	8/15/2031
Unlimited Tax School Building and Refunding Bonds, Series 2023	48,940,000	8/15/2032

# Tax Exempt Commercial Paper

- The District established a Commercial Paper Program on November 3, 2016.
- On January 22, 2019, the Board of Trustees approved expanding the commercial paper program from \$100 million to \$150 million effective February 20, 2019. In addition, the Board approved adding the 2018 Bond and the 2023 Bond to the commercial paper program in January 2019 and July 2023, respectively.
- Currently, the District does not have any outstanding commercial paper notes.
- As of 8/31/2023, the District has saved approximately \$24.5 million in interest expense.

Interest Expense Comparison					
Period Ending	Commercial Paper Notes			Fixed Rate Issue - Total Interest Expense	Interest Expense Difference
	Series A	Series B	Total Interest Expense		
8/31/2023	\$ 2,837,524	\$ 153,263	\$ 2,990,787	\$ 27,544,744	\$ (24,553,957)

# Debt Transactions

- **Series 2022B (Remarketing 2023) \$90,025,000**
  - Closed on August 1, 2023
  - Variable rate debt
  - Original principal amount was \$99,935,000
  - Paid off \$9,910,000 in principal
  - Remarketed for a one-year term at 3.65%
- **2024 Bond Orders – December 2023 Board Meeting**
  - Commercial paper refunding
  - New money bonds
  - Series 2019A bonds remarketing
  - Series 2022B(R2023) bonds remarketing
  - Series 2014 bonds refunding

# Weighted Average Analysis

## 2014 & 2018 Bond Programs

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### Debt:

Weighted Average Maturity      **14.49 years**

### Assets:

Weighted Average Useful Life      **21.30 years**

**Current Percentage: 68.02%**

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As per Board Policy CCA (Local), the weighted average of maturity of the debt issued will not exceed the weighted average economic life of the assets by more than 120%.