



# 2024 BOND

BOARD WORKSHOP - JULY 29, 2024



# BOND EXPLORATION COMMITTEE 2024

The Bond Exploration Committee is a subcommittee of the District Advisory Council.

Their charge was to learn about the District's long-term facility plan, understand the needs of various departments and programs, consider input from their communities, hear about possible projects, and provide feedback.

Ultimately, the committee built a 5-year bond program to be considered by the board of trustees.

Parent/Community

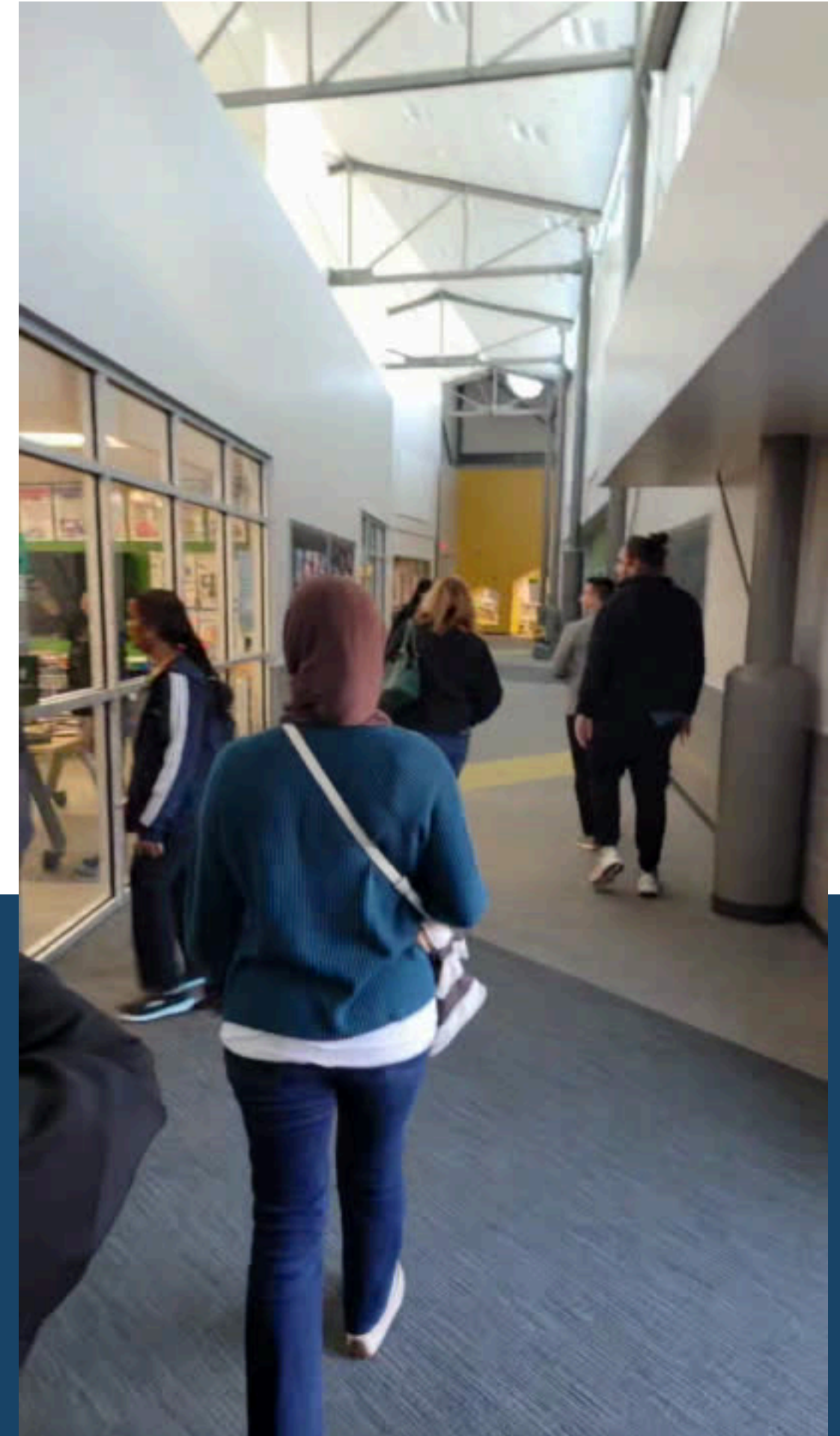
34

Staff

18

Students

9



**IM**

**INTEGRITY**  
**OF**

**EX**

**GETTING**



**THANK YOU BOND  
EXPLORATION  
COMMITTEE!**

# BOND EXPLORATION COMMITTEE 2024

## INFORMATION OVERLOAD

The committee heard from the following throughout the year:

- Teaching & Learning
- Technology
- Operations
  - Maintenance
  - Grounds
  - Furnitures Fixtures & Equipment
- Independent Architecture Firm
- Transportation
- Special Education
- Athletics
- Finance
- Outside Financial Expert



# WE MET... A LOT



# PROCESS OVERVIEW

WHAT WE DID AND WHAT NOW

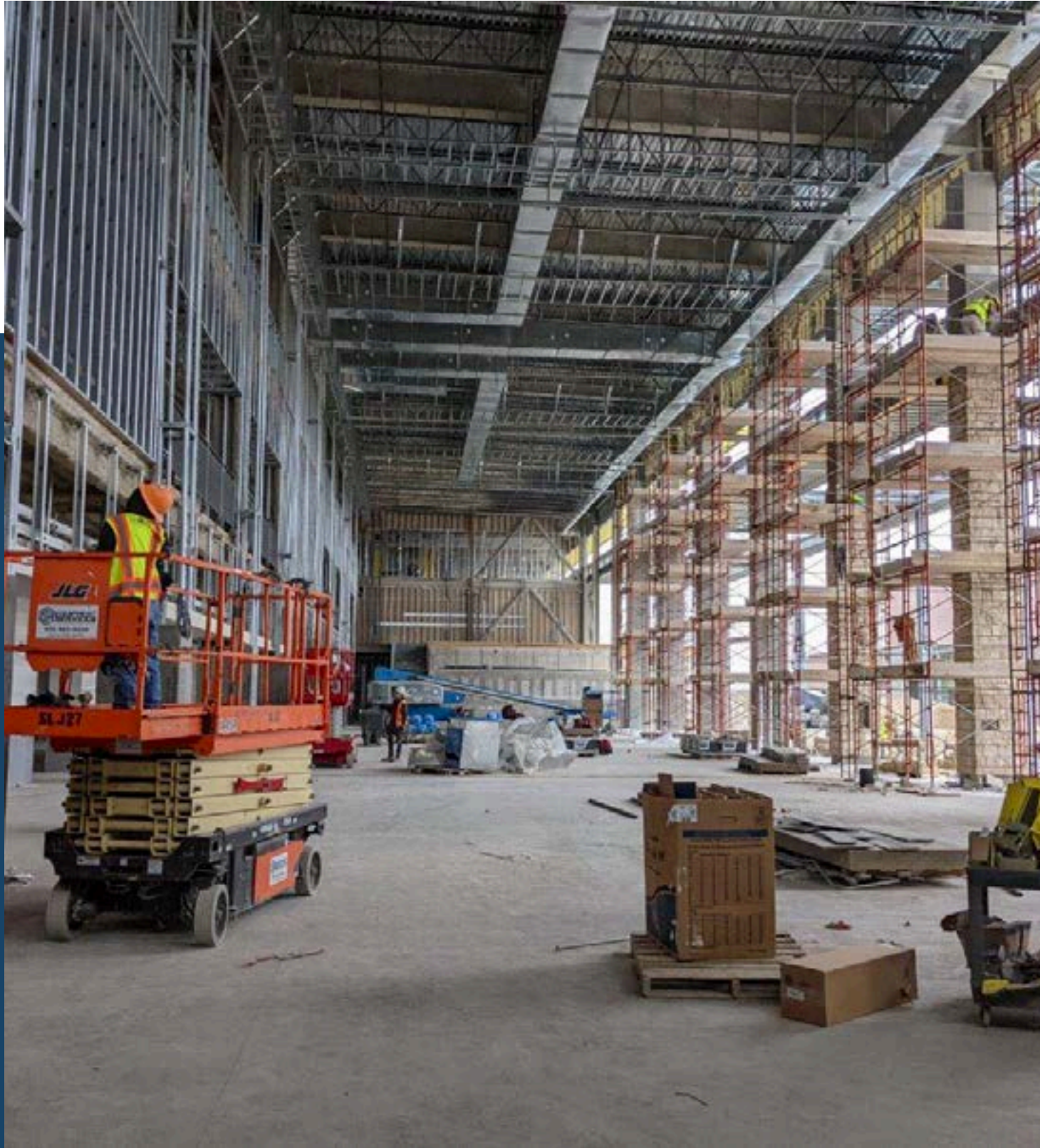
A VERY DIFFERENT BOND PACKAGE: RENOVATIONS  
VS. NEW SCHOOLS

BOND EXPLORATION PROCESS

RECOMMENDED PROJECTS

CONSIDERED BUT NOT RECOMMENDED

NEXT STEPS





# A VERY DIFFERENT BOND PACKAGE

WHY DO WE NEED A BOND IF THE DISTRICT ISN'T  
OPENING ANY NEW SCHOOLS?





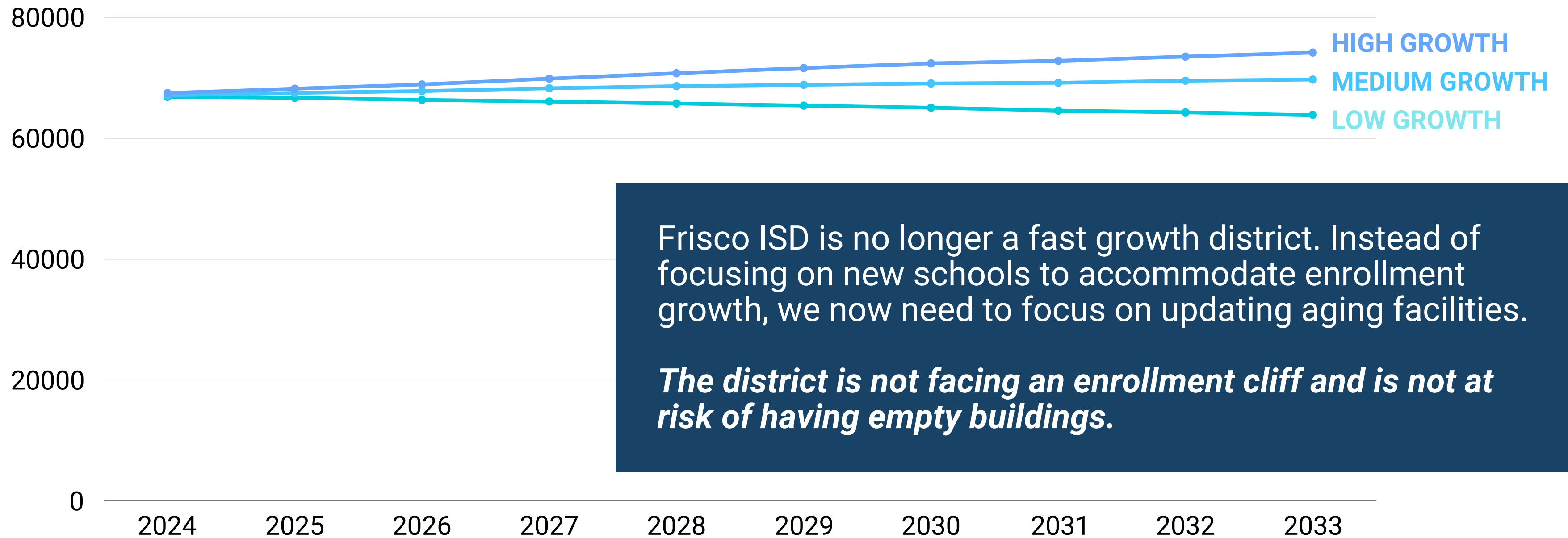
# A VERY DIFFERENT BOND PACKAGE

Projections show Frisco ISD will maintain moderate to slow growth.

No new schools does not equal no rezoning, as rezoning is needed to relieve overcrowded schools into other buildings that have available capacity.

The biggest proposed bond project is renovations to buildings at the 25-year mark

# ENROLLMENT PROJECTIONS



Frisco ISD is no longer a fast growth district. Instead of focusing on new schools to accommodate enrollment growth, we now need to focus on updating aging facilities.

***The district is not facing an enrollment cliff and is not at risk of having empty buildings.***

# PERCEPTION VS REALITY

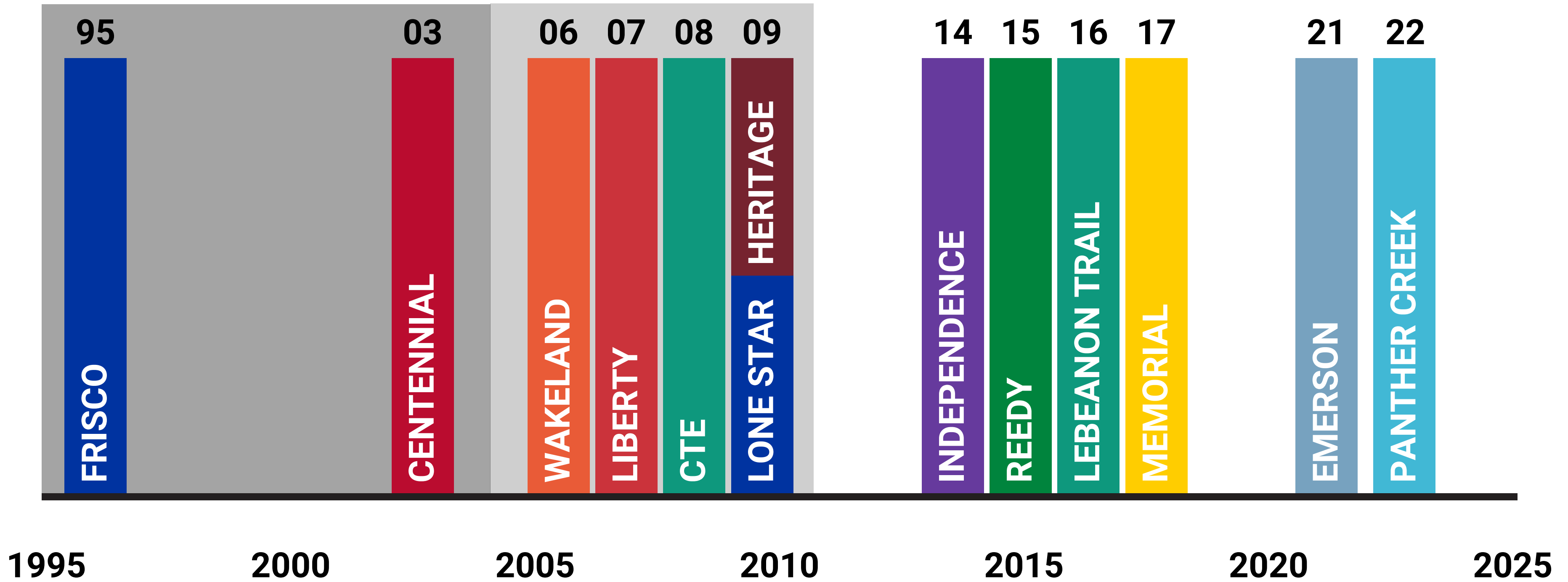
“EVERYTHING IN THE DISTRICT IS SHINY AND NEW!”

In actuality, Frisco ISD has **42 buildings** that were built between 2000 and 2010 that are either at or nearing 25 years old.

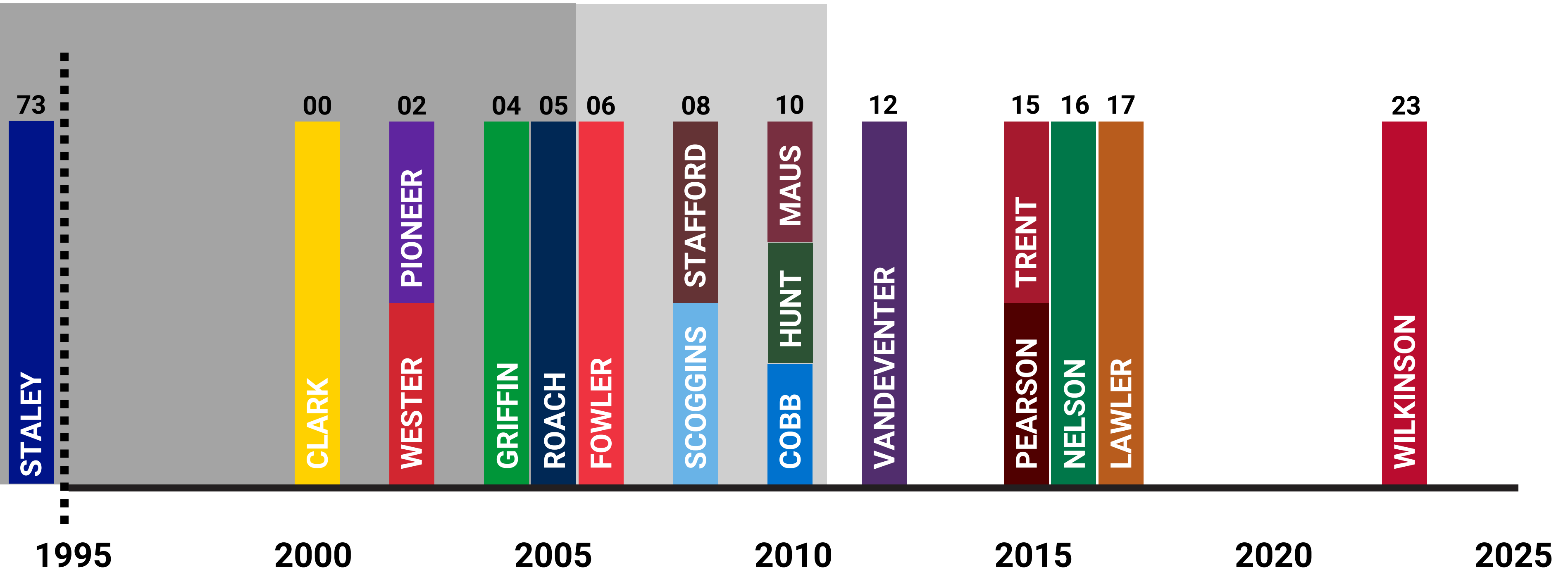
They require routine maintenance, including paint, carpet, mechanical systems, electrical systems, plumbing systems, roofing, outdoor athletics, food services and other odds and ends.



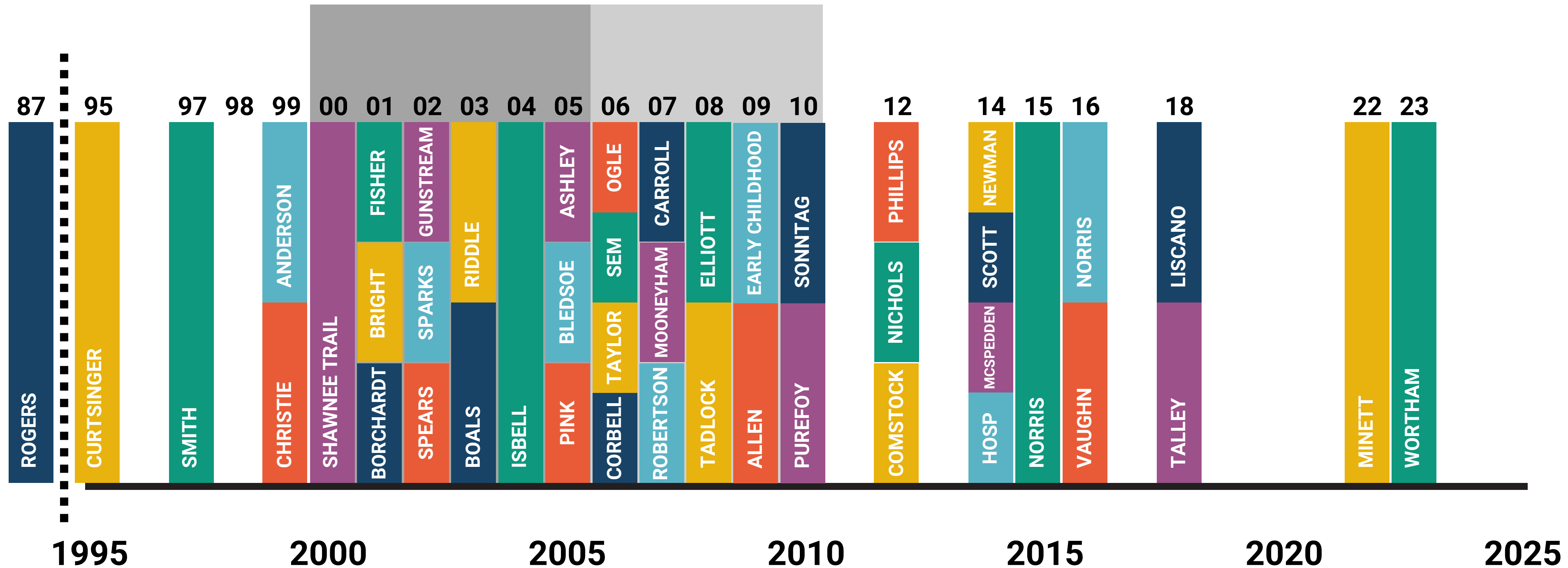
# 6 OF 13 HIGH SCHOOLS OPENED BETWEEN 2000 & 2010 (46%)



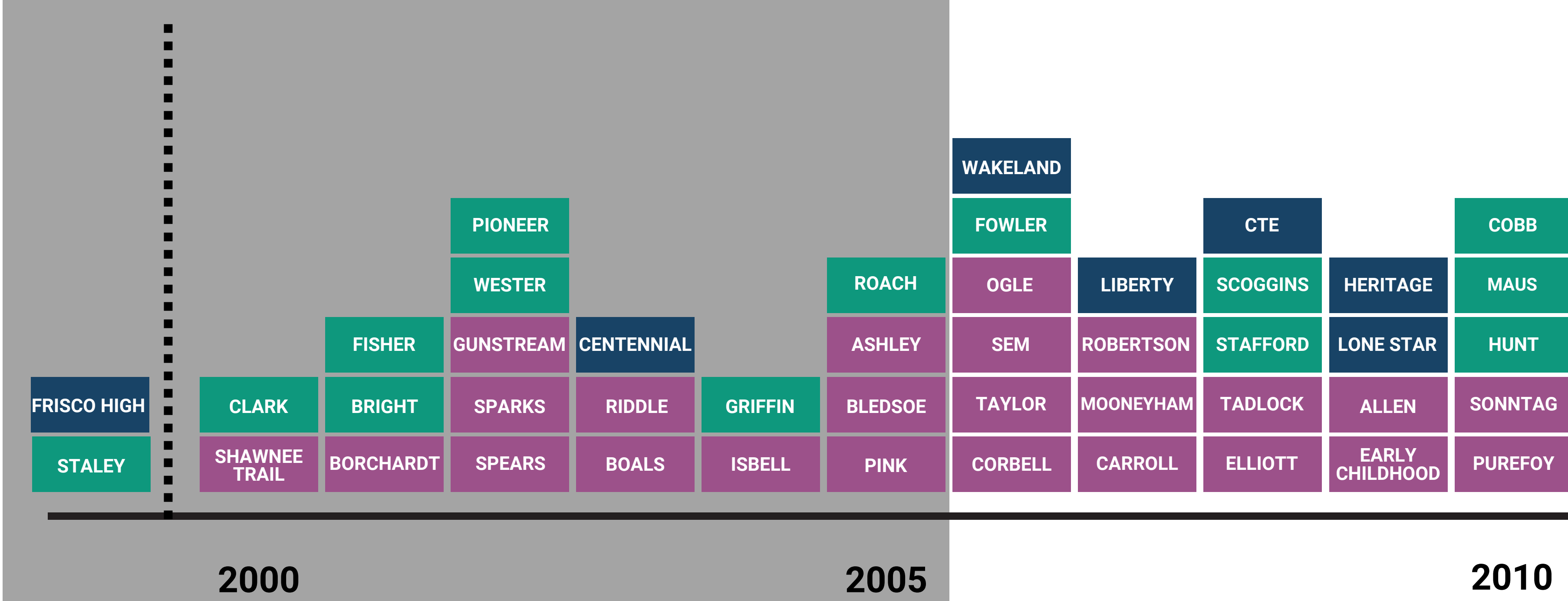
# 11 OF 18 MIDDLE SCHOOLS OPENED BETWEEN 2000 & 2010 (61%)



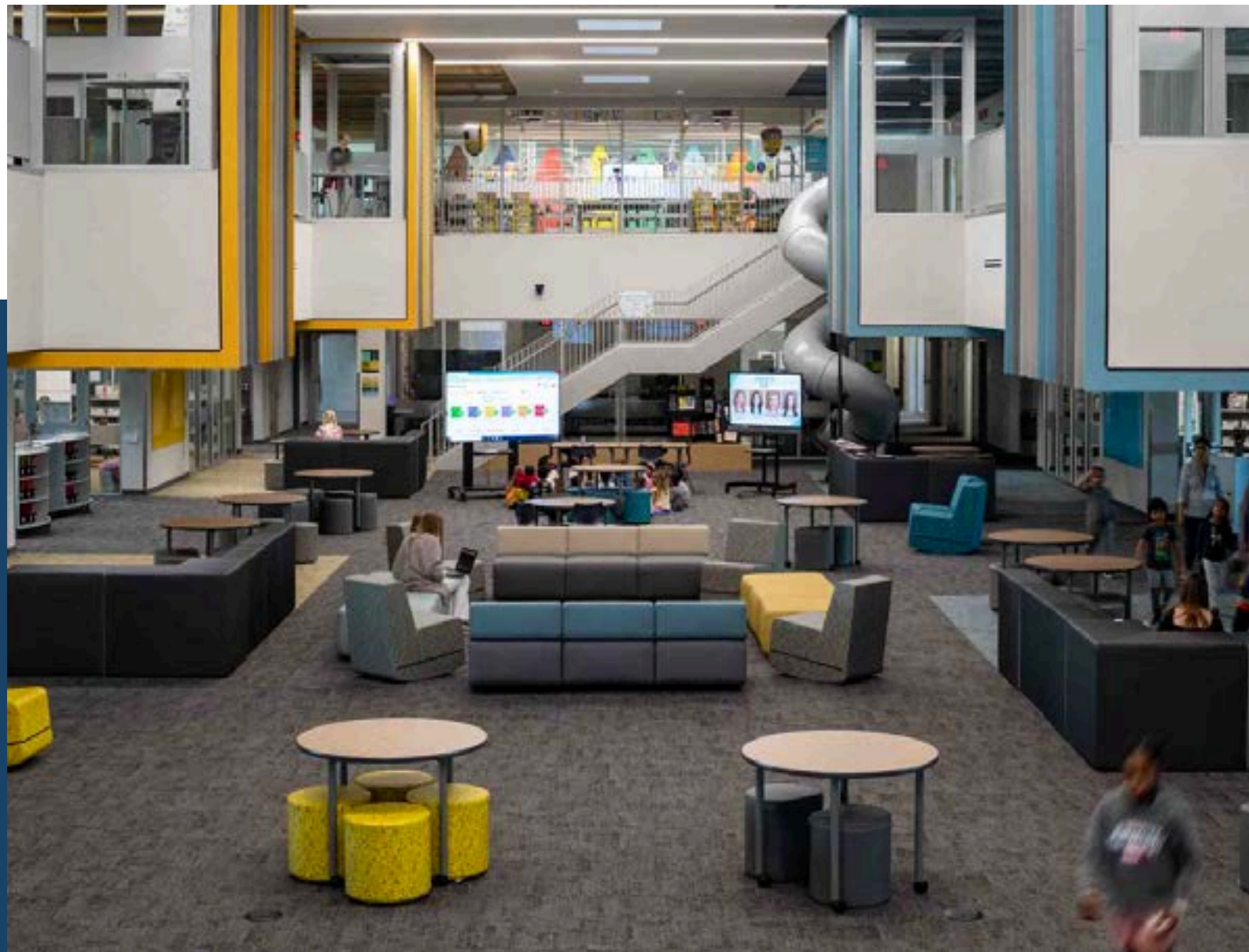
# 25 OF 45 ELEMENTARY SCHOOLS OPENED BETWEEN 2000 & 2010 (55%)



# FRISCO ISD OPENED 42 NEW SCHOOL BUILDINGS FROM 2000 TO 2010



# FACILITY “SCORECARDS”



## BASIC CONDITIONS FOR LEARNING

- How effective is the campus site and building layout in supporting safe and efficient flow?
- What impression does the appearance of the building convey?
- Are administrative zones arranged to effectively support administrative functions?
- Do teachers have appropriate spaces to collaborate?
- Are academic zones in the building designed to support intended instructional methodologies?
- Is student dining efficient and a pleasant experience for students?

## LEARNER CENTERED ENVORONMENTS

- How is positive culture reflected throughout the school?
- Are there spaces that allow for students to effectively collaborate?
- Do media spaces allow for a variety of leaning opportunities?
- Are there spaces for making and prototyping?
- Are outdoor learning options available?

## STUDENT OPPORTUNITES

- How effective is the functional quality and design attributes of these spaces:
  - Indoor and Outdoor Athletics
  - Music and Art
  - Drama and Performanc



# TOUR OF FISD CAMPUSES

## A MULTI-CAMPUS BUS TOUR

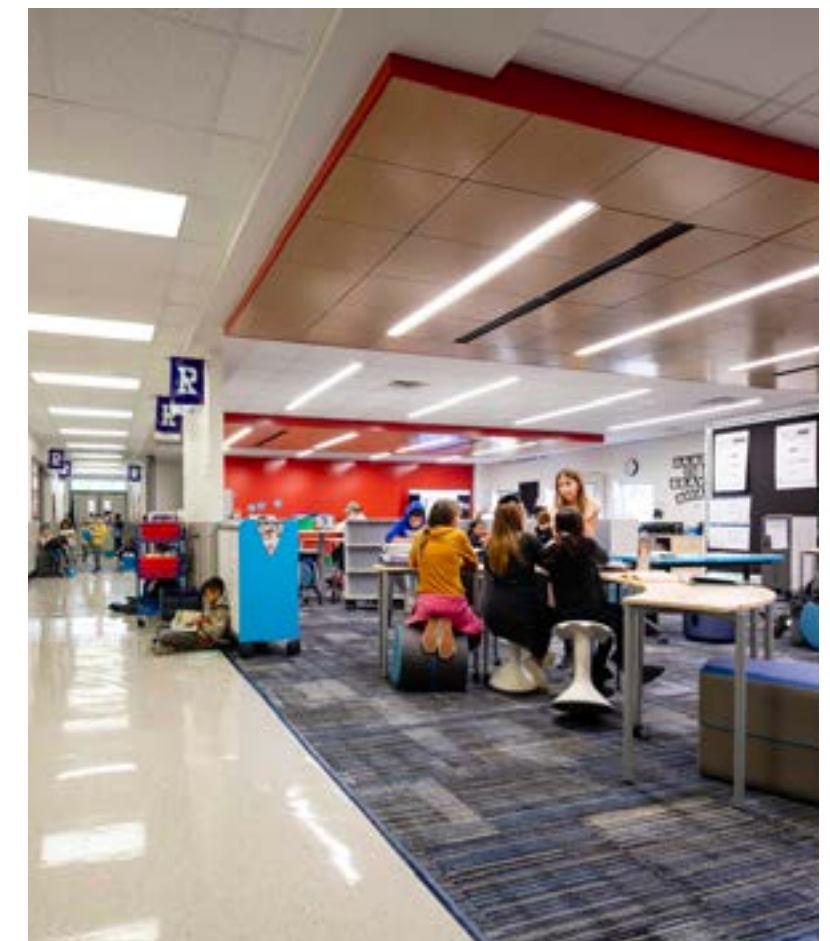
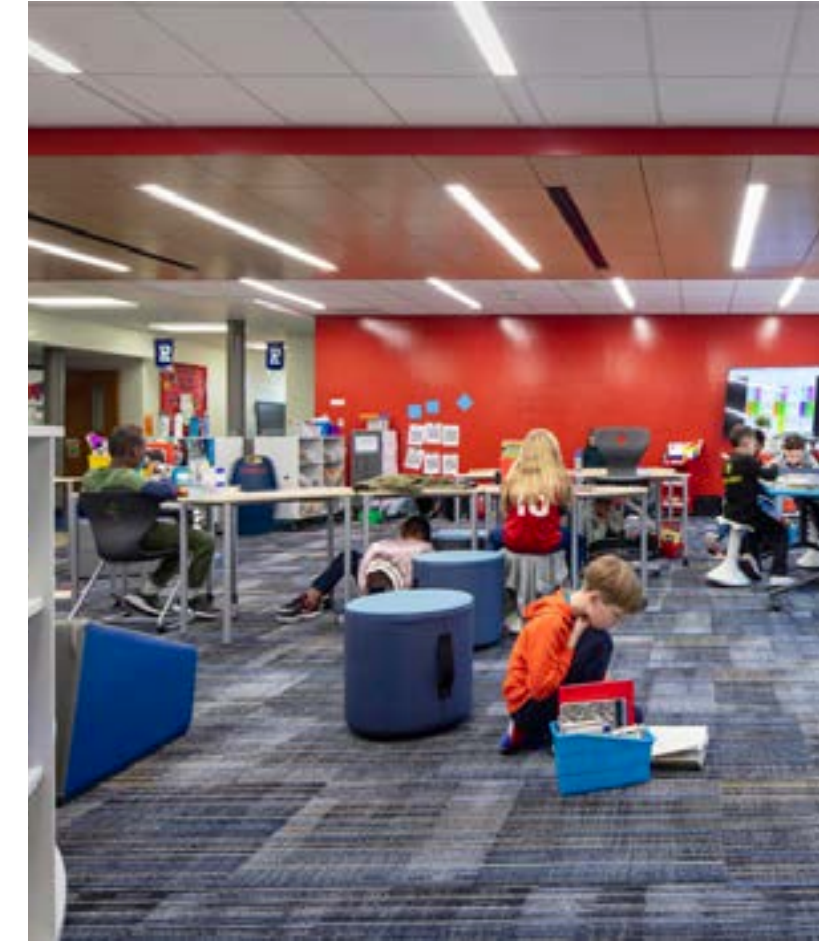
Visited Shawnee Trail Elementary, Smith Elementary and Centennial High School

At the elementary schools we

- compared the feel of a building with consistent branding
- compared collaborative learning spaces
- compared teacher collaboration spaces
- compared the functionality of the cafeteria and stage

At Centennial, we toured athletic spaces, including

- the indoor facility
- locker rooms
- baseball and softball fields and press box



# BEFORE AND AFTER



LIBRARY

# BEFORE AND AFTER



RESTROOMS

# BEFORE AND AFTER



MAIN CORRIDOR

# BEFORE AND AFTER



GRADE LEVEL POD

# BEFORE AND AFTER



FRONT OFFICE



# BUILD YOUR OWN BOND PROGRAM

Capital Projects Committee

PROJECT	PRIORITY	Y/N	PRICE
25-Year Campus Refresh	H M L		
Staley Middle School Replacement	H M L		
Aspire Training Center	H M L		
Technology Needs	H M L		
Furniture & Equipment (FF&E)	H M L		
General Facility Maintenance	H M L		
Paving & Landscape Repairs	H M L		
Safety & Security	H M L		
Transportation Needs	H M L		
Turf for Softball & Baseball Fields	H M L		
High School Pavilions	H M L		
Tennis & Golf Center	H M L		
Multi-purpose Arena	H M L		
<b>TOTAL</b>			

MEETING DOCUMENTS  
bit.ly/2024CPC



# VOTING PROCESS

Individual “build your own bond” worksheet

Small group “build a bond”

- Each project required 60% approval from the table to be included in the table’s bond program

Committee consensus

- 5 out of 6 tables needed to include a project in their bond program to move forward
- If a project received 4 out of 6 table votes, we discussed as a group and each bond member voted individually

In one case, a project was changed based on feedback and received 80% approval with changes

Several proposed projects are not recommended



# RECOMMENDED PROJECTS

WHAT DOES THE COMMITTEE RECOMMEND IS INCLUDED IN THE BOND PACKAGE?





# 25-YEAR CAMPUS REFRESH

## PROJECT DESCRIPTION

A 25-year refresh would include general maintenance and updates on campuses to modernize older buildings

## PROJECT RATIONALE

- Update and modernize 25-year-old campuses to better facilitate future-ready learning
- Allows for a renovation of both student and staff spaces
- Includes updates to mechanical, electrical, plumbing, roofing, food service, etc.
- Includes updates to finishes throughout the building

**\$569.1 MILLION**

2025

2026

2027

2028

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2030



# 25-YEAR CAMPUS REFRESH PHASES

2025

2026

2027

2028

2029

2030

PHASE 1

**SHAWNEE TRAIL ES**

**FISHER ES**



# 25-YEAR CAMPUS REFRESH PHASES

2025

2026

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2030

PHASE 1

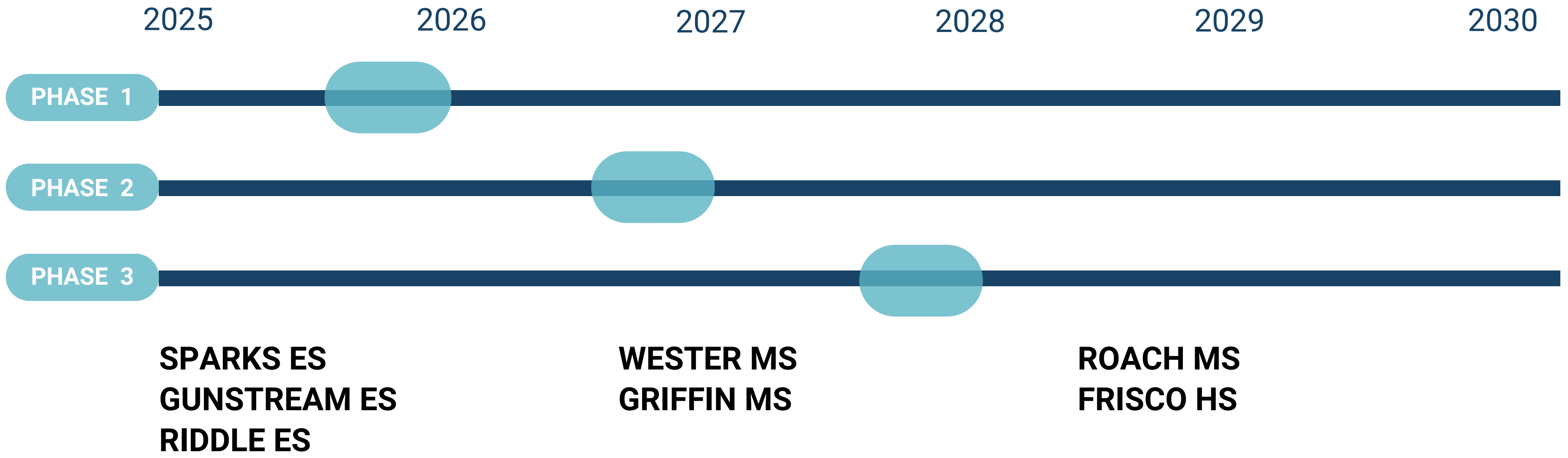
PHASE 2

**BRIGHT ACADEMY  
BORCHARDT ES**

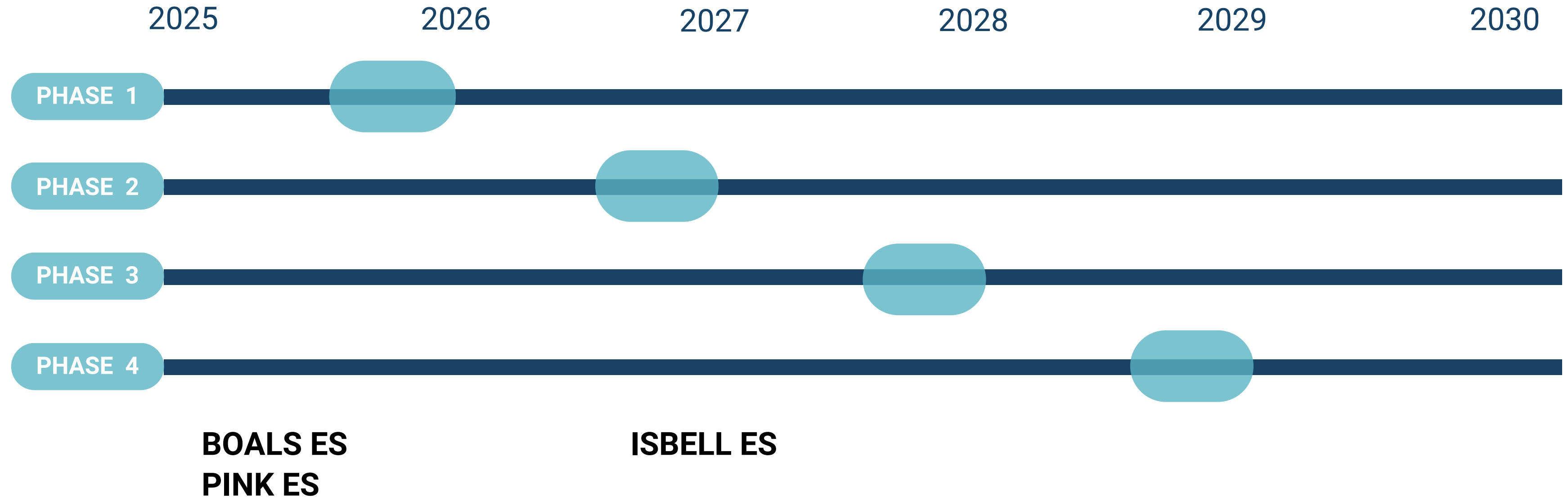
**SPEARS ES  
CLARK MS**

**PIONEER HERITAGE MS**

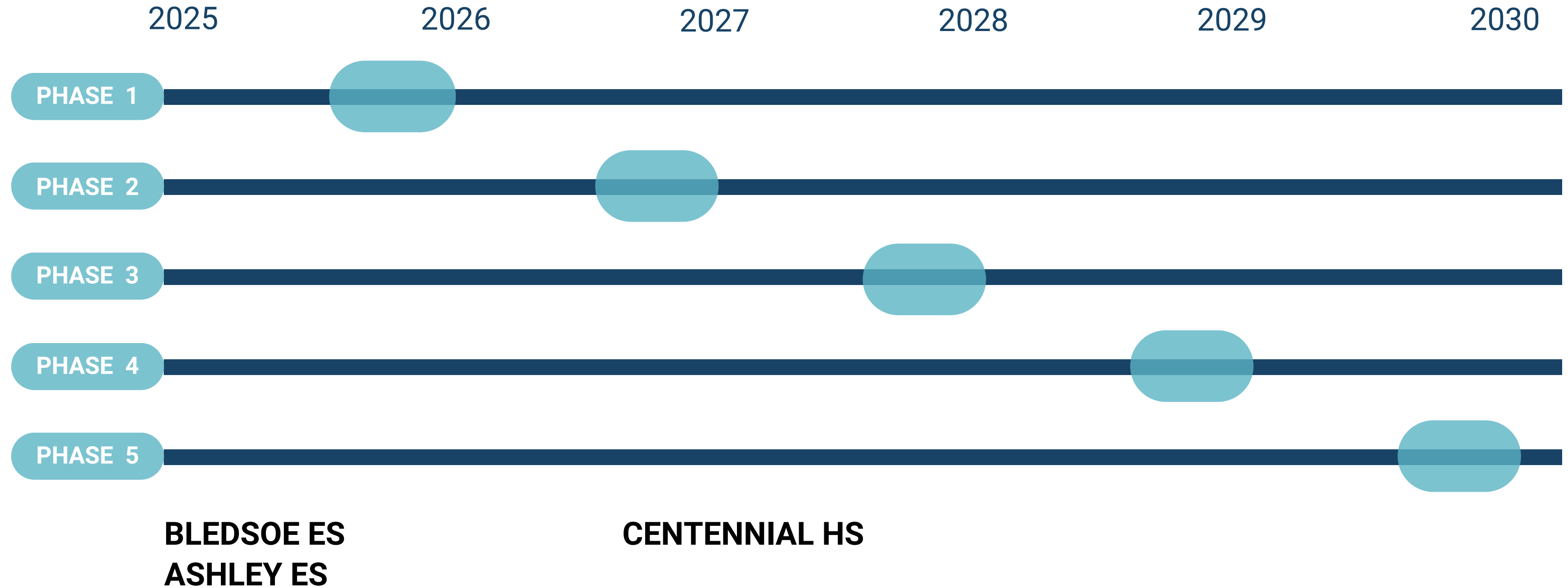
# 25-YEAR CAMPUS REFRESH PHASES



# 25-YEAR CAMPUS REFRESH PHASES



# 25-YEAR CAMPUS REFRESH PHASES



# STALEY RENO VS. REPLACEMENT

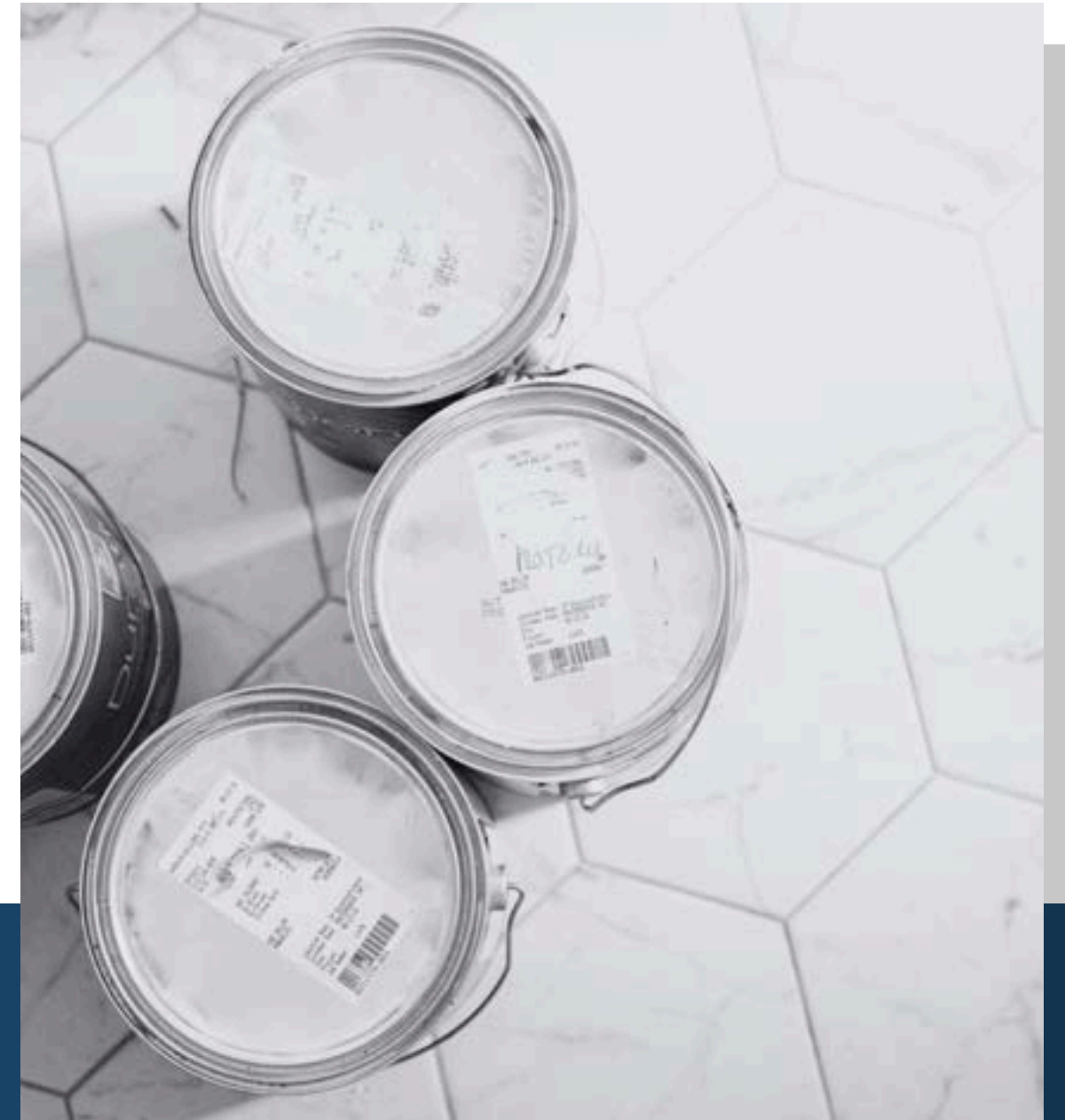
## THE COMMITTEE CONSIDERED

### RENOVATION COMPONENTS

- Collaboration space in the library area
- Redesign science labs
- Update Fine Arts and CTE areas
- Update all restrooms, paint, carpet
- Remove lockers
- New plumbing

### RENOVATION CHALLENGES

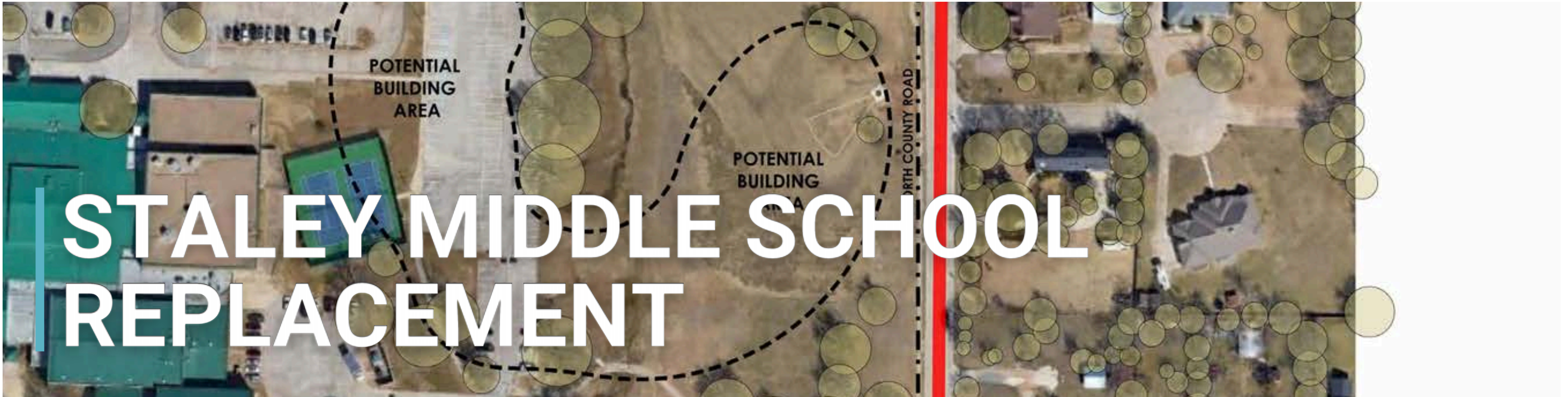
- Reduces student capacity: 700 to 750 students
- Still leaves only one gym for competition
- Maintains lower ceilings
- Maintains small square footage in classrooms
- Displaces students during renovation



# STALEY REPLACEMENT







PROJECT DESCRIPTION

A replacement of Staley Middle School on vacant land to the east of the current building

PROJECT RATIONALE

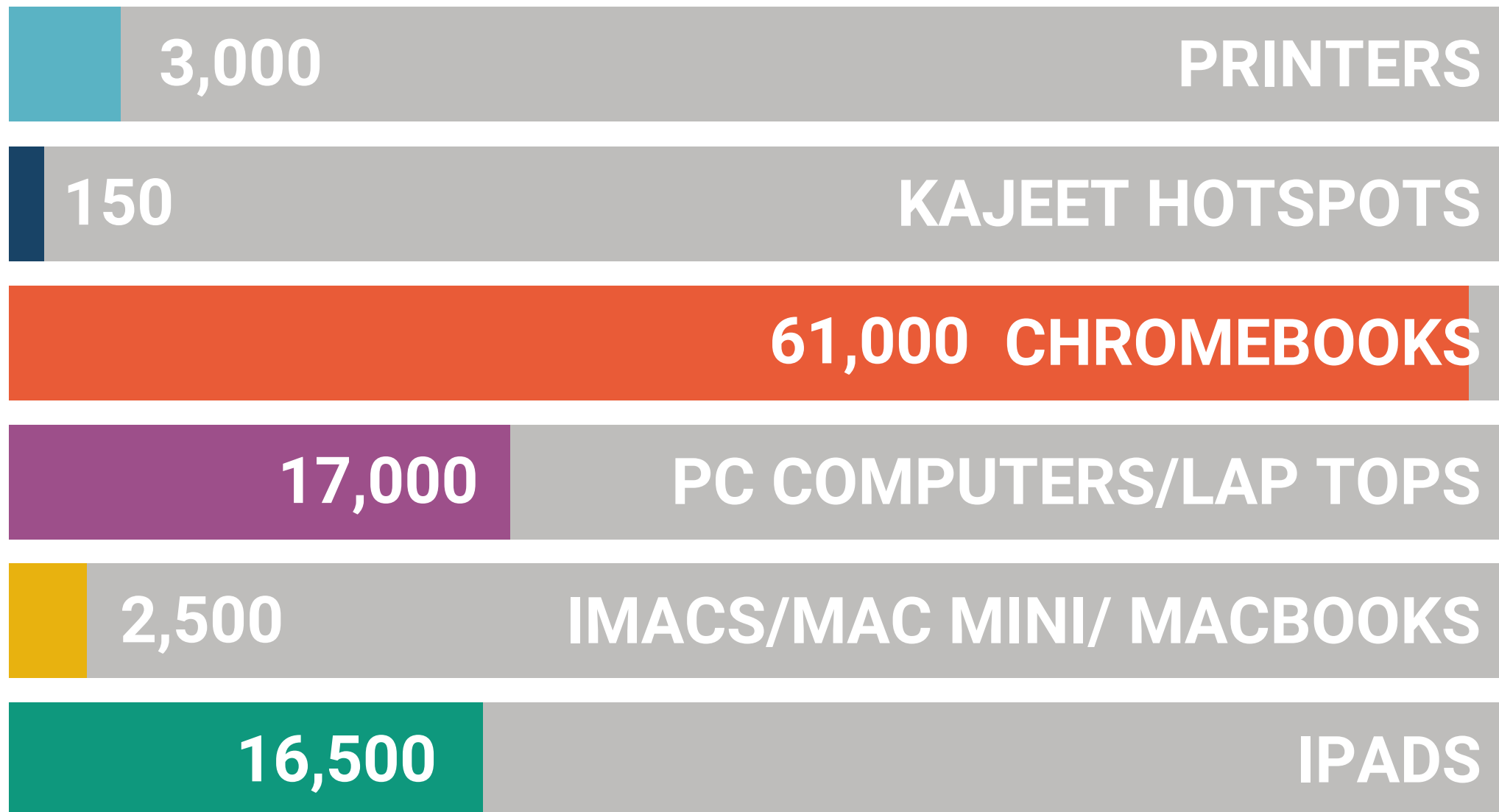
- Aligns programming with other Frisco ISD middle schools
- Prevents students from being displaced during a renovation
- Accommodates projected enrollment growth
- Allows for an additional gym for competition
- Increases square footage in classrooms
- Supports collaborative learning spaces

\$102.3MILLION

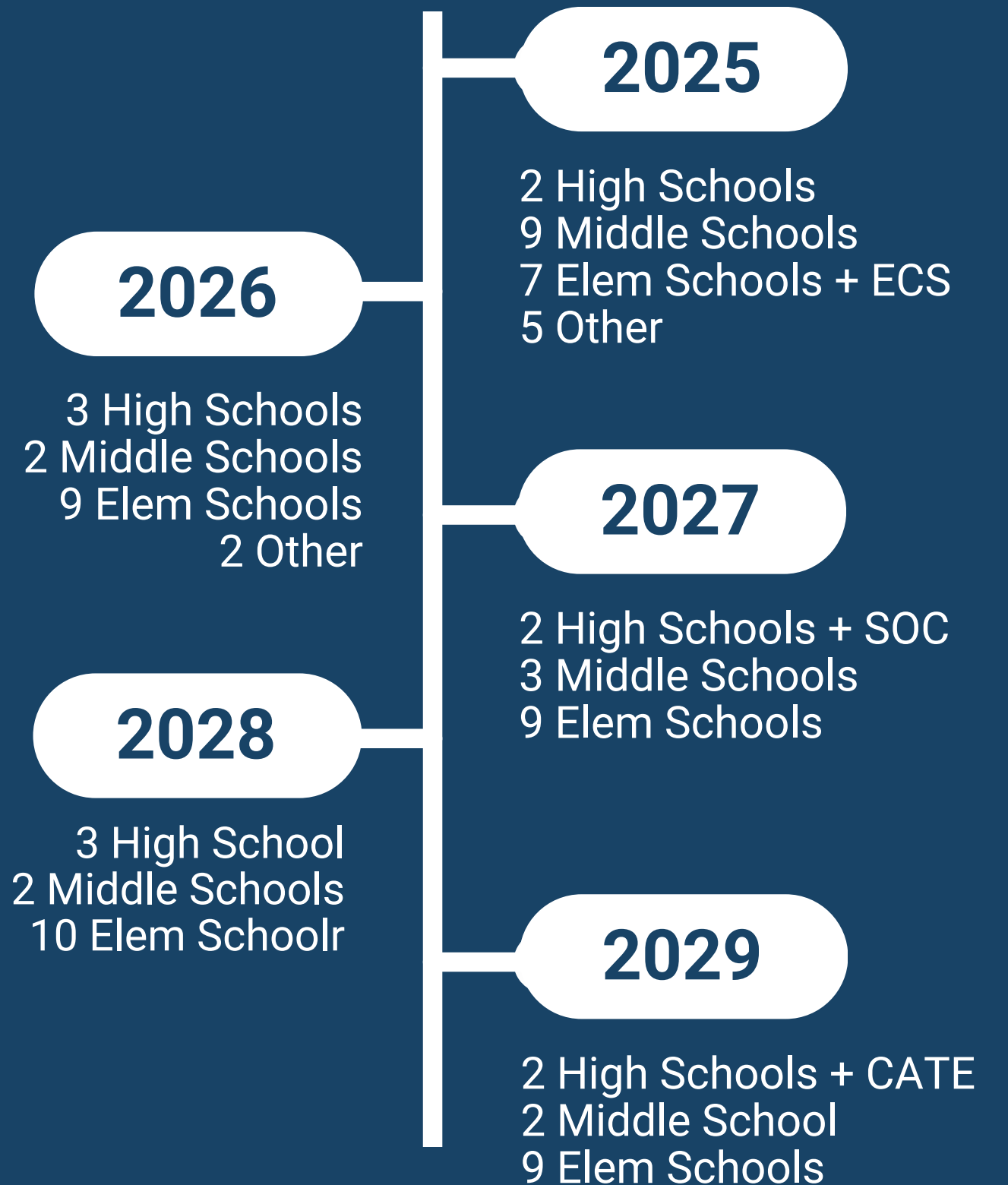
2025 2026 2027 2028 2029 2030



# TECHNOLOGY



## REFRESH SCHEDULE





# TECHNOLOGY REFRESH

## PROJECT DESCRIPTION

All campuses have a replacement cycle for all technology, from student and staff desktop computers, Chromebooks, and iPads to wireless access points, projectors, printers, and STEM equipment.

## PROJECT RATIONALE

- Provides updated, functioning technology to staff and students on a 5-year schedule
- Updates network capabilities, safety and security of the network
- Allows for large group electronic testing on secondary campuses (a state mandate)

**\$88.2 MILLION**

2025

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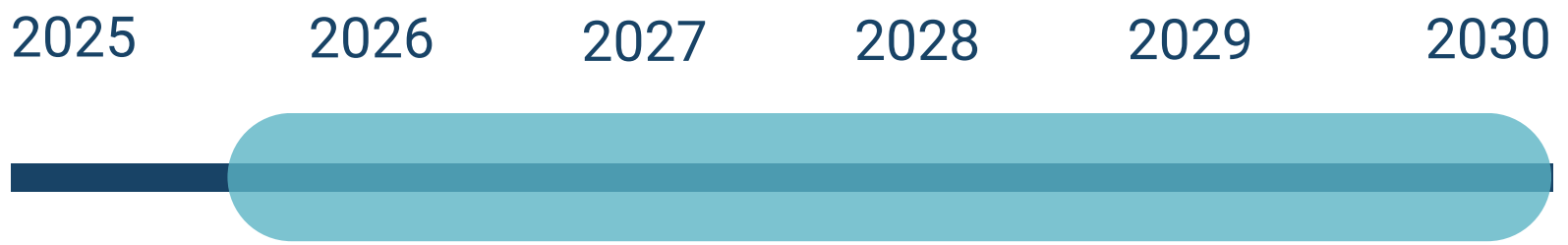




# FURNITURE & EQUIPMENT (FF&E)

PROJECT DESCRIPTION	PROJECT RATIONALE
<p>Furniture and equipment for 18 elementary schools, 14 middle schools and 7 high schools</p> <p>Fine arts and athletic equipment, including instruments, for middle and high schools on a rotation schedule</p>	<ul style="list-style-type: none"> <li>• Replaces outdated furniture in classrooms, libraries, cafeterias, common spaces, teacher collaboration spaces, and administrative offices</li> <li>• Allows for regular replacement of equipment necessary for Fine Arts and Athletics programs</li> </ul>

**\$89.5 MILLION**



FF&E = FURNITURE, FIXTURES & EQUIPMENT

# OTHER FF&E EXAMPLES

## FINE ARTS

- Pianos
- Choir risers
- Stage curtains
- Concert uniforms (band, orchestra, choir)
- Dance uniforms
- High School scene shop (power tools, sewing machines)
- UIL One Act Play unit set replacement
- Music stands
- Acoustical shells
- Visual Art classroom supplies
- Instruments

## ATHLETICS

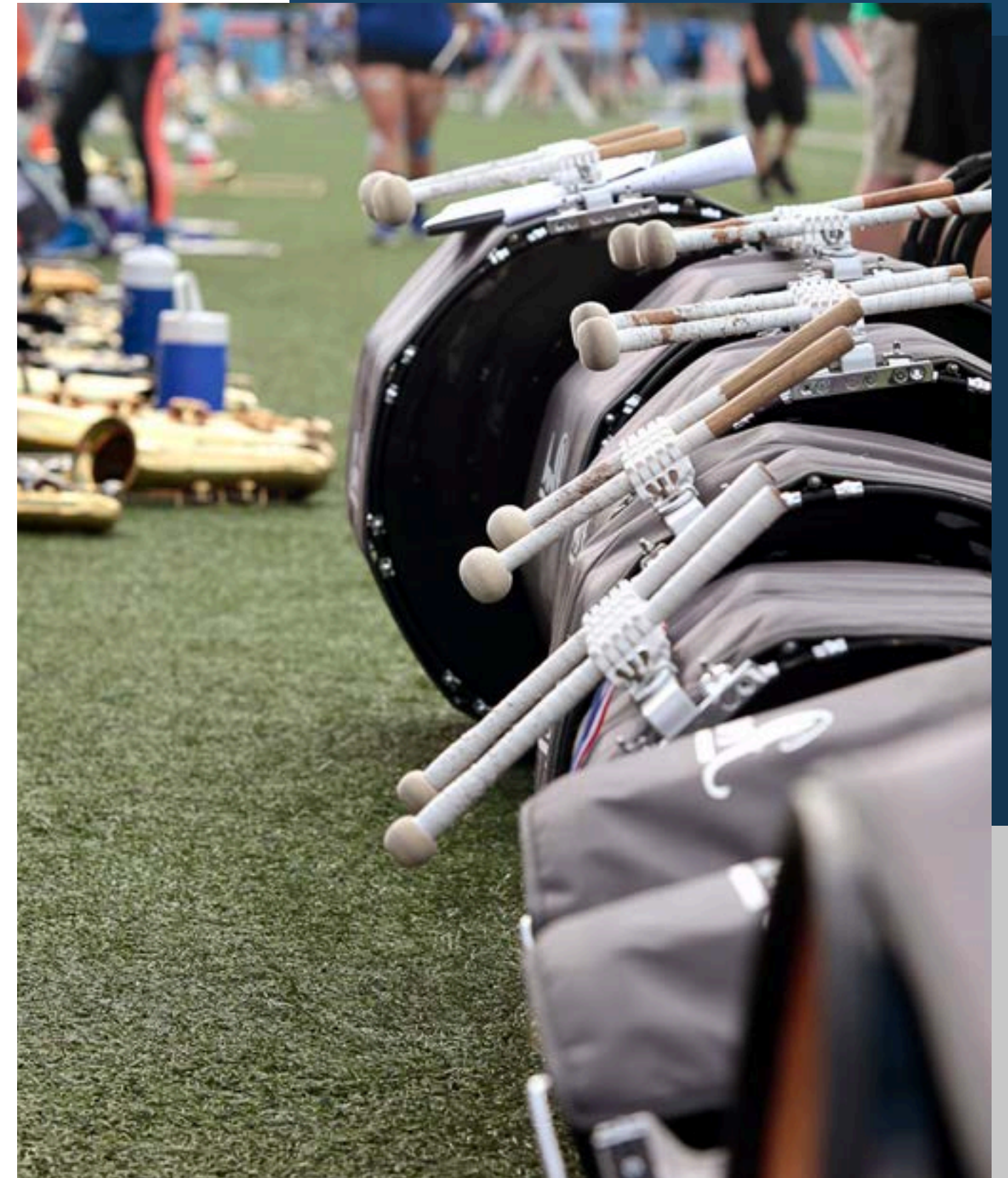
- Scoreboards
- Backstop netting / hitting cages
- Pads
- Weights
- Weight room flooring
- Uniforms/helmets
- Reel mowers
- Sideline shelter for soccer
- Scorer tables gyms
- Gym chairs
- Volleyball standards/nets
- Wrestling mats
- Soccer goals
- Concession equipment



COULD IMPACT M&O \$\$

# AN IMPORTANT NOTE:

Many of the items included in FF&E must be purchased for student programs. If the district cannot spend I&S money to purchase these items, they will have to be purchased out of the operating budget (M&O), which is the same budget used for employee compensation that is currently a deficit budget



COULD IMPACT M&O \$\$

# GENERAL FACILITY MAINTENANCE

## LIFE CYCLE REPLACEMENT

### CAMPUSES

- *Partial Interior Paint – 7 years*
- *Complete Interior Paint – 15 years*
- *Carpet – 10 to 15 years*
- *Best to align carpet replacement and complete interior paint when possible*

### MECHANICAL SYSTEMS

- *Geothermal Well Fields – Never*
- *Geothermal Heat Pumps – 22 years*
- *RTU & Split Systems – 22 years*
- *Fan Coils – 22 years*
- *Chillers – 15 years*
- *Cooling Towers – 18 years*
- *Energy Management Controls – 22 years*

### ELECTRICAL SYSTEMS

- *Lighting – Continue to replace indoor/outdoor lighting with LED fixtures for operational cost savings*
- *Security, Fire, PA, Sound – continue to replace to meet new codes and improved systems performance*
- *Monuments Signs – 15 years*

### PLUMBING SYSTEMS

- *Hydronic Boiler – 15 years*
- *Domestic Boiler – 10 years*
- *Irrigations Controls – 10 years*
- *Fire Suppression Systems – 25 years*
- *Industrial Washers & Dryers – 20 years*

### ROOFING

- *Hailstorms often drive roof system replacement in North Texas – Under Review*

### OUTDOOR ATHLETICS

- *Artificial Turf – 10 years*
- *Track Resurfacing – 7 years*
- *Tennis Court Resurfacing – 12 years*
- *Gym Floor Major Refinishing – 20 years*

### FOOD SERVICE

- *Serving Lines, Exhaust Hoods, Freezer & Coolers – Under Review*

### OTHER

- *Elevators, Bleachers, Stage Equipment, etc. – Under Review*



# GENERAL FACILITY MAINTENANCE

## PROJECT DESCRIPTION

Repair and/or replace mechanical and electrical systems, plumbing systems, roofing, paint, flooring, athletic surfaces, playgrounds, etc.

## PROJECT RATIONALE

- Many of the items to be repaired or replaced as a part of general facility maintenance will require repairs or replacement whether or not a bond passes
- By placing these items in the bond package, the District is able to free up Maintenance and Operations funds that are used to pay teachers and staff

**\$103.8 MILLION**

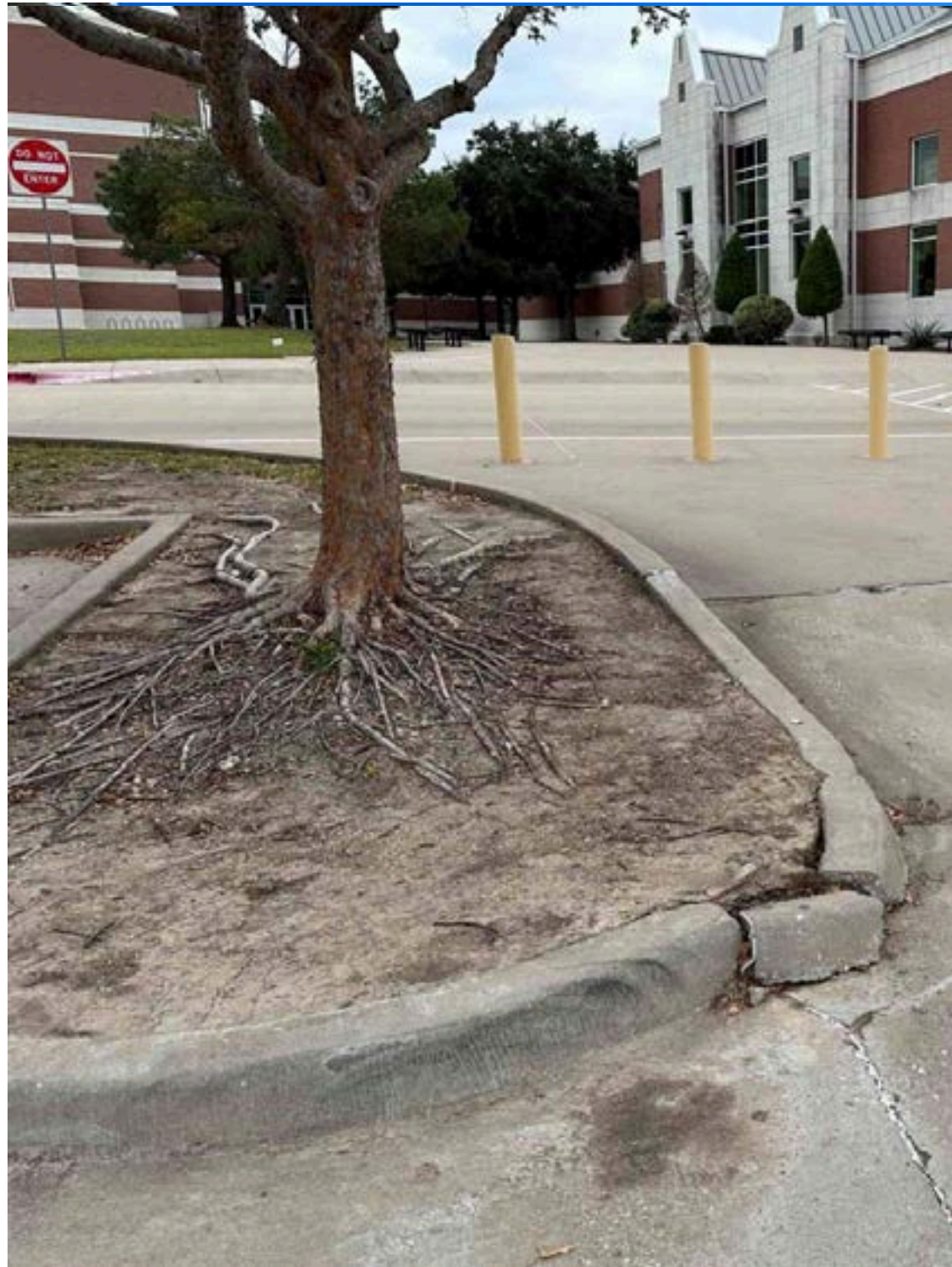
2025      2026      2027      2028      2029      2030



**COULD IMPACT M&O \$\$**



# PAVING AND LANDSCAPE



CHANGE THE *TYPE* OF LANDSCAPING SO IT REQUIRES LESS ONGOING MAINTENANCE





# PAVING & LANDSCAPE REPAIRS

## PROJECT DESCRIPTION

Landscape redesign throughout the district  
Repairs to pavement around the buildings

## PROJECT RATIONALE

- Allows for updated, cost-effective landscape design that can be easily maintained through droughts
- Provides repairs to hazardous walkways, entries, and parking lots that have shifted over time

**\$32.3 MILLION**

2025      2026      2027      2028      2029      2030

**COULD IMPACT M&O \$\$**



# SAFETY & SECURITY

## PROJECT DESCRIPTION

An expansion of Frisco ISD's safety, security, and emergency management capabilities

## PROJECT RATIONALE

- Allows for an upgrade of current cameras to 4K and additional internal and external cameras
- Replaces camera servers
- Upgrades telecenter alerting platform, including uninterruptable power supply for campus and district repeaters
- Enhances the City of Frisco's Situational Awareness for Emergency Platform (SAFER)

**\$30.7 MILLION**

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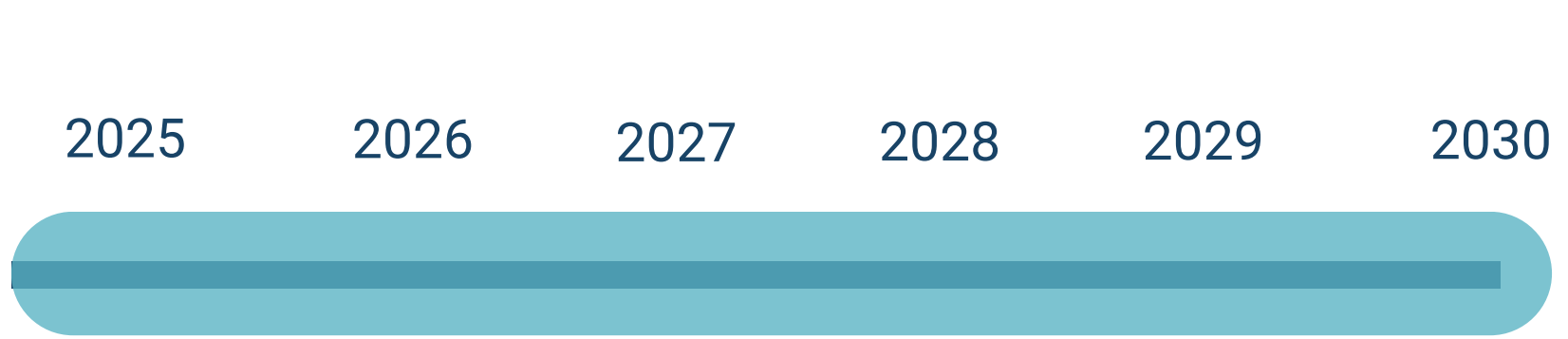
2030





PROJECT DESCRIPTION	PROJECT RATIONALE
<p>Replacement vehicles for buses, SUVs, box trucks, and band trailers</p> <p>Equip all district vehicles with GPS</p> <p>New bus wash, fuel pumps, fuel tanks and covered fueling stations</p>	<ul style="list-style-type: none"> <li>• Buses and SUVs need to be replaced every 15 years or 100K miles</li> <li>• The District does not currently have a working bus wash</li> <li>• Current fuel pumps are outdated, and replacement parts cannot be purchased</li> <li>• Additional fuel tanks are needed to reduce delivery costs, which are paid for with Maintenance and Operations funds that are also used to pay teachers and staff</li> </ul>

**\$34.8 MILLION**



**COULD IMPACT M&O \$\$**



# TURF FOR SOFTBALL & BASEBALL FIELDS

## PROJECT DESCRIPTION

Turf for baseball and softball fields for 7 high school campuses that were not included in the 2018 bond program

## PROJECT RATIONALE

- Provides equitable practice and competition fields for each campus
- Allows for a safer playing environment and a quicker return to play after inclement weather
- Allows Frisco ISD to host district and regional competitions
- Possible revenue generator

**\$26.7 MILLION**

2025

2026

2027

2028

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2030





PROJECT DESCRIPTION

16 outdoor tennis courts with spectator seating, concessions, and restrooms

PROJECT RATIONALE

- Allows Frisco ISD to host district and regional competitions in one location instead of bussing students back and forth between campuses
- Possible revenue generator

**\$11.2 MILLION**

2025

2026

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# PROJECTS CONSIDERED BUT NOT RECOMMENDED

WHAT WAS PROPOSED BUT DIDN'T MAKE IT TO  
THE COMMITTEE'S RECOMMENDATION?



# HIGH SCHOOL PAVILIONS

## PROJECT DESCRIPTION

Turf and covering for one practice field at each high school

## PROJECT RATIONALE

- Would provide a cooler space to practice in the heat to meet UIL standards, as temperature is consistently measured at 20 degrees less under a pavilion
- Programs outside of athletics would have been able to use the space during non-practice times

**\$132.5 MILLION**

2025

2026

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2030







# MULTIPURPOSE ARENA



## PROJECT DESCRIPTION

A centrally located multipurpose arena with approximately 2,500 seats, almost double what a Frisco ISD high school gym supports

## PROJECT RATIONALE

- Allows Frisco ISD to host
  - middle and high school athletic competitions: invitational tournaments, post-season, regional events, etc.
  - academic competitions/showcases: Robotics, AcDec, ISM, etc.
  - Fine arts competitions: dance, cheer, color guard, etc.
- Provides additional space for professional development, banquets and other district needs
- Potential revenue generator

**\$95 MILLION**

2025      2026      2027      2028      2029      2030



# 2024 BOND PACKAGE

## PROPOSITION A

# \$986 M

### GENERAL BOND

- 25-year campus refresh
- Staley MS replacement
- Furniture & equipment
- General facility maintenance
- Paving & landscape repairs
- Safety & Security
- Transportation
- Turf for baseball & softball fields

## PROPOSITION B

# \$88.2 M

### TECHNOLOGY BOND

- Replacement devices for staff and students on a 5-year rotation schedule
- Updated network
- Additional wireless access points

State law now requires districts to have separate propositions for:

- Technology equipment other than infrastructure
- Recreational facilities other than gyms, playgrounds, or play areas

Separate propositions are now required for stadiums with seating for more than 1,000, natatoriums, performing arts facilities, and housing for teachers (Not included in this bond program)

## PROPOSITION C

# \$11.2 M

### ATHLETICS BOND (TENNIS CENTER)

- 16 outdoor tennis courts with spectator seating, concessions, and restrooms



# PROJECT FINANCING

BRIAN GRUBBS, SAMCO CAPITAL MARKETS

# NEXT STEPS





# THANK YOU!

**APPLY FOR 2024-25 DISTRICT COMMITTEES  
AUGUST 1 - 31**