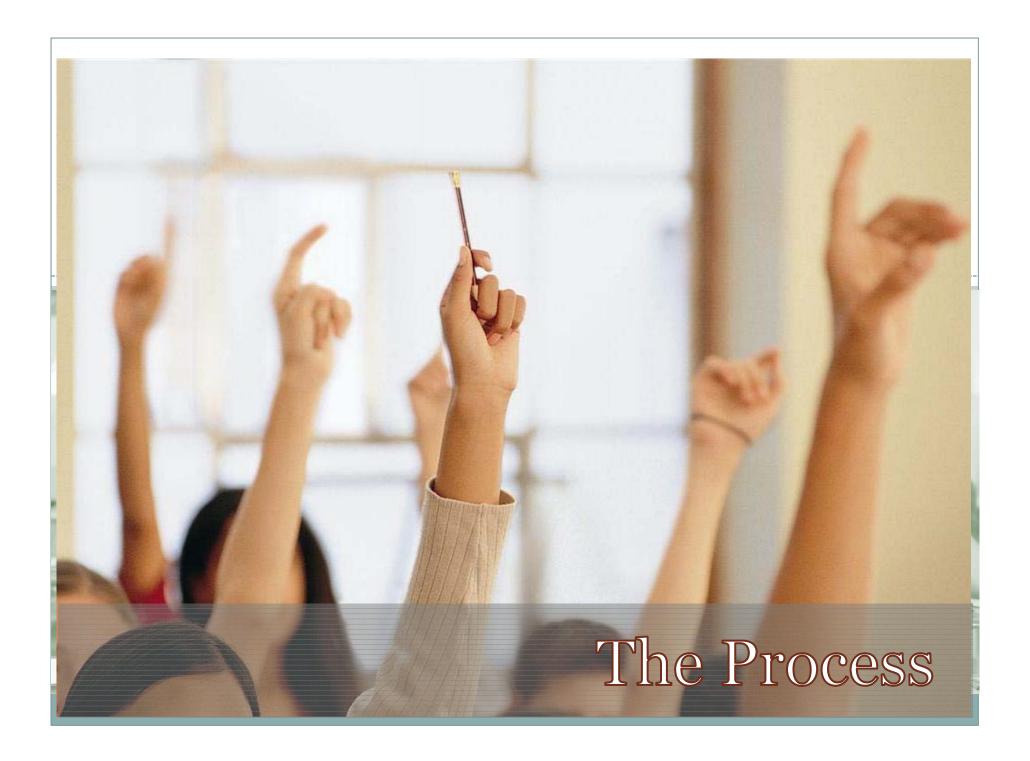




#### LONG-RANGE PLANNING COMMITTEE

# **AGENDA:**

- The Facilities Assessment Process
  - How is the information gathered?
  - Format of the Report
  - Review of Estimated Costs
- Questions?



# Complete a Facilities Assessment that would include the following:

- Examples of deficiencies in the districts facilities
- Recommendations for critical replacement of items that are close to or have surpassed their life expectancy
- Identify items that may be repairable warranty items
- Identify items that may be considered work order items completed by CFISD Maintenance
- Develop cost estimates for repairs and replacement needs
- Identify priorities and assign a schedule for replacement
- Include input from the Administration and Staff of Cy-Fair ISD

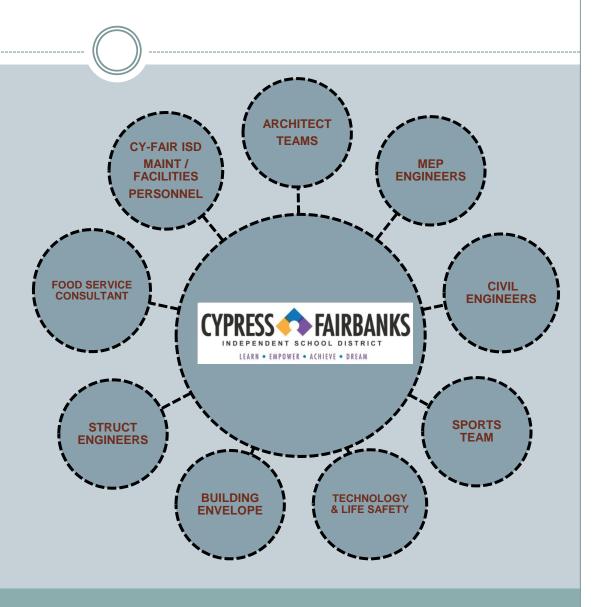
# **Multiple Meetings**

- Initial Kick-Off Meeting (with Key Administrators)
- Multiple Review Meetings (with Key Administrators)

#### How is the information gathered?

- Questionnaires are distributed to Maintenance Personnel and Program Directors for known deficiencies and problem areas, as well as district wide initiatives.
- Questionnaires are distributed to Principals and site based Stakeholders asking for known deficiencies and campus needs.
- Site assessment teams walked each facility (High Schools, Middle Schools, Elementary Schools & Support Facilities) and created a list of deficiencies and observations.
- Developed a database of work items to support findings.
- Teams re-walked schools as needed to confirm deficiencies and to confirm quantities for pricing.

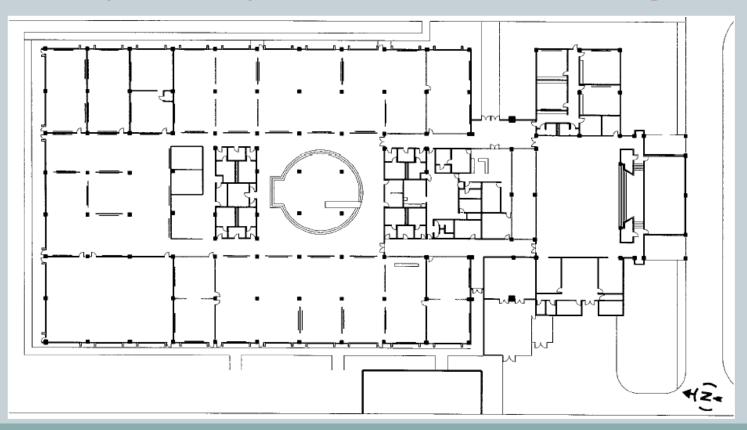
The Site
Assessment
Team



# Assessment Teams were given Aerials of every facility to document findings



# Assessment Teams were given floor plans of every facility to document findings



#### Criteria Used In The Evaluation

- Texas Education Agency (TEA) Requirements
- Building Code Requirements
- Age of Facility
- Age of System
- Current Condition vs. Expected Life
- Cy-Fair ISD Program/District Standards
- Cy-Fair ISD Priority Maintenance Schedule

#### **Database**

- •Microsoft Access based, so it is easy to maintain and update
- Organized by campus, priority and category
- •Started with 2007 Facilities Assessment Items that did not make it into the Bond (Future Considerations)

## **List of Disciplines**

Civil

**Architectural** 

**Building Envelope** 

Mechanical

**Electrical** 

**Plumbing** 

Technology

Fire, Life Safety and Security

Athletics/Activities

Food Service

Other

# **List of Category Codes**

ACO	Acoustical Treatment	EDF	Elec Drinking Fountain	LTG	Lighting	SF	Site Fencing
ADA	Accessibility	EG	Emergency Generator	МВТВ	Markerboard/Tackboard	SGN	Building Signage
ADD	Building Addition	ELE	Electrical	MECH	Mechanical	SOF	Exterior Soffit
AV	Audio/Visual Sound	EQ	Misc Equipment	MISC	Miscellaneous	SP	Site Paving / Sidewalks
BLC	Bleachers	ES	Exterior Soffit	MW	Millwork	STR	Structural/Foundation
BLD	Window Blinds	FA	Fire Alarm System	ОТН	Other	SU	Site Utilities
CNPY	Covered Walkway Canopy	FLR	Flooring-Carpet, Tile, etc	PA	Public Address	SWR	Shower
CLG	Ceiling	FSPR	Fire Sprinkler	PGE	Playground Equip	TECH	Technology
CLK	Clock	GRP	Building Graphics	PLB	Building Plumbing	TP	Toilet Partition
CODE	Code Compliance	HDW	Hardware	PTG	Painting	WDW	Window
CWK	Casework	HVAC	Heat, Vent & Air	REN	Renovation	WRE	Wall Repair-Exterior
DC	Display Case	INT	Interior Finish	RFM	Roof Maintenance	WRI	Wall Repair-Interior
DR	Door	IRR	Irrigation	RFR	Roof Replacement	WS	Waterproofing Sealant
EA	Educational Adequacy	LOC	Locker	SD	Site Drainage		
ED	Electrical Distribution	LS	Life Safety	SEC	Security / Surveillance		

# **List of Category Codes**

#### **CIVIL**

ACO						SF	Site Fencing
ADA							
ADD						SOF	Exterior Soffit
AV						SP	Site Paving / Sidewalks
BLC						STR	Structural/Foundation
BLD						SU	Site Utilities
CNPY				PA	Public Address	SWR	
CLG				PGE	Playground Equip	ТЕСН	
CLK							
CODE							
CWK							
DC		INT	Interior Finish				
DR		IRR	Irrigation	RFR	Roof Replacement	WS	Waterproofing Sealant
EA				SD	Site Drainage		
ED	Electrical Distribution	LS	Life Safety	SEC	Security / Surveillance		

# **List of Category Codes**

#### **ARCHITECTURAL**

ACO	Acoustical Treatment	EDF		LTG	Lighting	SF	Site Fencing
ADA	Accessibility	EG		МВТВ	Markerboard/Tackboard	SGN	Building Signage
ADD	Building Addition	ELE	Electrical	МЕСН	Mechanical	SOF	Exterior Soffit
AV	Audio/Visual Sound	EQ	Misc Equipment	MISC	Miscellaneous	SP	Site Paving / Sidewalks
BLC	Bleachers	ES	Exterior Soffit	MW	Millwork	STR	Structural/Foundation
BLD	Window Blinds	FA	Fire Alarm System	ОТН	Other	SU	
CNPY	Covered Walkway Canopy	FLR	Flooring-Carpet, Tile, etc	PA			
CLG	Ceiling	FSPR	Fire Sprinkler	PGE		TECH	Technology
		GRP	<b>Building Graphics</b>	PLB	Building Plumbing	TP	Toilet Partition
CODE	Code Compliance	HDW	Hardware	PTG	Painting	WDW	Window
CWK	Casework	HVAC	Heat, Vent & Air	REN	Renovation	WRE	Wall Repair-Exterior
DC	Display Case	INT	Interior Finish	RFM		WRI	Wall Repair-Interior
DR	Door	IRR	Irrigation	RFR		ws	Waterproofing Sealant
EA	Educational Adequacy	LOC	Locker	SD			

# **List of Category Codes**

#### **BUILDING ENVELOPE**

					SGN	Building Signage
			МЕСН	Mechanical	SOF	Exterior Soffit
			MISC	Miscellaneous	SP	
			MW	Millwork	STR	
BLD	Window Blinds	FA	ОТН	Other	SU	
CNPY	Covered Walkway Canopy	FLR				
					TP	Toilet Partition
					WDW	Window
			REN	Renovation	WRE	Wall Repair-Exterior
			RFM	Roof Maintenance	WRI	Wall Repair-Interior
			RFR	Roof Replacement	WS	Waterproofing Sealant

# **List of Category Codes**

#### **MECHANICAL**

ACO							
ADA				МВТВ	Markerboard/Tackboard		Building Signage
ADD				MECH	Mechanical		Exterior Soffit
AV				MISC	Miscellaneous		Site Paving / Sidewalks
BLC				MW	Millwork		Structural/Foundation
BLD				ОТН	Other		Site Utilities
CNPY							Shower
CLG							Technology
CLK	Clock	GRP					Toilet Partition
CODE	Code Compliance	HDW	Hardware	PTG			Window
CWK		HVAC	Heat, Vent & Air	REN			Wall Repair-Exterior
DC							Wall Repair-Interior
DR						ws	Waterproofing Sealant
EA							
ED	Electrical Distribution	LS	Life Safety	SEC	Security / Surveillance		

# **List of Category Codes**

#### **ELECTRICAL**

ACO	Acoustical Treatment	EDF	Elec Drinking Fountain	LTG	Lighting	SF	Site Fencing
ADA		EG	Emergency Generator	МВТВ			
ADD		ELE	Electrical	МЕСН	Mechanical		
AV				MISC	Miscellaneous	SP	
BLC				MW	Millwork		
BLD				ОТН	Other	SU	
CNPY							
CLG							
CLK	Clock	GRP					
CODE	Code Compliance	HDW					
CWK							
DC							
DR						WS	Waterproofing Sealant
EA	Educational Adequacy	LOC					
ED	Electrical Distribution	LS	Life Safety	SEC	Security / Surveillance		
ED	Electrical Distribution	LS	Life Safety	SEC	Security / Surveillance		

# **List of Category Codes**

#### **PLUMBING**

		EDF	Elec Drinking Fountain	LTG			
		ELE	Electrical	МЕСН	Mechanical		
		EQ	Misc Equipment	MISC	Miscellaneous	SP	
				MW	Millwork		
				ОТН	Other	SU	Site Utilities
		FLR	Flooring-Carpet, Tile, etc	PA		SWR	Shower
		FSPR	Fire Sprinkler	PGE	Playground Equip		
CLK	Clock	GRP		PLB	Building Plumbing	TP	
CODE	Code Compliance	HDW					
						WS	Waterproofing Sealant

# **List of Category Codes**

#### **TECHNOLOGY**

ACO							
ADA							
ADD	Building Addition	ELE	Electrical	МЕСН	Mechanical	SOF	
AV	Audio/Visual Sound	EQ	Misc Equipment	MISC	Miscellaneous	SP	
BLC				MW	Millwork	STR	
BLD				ОТН	Other	SU	
CNPY						SWR	Shower
CLG						TECH	Technology
						WS	Waterproofing Sealant
ED	Electrical Distribution	LS	Life Safety	SEC	Security / Surveillance		

## **List of Category Codes**

FIRE, LIFE SAFETY AND SECURITY

ACO	Acoustical Treatment	EDF	Elec Drinking Fountain	LTG	Lighting	SF	
ADA	Accessibility	EG	Emergency Generator	МВТВ			
		ELE	Electrical	МЕСН	Mechanical	SOF	
		EQ	Misc Equipment	MISC	Miscellaneous	SP	
		ES	Exterior Soffit	MW	Millwork	STR	
		FA	Fire Alarm System	ОТН	Other	SU	
		FLR	Flooring-Carpet, Tile, etc	PA	Public Address	SWR	
		FSPR	Fire Sprinkler	PGE			
CLK	Clock	GRP	<b>Building Graphics</b>	PLB			
CODE	Code Compliance	HDW	Hardware	PTG			
		HVAC	Heat, Vent & Air	REN			
						ws	Waterproofing Sealant
EA	Educational Adequacy	LOC	Locker	SD	Site Drainage		
ED	Electrical Distribution	LS	Life Safety	SEC	Security / Surveillance		

# **List of Category Codes**

#### ATHLETICS/ACTIVITIES

				LTG	Lighting	SF	Site Fencing
ADA	Accessibility	EG					
ADD	Building Addition	ELE	Electrical	МЕСН	Mechanical	SOF	Exterior Soffit
AV	Audio/Visual Sound	EQ	Misc Equipment	MISC	Miscellaneous	SP	Site Paving / Sidewalks
BLC	Bleachers	ES		MW	Millwork		
				ОТН	Other	SU	Site Utilities
					Public Address	SWR	Shower
				PGE	Playground Equip		
				PLB	<b>Building Plumbing</b>		
				PTG	Painting		
				REN	Renovation		
		INT	Interior Finish	RFM			
		IRR	Irrigation	RFR	Roof Replacement	ws	Waterproofing Sealant
		LOC	Locker	SD	Site Drainage		

# **List of Category Codes**

#### **FOOD SERVICE**

ACO							
ADA	Accessibility	EG	Emergency Generator	МВТВ	Markerboard/Tackboard		
ADD	<b>Building Addition</b>	ELE	Electrical	MECH	Mechanical		
AV		EQ	Misc Equipment	MISC	Miscellaneous		
BLC				MW	Millwork		
BLD				ОТН	Other		
CNPY							
CLG				PGE	Playground Equip		
CLK	Clock	GRP		PLB	<b>Building Plumbing</b>		
CODE	Code Compliance	HDW		PTG	Painting		
CWK				REN	Renovation		
DC							
DR						WS	Waterproofing Sealant
EA							
ED	Electrical Distribution	LS	Life Safety	SEC	Security / Surveillance		

#### **List of Source Codes**

FRP Facilities Review with District Personnel

FR Facilities Review

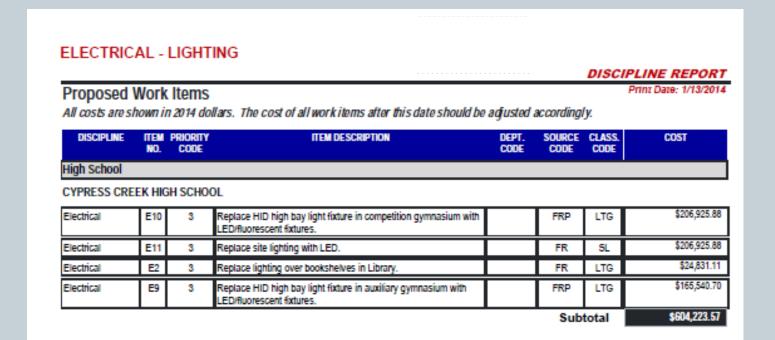
IFQ Instructional Facilites Questionnaire

MQ Maintenance Department Questionnaire

## **List of Priority Codes**

- 1. Must Do Legal, Safety Reason and Critical Replacements (Life Expectancy 1 to 3 years)
- 2. Should Do Curricular, Instructional, Program Need (Life Expectancy 3 to 6 years)
- 3. Would Like To Do Curricular, Instructional, and Program Enhancements– (Life Expectancy 6 to 10 years)
- 4. Future Consideration Not through bond funds at this time (Life Expectancy 10 plus years)

## **How to Read the Report**



# **Format of Facilities Information**

### CYPRESS SPRINGS HIGH SCHOOL



CYPRESS-FAIRBANKS ISD

7909 FRY RD CYPRESS, TEXAS 77433-3240



 ORIGINAL BUILDING COMPLETED:
 1997

 ADDITIONS COMPLETED:
 2005, 2009

 RENOVATIONS COMPLETED:
 2009

 BUILDING AREA:
 487,464
 SF

#### CYPRESS SPRINGS HIGH SCHOOL



CYPRESS-FAIRBANKS ISD



TOTAL ACRES: 59.774

#### CYPRESS SPRINGS HIGH SCHOOL



CYPRESS-FAIRBANKS ISD



#### CYPRESS SPRINGS HIGH SCHOOL

FACILITY SUMMARY REPORT

Print Date: 1/6/201

Proposed Work Items

All costs are shown in 2013 dollars. The cost of all work items after this date should be adjusted accordingly.

Priority	Total Cost
Priority - MP	\$0.00
Priority - 1	\$9,504,898.51
Priority - 2	\$61,005,981.99
Priority - 3	\$11,956,989.52
Priority - 4	\$0.00
Priority - BM	\$55,386.52
Priority - TBD	\$19.147.007.06

DISCIPLINE	Priority-MP	PRIORITY-1	PRIORITY-2	PRIORITY-3	PRIORITY-4	COST
Civil	\$0.00	\$0.00	\$309,421.88	\$402,248.44	\$0.00	\$711,670.31
Architectural	\$0.00	\$0.00	\$33,258,962.13	\$5,815,584.14	\$0.00	\$41,017,406.22
Building Envelope	\$0.00	\$5,979,577.73	\$8,424,010.55	\$0.00	\$0.00	\$14,403,588.28
Mechanical	\$0.00	\$0.00	\$6,054,612.54	\$513,640.31	\$0.00	\$6,568,252.85
Electrical	\$0.00	\$233,613.52	\$92,826.56	\$795,214.22	\$0.00	\$1,121,654.30
Plumbing	\$0.00	\$0.00	\$7,339,022.74	\$0.00	\$0.00	\$7,339,022.74
Technology	\$0.00	\$0.00	\$1,972,564.45	\$0.00	\$0.00	\$1,972,564.45
Fire, Life Safety, & Security	\$0.00	\$3,055,541.02	\$265,329.26	\$2,475,375.00	\$0.00	\$5,796,245.27
Sports	\$0.00	\$236,166.25	\$3,289,231.89	\$1,885,307.48	\$0.00	\$22,670,239.24
Food Service	\$0.00	\$0.00	\$0.00	\$69,619.92	\$0.00	\$69,619.92
Priority Totals	\$n.m	\$0 SOJ 808 S1	\$61,005,081,00	\$11 056 080 52	\$0.00	

Totals MP+P1 \$9,504,898.51

Totals MP+P1+P2 \$70,510,880.50

Totals MP+P1+P2+P3 \$82,467,870.02

Totals MP+P1+P2+P3+P4 \$82,467,870.02

#### CYPRESS SPRINGS HIGH SCHOOL

DISCIPLINE REPORT

Proposed Work Items

All costs are shown in 2013 dollars. The cost of all work items after this date should be adjusted accordingly.

DISCIPLINE	ITEM NO.	ITEM DESCRIPTION	PRIORITY CODE	SOURCE CODE	CLASS. CODE	TOTAL COST	
IVIL						\$711,670.3	
	C1	Eliminate erosion around drainage grates around practice fields.	1	IFQ	SD	\$0.0	
	C1	Provide new site drains in outdoor playground.	2	FR	SD	\$0.0	
	C2	Provide new size areas in consider playground.  Provide connecting drive from back parking lot to the bus loop behind Greenhouse Road to Andre Elementary School.		IFQ	SP	\$0.0	
	C2	Install pavement joint sealant.	2	FR	SP	\$309,421.8	
C3		Provide new site drains in outdoor playground.		FR	SD	\$0.0	
	C4	Erosion around grate inlets around football fields		IFQ	SD	\$0.0	
	C3	Perform miscellaneous paving repairs.	3	FR	SP	\$46,413.2	
	C4	Restrip all existing povement.	3	FR	SP	\$309,421.8	
	C5	Misc. Paving Repairs	3	FR	SP	\$46,413.2	
	C5	Provide connecting drive from back parking lot to the bus loop behind Greenhouse Road to Andre Elementary School.	4	IFQ	SP	\$0.0	
RCHITECTUR	AL					\$41,017,406.2	
	A1	Provide automatic electric hand dryers at all restrooms.	2	IFQ	EQ	\$185,653.1	
	A1	Provide two (2) new ice machines in Athletics.	2	MQ	EQ	\$27,229.1	
	A2	Provide new clothes washer and dryer in Athletics (see Maintenance Department Questionnaire).	2	FR	EQ	\$51,054.6	
	A2	Provide new clothes washer and dryer in Athletics; two (2) sets (see Maintenance Department Questionnaire).	2	FR	EQ	\$109,844.7	
	A3	Replace all door hardware throughout entire facility (see Maintenance Department Questionnaire).	2	FR	HDW	\$906,606.0	
	A3	Replace all door hardware throughout entire facility (see Maintenance Department Questionnaire).	2	FR	HDW	\$906,606.0	
	A4	Replace lockers in vocational and drill team areas (see Maintenance Department Questionnaire).	2	FR	LOC	\$55,695.9	
	A4	Replace lockers in vocational and drill team areas (see Maintenance Department Questionnaire).	2	FR	LOC	\$55,695.9	
	A5	Provide new non-slip floor coating around Natatorium (include repair of deck drainage issue).	2	MQ	FLR	\$54,148.8	
	A5	Provide new non-slip floor coating around pool and locker rooms (include repair of deck drainage issue). (See Instructional Facilities Questionnaire.)	2	MQ	FLR	\$100,562.1	
	A6	Replace viryl file carpet and base throughout facility. (See Instructional Facilities Questionnaire)	2	FR	FLR	\$2,212,366.4	
	A6	Replace viryl file carpet and base throughout facility. (See Instructional Facilities Questionnaire)	2	FR	FLR	\$2,212,366.4	
	A7	Sand and refinish wood floor in the Competition Gym (see Instructional Facilities Questionnaire).	2	FR	FLR	\$105,976.9	
	A7	Construct additional Large Group Instructional Area.	2	IFQ	ADD	\$1,253,158.5	
A8 A8 A9	A8	Replace existing casework in Administration, Library (shelving and circulation desk) and Academic Areas.		FR	CWK	\$1,333,608.2	
	A8	Provide new dishwasher in Teacher's Lounge.	2	IFQ	EQ	\$1,547.1	
	A9	Renovate Men's and Women's Athletic Offices (include ADA accessible restroom, shower, lockers, and casework).		IFQ	REN	\$371,306.2	
	A9	Paint underneath roof deck and structure at gyms.	2	FR	PTG	\$38,677.7	
	A10	Replace Competition Gym wood floor. (See Instructional Facilities Questionnaire)	2	FR	FLR	\$306,513.3	



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#### Facilities Needs by Priority

Priority One Items

Priority Two Items

Priority Three Items

Priority Four Items

*■ ADA/Asbestos/Emergency*

\$39,619,527.04

\$468,617,979.31

\$370,731,382.72

\$218,383,561.83

\$ 15,000,000.00

**Total Projected Costs:** 

\$1,112,352,450.90

#### ASSET PROTECTION

- Protecting Investment
- Maintaining the Learning Environment

# • PROGRAM/BUILDING ENHANCEMENT

- Enhances the Facility
- Enhances a Program



#### • Facilities Needs by Discipline

TOTALS: Priority	1	2	3	4
CIVIL	\$19,086.84	\$41,521,296.59	\$30,052,193.03	\$27,099,013.10
ARCH	\$2,190,931.24	\$193,301,317.86	\$151,441,376.30	\$162,290,228.65
BUILDING ENVELOPE	\$26,191,348.46	\$13,452,433.48	\$44,640,247.32	\$2,770,489.21
MECHANICAL	\$303,767.19	\$107,153,065.21	\$19,446,943.76	\$91,047.39
ELECTRICAL	\$1,274,663.41	\$13,659,452.06	\$30,901,082.44	\$3,530,652.12
PLUMB	\$107,601.46	\$12,590,943.11	\$2,431,792.93	\$359,223.33
FIRE, LIFE SAFETY	\$5,954,793.75	\$20,180,898.27	\$1,603,096.17	\$16,630,416.03
ATHLETIC	\$0.00	\$18,501,860.30	\$80,905,634.87	\$2,026,880.37
FOOD	\$2,896,962.30	\$43,711,022.66	\$7,372,355.21	\$0.00
LOW VOLTAGE	\$680,372.39	\$4,545,689.77	\$1,936,660.69	\$3,585,611.63
TOTALS	\$39,619,527.04	\$468,617,979.31	\$370,731,382.72	\$218,383,561.83

#### Priority One Items

- MEP System replacements Life Expectancy 1-3 years
- Building Envelope Items such as roof replacements
- Life Safety Items
- Critical Replacements- flooring, walls



#### Priority Two Items

- MEP System replacements Life Expectancy 3-6 years
- Building Envelope Items such as window replacements
- Life Safety Items
- Critical Replacements- flooring, walls
- Restroom Renovations
- Locker Room Renovations
- Kitchen Renovations
- Tracks at all Middle Schools
- Press box upgrades at MS and HS

#### Priority Three Items

- MEP System replacements Life Expectancy 6-10 years
- Building Envelope Items such as waterproofing and sealants
- New lighting control systems
- Program Enhancements such as:
  - ▼ Floor replacements at Dance Rooms
  - Culinary Arts Facilities at all High Schools
  - Field Event upgrades at Middle Schools
  - Athletic Field Upgrades at High Schools

#### Priority Four Items

- MEP System replacements Life Expectancy 10+ years
- Program Enhancements such as:
  - Additional Large Group Instruction Rooms
  - Added staff restrooms
  - Additional storage
  - Additional Parking

#### **ARCHITECTURAL**





**LOCKERS** 

**BLEACHERS** 

#### **ARCHITECTURAL**





**CHALKBOARDS** 

**FLOORING** 

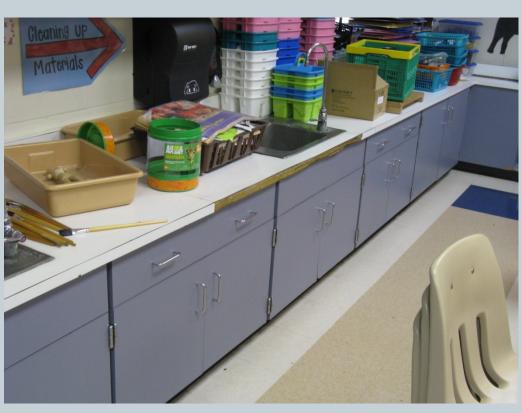
#### **ARCHITECTURAL**



**DOORS & HARDWARE** 

#### **ARCHITECTURAL**





**MILLWORK** 

#### **ARCHITECTURAL**

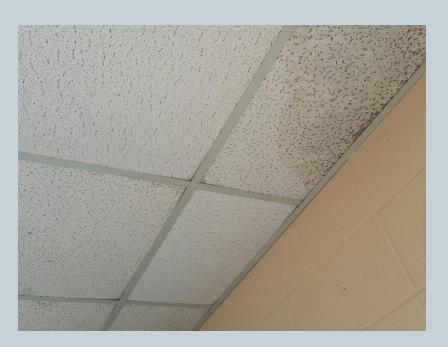




BAND INSTRUMENT STORAGE

#### **ARCHITECTURAL**





**CEILING** 

#### **ARCHITECTURAL**





STRUCTURAL / BUILDING MOVEMENT

#### **BUILDING ENVELOPE**





**MASONRY** 

ROOF

#### **BUILDING ENVELOPE**





WINDOW SEALANTS

**SKYLIGHTS** 

#### **MECHANICAL**



**COOLING TOWERS** 

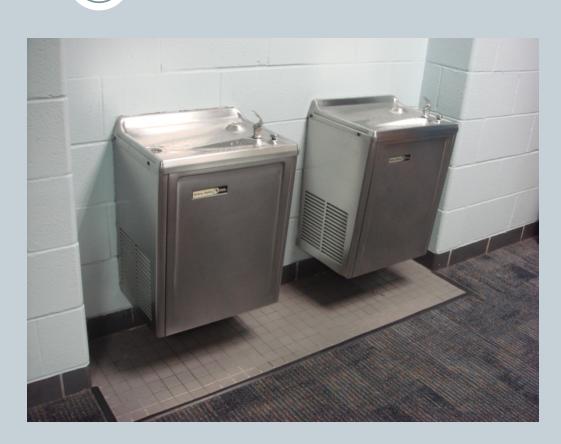


AIR HANDLING UNITS

#### **PLUMBING**



PLUMBING FIXTURES



**DRINKING FOUNTAINS** 

#### **ELECTRICAL**



ELECTRICAL SWITCHGEAR



**OUTLETS** 

#### **ELECTRICAL**





**LIGHTING** 

**CIVIL** 





PAVING DRAINAGE

### Facilities Needs by Category

- Priority One Items
  - Mechanical System Upgrades and Replacements
    - o 1 Elementary Schools Francone
    - o 0 Middle Schools
    - o 0 High Schools
    - 2 Support Facilities Early Learning Center 1, Early Learning Center 2

TOTAL PROJECTED COSTS: \$303,767.19

#### Facilities Needs by Category

- Priority One Items
  - Mechanical System Upgrades and Replacements EXAMPLES:
    - o New Chillers Life Expectancy 1-3 years
    - o New Cooling Towers Life Expectancy 1-3 years
    - o Building Management System Replacements
    - New Exhaust Fans

## Facilities Needs by Category

- Priority Two Items
  - Mechanical System Upgrades and Replacements
    - o 35 Elementary Schools Adam, Andre, Ault, Bane, Bang, Birkes, Copeland, Emmott, Farney, Fiest, Francone, Gleason, Hairgrove, Hamilton, Hancock, Holbrook, Holmsley, Horne, Jowell, Kirk, Lee, Lieder, Lowery, Matzke, Metcalf, Millsap, Moore, Owens, Post, Reed, Sampson, Sheridan, Walker, Willbern, Wilson
    - o 11 Middle Schools Aragon, Bleyl, Cook, Goodson, Hamilton, Kahla, Labay, Spillane, Thornton, Truitt, Watkins
    - 9 High Schools Cy-Creek, Cy-Fair, Cy-Falls, Cy-Lakes, Cy-Ridge, Cy-Springs, Cy-Woods, Jersey Village, Langham Creek
    - 14 Support Facilities Windfern High School, ABC/ALC East, Arena, Cy-Fair Annex, Distribution Ct / Windfern Annex, ELC 1 - Falcon Rd., ELC 2 - Smokey Trail, Food Production Center/Freezer, Maintenance Ctr, Pridgeon Stadium, Science Resource Center, Transportation–Barker, Transportation-Falcon

**TOTAL PROJECTED COSTS:** \$107,153,065.21

#### Facilities Needs by Category

- Priority Two Items
  - Mechanical System Upgrades and Replacements EXAMPLES
    - o New Chillers Life Expectancy 3-6 years
    - o New Cooling Towers Life Expectancy 3-6 years
    - o Building Management System Replacements
    - New Air Handling Units
    - o Increased Ventilation in Educational Spaces

#### Facilities Needs by Category

- Priority One Items
  - Building Envelope Items
    - o 8 Elementary Schools Adam, Ault, Copeland, Millsap, Reed, Robison, Sheridan, Willbern
    - o 2 Middle Schools Hamilton, Thorton
    - o 2 High Schools Cy-Creek & Cy-Springs
    - o 1 Support Facilities Arena/Exhibit Center

**TOTAL PROJECTED COSTS:** \$26,191,348.46

- Facilities Needs by Category
  - Priority One Items
    - Building Envelope Items

#### **EXAMPLES**:

- o Roof Replacements 1-3 years
- o Window Replacements

#### Facilities Needs by Category

- Priority Two Items
  - Building Envelope Items
    - 28 Elementary Schools Adam, Ault, Bane, Bang, Copeland, Duryea, Emmott, Fiest, Francone, Frazier, Hairgrove, Hamilton, Hancock, Holmsley, Horne, Jowell, Lieder, Lowery, Matzke, Metcalf, Millsap, Reed, Robison, Sheridan, Tipps, Willbern, Wilson, Yeager
    - o 8 Middle Schools Aragon, Arnold, Campbell, Cook, Hamilton, Labay, Thornton, Truitt
    - o 4 High Schools Cy-Ridge, Cy-Springs, Jersey Village, Langham Creek
    - 6 Support Facilities Arena, Maintenance Ctr, ALC West, Windfern High School, AG Ctr — Telge, Science Resource Center

**TOTAL PROJECTED COSTS:** \$13,452,433.48

### Facilities Needs by Category

- Priority Two Items
  - ➤ Building Envelope Items

#### **EXAMPLES:**

- o Roof Replacements 3-6 years
- o Window Replacements
- Skylight and Metal Roof Replacements

#### Facilities Needs by Category

- Priority One Items
  - ★ Life Safety Systems
    - o 4 Elementary Schools Bang, Metcalf, Reed, Sheridan
    - o 2 Middle Schools Hamilton, Thornton
    - o 2 High Schools Cy-Falls, Langham Creek
    - 9 Support Facilities Windern, Food Production/Freezer, SRC, Transportation-Barker, Transportation-Falcon, Transportation-Telge

**TOTAL PROJECTED COSTS:** \$5,954,793.75

- Facilities Needs by Category
  - Priority One Items
    - ★ Life Safety Systems

#### **EXAMPLES**:

- o New Fire Alarm Systems
- o Improved Emergency Lighting
- New Generators

#### Facilities Needs by Category

- Priority Two Items
  - ★ Life Safety Systems
    - o 6 Elementary Schools Aragon, Cook, Labay, Thornton, Truitt, Watkins
    - 12 Middle Schools Copeland, Fiest, Hairgrove, Hamilton, Hancock, Holmsley, Horne, Lieder, Lowery, Matzke, Sheridan, Wilson.
    - o 3 High Schools Cy-Falls, Cy-Springs, Langham Creek
    - 4 Support Facilities Food Production, ISC, Pridgeon Stadium, Transportation-Barker

**TOTAL PROJECTED COSTS:** \$20,180,898.27

### Facilities Needs by Category

- Priority Two Items
  - ★ Life Safety Systems

#### **EXAMPLES:**

- o Upgrades to Fire Alarm Systems
- o System Replacements due to age
- o Additional Exit Lighting

#### Facilities Needs by Category

- Priority One Items
  - ▼ Electrical Upgrades and Replacements
    - o 0 Elementary Schools
    - o 2 Middle Schools Aragon, Thornton, Sheridan
    - o 0 High Schools
    - 3 Support Facilities Early Learning Center 2,
       Instructional Support Center, Transportation-Eldridge

TOTAL PROJECTED COSTS: \$1,274,663.41

- Facilities Needs by Category
  - Priority One Items
    - ▼ Electrical Upgrades and Replacements
       EXAMPLES:
      - o New Lights
      - o New Switchgear and Panels

### Facilities Needs by Category

- Priority Two Items
  - Electrical Upgrades and Replacements
    - o 16 Elementary Schools Ault, Bane, Black, Danish, Fiest, Hairgrove, Hamilton, Hancock, Horne, Lamkin, Lee, Lowery, Matzke, Millsap, Walker, Willbern
    - 10 Middle Schools Aragon, Arnold, Bleyl, Campbell, Cook, Hamilton, Labay, Thornton, Truitt, Watkins
    - 6 High Schools Cy-Creek, Cy-Fair, Cy-Falls, Cy-Ridge, Jersey Village, Langham Creek
    - 16 Support Facilities Ag Ctr–Eldridge, Ag Ctr–Telge, Distribution Ctr / Windfern Annex, Falcon Annex, Food Production Ctr, Instructional Support Ctr, Maintenance Ctr, Pridgeon Stadium, Science Resource Ctr, Transportation-Barker, Transportation-Falcon, Transportation-Telge, Arena, Cy-Fair Annex

**TOTAL PROJECTED COSTS:** \$13,659,452.06

### Facilities Needs by Category

- Priority Two Items
  - ★ Electrical Upgrades and Replacements
     FXAMPLES:
    - o Panel Replacements
    - o Additional Electrical Outlets
    - o Lighting Replacements
    - Site Lighting

#### Facilities Needs by Category

- Priority One Items
  - Architectural Upgrades and Replacements
    - o 4 Elementary Schools Adam, Hancock, Matzke, Reed
    - o 1 Middle Schools Labay
    - o 1 High Schools Cy-Falls
    - o 1 Support Facilities Transportation-Barker Cypress

**TOTAL PROJECTED COSTS:** \$2,190,931.21

- Facilities Needs by Category
  - Priority One Items
    - Architectural Upgrades and Replacements

#### **EXAMPLES**:

- New Toilet Partitions
- Structural Concerns

#### Facilities Needs by Category

- Priority Two Items
  - Architectural Upgrades and Replacements
    - 33 Elementary Schools Adam, Andre, Ault, Bane, Bang, Copeland, Emmott, Farney, Fiest, Francone, Frazier, Hairgrove, Hamilton, Hancock, Holbrook, Holmsley, Horne, Jowell, Lieder, Lowery, Matzke, Metcalf, Millsap, Moore, Owens, Post, Reed, Sampson, Sheridan, Walker, Willbern, Wilson, Yeager
    - o 15 Middle Schools Aragon, Arnol, Bleyl, Campbell, Cook, Dean, Goodson, Hamilton, Hopper, Kahla, Labay, Spillane, Thornton, Truitt, Watkins
    - 9 High Schools Cy-Creek, Cy-Fair, Cy-Lake, Cy-Ridge, Cy-Springs, Cy-Woods, Jersey Village, Langham Creek, Windfern
    - 18 Support Facilities DBC/ALC East, AG Farm, Carlton Ctr, Cy-Fair Annex, Windfern Admin Annex, ELC1, ELC2, SERS, Food Production Ctr, ISC, ICS West, Maintenance/Operations Ctr, SRC, Transportation-Barker, Transportation-Eldridge, Transportation-Falcon, Transportation-Telge

**TOTAL PROJECTED COSTS:** \$193,301,317.86

#### Facilities Needs by Category

- Priority Two Items
  - Architectural Upgrades and Replacements
    FXAMPLES:
    - o Flooring Replacements
    - o Restroom Renovations
    - o Casework Replacement
    - o Ceiling Replacements
    - o Door Replacements

#### Facilities Needs by Category

- Priority One Items
  - ★ Athletics/Activities Upgrades and Replacements
    - o 0 Elementary Schools
    - o 0 Middle Schools
    - o 0 High Schools
    - o 0 Support Facilities

TOTAL PROJECTED COSTS: \$0.00

#### Facilities Needs by Category

- Priority Two Items
  - Athletic/Activities Upgrades and Replacements
    - o 0 Elementary Schools
    - 18 Middle Schools Anthony, Aragon, Arnold, Bleyl, Campbell, Cook, Dean, Goodson, Hamilton, Hopper, Kahla, Labay, Salyards, Smith, Spillane, Thornton, Truitt, Watkins
    - o 9 High Schools Cy-Creek, Cy-Fair, Cy-Falls, Cy-Lakes, Cy-Ridge, Cy-Springs, Cy-Woods, Jersey Village, Langham Creek
    - 1 Support Facilities Pridgeon Stadium

TOTAL PROJECTED COSTS: \$18,501,860.30

#### Facilities Needs by Category

- Priority Two Items
  - ★ Athletics/Activities Upgrades and Replacements
    EXAMPLES:
    - o Tracks at Middle Schools
    - o Pressbox Replacements
    - Locker Room Renovations

#### Facilities Needs by Category

- Priority One Items
  - Civil Upgrades and Replacements
    - o 1 Elementary Schools Wilbern
    - o 0 Middle Schools
    - o 0 High Schools
    - o 1 Support Facilities ELC 1 Falcon Rd.

TOTAL PROJECTED COSTS: \$19,086.84

### Facilities Needs by Category

- Priority One Items
  - × Civil Upgrades and Replacements

    EXAMPLES:
    - o Drainage Corrections
    - o Parking Replacements- Paving Failure
    - Sidewalk Additions for ADA access

#### Facilities Needs by Category

- Priority Two Items
  - Civil Upgrades and Replacements
    - o 18 Elementary Schools Adam, Andre, Bane, Black, Danish, Emmott, Hancock, Holmsley, Horne, Jowell, Lieder, Lowery, Post, Reed, Swenke, Tipps, Warner, Willbern
    - o 10 Middle Schools Arnold, Bleyl, Cook, Dean, Goodson, Hopper, Kahla, Labay, Spillane, Thornton
    - o 8 High Schools Cy-Creek, Cy-Fair, Cy-Falls, Cy-Lakes, Cy-Springs, Cy-Woods, Jersey Village, Langham Creek
    - 9 Support Facilities Falcon Annex, Food Production Ctr/ Freezer, Pridgeon Stadium, Science Resource Ctr, Transportation-Barker, Transportation-Falcon, Transportation-Telge

**TOTAL PROJECTED COSTS:** \$41,521,296.59

#### Facilities Needs by Category

- Priority Two Items
  - × Civil Upgrades and Replacements

    EXAMPLES:
    - o Drainage Improvements
    - o Paving and Striping of Parking Lots- Critical
    - Sidewalk Additions and Replacement
    - o Erosion Control

#### Enhancements

- Wood floors in Dance Rooms
- o Culinary Arts Facilities at all High Schools
- o Improvements to Athletic Facilities
  - Artificial Turf
  - Dugout and Bull Pen Improvements
  - Additional Athletic Field Netting
- Additional Storage
- Additional Large Group Instruction Rooms

#### Major Renovations

- Included in 2004 and 2007 Bonds
- Renovation of Entire Facility for Extended Life
- o Campuses for Consideration:

GROUP 1 GROUP 2

Adam ES Francone ES

Bane ES Lieder ES

Watkins MS Millsap ES

Yeager ES

#### REVIEW

#### Facilities Needs by Priority

Priority One Items

Priority Two Items

Priority Three Items

Priority Four Items

ADA/Asbestos/Emergency

\$39,619,527.04

\$468,617,979.31

\$370,731,382.72

\$218,383,561.83

\$ 15,000,000.00

#### **Total Projected Costs:**

\$1,112,352,450.90

**Questions?** 



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