



2014 Proposed Bond

Public Hearing
August 12, 2014





Planning for Long-term Growth and Renewal

2014 Bond Proposal Overview

- \$484 million for District-wide capital needs through 2019
- No tax rate increase
- Prioritized needs developed through extensive community engagement



Fort Bend ISD is the 7th largest district in Texas with 72,317 Projected Enrollment



- Economy continues to improve, positive job opportunities
- FBISD enrollment projections
 - Five-year projections in 2018 = 77,764 (+5,447)
 - Ten-year projections in 2023 = 84,996 (+12,679)



Planning for Long-term Growth and Renewal



Facilities Master Plan



Safety and Security Plan



Technology Plan



Facilities Master Plan

January 2013

Board hired Jacobs Engineering to conduct comprehensive Facilities Needs Assessment



August 2013 – April 2014

Engaged community steering committee, held community meetings and used survey data to develop recommendations for a FBISD Facilities Master Plan; Board approved on April 21, 2014



Safety and Security Plan

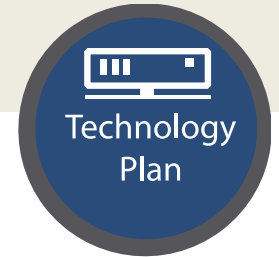


April 2014 – August 2014

- Developed a comprehensive plan based on best practices.
- Engaged the community to provide feedback and discussion concerning the plan.



Technology Plan

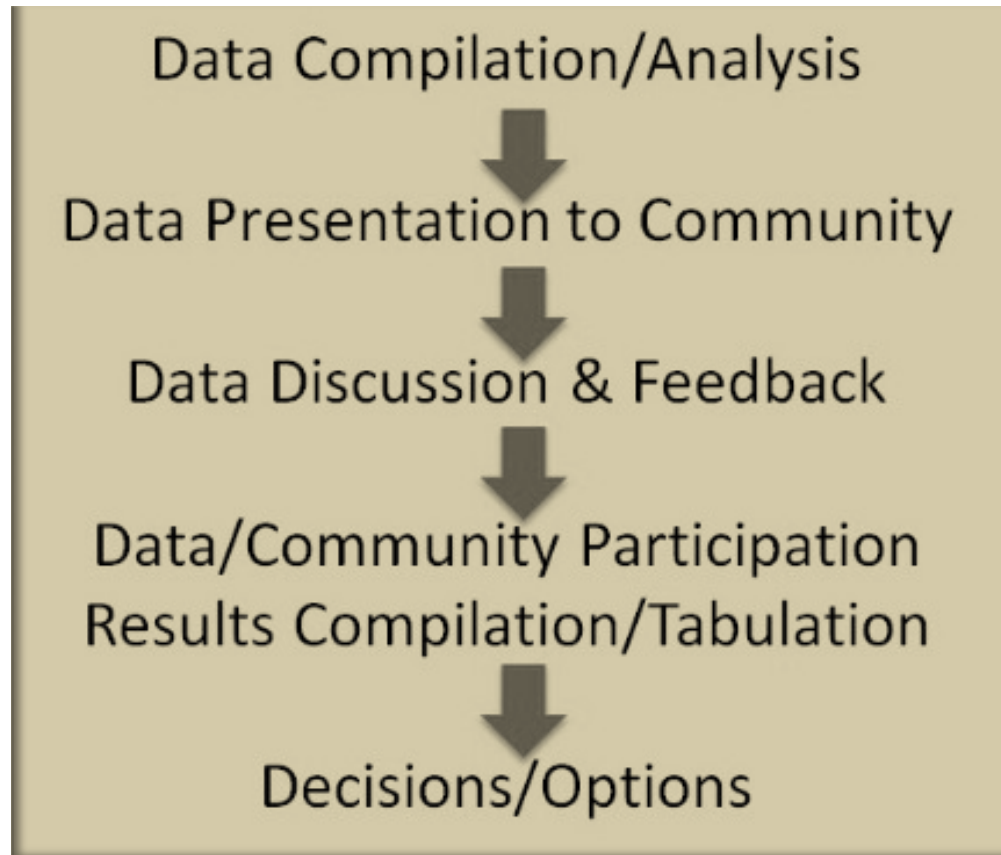


March 2014 – May 2014

- Hired Education Partners Solution, Inc. (EPS), a technology consulting firm to conduct a technology needs assessment.
- Engaged Technology Steering Committee to provide feedback concerning the plan
- Developed plan based on best practices and industry standards

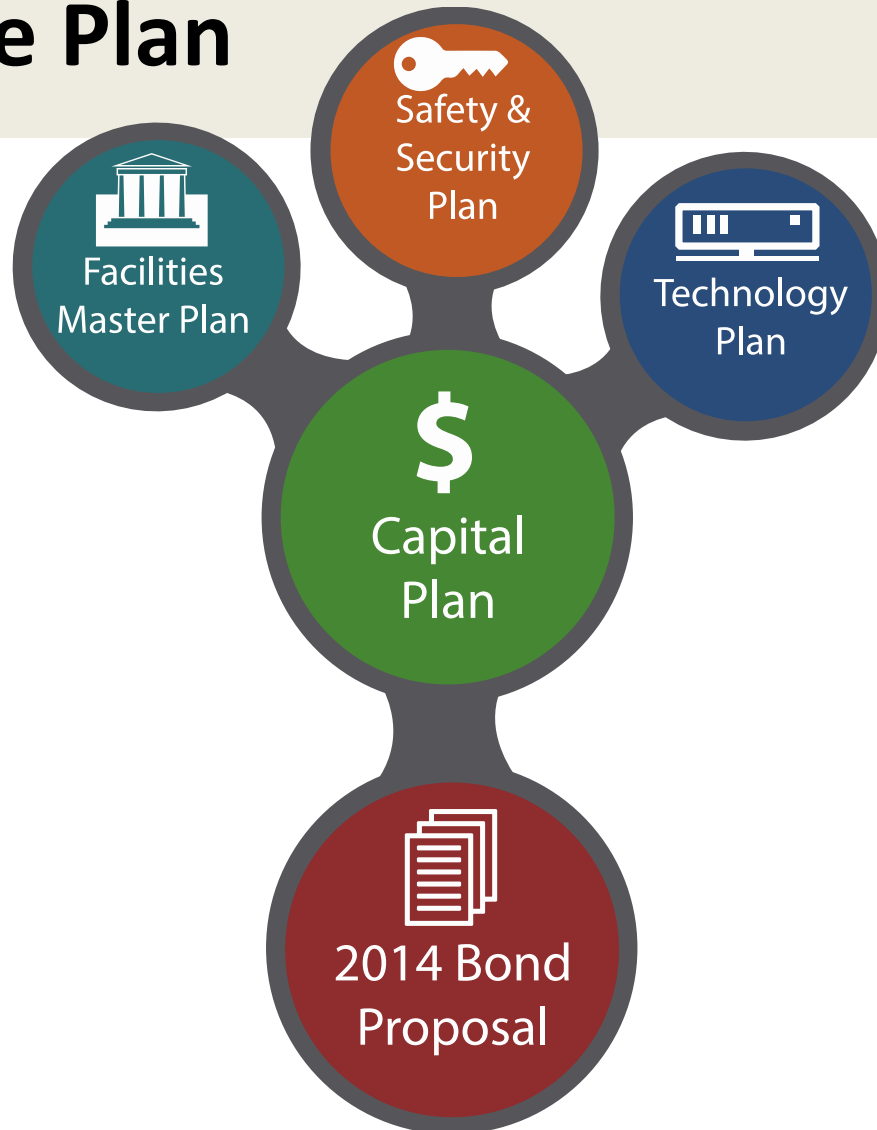


Community Engagement





Building the Plan





FBISD Facilities Master Plan



Goals of Facilities Plan:

- Proactive planning to avoid overcrowded schools and overreliance on portable buildings
- Board policy to manage growth and provide stability in school boundary planning
- Support use of existing schools



FBISD Safety and Security Plan



Goals of Safety and Security Plan:

- **Priority One:** ensure the safety and security of all students and staff.
- Close gaps related to safety and security.
- Ensure consistent safety and security best practices district-wide.



FBISD Technology Plan

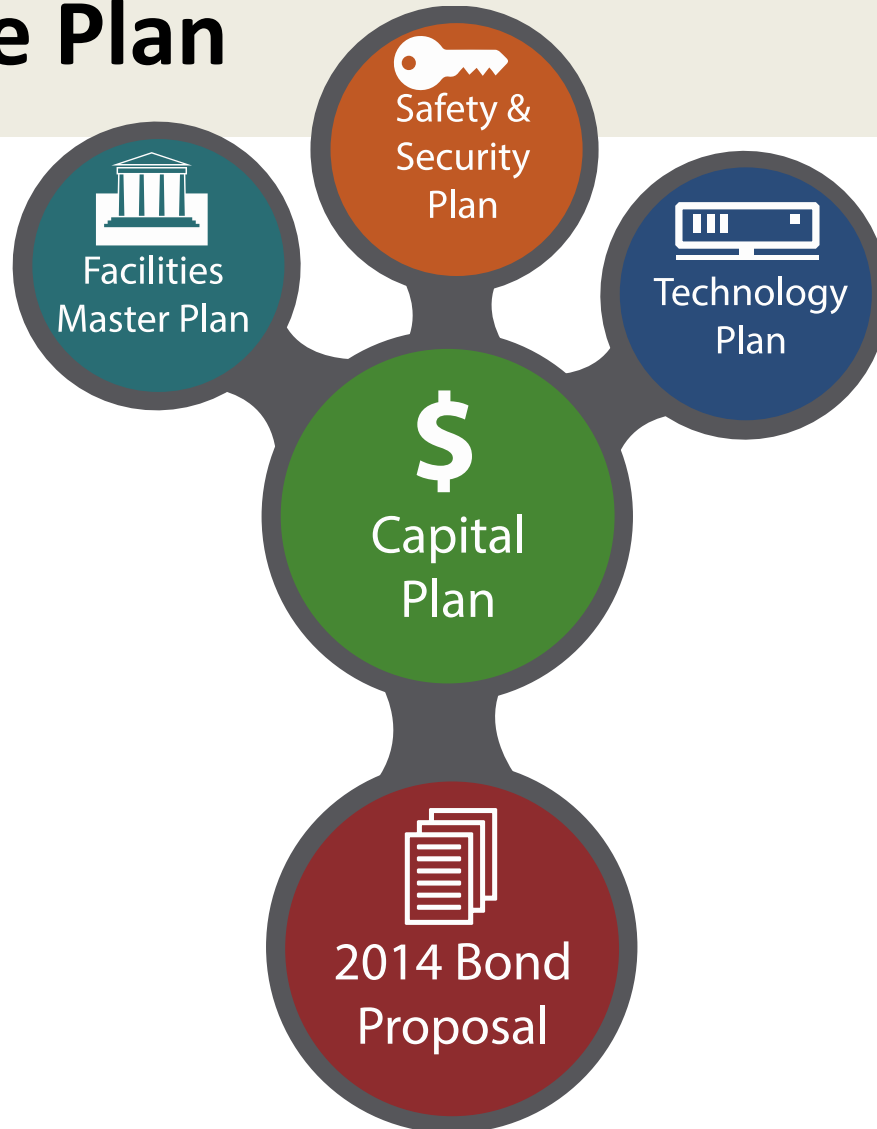


Goals of Technology Plan:

- Address infrastructure priorities and support safety and security needs.
- Support district planning for technology backbone that is scalable and effective.
- Build firm foundation for use of technology for instruction.



Funding the Plan





Capital Needs Prioritization

Phase I – 2014-2019	\$611.6M
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Phase II – 2019-2023	\$559.1M
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Total Capital Plan	\$1,171M
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2014 Capital Plan



Fort Bend ISD Capital Plan Plan Summary by Phase as of August 12, 2014

Description (\$M)	Phase 1	Phase 2	Total
Construction Total	\$452.1	\$506.6	\$958.7
Safety and Security Total	\$30.1	\$7.9	\$38.0
Transportation Total	\$18.9	\$16.5	\$35.4
Technology Total	\$70.7	\$5.0	\$75.7
Total Other Items	\$39.8	\$23.1	\$62.9
Total Capital Requirements	\$611.6	\$559.1	\$1,170.7



Fort Bend ISD Capital Plan

Fort Bend ISD Capital Plan

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Phase 1 by Funding Source



Description	\$M	Proposed		Total
		2014 Bond Program	Other Funds	Phase One Capital Plan
Construction Total		\$365.4	\$86.6	\$452.1
Safety and Security Total		\$26.9	\$3.2	\$30.1
Transportation Total		\$15.9	\$3.0	\$18.9
Technology Total		\$39.4	\$31.3	\$70.7
Other Capital Items		\$36.5	\$3.3	\$39.8
Total Capital Requirements		\$484.2	\$127.4	\$611.6



Available Capital Funds

Positions	Balance (\$K)
1999 & Prior Bond Contingency	\$311
2003 Bond Contingency	8,771
2007 Bond Contingency*	24,767
2014 General Fund Contribution Estimate	22,000
2007 Unissued but Authorized Debt**	63,000
Total Available Funds	\$118,849
* Can change as projects are completed	
** Allocated for buses, ES 46 and MS 15	



Construction Summary

Fort Bend ISD Capital Plan

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Phase 1 by Funding Source



		<div> <div>Proposed 2014 Bond Program</div> <div>Other Funds</div> <div>Total Phase One Capital Plan</div> </div>		
Description	\$M			
New Construction and Classroom Additions		\$222.4	\$86.2	\$308.6
Current Facility Deficiencies		\$117.7	\$0.3	\$118.0
Facility Life-Cycle Needs		\$25.3	\$0.1	\$25.4
Construction Total		\$365.4	\$86.6	\$452.1



Construction Considerations

- Policy/Program Changes Affecting Building Usage
- Boundary Study
- Demographic Updates
- State Mandates
- Estimates & Potential Cost Escalation
- Locally adopted Educational Specifications



Construction Detail

Fort Bend ISD Capital Plan New Construction and Classroom Additions Detail - Phase 1 Only

School	Location	Estimated Year Needed	Estimated Cost Phase 1	2014 Bond Proposal	Other Capital Funds
Elementary 46	Aliana	2015-16	\$28.2		\$28.2
Elementary 47	Riverstone	2015-16	\$43.0	\$43.0	
Elementary 48	TBD	2015-16	\$30.4	\$30.4	
Elementary 49	TBD	2016-17	\$30.4	\$30.4	
Elementary 50	TBD	2017-18	\$32.7	\$32.7	
Middle School 15	TBD	2017-18	\$58.0		\$58.0
Elementary Classrooms	TBD	2015-17	\$26.4	\$26.4	
Career & Tech Improvements	TBD	2017-18	\$59.4	\$59.4	
Total \$M			\$308.6	\$222.4	\$86.2



Elementary School Capacity Analysis

2014 Bond Oversight Committee Elementary School Capacity Analysis

With New Schools Only (No Additions)

Year	Permanent Elementary Capacity	Actual or Projected Enrollment	Net Change in Enrollment	Net Seats	Percent Utilization
2013-14	31,534	31,710		(176)	100.56
2014-15	31,534	32,413	703	(879)	102.79
2015-16	32,384	33,395	982	(1011)	103.12
2016-17	33,584	34,217	822	(633)	101.88
2017-18	35,284	35,172	955	112	99.68
2018-19	36,134	36,267	1,095	(133)	100.37
2019-20	36,984	37,344	1,077	(360)	100.97



Elementary School Capacity Analysis

2014 Bond Oversight Committee Elementary School Capacity Analysis

With New Schools And New Additions

Year	Permanent Elementary Capacity	Actual or Projected Enrollment	Net Change in Enrollment	Net Seats	Percent Utilization
2013-14	31,534	31,710		(176)	100.56
2014-15	31,534	32,413	703	(879)	102.79
2015-16	32,384	33,395	982	(1011)	103.12
2016-17	34,224	34,217	822	7	99.98
2017-18	36,604	35,172	955	1432	96.09
2018-19	37,654	36,267	1,095	1387	96.32
2019-20	38,504	37,344	1,077	1160	96.99



Building Deficiencies, Educational Adequacy & Life Cycle Forecast

Construction Detail (\$M)

Priority 1 Building Deficiencies

\$25.7

Priority 2 Building Deficiencies

\$92.3

Definition: Priority 1: Mission critical concerns; these items may affect the school's ability to remain open or deliver the curriculum, such as HVAC repairs.
Priority 2: Indirect Impact to Educational Mission; these items may progress to Priority 1 items if not addressed in the near term, such as roof repairs.

\$118.0

Life Cycle Forecast Year 1

\$4.4

Life Cycle Forecast Year 2

\$21.0

Definition: The projection of future building system costs based upon each system's expected serviceable life.

\$25.4



Safety and Security Considerations



- State Mandates
- Technology Evolution
- Estimates & Potential Cost Escalation



Security Summary



Fort Bend ISD Capital Plan

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Phase 1 by Funding Source

Description	\$M	Phase 1 by Funding Source		Total Phase One Capital Plan
		Proposed 2014 Bond Program	Other Funds	
Security Cameras		\$14.1		\$14.1
Security Vestibules		\$4.3		\$4.3
Window Film		\$1.8		\$1.8
Security Fencing			\$1.3	\$1.3
Access Control including Video Intercom		\$3.4		\$3.4
Emergency Generators		\$3.2		\$3.2
Emergency Notification System			\$0.5	\$0.5
Two Way Radio			\$1.4	\$1.4
Safety and Security Total		\$26.9	\$3.2	\$30.1



Transportation Considerations

- Alternative Fuels
- Technology Evolution
- Estimates & Potential Cost Escalation



Transportation Summary

Fort Bend ISD Capital Plan

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Phase 1 by Funding Source



Description	\$M	Total Phase One Capital Plan		
		Proposed 2014 Bond Program	Other Funds	
Bus Cameras and GPS		\$0.9		\$0.9
Bus Replacement		\$15.0	\$3.0	\$18.0
Transportation Total		\$15.9	\$3.0	\$18.9



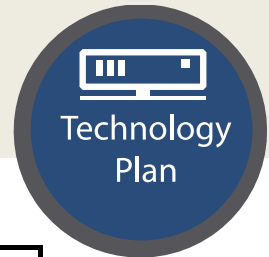
Technology Considerations



- Technology Evolution
- Estimates & Potential Cost Escalation
- Potential E-Rate Funding



Technology Summary



Fort Bend ISD Capital Plan

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Phase 1 by Funding Source

Description	\$M	Proposed	Other	Total
		2014 Bond		Phase One
		Program	Funds	Capital
				Plan
Internet Infrastructure Upgrade			\$4.4	\$4.4
Wide Area Network/Backbone Refresh		\$17.3		\$17.3
Data Center SAN and Virtualization			\$7.8	\$7.8
Data Center Facilities Modifications			\$0.6	\$0.6
Wireless Network Deployment		\$22.2		\$22.2
Local Area Network Refresh			\$12.2	\$12.2
Telephone System Upgrade			\$5.1	\$5.1
Adding Communications Closets on Campus			\$1.3	\$1.3
Technology Total		\$39.4	\$31.3	\$70.7



Other Items

Fort Bend ISD Capital Plan

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Phase 1 by Funding Source



Description	\$M	Proposed 2014 Bond Program	Other Funds	Total Phase One Capital Plan
Land		\$18.4		\$18.4
Athletic Facility Cycle Replacement			\$1.8	\$1.8
White Fleet Vehicle Replacement			\$1.5	\$1.5
Bond Support (4% of construction)		\$18.1		\$18.1
Other Capital Items		\$36.5	\$3.3	\$39.8



Fort Bend ISD Capital Plan

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Phase 1 by Funding Source



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Other Capital Items		\$36.5	\$3.3	\$39.8
Total Capital Requirements		\$484.2	\$127.4	\$611.6



Bond Oversight Committee Formed

Purpose

Before Board calls November 2014 Bond Election:

- Community members working collaboratively with the Executive Leadership Team in an advisory capacity to develop a 2014 Bond Proposal for Board
- Work within the framework of the District's Facilities Master Plan, Safety & Security Plan and Technology Plan
- Report work and findings to Board



Bond Oversight Committee Formed

Purpose

Pending Voter approval of November 2014

Bond Election:

- Meet quarterly to review the following:
 - Financial status of voter-approved bond program
 - Progress of voter-approved capital project
 - Expenditures of bond proceeds
- Report work and findings to Board



Bond Oversight Committee Formed

Considerations:

- Construction pricing and budgets
- Timeframe
- Contingency
- Size and scope of bond program
- Community trust



Bond Oversight Committee





Bond Oversight Committee Meetings

Meeting Date	Purpose
July 17	Kick-off Meeting to review: Facilities Master Plan, Safety and Security Master Plan and Technology Master Plan; Capital Plan Overview; 2014 Bond Proposal; Discuss community engagement and meeting schedule
July 24	Formalize committee scope of work and deliverables; study the FBISD Safety and Security Plan proposal (draft) and the FBISD Technology Plan
July 28	Study the FBISD Facilities Master Plan
July 31	Study Proposed 2014 Bond Program; study project contingency included in bond program; discuss tax rate implications and district debt profile, review projected enrollment growth and review updated construction pricing
August 4	Public Hearing on 2014 Bond Proposal
August 7	Refine and finalize 2014 Bond Proposal
August 12	Public Hearing on 2014 Bond Proposal
August 13	Refine and finalize 2014 Bond Proposal as needed



2014 Proposed Bond

Fort Bend ISD Capital Plan DRAFT

Proposed 2014 Bond Program



Description	\$M	Proposed 2014 Bond Program
Construction Total		\$365.4
Safety and Security Total		\$26.9
Transportation Total		\$15.9
Technology Total		\$39.4
Other Capital Items		\$36.5
Total Proposed Bond		\$484.2



Next steps

Date	Actions
August 12	Public Hearing on 2014 Bond Proposal
August 13	Bond Oversight Committee Meeting to refine and finalize 2014 Bond Proposal as needed
August 18	Board Meeting – Consider approval of accountability resolution Consider approval of proposed call of a FBISD Bond for Tuesday, Nov. 4, 2014



Community Feedback

www.fortbendisd.com/2014bond