



# 2014 Proposed Bond

Public Hearing  
August 4, 2014





# Planning for Long-term Growth and Renewal

## 2014 Bond Proposal Overview

- \$542 million for District-wide capital needs through 2019
- No tax rate increase
- Prioritized needs developed through extensive community engagement



# Fort Bend ISD is the 7<sup>th</sup> 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

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## Safety and Security Plan

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## 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

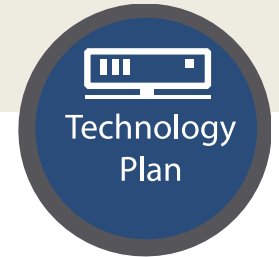


**April 2014 – August 2014**

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



# Technology Plan



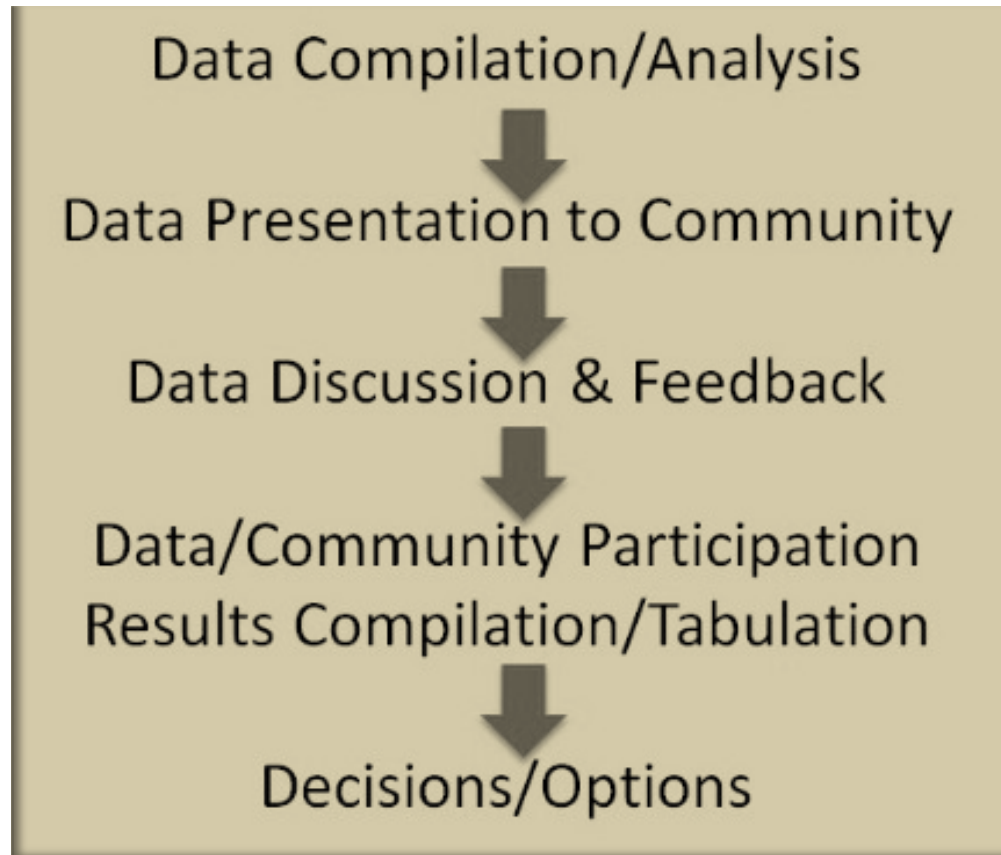
## March 2014 – May 2014

- 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





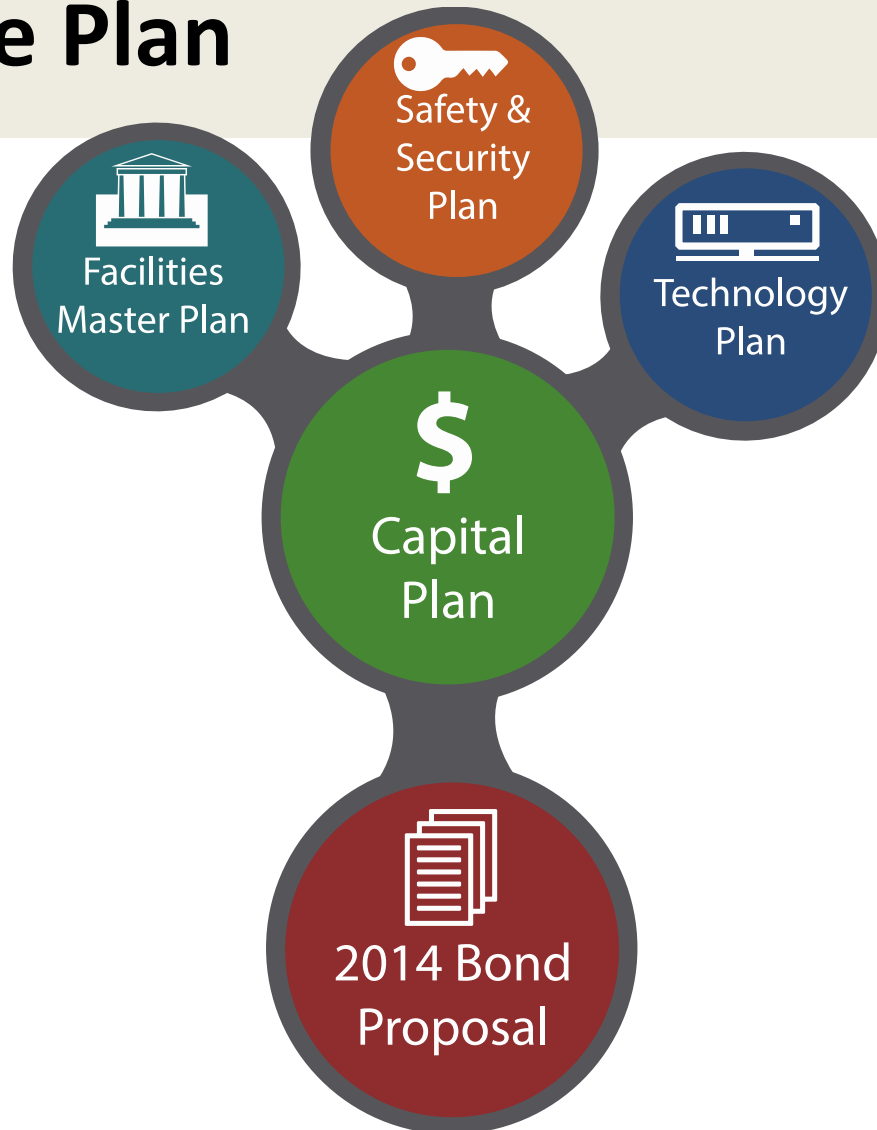
# Community Engagement







## 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

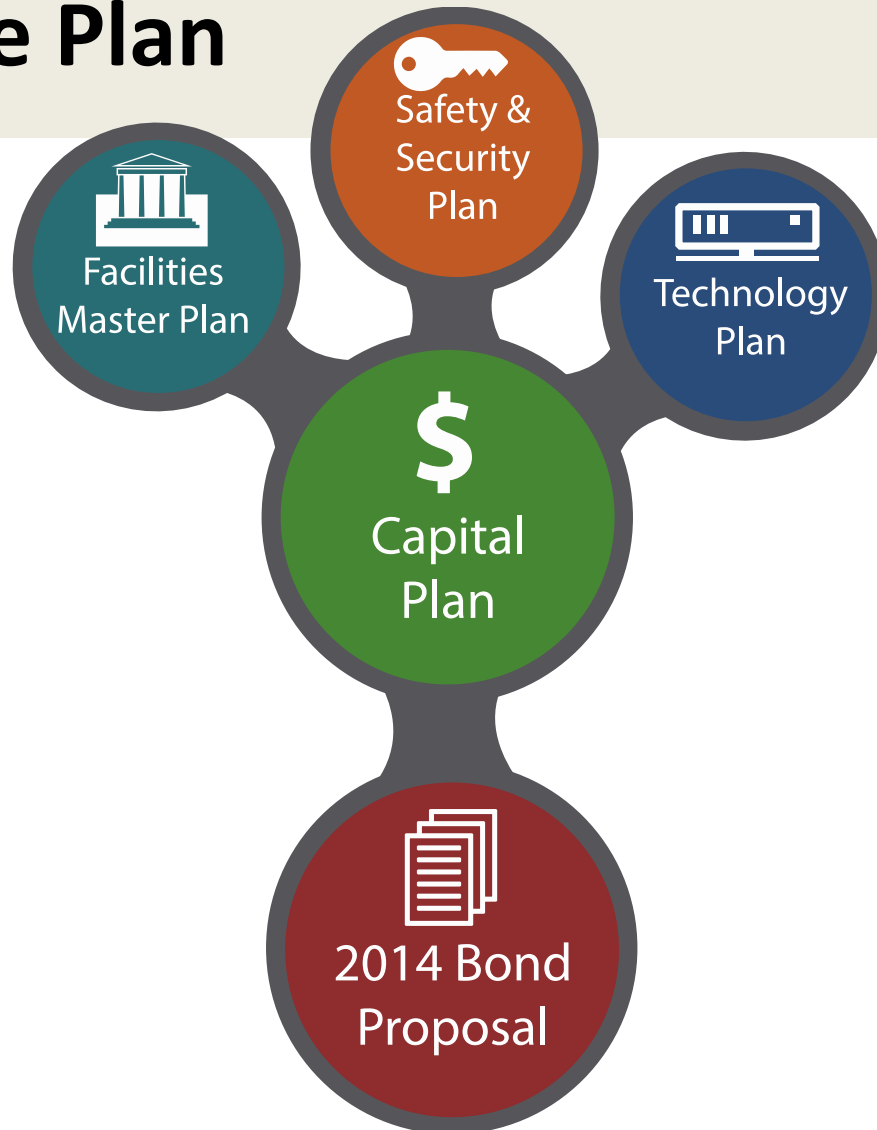


## Goals of Technology Plan:

- 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

<b>Phase I – 2014-2019</b>	<b>\$672.8M</b>
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<b>Phase II – 2019-2023</b>	<b>\$505.1M</b>
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<b>Total Capital Plan</b>	<b>\$1,178M</b>
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# 2014 Capital Plan



## Fort Bend ISD Capital Plan Plan Summary by Phase as of August 4, 2014

Description (\$M)	Phase 1	Phase 2	Total
Construction Total	\$510.9	\$454.7	\$965.6
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	\$42.2	\$21.0	\$63.2
Total Capital Requirements	\$672.8	\$505.1	\$1,177.9





# Fort Bend ISD Capital Plan

Fort Bend ISD Capital Plan

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Phase 1 by Funding Source



<div>Capital Plan</div> <div>Description</div> <div>\$M</div>	<div>Proposed 2014 Bond Program</div>	<div>Other Funds</div>	<div>Total Phase One Capital Plan</div>
Construction Total	\$420.9	\$90.0	\$510.9
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	\$38.9	\$3.3	\$42.2
Total Capital Requirements	\$542.0	\$130.8	\$672.8



# 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 increase as projects are completed	
<b>** Allocated for buses, ES 46 and MS 15</b>	



# Construction Summary

**Fort Bend ISD Capital Plan**

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**Phase 1 by Funding Source**



Description	\$M	Phase 1 by Funding Source		
		Proposed 2014 Bond Program	Other Funds	Total Phase One Capital Plan
New Construction and Classroom Additions		\$261.5	\$89.6	\$351.0
Current Facility Deficiencies		\$117.7	\$0.3	\$118.0
Facility Life-Cycle Needs		\$41.8	\$0.1	\$41.9
<b>Construction Total</b>		<b>\$420.9</b>	<b>\$90.0</b>	<b>\$510.9</b>



## 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	\$32.3		\$32.3
Elementary 47	Riverstone	2015-16	\$45.6	\$45.6	
Elementary 48	TBD	2015-16	\$32.3	\$32.3	
Elementary 49	TBD	2016-17	\$32.3	\$32.3	
Elementary 50	TBD	2017-18	\$32.3	\$32.3	
Elementary 51	TBD	2019-20	\$32.3	\$32.3	
Middle School 15	TBD	2017-18	\$57.3		\$57.3
Elementary Classrooms	TBD	2015-17	\$28.0	\$28.0	
Career & Tech Improvements	TBD	2017-18	\$58.7	\$58.7	
<b>Total \$M</b>			<b>\$351.0</b>	<b>\$261.5</b>	<b>\$89.6</b>



## 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

<b>Year</b>	<b>Permanent Elementary Capacity</b>	<b>Actual or Projected Enrollment</b>	<b>Net Change in Enrollment</b>	<b>Net Seats</b>	<b>Percent Utilization</b>
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.

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**\$118.0**

**Life Cycle Forecast Year 1**

**\$4.4**

**Life Cycle Forecast Year 2**

**\$21.1**

**Life Cycle Forecast Year 3**

**\$16.4**

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

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**\$41.9**



# 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	Proposed 2014 Bond Program	Other Funds	Total Phase One Capital Plan
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
<b>Safety and Security Total</b>		<b>\$26.9</b>	<b>\$3.2</b>	<b>\$30.1</b>



# 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	Phase 1 by Funding Source		
		Proposed 2014 Bond Program	Other Funds	Total Phase One Capital Plan
Bus Cameras and GPS		\$0.9		\$0.9
Bus Replacement		\$15.0	\$3.0	\$18.0
Transportation Total		\$15.9	\$3.0	\$18.9



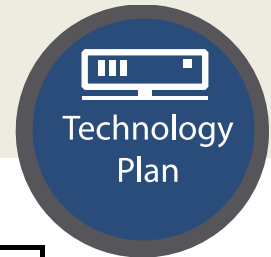
# Technology Considerations



- 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	Phase 1 by Funding Source		Total Phase One Capital Plan
		Proposed 2014 Bond Program	Other Funds	
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
<b>Technology Total</b>		<b>\$39.4</b>	<b>\$31.3</b>	<b>\$70.7</b>





## Other Items

**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	
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)		\$20.4		\$20.4
Other Capital Items		\$38.8	\$3.3	\$42.1



# 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	Other	Phase One
		Program	Funds	Capital
				Plan
Construction Total		\$420.9	\$90.0	\$510.9
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		\$38.9	\$3.3	\$42.2
Total Capital Requirements		\$542.0	\$130.8	\$672.8



# 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
<b>July 17</b>	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
<b>July 24</b>	Formalize committee scope of work and deliverables; study the FBISD Safety and Security Plan proposal (draft) and the FBISD Technology Plan
<b>July 28</b>	Study the FBISD Facilities Master Plan
<b>July 31</b>	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
<b>August 4</b>	Public Hearing on 2014 Bond Proposal
<b>August 7</b>	Refine and finalize 2014 Bond Proposal
<b>August 12</b>	Public Hearing on 2014 Bond Proposal
<b>August 13</b>	Refine and finalize 2014 Bond Proposal as needed





# 2014 Proposed Bond



**Fort Bend ISD Capital Plan     DRAFT**

**Proposed 2014 Bond Program**

<b>Description</b>	<b>\$M</b>	<b>Proposed 2014 Bond Program</b>
<b>Construction Total</b>		<b>\$420.9</b>
<b>Safety and Security Total</b>		<b>\$26.9</b>
<b>Transportation Total</b>		<b>\$15.9</b>
<b>Technology Total</b>		<b>\$39.4</b>
<b>Other Capital Items</b>		<b>\$38.9</b>
<b>Total Proposed Bond</b>		<b>\$542.0</b>



## Next steps

Date	Actions
<b>August 4</b>	Public Hearing on 2014 Bond Proposal
<b>August 7</b>	Bond Oversight Committee Meeting to refine and finalize 2014 Bond Proposal (as needed)
<b>August 11</b>	Board Workshop – Review proposed call of a FBISD Bond for Tuesday, Nov. 4, 2014
<b>August 12</b>	Public Hearing on 2014 Bond Proposal
<b>August 13</b>	Bond Oversight Committee Meeting to refine and finalize 2014 Bond Proposal as needed
<b>August 18</b>	Board Meeting - Consider approval of proposed call of a FBISD Bond for Tuesday, Nov. 4, 2014



## Community Feedback

[www.fortbendisd.com/2014bond](http://www.fortbendisd.com/2014bond)