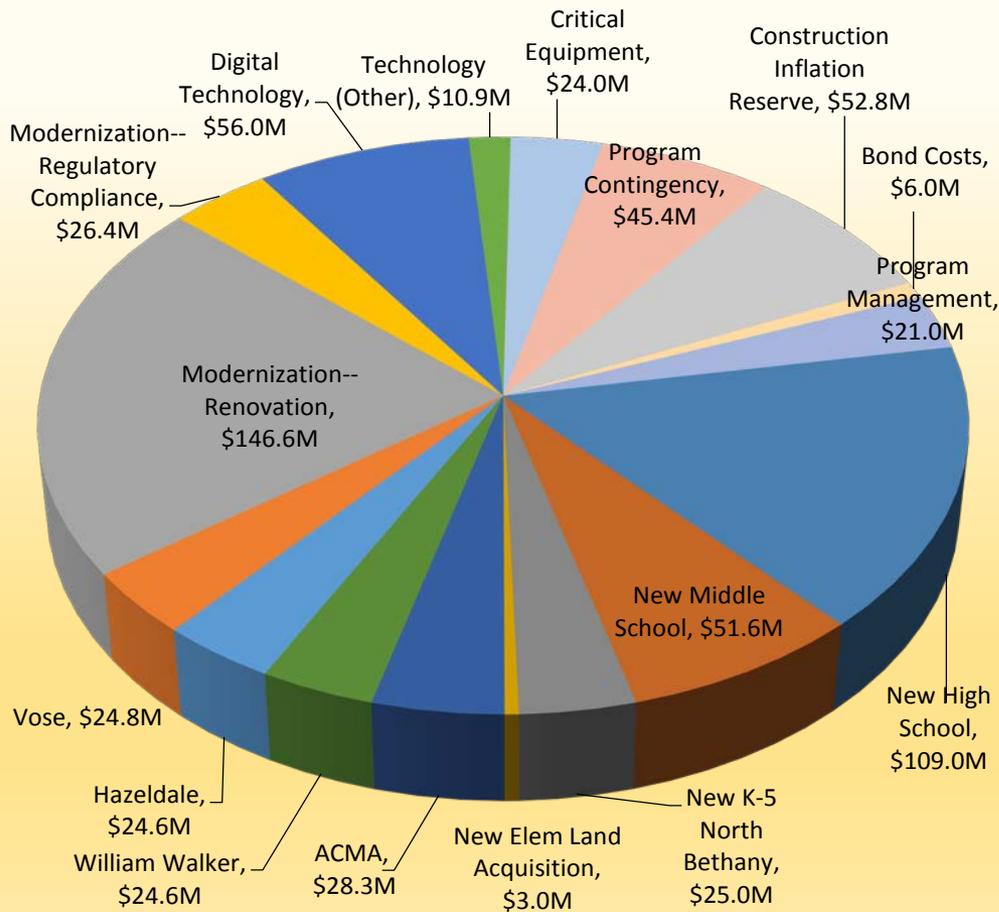


# Bond Status Report

December, 2014

# 2014 Bond Program

### Program Budget Break-Down



### Balanced Scorecard Program Status

Perspective	Last Meeting	Current
Overall	Green	Green
Budget	Green	Green
Schedule	Green	Green
Equity	Under	Development

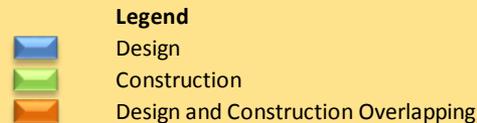
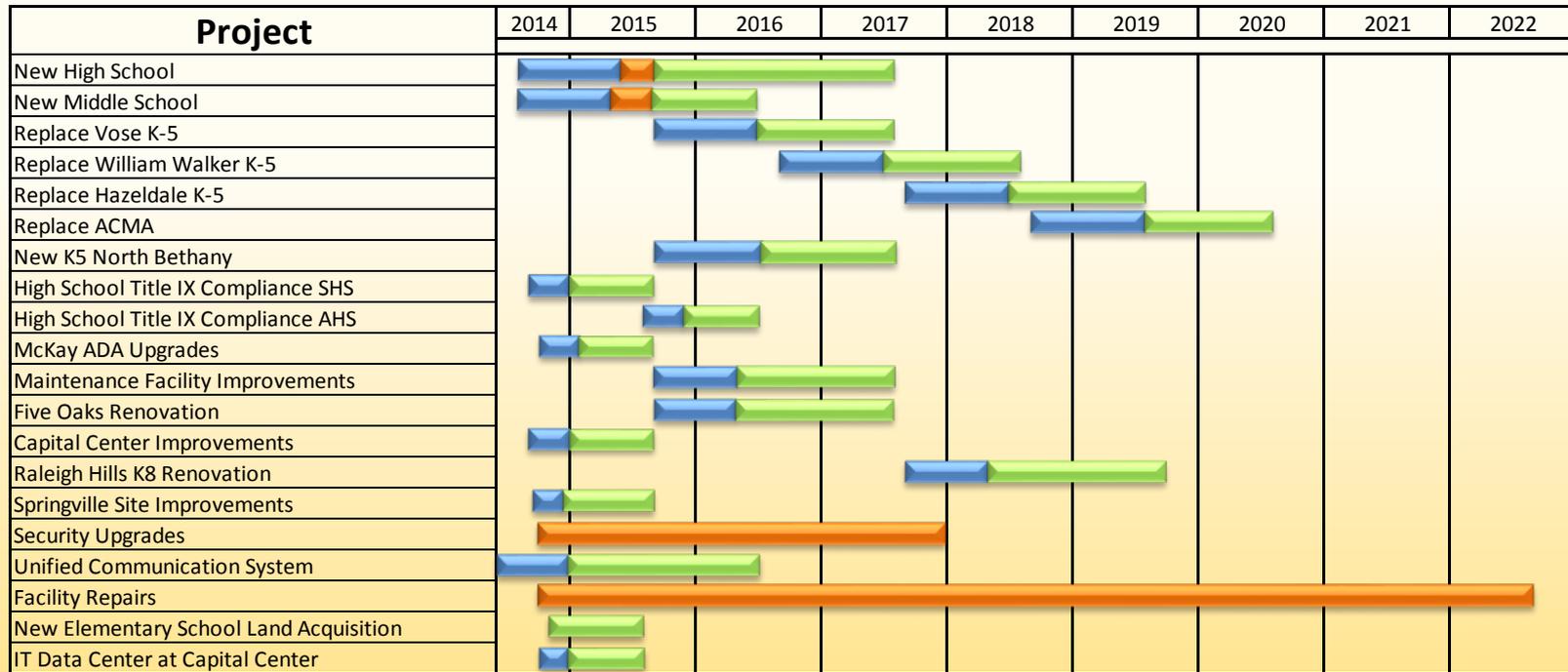
### Comments

Bond Program Coordination with the City. Facilities staff has been meeting regularly with City of Beaverton leaders: Community Development Director (Cheryl Twete for land use permits), Public Works Director (Peter Arellano for site development permits), and the City Building Official (Brad Roast for building permits) to coordinate the City's support for BSD's bond program. A draft MOU is being developed to formalize cooperation and support commitments. Meetings will continue on a monthly basis for now, perhaps increasing in frequency if needed.

### Key Next Steps

The City Planning Commission held the first of two scheduled hearings on the South Cooper Mountain Community Plan. BSD provided testimony supporting adoption of the plan and emphasized the criticality of timely approval of the Plan by the City in order to support the high school construction schedule. A second hearing is scheduled for Dec 3.

# 2014 Bond Construction Program Schedule



\*Schedule for K5 North Bethany (Advanced One Year)

# Balanced Scorecard

## Overall Performance

### Narrative Comments:

1. South Cooper Mountain Plan (high school site). Second City Planning Commission hearing on Dec 3; forwarded Plan to City Council for action in January; approved zoning change for HS project.
2. Summer 2015 Repair Package includes:
  - (a) Conestoga MS roof replacement
  - (b) Jacob Wismer ES fire alarm system replacement
  - (c) Sexton Mountain ES fire alarm system replacement
  - (d) Westview HS roof replacement
3. SHS Field Improvements project on track with new schedule.
4. Capital Center Improvements include the east-side building improvements project and the new IT Data Center project.

#### Color Key

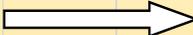
	No Data
	On Track
	Watch List
	Trouble

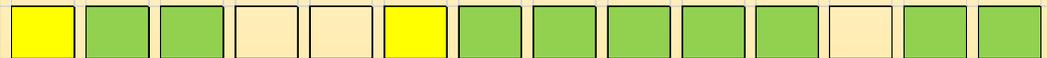
### Overall Perspective

#### Bond Projects

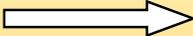
#### Other Projects

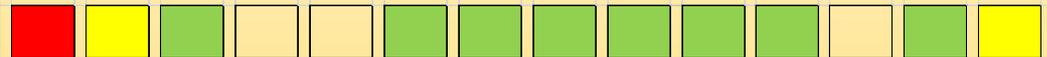
High School	Middle School	Communication System			Portable Building Relocations	SHS Title IX	McKay ADA Upgrade	Capital Center Improvements	Springville K-8 Site Improvements	SHS Stadium Turf Replacement	Repair Package 2015	BHS Health Clinic	SHS BB/SB Field Improvements
-------------	---------------	----------------------	--	--	-------------------------------	--------------	-------------------	-----------------------------	-----------------------------------	------------------------------	---------------------	-------------------	------------------------------

Overall Project Performance 



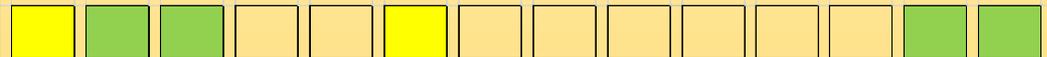
Perspective

Budget 

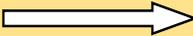


Perspective

Schedule 



Perspective

Equity 





# Balanced Scorecard Budget Perspective

Narrative Comments:			Budget Perspective																	
<p>1. High School: Very preliminary updated estimate indicates budget may need to be increased, but too early in process to take that action. Next key cost-estimate milestone will be at completion of schematic design in February 2015.</p> <p>2. Middle School: Very preliminary updated estimate indicates budget is tight. Project contingency at 6% vs. target of 10%.</p> <p>3. BHS Health Clinic completed.</p> <p>4. SHS Field Improvements project has had cost increases due to impact of winter construction work, modification of the type of turf system, and a design error related to the stormwater management requirements. The donor and the school PTO have provided additional funding; current project contingency at 5%.</p>			Color Key																	
			<table border="1"> <tr><td>No Data</td></tr> <tr><td>On Track</td></tr> <tr><td>Watch List</td></tr> <tr><td>Trouble</td></tr> </table>														No Data	On Track	Watch List	Trouble
			No Data																	
			On Track																	
Watch List																				
Trouble																				
Bond Projects												Other Projects								
High School	Middle School	Communication System			Portable Building Relocations	SHS Title IX	McKay ADA Upgrade	Capital Center Improvements	Springville K-8 Site Improvements	SHS Stadium Turf Replacement	Repair Package 2015	BHS Health Clinic	SHS BB/SB Field Improvements							
Strategic Objectives	Performance Measures	Performance Targets																		
Objective A Project Budget and Scope Aligned	1 Initial Cost Estimate of Approved Scope	Project Contingency > 10%																		
Objective B Planning & Design Costs within Budget	2 Planning & Design Costs	Within Budgeted Amount																		
Objective C Construction Costs within Budget	3 Construction Cost Bid Price or GMP	Project Contingency > 10%																		
	4 Construction Cost Current Estimate	Per Schedule																		
Objective D Project within Budget	5 Total Project Costs Within Budgeted Amount	Per Schedule																		

# Balanced Scorecard Schedule Perspective

Narrative Comments:			Schedule Perspective														
1. High school: CMGC contractor interviews Dec 4. 2. Middle school: CMGC contractor interviews Dec 12. 3. SHS Title IX, McKay, Capital Center, Springville, SHS Stadium Turf project schedules are being developed. 4. BHS Health Clinic completed. Ribbon cutting ceremony Dec 5. 5. Portable relocation work completing. Occupancy dates: - Springville (2 portables) completed & occupied. - Stoller (4 portables) Dec 31 - Montclair (1 portable) Dec 21			<b>Color Key</b> No Data On Track Watch List Trouble														
			Bond Projects											Other Projects			
			High School	Middle School	Communication System			Portable Building Relocations	SHS Title IX	McKey ADA Upgrade	Capital Center Improvements	Springville K-8 Site Improvements	SHS Stadium Turf Replacement	Repair Package 2015	BHS Health Clinic	SHS BB/SB Field Improvements	
			Yellow	Green	Green			Yellow							Green	Yellow	
								NA									
Strategic Objectives	Performance Measures	Performance Targets															
Objective A Establish Schedule Target & Strategy	1	Occupancy Date Goal Established	Green = < 0 weeks impact on scheduled completion dates.		Green	Green	Green			Green	Green	Green	Green	Green	Green	Green	Green
	2	Project Execution Strategy Developed	Yellow = 0 - 4 weeks;		Green	Green	Green			Green	Green	Green	Green	Green	Green	Green	Green
	3	Detailed Project Schedule Approved	Red > 4 weeks		Green	Green	Green			Green	Green	Green	Green	Green	Green	Green	Green
	4	Project Programming / Scope Completed			Green	Green	Green			Green	Green	Green	Green	Green	Green	Green	Green
Objective B Planning, Permitting & Design Phases on Schedule	5	Design Contract Awarded	Same as Objective A		Green	Green	Green			Green	Green	Green	Green	Green	Green	Green	Green
	6	Schematic Design Completed			Green	Green	Green			Green	Green	Green	Green	Green	Green	Green	Green
	7	Design Development Completed			Green	Green	Green			Green	Green	Green	Green	Green	Green	Green	Green
	8	Land Use Permit Approved			Yellow	Green	NA			Green	Green	Green	Green	Green	Green	Green	Green
	9	Construction Contract Documents Completed			Green	Green	Green			Green	Green	Green	Green	Green	Green	Green	Green
10	Building Permit Approved			Green	Green	Green			Yellow	Green	Green	Green	Green	Yellow	Green	Red	
Objective C Construction on Schedule	11	Prime Contract Notice to Proceed	Same as Objective A				Green			Green	Green	Green	Green	Green	Green	Green	
	12	Construction Started					Green			Green	Green	Green	Green	Green	Green	Green	
	13	Certificate of Occupancy Received					Green			Green	Green	Green	Green	Green	Green	Yellow	
Objective D Meet Occupancy / Completion Schedule Target	14	FF&E Ordered	Same as Objective A							Green	Green	Green	Green	Green	Green	NA	
	15	FF&E Delivered and Installed								Green	Green	Green	Green	Green	Green	NA	
	16	Occupancy on Schedule	Same as Objective A		Yellow	Green	Green			Yellow	Green	Green	Green	Green	Green	Yellow	
			<b>Projected Occupancy / Completion Dates</b> (month & year) 9-2017 9-2016 9-2015 12-2014 9-2015 9-2015 9-2015 9-2015 8-2015 9-2015 11-2014 3-2015														

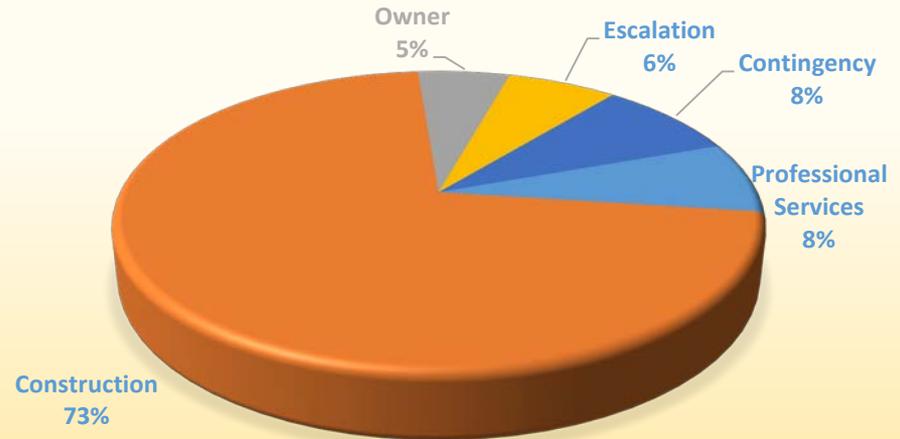
# New High School South Cooper Mountain

## Project Description

Comprehensive high school for 2,200 students providing complete academic curriculum while supporting a full complement of OSAA sanctioned high school athletic programs.

Current Project Phase: Schematic Design  
 Construction Start: July 2015  
 Construction Duration: 22 Months  
 Schedule Completion: July 2017

## Budget Breakdown



## Status Comments

The selection committee completed interviews on December 4 and selected Hoffman Construction Company of Oregon to be the contractor for the new high school. Hoffman is one of the very largest contractors working in our area with a volume of business of \$1.4 billion in 2013. It is locally owned and has a premium reputation for quality, schedule, and cost performance. The CM/GC contract for preconstruction services will be awarded about December 12.

Schematic design work remains on schedule.

## Photo



## Schedule

Activities	2014		2015				2016				2017							
	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4				
Land Use			[Purple bar spanning Q3 2014 to Q1 2016]															
Schematic Design	[Blue bar]																	
Design Development			[Light Blue bar]															
Construction Documents							[Light Green bar]											
Construction							[Green bar spanning Q3 2015 to Q2 2017]											
Move-in													[Purple bar]					

## Budget Status

Original Budget	Current Budget *	Estimate At Completion	Net Contingency Balance
\$109,000,000	\$117,366,760	\$126,084,831	\$1,387,658

\* Includes allocated Inflation Reserve

Very preliminary cost estimate reduces project contingency balance below target. Updated cost estimate at completion of Schematic Design will guide need for scope reduction or budget augmentation from Bond Program Contingency.

# New Middle School Timberland

## Project Description

Brief Project Description: Full campus to house a student capacity of 1,100 students. Timberland will be designed as a swing school, housing elementary students (grades K-5) for three years and the Arts & Communication Magnet Academy (grades 6-12) for one year before becoming BSD's 9<sup>th</sup> middle school.

Current Project Phase: Schematic Design  
 Construction Start: June 2015  
 Construction Duration: 15 months  
 Schedule Completion: June 2016

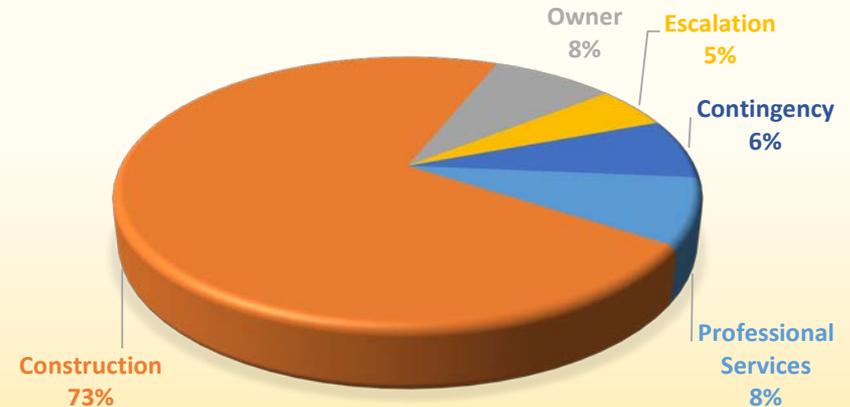
## Status Comments

The Central Beaverton Neighborhood Association Committee devoted a major portion of its December 1 meeting to a presentation by BSD staff and our consultants on the middle school project. This meeting was well attended by neighbors in the vicinity of the new school site. A neighborhood open house is being scheduled in January.

The selection committee for the CM/GC construction contractor has selected three firms to interview. Interviews are scheduled for December 12.

Schematic design work remains on schedule.

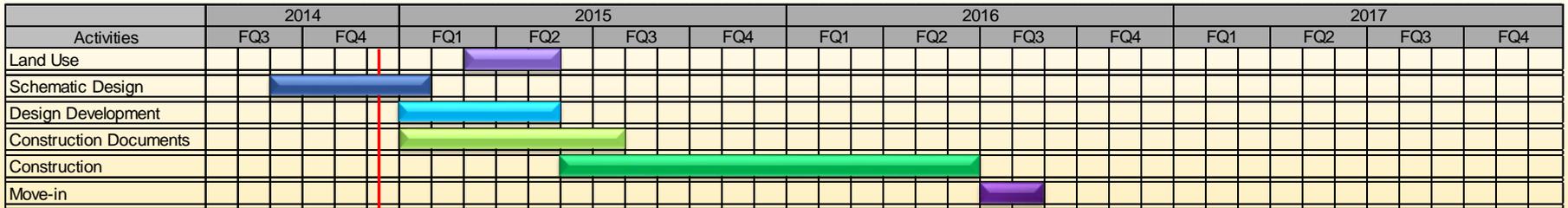
## Budget Breakdown



## Photo



## Schedule



## Budget Status

Original Budget	Current Budget *	Estimate At Completion	Net Contingency Balance
\$ 51,600,000	\$55,777,701	\$56,576,453	\$ 3,208,148

\* Includes allocated Inflation Reserve

# Capital Center Building Improvements

## Project Description

The project includes new and upgraded HVAC systems, seismic upgrades, and roofing on the east portion of the building. Interior renovations include a new central IT data center for the District, new space for the School of Science and Technology program to be relocated from Merlo HS, expanded space for the Community Transition Program, and various repairs throughout the building.

Current Project Phase: Solicitation of Design Architect  
 Construction: Spring/Summer 2015  
 Construction Duration: 3-5 months  
 Completion: August 2015

## Budget Breakdown



## Status Comments

1. Multiple stakeholders will have input in the project as it affects several programs.
2. The project budget is approximately \$11.5M based on bond planning documents and bond funded building repairs.
3. Data Center work may occur before or after the prime construction period.

## Photo



# Stadium Turf Replacement Sunset High School

## Project Description

Replacement of synthetic turf field on the football / soccer field which has reached the end of its useful life span. Synthetic turf fields become over-compacted and dangerous when their use is stretched beyond their warranty period. Sunset High School's field also has significant drainage issues that need to be addressed.

Current Project Phase: Preparing solicitation for design architect  
Construction Start: July 2015  
Construction Duration: 7 Weeks  
Scheduled Completion: August 2015

## Status Comments

1. Project will be completed summer of 2015.
2. Project will be done in coordination with other maintenance items.
3. Permit applications will be submitted early 2015.

## Budget Breakdown

Total Budget: \$653,000

Note:  
THPRD will fund a portion  
of the cost

## Photo



# Unified Communication System

## Voice over Internet Protocol Phone System

### Project Description

This project will provide all individual building communication system hardware; desk sets and licenses, unified communication system software, 911 system, and advance notification system (push text, Facebook & Twitter). Additionally, central servers housing and managing the telecommunications system will be replaced.

Current Project Phase: Pre-Construction  
Installation Start: December 2014  
Installation Duration: 18 months  
Scheduled Completion: Spring 2016

### Status Comments

1. Inflow Communications awarded the contract.
2. Includes over 5000 new IP phones.
3. New phones will have 911 features to allow quick response.
4. This project will replace BSD's antiquated phone system.

### Budget Breakdown

Total Budget: \$7.2M

### Photo

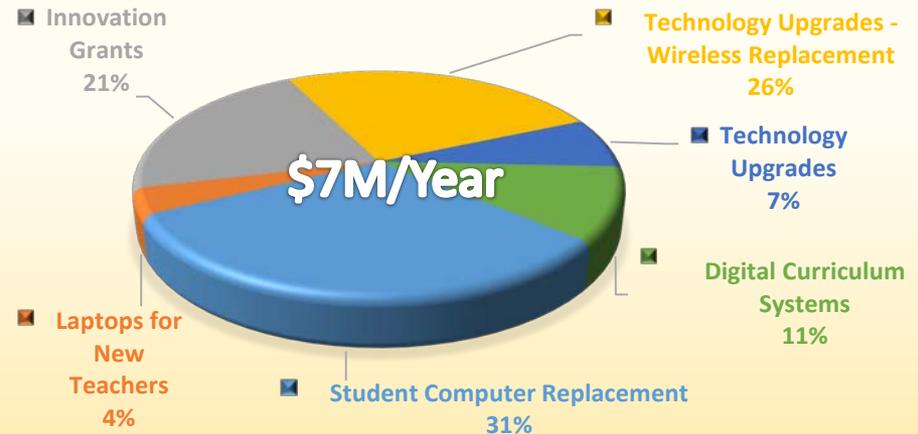


# Learning Technology Classroom Systems

## Project Description

Digital Conversion includes the purchase of replacement student computers and laptops for new teachers, funding of the 17 Innovation Grants for the 2014-15 school year, and Technology Infrastructure upgrades, including replacement of the wireless network. For the 2014-15 school year, it also includes the hiring of two Curriculum content creators and curriculum purchases.

## Budget Breakdown



## Comments

- 1,957 Student Computers purchased, imaged, and ready for students on the first day of school.
- 250 teacher laptops purchased and distributed to new teachers.
- Innovation grant teachers received technology devices during the week of November 3.
- Firewall replacement ordered and shipped.
- Wireless network controllers received.
- Digital Curriculum Specialists hired to create curriculum resources in TeacherSource.

## Students Learning With New Student Computers – Montclair and Elmonica



## Schedule

Activities	Summary Schedule									
	2014		2015				2016			
	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Student Computer Replacement	■									
Laptops for New Teachers		■								
Innovation Grants Year 1		■								
Innovation Grants Year 2					■					
Innovation Scale Year 3									■	
Technology Upgrades - Wireless Replacement Phase 1		■								
Technology Upgrades - Wireless Replacement Phase 2					■					
Technology Upgrades - Wireless Replacement Phase 3							■			
Technology Upgrades - Firewall Replacement		■								

## 2014 Bond Financial Summary Status Report

Project List	PM	Original Budget	Revised Approved Current Budget	Sep-14 Est. @ Comp.	Oct-14 Est. @ Comp.	Nov-14 Est. @ Comp.	Net Contingency Balance		Contingency Targets & Notes
							\$	%	
New HS @ South Cooper Mountain	Imes	\$ 109,000,000	\$ 117,366,760	\$ 121,033,503	\$ 125,821,550	\$ 126,084,831	\$ 1,387,658	1.2%	Original Budget 100% Found. & Underground 50% WIP 100% WIP Sub. Compl. w/o Signif. Claims  TelCom Phases 3, 4, 5 + VoIP
New MS @ Timberland	Johnson	\$ 51,600,000	\$ 55,777,701	\$ 55,777,701	\$ 55,891,201	\$ 56,576,453	\$ 3,208,148	6.1%	
New K-5 @ North Bethany	Faust	\$ 25,000,000	\$ 25,000,000	\$ 25,000,000	\$ 25,000,000	\$ 25,000,000			
Land for new K-5 @ So. Cooper Mountain	Sloan	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000			
ACMA Replacement		\$ 28,300,000	\$ 28,300,000	\$ 28,300,000	\$ 28,300,000	\$ 28,300,000			
Hazeldale K-5 Replacement		\$ 24,600,000	\$ 24,600,000	\$ 24,600,000	\$ 24,600,000	\$ 24,600,000			
Vose K-5 Replacement		\$ 24,800,000	\$ 24,800,000	\$ 24,800,000	\$ 24,800,000	\$ 24,800,000			
William Walker K-5 Replacement	Lamberty	\$ 24,600,000	\$ 24,600,000	\$ 24,600,000	\$ 24,600,000	\$ 24,600,000			
Five Oaks MS Renovation & Expansion		\$ 21,100,000	\$ 21,100,000	\$ 21,100,000	\$ 21,100,000	\$ 21,100,000			
Raleigh Hills K-8 Improvements		\$ 9,700,000	\$ 9,700,000	\$ 9,700,000	\$ 9,700,000	\$ 9,700,000			
Springville K-8 Improvements	Finch	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000			
Maintenance Facility Improvements	Stanley	\$ 10,000,000	\$ 10,000,000	\$ 10,000,000	\$ 10,000,000	\$ 10,000,000	\$ 909,092	10.0%	
IT Data Center @ Capital Center	Faust	\$ 2,900,000	\$ 2,900,000	\$ 2,900,000	\$ 2,900,000	\$ 2,900,000			
District-Wide Communication System	Boyle	\$ 7,200,000	\$ 5,600,000	\$ 5,567,226	\$ 5,576,551	\$ 5,592,795	\$ 488,977	9.6%	
Capital Center Repairs & Improvements	Faust	\$ 5,000,000	\$ 5,000,000	\$ 5,000,000	\$ 5,000,000	\$ 5,000,000			
Kitchen Improvements		\$ 800,000	\$ 800,000	\$ 800,000	\$ 800,000	\$ 800,000			
District-Wide ADA Compliance		\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000			
Domestic / Fire Line Separation		\$ 800,000	\$ 800,000	\$ 800,000	\$ 800,000	\$ 800,000			
Green Energy Technology		\$ 5,000,000	\$ 5,000,000	\$ 5,000,000	\$ 5,000,000	\$ 5,000,000			
SHS Title IX Compliance	Faust	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000			
AHS Title IX Compliance		\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000			
McKay ADA Improvements	Finch	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000			
Security Upgrades	Lamberty	\$ 10,000,000	\$ 10,000,000	\$ 10,000,000	\$ 10,000,000	\$ 10,000,000			
Seismic Upgrades		\$ 4,200,000	\$ 4,200,000	\$ 4,200,000	\$ 4,200,000	\$ 4,200,000			
District-Wide HVAC Controls		\$ 800,000	\$ 800,000	\$ 800,000	\$ 800,000	\$ 800,000			
District-Wide Facility Repairs	Potter	\$ 98,000,000	\$ 98,000,000	\$ 98,000,000	\$ 98,000,000	\$ 98,000,000			
Added Projects	-	\$ -	\$ 789,000	\$ 679,650	\$ 686,384	\$ 686,384			
Program Contingency	RLS	\$ 45,400,000	\$ 46,212,172	\$ 46,214,397	\$ 46,212,172	\$ 46,212,172			
Program Inflation	RLS	\$ 52,800,000	\$ 40,255,539	\$ 40,255,539	\$ 40,255,539	\$ 40,255,539			
Pre-Bond Expenditure Reimbursements	CS	\$ 1,000,000	\$ 998,828	\$ 996,603	\$ 998,828	\$ 998,828			
Bond Management Costs	DE	\$ 20,000,000	\$ 20,000,000	\$ 20,000,000	\$ 20,000,000	\$ 20,000,000			
Bond Issuance Costs	CS	\$ 6,000,000	\$ 6,000,000	\$ 6,000,000	\$ 6,000,000	\$ 6,000,000			
<b>Construction Bond Subtotal</b>		<b>\$ 600,000,000</b>	<b>\$ 600,000,000</b>	<b>\$ 603,524,619</b>	<b>\$ 608,442,225</b>	<b>\$ 609,407,002</b>			
<b>Const Bond Uncommitted Funds</b>							\$ 5,993,875		
<b>Learning Technology</b>		<b>\$ 56,000,000</b>	<b>\$ 56,000,000</b>	<b>\$ 56,000,000</b>	<b>\$ 56,000,000</b>	<b>\$ 56,000,000</b>			
<b>Critical Equipment</b>		<b>\$ 24,000,000</b>	<b>\$ 24,000,000</b>	<b>\$ 24,000,000</b>	<b>\$ 24,000,000</b>	<b>\$ 24,000,000</b>			
<b>Tech &amp; Equip Subtotal</b>		<b>\$ 80,000,000</b>	<b>\$ 80,000,000</b>	<b>\$ 80,000,000</b>	<b>\$ 80,000,000</b>	<b>\$ 80,000,000</b>			
<b>2014 Bond Grand Totals</b>		<b>\$ 680,000,000</b>	<b>\$ 680,000,000</b>	<b>\$ 683,524,619</b>	<b>\$ 688,442,225</b>	<b>\$ 689,407,002</b>			
<b>Interest Earnings</b>	CH	\$ -							
<b>Bond Premium</b>	CH	\$ -	\$ 63,295,961	\$ 63,295,961	\$ 63,295,961	\$ 63,295,961			











**2014 Bond**  
**Learning Technology/Classroom Systems**  
**and Critical Equipment Purchases**  
**November 2014 Report**

Learning Technology/Classroom Systems - \$56 Million			
	2014-15 Budget	2014-15 Expenditures as of 11/30/14	Quarterly Description of Expenditures
Student Computer Replacement	\$ 2,500,000	\$ 2,500,000	Purchased 1,957 computers for student use. All machines were ready for students on the first day of school.
Digital Conversion - Innovation Grants	\$ 1,737,000	\$ 400,000	September 15 project kickoff. Instructional Technologists currently meeting with grant teams. Staff devices ordered. Finalizing student devices to order.
Technology Infrastructure	\$ 2,000,000	\$ 2,000	Design phase for Enterprise Wireless network replacement.
Curriculum	\$ 763,000	\$ 490,000	Salary for two half-time teachers as TeacherSource Content Specialists; Textbook purchases to support IB, AP, Science and growth needs at high schools. In addition, purchased kindergarten science; Payment for TeacherSource Enhancements on the professional development module and Lesson Plan
<b>Total Year to Date</b>	<b>\$ 7,000,000</b>	<b>\$ 3,392,000</b>	
<b>Total Bond Funds Remaining</b>		<b>\$ 52,608,000</b>	

Critical Equipment - \$24 Million			
	2014-15 Budget	2014-15 Expenditures as of 11/30/14	Quarterly Description of Expenditures
Instruments \$250,000	\$ 250,000	\$ 1,200	One time expense of \$250,000.
Buses \$16,000,000	\$ 4,250,000	\$ -	Approximately \$2 million/year over eight years. In first year, \$4.25 million will be spent and \$0 will be spent in second year to catch up on need for buses. In third year, buses will be back to \$2 million/year.
Copiers \$2,000,000	\$ 331,000	\$ 79,000	Approximately \$250,000/year over eight years.
Other Equipment Purchases \$5,750,000	\$ 718,750	\$ -	Other critical equipment purchases as needed. - Purchase of \$15,000 towards new locker banks at Stoller.
<b>Total Year to Date</b>	<b>\$ 5,549,750</b>	<b>\$ 80,200</b>	
<b>Total Bond Funds Remaining</b>		<b>\$ 23,919,800</b>	

Business Services

N:\Business\_Office\Finance\BOND &amp; FFCO Folder\Bonds 2014\Critical Purchases and Learning Technology\11-30-14

12/4/2014