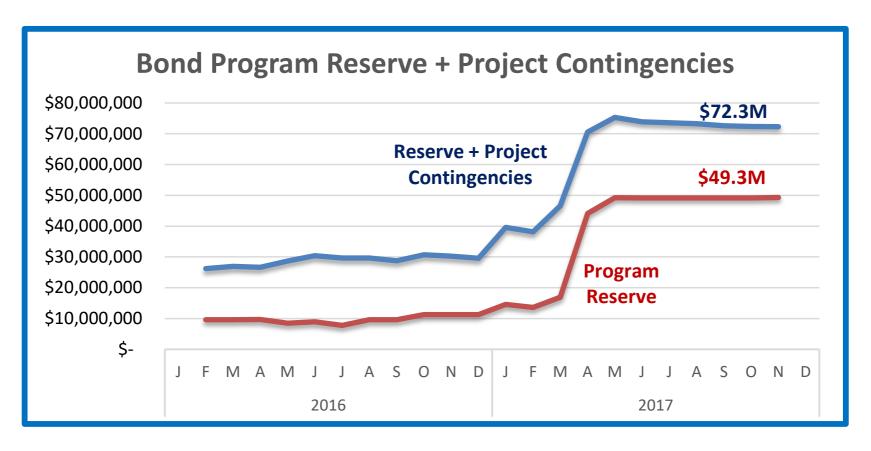


# Bond Program Status Report

**Through November 2017** 

# November 2017



#### **Program Reserve**

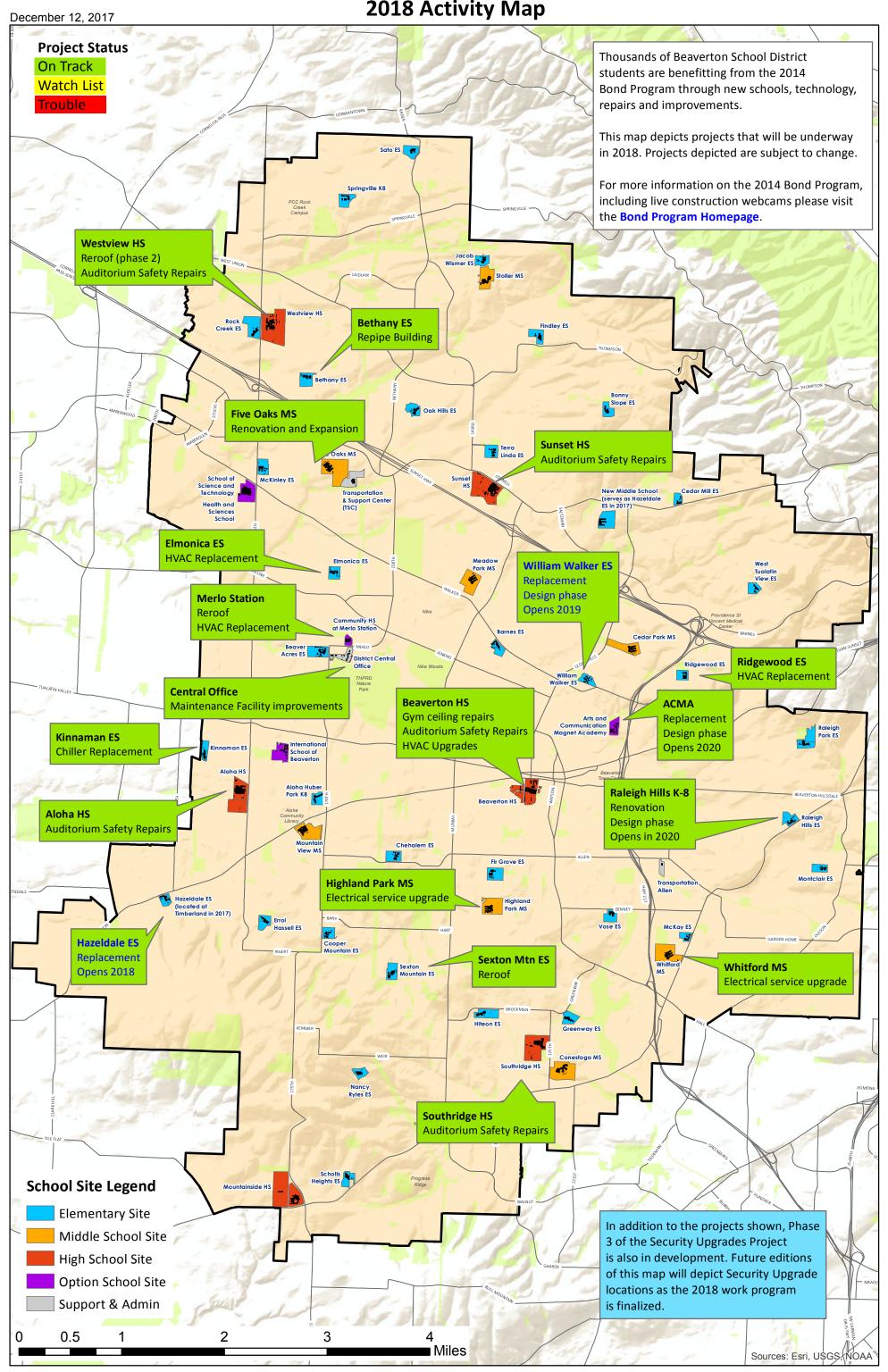
Funding available to the Bond Program but not yet allocated to a project

#### **Project Contingencies**

Funding contained within an approved project budget

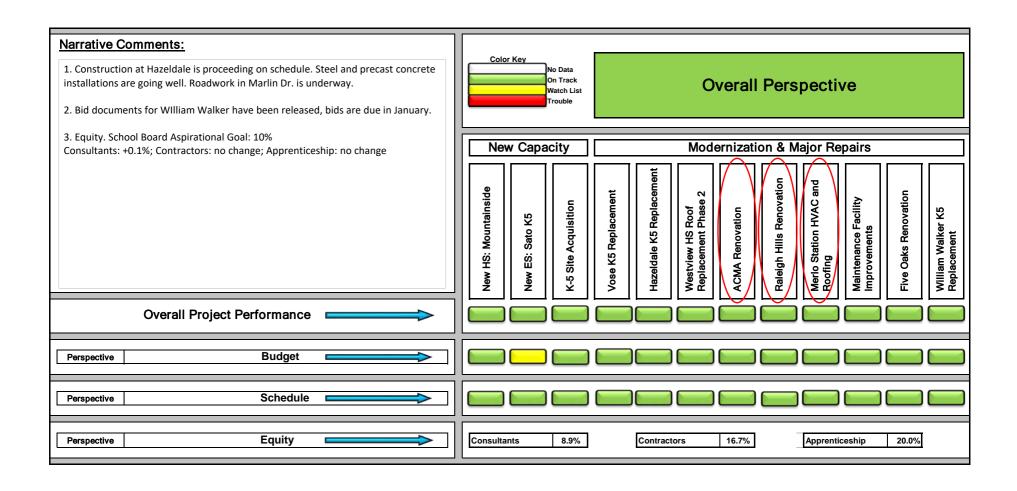
# School Bond Program 2018 Activity Map





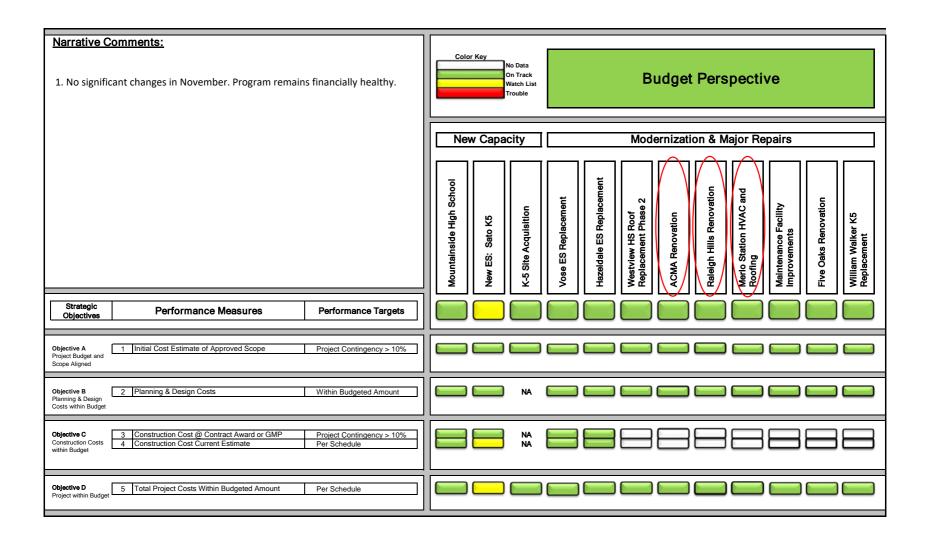
### 2014 Bond Construction Program

Overall Performance November 2017 Report



### 2014 Bond Construction Program

Budget Perspective November 2017 Report



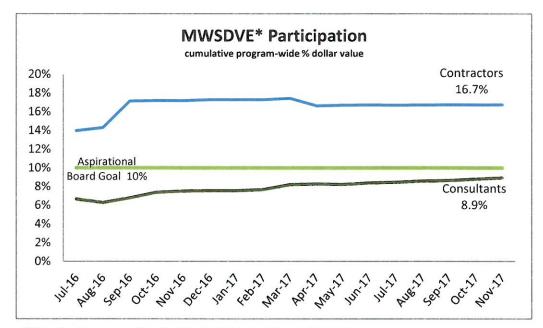
#### 2014 Bond Construction Program

Schedule Perspective November 2017 Report

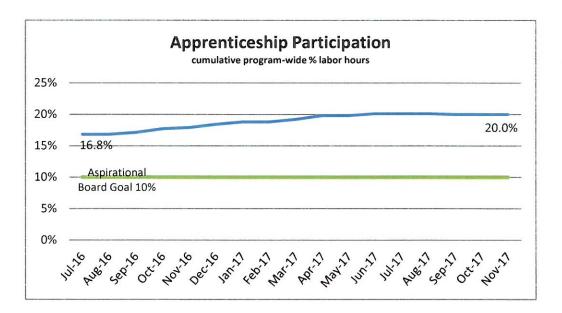
#### **Narrative Comments:** 1. Mountainside, Sato, and Vose are in close-out. Punchlists are nearing No Data completion. On Track **Schedule Perspective** Watch List 2. Permits have been submitted to the various jurisdictions for William Walker and are on track. THPRD will be closing Cedar Hills Park in January 2018 to begin preliminary site work. **New Capacity** Modernization & Major Repairs 3. Schematic Design completed at Five Oaks. Project is on track for 2018 start. Mountainside High School Hazeldale ES Replacement Raleigh Hills Renovation Merlo Station HVAC and Roofing 4. Hazeldale construction is advancing well. The dry weather has helped. Vose ES Replacement Westview HS Roof Replacement Phase 2 Five Oaks Renovation K-5 Site Acquisition Sato K5 ACMA Renovation William Walker K Replacement S. Strategic **Performance Measures** Performance Targets Objectives Occupancy / Completion Goal Established Green = Approved Objective A Project Execution Strategy Developed schedule Establish Schedule Detailed Project Schedule Approved Yellow = 0 - 4 weeks behin Target & Strategy Red > 4 weeks behind 4 Project Programming / Scope Completed 5 Design Contract Awarded Schematic Design (SD) Completed NA Objective B Design Development (DD) Completed NA Planning, Same as Objective A Land Use Permit Approved Permitting & NA Design Phases on Construction Documents (CD) Completed NA 10 Building Permit Approved 11 Prime Contract Notice to Proceed Objective C 12 Construction Started Same as Objective A NA Schedule Certificate of Occupancy Received 14 FF&E Ordered Same as Objective A 15 FF&E Delivered and Installed Objective D Meet Occupancy Completion 16 Occupancy / Completion on Schedule Schedule Target Same as Objective A Projected Occupancy / Completion Dates (month & year) 8-2017 8-2017 2017 8-2017 8-2018 8-2018 8-2020 8-2018 8-2019 8-2020 8-2019

### **2014 Construction Bond Program**

#### Equity Performance November 2017 Report



<sup>\*</sup>Minority, Women and Service Disabled Veteran Owned Enterprises



#### Overall Program Cost Forecast and Available Funding

Project List	Original Funding Allocations	Funding Increases Available to Bond Program	Updat	struction Cost es & Escalated or Inflation			
ACMA Replacement	\$ 28,300,000		\$	39,432,555	SD estimate 2017 +	Solar funds allocated	d
AHS Title IX Compliance	\$ 2,000,000		\$	3,697,441	(eB 11/30/17 EAC)	Color Key	_
Capital Center Improvements & Data Center	\$ 5,000,000		\$	12,820,187	Completed	Final Cost Estimate	
District-Wide ADA Compliance	\$ 2,000,000		\$	2,000,000		Fixed Cost	
District-Wide Communication System	\$ 7,200,000		\$	5,518,030	(eB 11/30/17 EAC)	Estimate Update	(Based upon on-going work)
District-Wide Facility Repairs	\$ 98,000,000		\$	97,058,673		Inflation Projection	(Prior to work starting)
District-Wide HVAC Controls	\$ 800,000		\$	800,000		Abbreviations:	RLB = Rider Levett Bucknall
Domestic / Fire Line Separation	\$ 800,000		\$	977,120			eB = eBuilder proj. mgmt info system
Five Oaks MS Renovation & Expansion	\$ 21,100,000		\$	27,501,419	Schematic Design E	Est Update 3/2017	EAC = \$ Estimate at proj. completion
Green Energy Technology	\$ 5,000,000		\$	-	all funds allocated to	o projects	
Hazeldale K-5 Replacement	\$ 24,600,000		\$	34,256,091	(eB 11/30/17 EAC)		
IT Data Center @ Capital Center	\$ 2,900,000		(Cosi	ts Moved to CC Project)			
Kitchen Improvements	\$ 800,000		\$	977,120			
Land for new K-5 @ So. Cooper Mountain	\$ 3,000,000		\$	7,800,000	School Board Appro	oved \$2.3M increase,	5/15/17
Maintenance Facility Improvements	\$ 10,000,000		\$	11,263,990	Schematic Design E	Stimate 1/2017	
McKay ADA Improvements	\$ 400,000		\$	634,540	Completed		
New HS: Mountainside	\$ 109,000,000		\$	184,735,294	(eB 11/30/17 EAC)		
New ES: Sato K-5	\$ 25,000,000		\$	38,575,000	(eB 11/30/17 EAC)		
New MS @ Timberland	\$ 51,600,000		\$	61,371,096	(eB 11/30/17 EAC)		
Raleigh Hills K-8 Improvements	\$ 9,700,000		\$	13,241,243	Schematic Design E	Estimate 1/2017	
Security Upgrades	\$ 10,000,000		\$	10,600,000			
Seismic Upgrades	\$ 4,200,000		\$	5,206,740			

#### Overall Program Cost Forecast and Available Funding

Project List	Original Funding Allocations		ding Increases ailable to Bond Program		onstruction Cost dates & Escalated for Inflation	
SHS Title IX Compliance	\$ 2,000,000			\$	4,285,317	Completed
Springville K-8 Improvements	\$ 2,000,000	)		\$	510,016	Completed
Vose K-5 Replacement	\$ 24,800,000	1		\$	33,977,390	(eB 11/30/17 EAC)
William Walker K-5 Replacement	\$ 24,600,000	)		\$	35,849,925	Vose estimate + inflation + solar funds allocated
Added Projects	\$ -			\$	2,005,736	
Program Contingency	\$ 45,400,000	)		F	unding available	
Program Inflation	\$ 52,800,000	)			(not a cost)	
Pre-Bond Expenditure Reimbursements	\$ 1,000,000	1		\$	998,828	
Bond Management Costs	\$ 20,000,000	)		\$	30,000,000	
Bond Issuance Costs	\$ 6,000,000	)		\$	4,000,000	
Construction	\$ 600,000,000			\$	670,093,751	
Learning Technology	\$ 56,000,000			\$	56,000,000	
Critical Equipment	\$ 24,000,000	)		\$	24,000,000	
Fech & Equip Subtotal	\$ 80,000,000			\$	80,000,000	
Fotal Original Funding	\$ 680,000,000					
Total Cost Projection				\$	750,093,751	
Bond Premium 1st Bond Sale		\$	63,295,961			
Bond Premium 2nd Bond Sale		\$	30,270,107			
Interest Earnings 1st Bond Sale		\$	5,200,000			
Interest Earnings 2nd Bond Sale		\$	7,205,877			
Other Additional Funding (see tab)		\$	13,429,164			
Additional Funding Subtotal		\$	119,401,109			
Total Funding Available		\$	799,401,109			·
Total Cost Updates				\$	750,093,751	+\$126K
Funding Balance Vs. Cost Updates						\$ 49,307,358 Program Reserve

Project List	Ori	ginal Budget	Added Funding to		rised Approved	Oct-17		Nov-17	Net Con	tinger	cy Balance
Project List	,	Allocations	Bond Program	Cı	urrent Budget	Est @ Comp.	E	st @ Comp.	\$		%
ACMA Replacement	\$	28,300,000		\$	39,432,555	\$ 39,432,555	\$	39,432,555	\$ 5,063,762		14.7%
AHS Title IX Compliance	\$	2,000,000		\$	3,697,441	\$ 3,697,441	\$	3,697,441	\$ 228,381		6.6%
Capital Center Improvements & Data Center	\$	5,000,000		\$	12,820,187	\$ 12,820,187	\$	12,820,187	Compl	eted; F	Final Cost
District-Wide ADA Compliance	\$	2,000,000		\$	2,000,000	\$ 2,000,000	\$	2,000,000			
District-Wide Communication System	\$	7,200,000		\$	5,518,030	\$ 5,518,030	\$	5,518,030	\$ -		
District-Wide Facility Repairs	\$	98,000,000		\$	97,058,673	\$ 97,017,258	\$	97,058,673			
District-Wide HVAC Controls	\$	800,000		\$	800,000	\$ 800,000	\$	800,000			
Domestic / Fire Line Separation	\$	800,000		\$	977,120	\$ 977,120	\$	977,120			
Five Oaks MS Renovation & Expansion	\$	21,100,000		\$	27,501,419	\$ 27,501,419	\$	27,501,419	\$ 3,361,100		13.9%
Green Energy Technology	\$	5,000,000			udget Moved to other Projects)						
Hazeldale K-5 Replacement	\$	24,600,000		\$	34,256,091	\$ 34,256,091	\$	34,256,091	\$ 2,595,258		8.2%
IT Data Center @ Capital Center	\$	2,900,000			udget Moved to CC Project)				(\$358K) Ad modification		ontrol oodshop water
Kitchen Improvements	\$	800,000		\$	977,120	\$ 977,120	\$	977,120	intrusion,	PV inte	er-tie
Land for new K-5 @ So. Cooper Mountain	\$	3,000,000		\$	7,800,000	\$ 7,800,000	\$	7,800,000	\$ 16,590	1	0.2%
Maintenance Facility Improvements Phase-1	\$	10,000,000		\$	11,263,990	\$ 11,263,990	\$	11,263,990	\$ 1,717,359		18.0%
McKay ADA Improvements	\$	400,000		\$	634,540	\$ 634,540	\$	634,540	Compl	eted; F	Final Cost
New HS: Mountainside	\$	109,000,000		\$	184,735,294	\$ 184,735,294	\$	184,735,294	\$ 4,151,342	>	2.3%
New ES: Sato K5	\$	25,000,000		\$	38,575,000	\$ 38,575,000	\$	38,575,001	\$ 180,536		0.5%
New MS @ Timberland	\$	51,600,000		\$	61,371,096	\$ 61,371,096	\$	61,371,096	\$ 266,115		0.4%
Raleigh Hills K-8 Improvements	\$	9,700,000		\$	13,241,243	\$ 13,241,243	\$	13,241,243	\$ 1,929,111		17.1%
Security Upgrades	\$	10,000,000		\$	10,600,000	\$ 10,600,000	\$	10,600,000			

Project List	o	riginal Budget		ded Funding to		vised Approved		Oct-17		Nov-17	Net Con	ingen	cy Balance
1 Toject List		Allocations	E	Bond Program	С	urrent Budget		Est @ Comp.	ı	Est @ Comp.	\$		%
Seismic Upgrades	\$	4,200,000			\$	5,206,740	\$	5,206,740	\$	5,206,740			
SHS Title IX Compliance	\$	2,000,000			\$	4,285,317	\$	4,285,317	\$	4,285,317	Compl	eted; F	inal Cost
Springville K-8 Improvements	\$	2,000,000			\$	510,016	\$	510,016	\$	510,016	Comple	eted; F	inal Cost
Vose K-5 Replacement	\$	24,800,000			\$	33,977,390	\$	33,977,390	\$	33,977,390	\$ 160,085		0.5%
William Walker K-5 Replacement	\$	24,600,000			\$	35,849,925	\$	35,849,925	\$	35,849,925	\$ 3,240,410		9.9%
Added Projects					\$	2,005,736	\$	2,005,736	\$	2,005,737			
Program Contingency	\$	45,400,000					ı						
Program Inflation	\$	52,800,000											
Pre-Bond Expenditure Reimbursements	\$	1,000,000			\$	998,828	\$	998,828	\$	998,828	Comple	eted; F	inal Cost
Bond Management Costs	\$	20,000,000			\$	30,000,000	\$	30,000,000	\$	30,000,000			
Bond Issuance Costs	\$	6,000,000			\$	4,000,000	\$	4,000,000	\$	4,000,000			
Construction	\$	600,000,000			\$	670,093,751	\$	670,052,336	\$	670,093,753			
Learning Technology	\$	56,000,000			\$	56,000,000	\$	56,000,000	\$	56,000,000			
Critical Equipment	\$	24,000,000			\$	24,000,000	\$	24,000,000	\$	24,000,000			
Tech & Equip Subtotal	\$	80,000,000			\$	80,000,000	\$	80,000,000	\$	80,000,000	(\$304K)		
Grand Totals	\$	680,000,000			\$	750,093,751	\$	750,052,336	\$	750,093,753	\$ 22,910,049		
Bond Premium	Т		\$	93,566,068									
Interest Earnings			\$	12,405,877									
Other Additional Funding (see Tab)			\$	13,429,164									
Other Added Funding			\$	119,401,109									
					10	5168K							
GRAND TOTAL 2014 BOND FUNDING			\$	799,401,109	Τ,	TOOK				+\$126K			(\$136K)
Program Reserve							\$	49,348,773	\$	49,307,356			(3130K)
Program Reserve + Project Contingencies												\$	72,258,821

### Additional Funding Allocations

Additional Funding Al	loc	ations to B	ond Program	
Source		Funding	Assigned to Projects	Assigned to gram Reserve
Remaining 2006 Bond Savings	\$	576,615	Mountainside HS	
Capital Center Rent Revenue Balance	\$	433,385	Mountainside HS	
Construction Excise Tax Revenue	\$	1,130,655	Capital Center	
Construction Excise Tax Revenue forecasted to 2021	\$	6,462,036		\$6,462,036
THPRD reimb. SB 1149 reimb.	\$	449,783 1,301,561	+\$41K District-wide Repairs	\$ 449,783
ETO reimb.	\$	688,081		\$ 688,081
Facility grants	\$	1,887,048	+\$126K	\$ 1,887,048
Sato: TVWD Reimbursement	\$	500,000	Sato K-5	
TOTAL		\$13,429,164		\$9,486,948

		Funding A	Allo	cations from G	reen Energy Technology
Project	Transfers into Projects		Во	nd Budget Balance	Comments
			\$	5,000,000	
New High School	\$	2,070,844	\$	2,929,156	172 kW solar PV panels; includes additonal \$81K for solar intertie cost.
New Middle School	\$	951,444	\$		128 kW solar PV panels.
New Kaiser Rd K5	\$	400,000	\$		91 kW solar PV panels.
Vose K5 Replacement	\$	400,000	\$	1,177,712	91 kW solar PV panels.
Hazeldale K5 Replacement	\$	392,571	\$	785,141	Pending
William Walker K5 Replacement	\$	392,571	\$	392,570	Pending
ACMA Replacement	\$	392,570	\$	-	Pending
TOTAL		\$5,000,000	\$		

### 2014 Bond Program Financial Status Report Added Projects

Added Projects	Approved by	Original Budget		ed Approved		Oct-17		Nov-17	N	et Cont Bala	ingency nce
7.44.04.1.10,00.0	& Date	3	Curr	ent Budget	Es	t @ Comp.	Es	t @ Comp.		\$	%
Seclusion Rooms Alterations	Safety Comm 5/19/14		\$	99,368	\$	99,368	\$	99,368		Comp	eted
Portable Relocations 2014	Sr LT 5/20/14		\$	592,111	\$	592,111	\$	592,111		Comp	eted
Portable Relocations 2015	Sr LT 3/2015		\$	294,257	\$	294,257	\$	294,257		Comp	eted
Title IX Projects - Group II	Sr LT 3/2015		\$	1,020,000	\$	1,020,000	\$	1,020,000	\$	-	0.0%
(Projects Financially Complete)											
Added Projects Total		\$ -	\$	2,005,736	\$	2,005,736	\$	2,005,736	\$	-	

District-Wide Repair Projects - Budget = \$98,000,000

Project	Ir	nitial Budget		vised Approved			Oct-17	Nov-17		Net Contingency	Balance
	from B	BCA (Building Condition Assessment)	С	urrent Budget		Е	st @ Comp.	Est @ Comp.		\$	%
Completed Projects	\$	9,135,577	\$	11,137,080		\$	11,137,111	\$ 11,137,111		Completed	l
Beaverton Gym Ceiling	\$	1,000,000	\$	1,000,000		\$	1,000,000	\$ 1,000,000	\$	104,000	11.6%
Beaverton HS Annex Roof	\$	240,200	\$	240,200		\$	240,200	\$ 240,200	\$	20,000	9.1%
Beaverton HS HVAC	\$	3,900,000	\$	3,873,377		\$	3,873,377	\$ 3,873,377	\$	259,250	7.2%
Conestoga Plumbing & Water Int Repair	\$	=	\$	3,317,235		\$	3,317,235	\$ 3,317,235	\$	88,024	2.7%
CP/MP Electrical Upgrades	\$	=	\$	420,605		\$	421,736	\$ 421,736	\$	-	0.0%
CP/MP HVAC Upgrades	\$	2,874,409	\$	7,287,567		\$	7,287,567	\$ 7,287,567	\$	219,705	3.1%
District-Wide Auditorium Upgrades	\$	4,384,538	\$	4,384,538		\$	4,384,538	\$ 4,384,538			
Highland Park Plumbing	\$	1,714,273	\$	1,819,438		\$	1,819,438	\$ 1,819,438	\$	94,160	5.5%
HVAC (BCA) 2017	\$	1,090,624		1,090,624		\$	1,090,624	\$ 1,090,624	-		
WHS Roof Replacement Phase I & 2	\$	2,055,558		3,756,673		\$	3,756,673	\$ 3,756,673	\$	260,403	7.4%
Merlo Station HVAC and Roofing	\$	1,437,729	\$	1,437,729		-		\$ 1,437,729	\$	125,255	9.5%
Ridgewood HVAC	\$	829,173	\$	829,173		-		\$ 829,173	\$	64,152	8.4%
Maint Dept Repair & Improvement Projects*	\$	5,084,521	\$	5,084,521		\$	5,084,521	\$ 5,084,521	•	·	
Repair Projects Total	\$	33,746,602	\$	45,678,759		\$	43,413,020	\$ 45,679,922	\$	1,234,949	
Repair Program Balance Available	\$	64,253,398	\$	51,379,914		\$	53,645,653	\$ 51,378,751			
Repair Program Less Transfers In/Out	\$	97,058,673									
Budget and Est @ Comp. will increase each month as addit	onal Ma	aintenance Dept	. ma	naged Repair Pro	ects	are	scheduled.				
Transfer Trackin	a										
SHS Repairs	\$	(1,881,416)									
HS Emergency Elect	\$	745,833									
apital Center Building Repairs	\$	(2,280,000)									
apital Center Building Repairs	\$	1,090,725									
ransfer From District Wide Communications System	\$	81,970									
B 1149 Reimbursements	\$	1,301,561									
Ne Balanc		(941,327)	\$	97,058,673							

Security Upgrades \$10,600,000 Budget

Security Upgrades		Complete or Progress	Futu	ure Work	Oct-17 Est @ Comp.		_	<b>Nov-17</b> @ Comp.	% Complete
Phase 1: Building Perimeter Secuity	Safety Committee Approved								
Group 1 Schools	2015	\$ 1,546,672	\$	762,744	\$	2,309,416	\$	2,309,416	67%
Group 2a Schools	2016	\$ 1,807,930	\$	189,308	\$	1,997,238	\$	1,997,238	91%
Group 2b Schools	2017	\$ 3,067,434	\$	-	\$	3,067,434	\$	3,067,434	99%
Subtotal currently under contract		\$ 6,422,036							
Group 3a Schools	2018	\$ -	\$	2,988,871	\$	2,988,871	\$	2,988,871	0%
Group 3b Schools	2019	\$ -	\$	3,254,502	\$	3,254,502	\$	3,254,502	0%
Security Projects Total		\$ 6,422,036	\$	7,195,425	\$	13,617,461	\$	13,617,461	

The current project budget is fixed at \$10,600,000. The purpose of this sheet is to demonstate the total estimated cost (design and construction) to complete building perimeter security upgrade needs. The current Est @ Comp. is based on bid results received for the summer 2017 assuming CM/GC procurement (not used in 2015 and 2016 work) and escalation through appropriate completion year.



# 2014 Bond Learning Technology/Classroom Systems and Critical Equipment Purchases November 30, 2017 Report

		Le	arning Techno	ology/Classroom	Systems - \$56 Million
	% Complete	Project To Date Expenditures	2017-18 Budget	2017-18 Expenditures as of 11/30/17	Annual Description of Expenditures
Networking Upgrades \$9,132,995	56%	\$ 5,125,444	\$ 369,082	\$ 61,532	Enterprise wireless upgrades complete. Maintaining current capacity and addressing specific use cases.
Digital Curriculum Development \$4,906,829	43%	\$ 2,122,120	\$ 591,871	\$ 207,162	Salary for six curriculum developers (5.0 FTE); Payment for TeacherSource Enhancements on the professional development module and Lesson Plan design.
Future Ready Schools \$31,913,097	49%	\$ 15,406,219	\$ 2,242,734	\$ 735,855	Initial device deployment compelte with Chromebooks 1:1 in grades 4-12 and iPads 3:1 in grades K-3. Evaluation process beginning to select devices for years 5-8 of the bond.
Technology Modernization \$2,961,479	50%	\$ 1,490,355	\$ 1,176,538	\$ 405,414	Data Center design complete and installation in process. Business Continuity process complete and working on yearly update. Security improvement implementation in process.
Other Technology/ Curriculum Projects \$7,085,600	95%	\$ 6,764,505	\$ -	\$ -	Completed Technology/Curriculum Projects. Includes: student laptop replacements in 2014-15, high school science technology in 2015-16, positive change grants 2014-15 through 2016-17
Total Total Bond Funds Remaining	55%	\$ 30,908,643	\$ 4,380,225	\$ 1,409,963 \$ 25,091,357	



# 2014 Bond Learning Technology/Classroom Systems and Critical Equipment Purchases November 30, 2017 Report

			Criti	cal Equipment -	\$24 Million
	% Complete	Project To Date Expenditures	2017-18 Budget	2017-18 Expenditures as of 11/30/17	Quarterly Description of Expenditures
Buses \$16,000,000	51%	\$ 8,213,223	\$ 2,031,836	\$ -	Approximately \$2 million/year over eight years. In first year, \$4.25 million will be spent and \$2million/year will be spent in years two through seven. \$0 will be spent in the eighth year.
Copiers \$3,609,102	31%	\$ 1,120,252	\$ 50,000	\$ 1,150	Approximately \$250,000/year over eight years.
Classroom Furniture \$2,648,431	53%	\$ 1,397,733	\$ 160,000		Furniture, fixtures & equipment, including technology, for full day kindergarten and additional teachers K-5.
Athletic Equipment \$221,737	16%	\$ 35,235	\$ 206,502	\$ 20,000	Approximately \$100,000/year over three years beginning in year 2. \$75,970 was transferred in year 2 to the Scoreboard Replacements Project.
Maintenance Equipment \$600,000	59%	\$ 351,240	\$ 172,961	\$ 99,201	Approximately \$120,000/year over five years beginning in year 2. Year 2 will have \$185,000. Year 6 will only have \$55,000.
InTouch Printers \$5,586	93%	\$ 5,586	\$ 5,586	\$ 5,586	One time purchase of printers for new online receipting system at all levels.
Other Equipment Purchases \$915,144	100%	\$ 915,143	\$ -	\$ -	Other critical equipment purchases as needed. Purchase of \$15,000 towards new locker banks at Stoller in 14-15, \$250,000 towards new musical instruments in 14-15 and 15-16, \$184,050 for cafeteria table replacements in 15-16, \$344,973 for high school scoreboard replacements in 2015-16 and 2016-17 and \$121,066 towards BSD's portion of shock pad installation at SW Quadrant Park with THPRD in 2016-17.
Total Total Bond Funds Remaining	50%	\$ 12,038,412	\$ 2,626,885	\$ 125,937 \$ 11,961,588	





# Hazeldale Elementary Construction Update

#### **Information from the Beaverton School District**

**November/December 2017** 

Watch our progress on the time-lapse web cam: http://www.dwpwebcams.com/hazeldale/

#### Work Underway:

- Steel beams in administration area and North 2nd floor classrooms
- Precast walls installed for the gymnasium, kindergarten wing and front offices
- Trusses set over the gym
- 2nd floor concrete slab placed for North classrooms
- Footings placed

#### **Work Completed:**

Marlin Road storm line



Trusses over gym



Steel beams in administration area

**General Contractor: Kirby Nagelhout** 

**Architect: DLR Group** 

Substantial Completion: July 2018



Aerial view looking East



Precast panel in gym



Precast panels in administration area