



#### BOND UPDATE

#### POLICY ISSUE/SITUATION

In May 2014, voters approved a capital bond program for the students of the Beaverton School District. An updated monthly status and financial report has been prepared by staff and is being provided for review by the School Board.

#### BACKGROUND INFORMATION

The July 2017 Bond Program Status Report is attached.

#### RECOMMENDATION

It is recommended that the Beaverton School District Board of Directors receive the Bond Program Status Report and provide comments and feedback to staff.

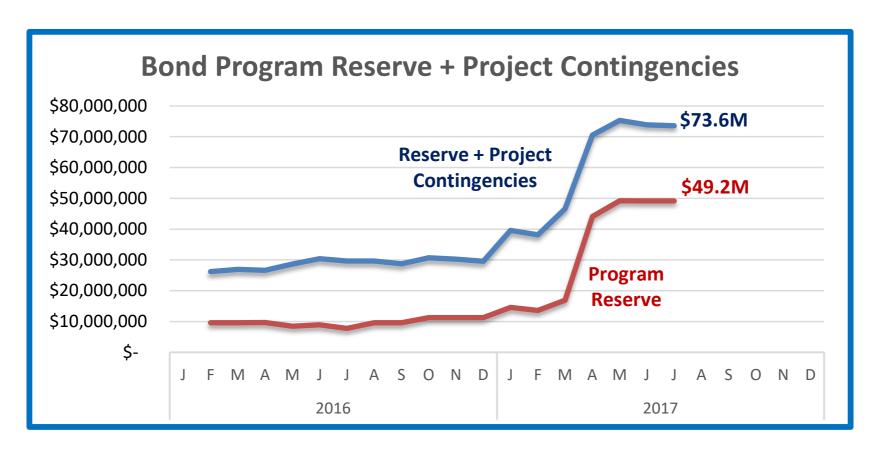
District Goal: WE empower all students to achieve post-high school success.

The Beaverton School District recognizes the diversity and worth of all individuals and groups. It is the policy of the Beaverton School District that there will be no discrimination or harassment of individuals or groups based on race, color, religion, gender, sexual orientation, gender identity, gender expression, national origin, marital status, age, veterans' status, genetic information or disability in any educational programs, activities or employment.



# Bond Program Status Report

Through July 2017



## **Program Reserve**

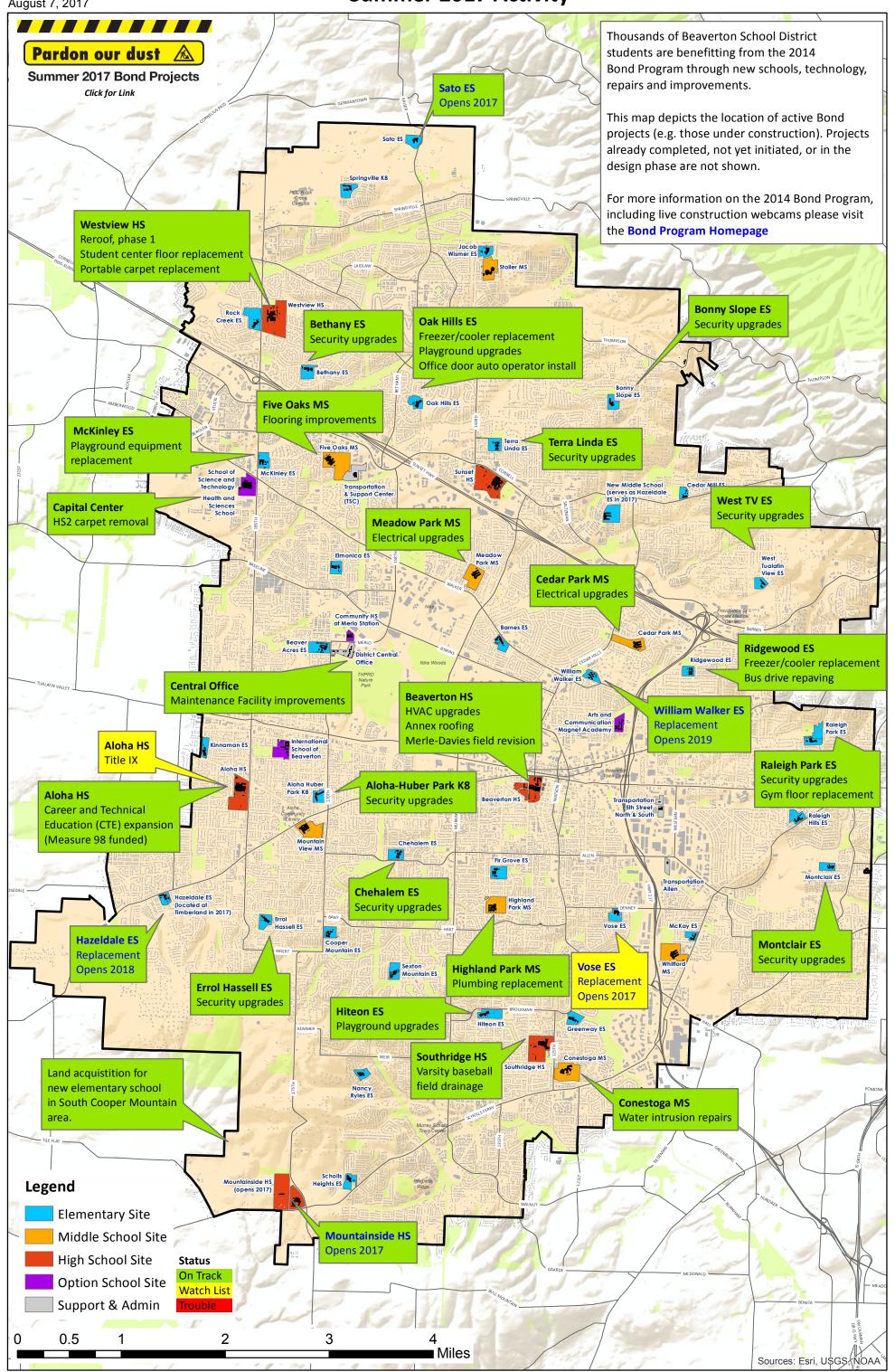
Funding available to the Bond Program but not yet allocated to a project

## **Project Contingencies**

Funding contained within an approved project budget

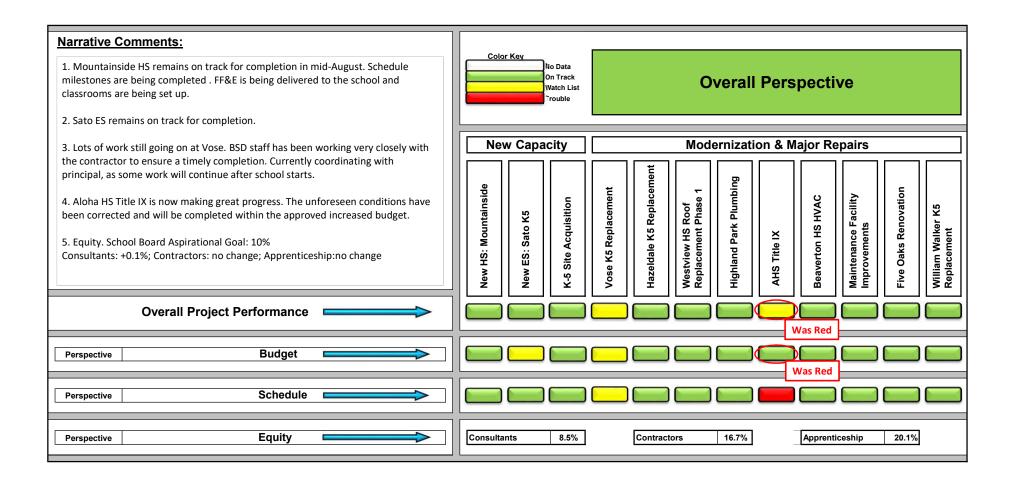






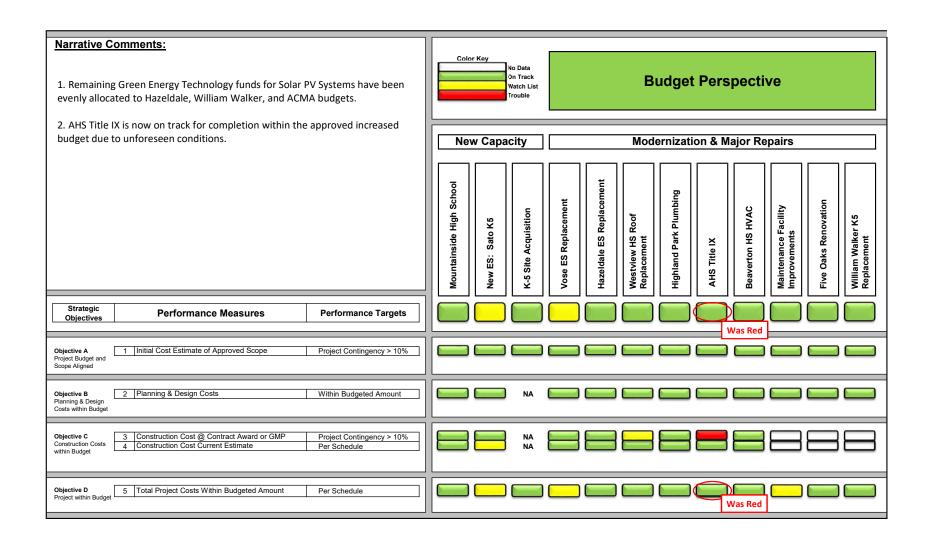
## 2014 Bond Construction Program

Overall Performance
July 2017 Report



## 2014 Bond Construction Program

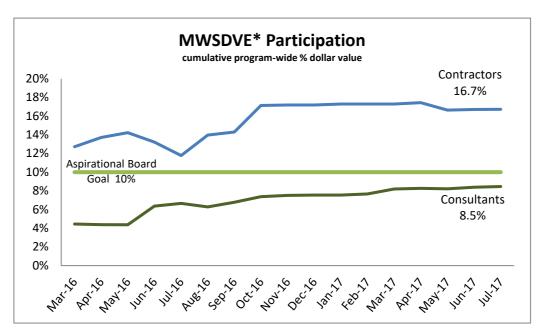
Budget Perspective July 2017 Report



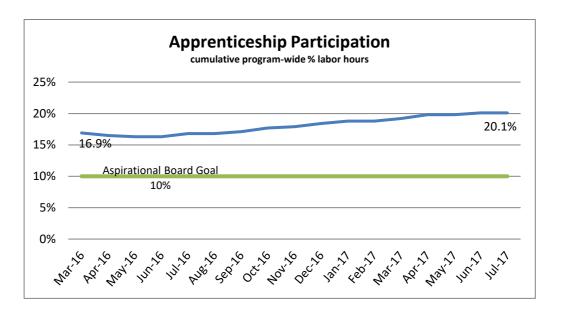
## 2014 Bond Construction Program

Schedule Perspective July 2017 Report

#### **Narrative Comments:** 1. Mountainside, Sato, and Vose are still on track for completion to support No Data school opening in the Fall, though Vose is seeing significant challenges related On Track **Schedule Perspective** to Denney Rd construction and coordination with the city. Watch List 2. Mountainside HS has successfully accomplished its second schedule milestone with Temporary Occupancy received for the south field and parking **New Capacity Modernization & Major Repairs** lot. Athletes are currently participating in practices for Fall sports. 3. Hazeldale demolition is complete. Mountainside High School Hazeldale ES Replacement Highland Park Plumbing Vose ES Replacement Five Oaks Renovation 4. AHS Title IX on track for mid-October completion with efforts to provide Beaverton HS HVAC Maintenance Facility K-5 Site Acquisition Westview HS Roof Replacement William Walker K5 Replacement some spaces nearer to the start of school. Sato AHS Title IX 5. All other projects on track for scheduled completion. ES: Strategic **Performance Measures Performance Targets** Objectives Occupancy / Completion Goal Established Green = Approved Objective A 2 Project Execution Strategy Developed schedule. Establish Schedul Detailed Project Schedule Approved Yellow = 0 - 4 weeks behind NA Target & Strategy Red > 4 weeks behind 4 Project Programming / Scope Completed 5 Design Contract Awarded 6 Schematic Design (SD) Completed NA Objective B 7 Design Development (DD) Completed NA Planning, Same as Objective A 8 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 Construction or Schedule 13 Certificate of Occupancy Received 14 FF&E Ordered NA 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 8-2017 10-2017 8-2017 8-2018 8-2020 8-2019 8-2017



\*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		onstruction Cost lates & Escalated for Inflation				
ACMA Replacement	\$ 28,300,000		\$	39,432,555	P	SD estimate 2017 +	- Solar funds allocate	d
AHS Title IX Compliance	\$ 2,000,000		\$	3,697,441		(eB 7/31/17 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 7/31/17 EAC)	Estimate Update	(Based upon on-going work)
District-Wide Facility Repairs	\$ 98,000,000		\$	97,017,258			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 B	Est Update 3/2017	EAC = \$ Estimate at proj. completion
Green Energy Technology	\$ 5,000,000		\$		b	all funds allocated t	o projects	
Hazeldale K-5 Replacement	\$ 24,600,000		\$	34,256,091	b	eB 7/31/17 EAC + s	solar funds allocated	
IT Data Center @ Capital Center	\$ 2,900,000		(Co	osts 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 B	Estimate 1/2017	
McKay ADA Improvements	\$ 400,000		\$	634,540		Completed		
New HS: Mountainside	\$ 109,000,000		\$	184,735,294		(eB 7/31/17 EAC)		
New ES: Sato K-5	\$ 25,000,000		\$	38,575,000		(eB 7/31/17 EAC)		
New MS @ Timberland	\$ 51,600,000		\$	61,371,096		(eB 7/31/17 EAC)		
Raleigh Hills K-8 Improvements	\$ 9,700,000		\$	13,241,243		Schematic Design B	Estimate 1/2017	
Security Upgrades	\$ 10,000,000		\$	10,600,000				
Seismic Upgrades	\$ 4,200,000		\$	5,206,740				
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		\$	33,977,390		(eB 7/31/17 EAC)		



## Overall Program Cost Forecast and Available Funding

Project List	Or	iginal Funding Allocations	nding Increases ailable to Bond Program		onstruction Cost dates & Escalated for Inflation	
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		\$	998,828	
Bond Management Costs	\$	20,000,000		\$	30,000,000	
Bond Issuance Costs	\$	6,000,000		\$	4,000,000	
Construction	\$	600,000,000		\$	670,052,337	
Learning Technology	\$	56,000,000		\$	56,000,000	
Critical Equipment	\$	24,000,000		\$	24,000,000	
Tech & Equip Subtotal	\$	80,000,000		\$	80,000,000	
Total Original Funding	\$	680,000,000				
Total Cost Projection				\$	750,052,337	
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)			\$ 13,241,164			
Additional Funding Subtotal			\$ 119,213,109			
Total Funding Available			\$ 799,213,109			no net change this month
Total Cost Updates				\$	750,052,337	
Funding Balance Vs. Cost Updates						<b>49,160,772</b> Program Reserve



Project List	Original Budget		Revised Approved		Jun-17	Jul-17		Net Con	tingency Balance
	Allocations	Bond Program	Current Budget	Es	st @ Comp.	Est @ Comp.		\$	%
ACMA Replacement	\$ 28,300,000	_	\$ 39,432,555	\$	39,039,985	\$ 39,432,555	\$	5,063,762	14.7%
AHS Title IX Compliance	\$ 2,000,0	+\$393K solar funds alloc	3,697,441	\$	3,697,441	\$ 3,697,441	\$	160,510	4.5%
Capital Center Improvements & Data Center	\$ 5,000,000	0	\$ 12,820,187	\$	12,820,187	\$ 12,820,187		Compl	eted; Final Cost
District-Wide ADA Compliance	\$ 2,000,000	0	\$ 2,000,000	\$	2,000,000	\$ 2,000,000			
District-Wide Communication System	\$ 7,200,000	0	\$ 5,518,030	\$	5,518,030	\$ 5,518,030	\$	113,228	2.1%
District-Wide Facility Repairs	\$ 98,000,000	0	\$ 97,017,258	\$	97,017,258	\$ 97,017,258			
District-Wide HVAC Controls	\$ 800,000	0	\$ 800,000	\$	800,000	\$ 800,000		(+001/)	
Domestic / Fire Line Separation	\$ 800,000	0	\$ 977,120	\$	977,120	\$ 977,120		(\$60K) <i>F</i>	Additional Abatement
Five Oaks MS Renovation & Expansion	\$ 21,100,000	0	\$ 27,501,419	\$	27,501,419	\$ 27,501,419	\$	3,361,100	13.9%
Green Energy Technology	\$ 5,000,00	+\$393K solar funds allo	cated -	\$	1,177,712	\$ -			
Hazeldale K-5 Replacement	\$ 24,600,000	0	\$ 34,256,091	\$	33,863,520	\$ 34,256,091	\$	2,927,188	9.3%
IT Data Center @ Capital Center	\$ 2,900,000	0	(Budget Moved to CC Project)						
Kitchen Improvements	\$ 800,000	0	\$ 977,120	\$	977,120	\$ 977,120			
Land for new K-5 @ So. Cooper Mountain	\$ 3,000,000	0	\$ 7,800,000	\$	7,800,000	\$ 7,800,000	\$	16,590	0.2%
Maintenance Facility Improvements	\$ 10,000,000	0	\$ 11,263,990	\$	11,263,990	\$ 11,263,990	\$	1,717,359	18.0%
McKay ADA Improvements	\$ 400,000	0	\$ 634,540	\$	+\$74K Saving	s in FF&E Budget		Compl	eted; Final Cost
New HS: Mountainside	\$ 109,000,000	0	\$ 184,735,294	\$	184,735,294	\$ 184,735,294	\$	4,975,600	2.8%
New ES: Sato K5	\$ 25,000,000	0	\$ 38,575,000	\$	38,575,000	\$ 38,575,000	\$	170,604	0.4%
New MS @ Timberland	\$ 51,600,000	0	\$ 61,371,096	\$	61,371,096	\$ 61,371,096	\$	266,115	0.4%
Raleigh Hills K-8 Improvements	\$ 9,700,000	0	\$ 13,241,243	\$	13,241,243	\$ 13,241,243	\$	1,929,111	17.1%
Security Upgrades	\$ 10,000,000	0	\$ 10,600,000	\$	10,600,000	\$ 10,600,000	I I .		up as forecasted item
Seismic Upgrades	\$ 4,200,000	0	\$ 5,206,740	\$	5,206,740	\$ 5,206,740	be	ecome reality	y, no new issues
SHS Title IX Compliance	\$ 2,000,000	0	\$ 4,285,317	\$	4,285,317	\$ 4,285,317		Compl	eted; Final Cost



Project List	riginal Budget		dded Funding to		vised Approved		Jun-17		Jul-17		Net Con	tinge	ency Baland	е
1 TOJECT LIST	Allocations		Bond Program	С	urrent Budget		Est @ Comp.	1	Est @ Comp.		\$		%	
		•												
Springville K-8 Improvements	\$ 2,000,000			\$	510,016	\$	510,016	\$	510,016		Compl	eted;	Final Cost	
Vose K-5 Replacement	\$ 24,800,000			\$	33,977,390	\$	33,977,390	\$	33,977,390	\$	496,395	>\ -	1.5%	
William Walker K-5 Replacement	\$ 24,600,000			\$	35,849,925	\$	35,457,354	\$	35,849,925	\$	3,240,410		9.9%	
Added Projects	+\$39	3K	solar funds allocat	ed	2,005,736	\$	2,005,736	\$	2,005,736		(\$166K) Do	nnov	y Rd storm,	
Program Contingency	\$ 45,400,000				_	11					elevator co	mm	unication re	q'd by
Program Inflation	\$ 52,800,000										City, mech	dilica	ii screens	
Pre-Bond Expenditure Reimbursements	\$ 1,000,000			\$	998,828	\$	998,828	\$	998,828		Compl	eted;	Final 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			\$	670,052,336	\$	670,052,336	\$	670,052,336					
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					
Grand Totals	\$ 680,000,000			\$	750,052,336	\$	750,052,336	\$	750,052,336	\$	24,437,972	$\supset$		
Bond Premium		\$	93,566,068								(\$ <b>2</b>	50K)	7	
Interest Earnings		\$	12,405,877								(+	,		
Other Additional Funding (see Tab)		\$	13,241,164											
Other Added Funding		\$	119,213,109											
GRAND TOTAL 2014 BOND FUNDING		\$	799,213,109											
Program Reserve						\$	49,160,773	\$	49,160,773				(\$250K)	
Program Reserve + Project Contingencies										_		\$	73,5	98,745

## 2014 Bond Program Financial Status Report Additional Funding Allocations

Additional Funding Allocations to Bond 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.	\$	449,783		\$	449,783								
SB 1149 reimb.	\$	1,260,146	District-wide Repairs										
ETO reimb.	\$	541,496	,	\$	541,496								
Facility grants	\$	1,887,048		\$	1,887,048								
Sato: TVWD Reimbursement	\$	500,000	Sato K-5										
TOTAL		\$13,241,164			\$9,340,363								

## 2014 Bond Program Financial Status Report Green Energy Technology Fund Transfers

		Funding A	Allo	cations from G	reen Energy Technology
Project	Transfers into Projects			ond 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	\$	1,577,712	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	\$	-	



## BEAVERTON 2014 Bond Program Financial Status Report **Added Projects**

Added Projects	Approved by	Original Budget		sed Approved		Jun-17		Jul-17	Net Con Bala	tingency ince
7.0.000.1.10,0010	& Date	3	Cur	rent Budget		Est @ Comp.	E	st @ Comp.	\$	%
Seclusion Rooms Alterations	Safety Comm 5/19/14		\$	99,368		\$ 99,368	\$	99,368	Com	peted
Portable Relocations 2014	Sr LT 5/20/14		\$	592,111	;	\$ 592,111	\$	592,111	Com	peted
Portable Relocations 2015	Sr LT 3/2015		\$	294,257		\$ 294,257	\$	294,257	Comp	peted
Title IX Projects - Group II	Sr LT 3/2015		\$	1,020,000	;	\$ 1,020,000	\$	1,020,000	\$ 26,110	2.6%
(Projects Financially Complete)										
Added Projects Total		\$ -	\$	2,005,736		\$ 2,005,736	\$	2,005,736	\$ 26,110	
,									•	



## 2014 Bond Program Financial Status Report

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

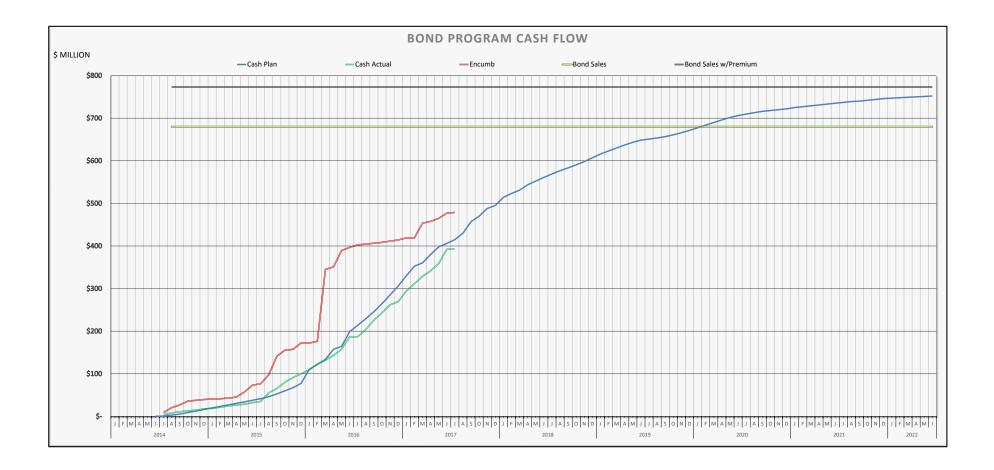
Project		In	itial Budget		vised Approved			Jun-17		Jul-17		Net Contingency E	Balance
		from B	CA (Building Condition Assessment)	С	urrent Budget		E	st @ Comp.	E	Est @ Comp.		\$	%
Completed Projects		\$	9,135,577	\$	11,137,080		\$	11,137,080	\$	11,137,111		Completed	
Beaverton HS Annex Roof		\$	240,200	\$	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	\$	381,552	10.9%
Conestoga Plumbing & Water Int Repair		\$	-	\$	3,317,235		\$	3,317,235	\$	3,317,235	\$	94,347	2.9%
CP/MP Electrical Upgrades		\$	-	\$	420,605		\$	420,605	\$	420,605	\$	4,066	1.0%
CP/MP HVAC Upgrades		\$	2,874,409	\$	7,287,567		\$	7,287,567	\$	7,287,567	\$	218,718	3.1%
District-Wide Auditorium Upgrades		\$	4,384,538	\$	4,384,538		\$	4,384,538	\$	4,384,538			
Highland Park Plumbing +\$50K, added cor		$\Box$	1,714,273	\$	1,819,438		\$	1,819,438	\$	1,819,438	\$	159,680	9.6%
HVAC (BCA) 2017 and its BCA budg	et for Conestoga		1,090,624	\$	1,090,624		\$	1,090,624	\$	1,090,624			
WHS Roof Replacement Phase I		\$	2,055,558	\$	3,756,673		\$	3,756,673	\$	3,756,673	\$	260,403	7.4%
Maint Dept Repair & Improvement Projects*		\$	5,084,521	\$	5,084,521		\$	5,084,521	\$	5,084,521			
Repair Projects Total		\$	30,479,700	\$	42,411,857		\$	42,411,858	\$	42,411,858	\$	1,138,766	
Repair Program Balance Available		\$	67,520,300	\$	54,605,401		\$	54,605,400	\$	54,605,400			
Repair Program Less Transfers In/Out		\$	97,017,258										
*Budget and Est @ Comp. will increase each n	nonth as additiona	al Mair	ntenance Dept. r	nana 	aged Repair Proje	cts ar	e sc	heduled.					
Т	ransfer Tracking										1		
SHS Repairs		\$	(1,881,416)										
SHS Emergency Elect		\$	745,833										
Capital Center Building Repairs		\$	(2,280,000)										
Capital Center Building Repairs		\$	1,090,725										
Transfer From District Wide Communications S	System	\$	81,970										
SB 1149 Reimbursements		\$	1,260,146										
	Net	\$	(982,742)		<b></b>								
	Balance			\$	97,017,258								15

## 2014 Bond Program Financial Status Report

Security Upgrades \$10,600,000 Budget

Security Upgrades		Complete or Progress	Fut	ıre Work		un-17 @ Comp.	<b>Jul-17</b> @ Comp.	% Complete
Phase 1: Building Perimeter Secuity	Safety Committee Approved							
Group 1 Schools	2015	\$ 1,469,416	\$	840,000	\$	2,309,416	\$ 2,309,416	64%
Group 2a Schools	2016	\$ 1,772,238	\$	225,000	\$	1,997,238	\$ 1,997,238	89%
Group 2b Schools	2017	\$ 3,067,434	\$	-	\$	3,067,434	\$ 3,067,434	45%
Subtotal currently under contract		\$ 6,309,088						
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		\$ 6,309,088	\$	7,308,373	\$	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 all identified security upgrade needs. The July 2017 Est @ Comp. is based on bid results received for the 2017 work currently in progress assuming CM/GC procurement (not used in 2015 and 2016 work) and escalation through appropriate completion year.





# Mountainside High School Construction Update

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

**July 2017** 

### Hoffman has worked more than 903,000 hours

### **Work Completed:**

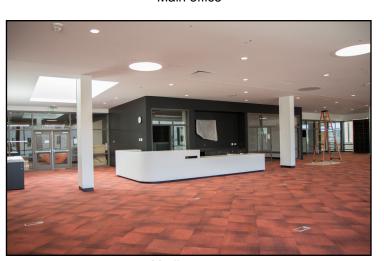
- Mascot brick sealed and washed
- Gym bleachers installed

### Work Underway:

- · Auditorium electrical and audio visual
- Kitchen equipment startup
- Gym floor sanding
- Roof solar panels
- Television installation
- Landscaping
- Main entry concrete
- Tennis courts
- Painting
- Courtyard



Main office



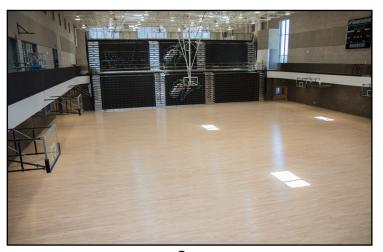
**General Contractor: Hoffman Construction** 

**Architect: Bora** 

Anticipated completion date: August 2017



Aerial view looking west



Gym



Media center Hallway 1



## **Sato Elementary Construction Update**

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

**July 2017** 

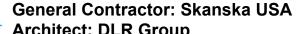
Watch our progress on the time-lapse web cam: http://oxblue.com/open/beavertonschooldistrict/kaiser Architect: DLR Group

#### **Work Completed:**

Playground equipment

### Work Underway:

- Furniture installation
- Skylight installation
- · Playground surface
- Painting
- · Elevator installation
- Drywall
- Interior handrails
- · Mechanical, electrical and plumbing



Anticipated completion date: August 2017



Aerial view looking southwest



Repurposed barn wood installation



Gym







Classroom



# Vose Elementary Construction Update

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

**July 2017** 

Watch our progress on the time-lapse web cam:

http://dwpwebcams.com/vose

## **Work Completed:**

- Frontier phone connection
- Generator installation
- East parking lot paving
- Ceramic tile

### Work Underway:

- · Landscaping and irrigation
- Playground
- Covered play
- Denney Road intersection
- Sidewalks
- Perimeter fence
- West parking lot
- Interior painting
- · Electrical and plumbing fixtures
- Kitchen equipment



Front entry



Playground

**General Contractor: Triplett Wellman** 

**Architect: DLR Group** 

Anticipated completion date: August 2017



Aerial looking southwest



Carpet and wainscot



Storm water pond



# Hazeldale Elementary Construction Update

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

**July 2017** 

Watch our progress on the time-lapse web cam: <a href="http://www.dwpwebcams.com/hazeldale/">http://www.dwpwebcams.com/hazeldale/</a>

### **Work Completed:**

- School & staff boxes moved to the new middle school at 118th, Hazeldale's temporary 2017-18 location
- Portables moved
- Furniture surplused to other schools/districts
- · Equipment salvaged by maintenance and IT
- Utilities shut off
- Tree removal
- Site fencing

### Work Underway:

- Demolition
- Site grading



Moving day

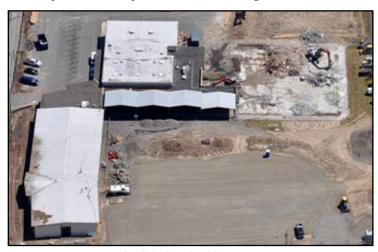


Demolition

**General Contractor: Kirby Nagelhout** 

**Architect: DLR Group** 

Anticipated completion date: August 2018



Aerial view looking east



Demolition



Demolition