

Issue Paper #15: School Bond Package Alternatives

1. Background

District staff have developed six (6) School Bond Package Alternatives to present and discuss with the Bond Advisory Committee at the January 4, 2017 committee meeting. The packages layout alternatives at four different funding levels as presented in Issue Paper #14 and described below. The packages also emphasize different approaches to project selection. At the January 4th Bond Advisory Committee meeting we will present each bond package alternative and then provide an opportunity for committee members through small group discussion to:

- Discuss the bond scenario packages;
- Identify areas of agreement or concern;
- Suggest modifications to or new bond package alternatives;
- Prioritize a short-list of bond package alternatives that District staff can share with the community at a public open house in late January; or
- If the committee would like to have one more opportunity to refine and review school bond package alternatives before presenting at a public open house, have District staff bring back a shorter list of alternatives to the February 1, 2017 Bond Advisory Committee meeting. Direction could be provided at that meeting on the alternatives to present to at a public open house.

2. Bond Package Alternatives

At Bond Advisory Committee Meeting #2, staff shared a project spreadsheet with over \$700 million in needed projects. This spreadsheet has been summarized into the "Big List" that is attached to this Issue Paper and totals \$710 million. The individual alternatives were developed from this overall list to match the four bond funding levels presented in Issue Paper 14. Note: each bond package alternative highlights "Mandatory" projects (in red type) and "Strongly Recommended Items" (in blue type). Based on these bond totals the following six bond package alternatives were developed:

- 1. Bond Package 1A (Base Alternative)
 - Funding Level = \$327.5 million
 - Notable Projects: Two new Elementary Schools (N. Plains and S. Hillsboro), satellite transportation facility, Hillhi upgrade and Glencoe Addition.
- 2. Bond Package 2A
 - Funding Level = \$355.6 million
 - Notable Projects: Identical to Bond Package 1A with the addition of:
 - Addition of 2nd elementary school in South Hillsboro;
 - And the elimination of:
 - Convert Libraries to Learning Centers
 - Classroom Furniture Replacement
 - A portion of the Add Air Conditioning



Bond Package 2B

- Funding Level = \$355.6 million
- Notable Projects: Identical to Bond Package 1A with the addition of:
 - Improve Parent Bus Drop Off
 - Install Cameras on All Buses
 - Seal Building Exterior
 - Replace Windows
 - Replace Portable Buildings w/ Permanent Structures

4. Bond Package 3A

- Funding Level = \$392.5 million
- Notable Projects: Identical to Bond Package 1A with the addition of:
 - A portion Improve Parent Bus Drop Off
 - Install Cameras on All Buses
 - Improve Drainage to Fields and Playgrounds
 - Remodel Health Room
 - Seal Building Exterior
 - Paint Building Exterior
 - Replace Windows
 - Replace Gym Floor
 - Replace Portable Buildings w/ Permanent Structures
 - Replacement of Brookwood Elementary with a new school

5. Bond Package 4A

- Funding Level = \$420.6 million
- Notable Projects: Identical to Bond Package 3A with the addition of:
 - Addition of 2nd elementary school in South Hillsboro
- And the elimination of:
 - A portion of the Add Air Conditioning
 - Improve Drainage to Fields and Playgrounds
 - Remodel Health Room
 - Replace Gym Floor
 - Seal Building Exterior
 - Paint Building Exterior
 - Replace Windows

6. Bond Package 4B

- Funding Level = \$420.6 million
- Identical to Bond Package 3A with the addition of:
 - Entire Improve Parent Bus Drop Off
 - Additional portion of Classroom Furniture Replacement
 - Portion of Pavement, Sidewalks and Parking Lots
 - Resurface Tennis Courts
 - New Artificial Turf Playfields
 - Construction New Track
 - Land Purchase

Overall Bond Projects - "Big List"

overall bolla i rojecto Big Elot	Totals based on	
Description	Escalation	% of Package 1A
1.0 Safety & Security	\$76,721,866	10.80%
1.1 School Safety Upgrades	\$11,790,694	
1.2 School Seismic Upgrades	\$51,275,992	
1.3 Improve Parent/Bus Drop Off	\$11,020,992	
1.4 Install Cameras on All Buses	\$744,188	
1.5 Playground Upgrades	\$1,890,000	
2.0 Technology	\$31,320,508	4.41%
2.1 Technology-Schools	\$14,562,861	
2.2 Technology-District	\$15,932,500	
2.3 Convert Libraries to Learning Centers	\$825,147	
3.0 Capacity	\$324,747,469	45.72%
3.1 New Elementary School in North Plains	\$38,587,500	
3.2 New Elementary School in South Hillsboro 1	\$38,587,500	
3.3 New Elementary School in South Hillsboro 2	\$40,516,875	
3.4 New Elementary School in Cornelius	\$42,542,719	
3.5 Evergreen Middle School Addition	\$18,786,600	
3.6 Brown Middle School Addition	\$18,900,000	
3.7 Poynter Middle School Addition	\$24,761,599	
3.8 South Meadows Middle School Addition	\$10,174,500	
3.9 Hilhi Addition & CTE	\$26,011,248	
3.10 Glencoe Addition & CTE	\$23,600,276	
3.11 Century Addition & CTE	\$22,035,413	
3.12 Liberty Addition & CTE	\$20,243,239	
4.0 Modernization	\$128,848,723	18.14%
4.1 Systems Upgrades and Improvements	\$94,083,073	
4.2 Collaborative Student Furnishings	\$20,000,000	
4.3 Replace Portable Classrooms	\$14,765,650	
5.0 Replacement Schools	\$67,668,257	9.53%
5.1 Brookwood	\$29,411,099	
5.2 Ladd Acres	\$38,257,158	
6.0 Support Facilities	\$45,586,523	6.42%
6.1 Multi-Purpose Fieldhouse	\$8,833,692	
6.2 Satellite Transportation Facility	\$16,352,831	
6.3 Construct New Gyms to eliminate Caregymatoriums	100000000000000000000000000000000000000	
	\$674,893,346	
7.0 Land	\$5,000,000	0.70%
8.0 Bond Issuance Cost (1.5%)	\$10,123,400	1.43%
9.0 District Bond Costs (3.0%)	\$20,246,800	<u>2.85%</u>
	\$710,263,547	100.00%

BOND PACKAGE 1A

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Debt Service

Maintain \$2.24/\$1,000 AV through 2025

4% AV Growth 2018-2021

3% AV Growth 2022-2038

\$327,455,000 **Bond Proceeds**

			. 0 to . 0 = 0 = 0	
		Description	Escalation	1A
1.0	Safety & Security	SAFETY & SECURITY TOTAL	\$64,956,686	19.84%
	Column 1	School Safety Upgrades	\$11,790,694	
	Column 2	School Seismic Upgrades	\$51,275,992	
	Column 5	Playground Upgrades	\$1,890,000	
2.0	Technology	TECHNOLOGY TOTAL	\$21,988,008	6.71%
	Column 6	Technology-Classroom	\$14,562,861	
	Column 6	Technology-Infrastructure *	\$6,600,000	
	Column 7	Convert Libraries to Learning Centers	\$825,147	
3.0	Capacity	CAPACITY TOTAL	\$145,573,124	44.45%
	Column 8	New Elementary School in North Plains	\$38,587,500	
	Column 8	New Elementary School in South Hillsboro 1	\$38,587,500	
	Column 8	Evergreen Middle School Addition	\$18,786,600	
	Column 8	Hilhi Upgrade (Not addition) *	\$11,011,248	
	Column 8	Glencoe Addition	\$18,600,276	
	Column 9	High School CTE Investment	\$20,000,000	
4.0	Modernization	MODERNIZATION TOTAL	\$64,502,803	19.70%
	Column 10	Classroom Furniture Replacement *	\$10,000,000	
	Column 11	Roofing	\$20,781,192	(\$2,050,000 deduct from completion of Seismic)
	Column 12	Add Air Conditioning	\$17,283,616	
	Column 13	Upgrade HVAC	\$3,488,307	
	Column 14	Add Heat to HVAC	\$194,378	
	Column 15	Water Pipe Replacement	\$3,510,735	
	Column 16	Boiler Replacement	\$2,619,705	
	Column 17	Direct Digital Controls (DDC)	\$4,657,735	
	Column 18	Walk-In Freezer	\$341,208	
	Column 19	Upgrade Electrical Service/Generator	\$554,112	
	Column 21	Rooftop Condensor Replacement	\$114,604	
	Column 22	Chiller Replacement	\$957,211	
5.0	Replacement Schools	REPLACEMENT SCHOOLS TOTAL	\$0	0.00%
6.0	Support Facilities	SUPPORT FACILITIES TOTAL	\$16,352,831	4.99%
	Column 39	Satellite Transportation Facility	\$16,352,831	
7.0	Land	LAND TOTAL	<u>\$0</u>	0.00%
		TOTALS	\$313,373,452	
8.0	Bond Issuance Cost (1.5%)	BOND ISSUANCE COST TOTAL	\$4,700,602	1.44%
9.0	District Bond Costs (3.0%)	DISTRICT BOND COSTS TOTAL	\$9,401,204	<u>2.87%</u>
		BOND PACKAGE 1A TOTAL	\$327,475,257	100.00%
	Mandatory Items	Life/Safety and Capacity/Bond Program Costs	\$191,730,367	
	Strongly Recommended Items	Necessary Infrastructure not possible from General Fund	\$43,264,463	
	L	TOTAL Mandatory/Strongly Recommended	\$234,994,830	

Totals based on % of Package

^{01/04/17} BAC * Project total is included at less than total on "Big Bond List"

BOND PACKAGE 2A

sumptions:				
ebt Service	Maintain \$2.24/\$1,000 AV throug	h 2027		
ebt Service	4% AV Growth 2018-2021	11 2027		
	3% AV Growth 2022-2038			
and Proceeds	\$355,635,000			
ona i roceeus	\$333,033,000		Totals based on	
		Description	Escalation	% of Package 2A
1.0	Safety & Security	SAFETY & SECURITY TOTAL	\$64,956,686	18.27%
2.0	Column 1	School Safety Upgrades	\$11,790,694	20.27
	Column 2	School Seismic Upgrades	\$51,275,992	
	Column 5	Playground Upgrades	\$1,890,000	
2.0	Technology	TECHNOLOGY TOTAL	\$21,162,861	5.95%
	Column 6	Technology-Classroom	\$14,562,861	
	Column 6	Technology-Infrastructure *	\$6,600,000	
	Column 7	Convert Libraries to Learning Centers	\$0	
3.0	Capacity	CAPACITY TOTAL	\$186,089,999	52.35%
5.0	Column 8	New Elementary School in North Plains	\$38,587,500	
	Column 8	New Elementary School in South Hillsboro 1	\$38,587,500	
	Column 8	New Elementary School in South Hillsboro 2	\$40,516,875	
	Column 8	Evergreen Middle School Addition	\$18,786,600	
	Column 8	Hilhi Upgrade (Not addition) *	\$11,011,248	
	Column 8	Glencoe Addition	\$18,600,276	
	Column 9	High School CTE Investment	\$20,000,000	
4.0	Modernization	MODERNIZATION TOTAL	\$51,602,803	14.52%
	Column 10	Classroom Furniture Replacement *	\$0	
	Column 11	Roofing	\$20,781,192	(\$2,050,000 deduct from completion of Seismic
	Column 12	Add Air Conditioning *	\$14,383,616	
	Column 13	Upgrade HVAC	\$3,488,307	
	Column 14	Add Heat to HVAC	\$194,378	
	Column 15	Water Pipe Replacement	\$3,510,735	
	Column 16	Boiler Replacement	\$2,619,705	
	Column 17	Direct Digital Controls (DDC)	\$4,657,735	
	Column 18	Walk-In Freezer	\$341,208	
	Column 19	Upgrade Electrical Service/Generator	\$554,112	
	Column 21	Rooftop Condensor Replacement	\$114,604	
	Column 22	Chiller Replacement	\$957,211	
5.0	Replacement Schools	REPLACEMENT SCHOOLS TOTAL	\$0	0.00%
6.0	Support Facilities	SUPPORT FACILITIES TOTAL	\$16,352,831	4.60%
	Column 39	Satellite Transportation Facility	\$16,352,831	
7.0	Land	LAND TOTAL	\$0	0.00%
		TOTALS	\$340,165,180	
8.0	Bond Issuance Cost (1.5%)	BOND ISSUANCE COST TOTAL	\$5,102,478	1.44%
9.0	District Bond Costs (3.0%)	DISTRICT BOND COSTS TOTAL	\$10,204,955	2.87%
		BOND PACKAGE 2A TOTAL	\$355,472,613	100.00%
	Mandatory Items	Life/Safety and Capacity/Bond Program Costs	\$192,935,995	٦
	Strongly Recommended Items	Necessary Infrastructure not possible from General Fund	\$43,264,463	
		TOTAL Mandatory/Strongly Recommended	\$236,200,458	1

BOND PACKAGE 2B

Totals based on % of Package

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Debt Service Maintain \$2.24/\$1,000 AV through 2027

4% AV Growth 2018-2021

3% AV Growth 2022-2038

Bond Proceeds \$355,635,000

			Totals based on	% of Package
		Description	Escalation	2B
1.0	Safety & Security	SAFETY & SECURITY TOTAL	\$76,721,866	21.62%
	Column 1	School Safety Upgrades	\$11,790,694	
	Column 2	School Seismic Upgrades	\$51,275,992	
	Column 3	Improve Parent/Bus Drop Off	\$11,020,992	
	Column 4	Install Cameras on All Buses	\$744,188	
	Column 5	Playground Upgrades	\$1,890,000	
2.0	Technology	TECHNOLOGY TOTAL	\$21,988,008	6.20%
	Column 6	Technology-Classroom	\$14,562,861	
	Column 6	Technology-Infrastructure *	\$6,600,000	
	Column 7	Convert Libraries to Learning Centers	\$825,147	
3.0	Capacity	CAPACITY TOTAL	\$145,573,124	41.03%
	Column 8	New Elementary School in North Plains	\$38,587,500	
	Column 8	New Elementary School in South Hillsboro 1	\$38,587,500	
	Column 8	Evergreen Middle School Addition	\$18,786,600	
	Column 8	Hilhi Upgrade (Not addition) *	\$11,011,248	
	Column 8	Glencoe Addition	\$18,600,276	
	Column 9	High School CTE Investment	\$20,000,000	
4.0	Modernization	MODERNIZATION TOTAL	\$78,879,367	22.23%
	Column 10	Classroom Furniture Replacement *	\$10,000,000	
	Column 11	Roofing	\$20,781,192	(\$2,050,000 deduct from completion of Seismic)
	Column 12	Add Air Conditioning	\$17,283,616	
	Column 13	Upgrade HVAC	\$3,488,307	
	Column 14	Add Heat to HVAC	\$194,378	
	Column 15	Water Pipe Replacement	\$3,510,735	
	Column 16	Boiler Replacement	\$2,619,705	
	Column 17	Direct Digital Controls (DDC)	\$4,657,735	
	Column 18	Walk-In Freezer	\$341,208	
	Column 19	Upgrade Electrical Service/Generator	\$554,112	
	Column 21	Rooftop Condensor Replacement	\$114,604	
	Column 22	Chiller Replacement	\$957,211	
	Column 29	Seal Building Exterior	\$624,922	
	Column 31	Replace Windows	\$5,187,565	
	Column 36	Replace Portable Buildings w/ Permanent Structures	\$8,564,077	(Portable Buildings Inventory - Replace all "Poor")
5.0	Replacement Schools	REPLACEMENT SCHOOLS TOTAL	\$0	0.00%
6.0	Support Facilities	SUPPORT FACILITIES TOTAL	\$16,352,831	4.61%
	Column 39	Satellite Transportation Facility	\$16,352,831	
7.0	Land	LAND TOTAL	<u>\$0</u>	0.00%
		TOTALS	\$339,515,196	
8.0	Bond Issuance Cost (1.5%)	BOND ISSUANCE COST TOTAL	\$5,092,728	1.44%
9.0	District Bond Costs (3.0%)	DISTRICT BOND COSTS TOTAL	\$10,185,456	2.87%
		BOND PACKAGE 2B TOTAL	\$354,793,380	100.00%
	Mandatory Items	Life/Safety and Capacity/Bond Program Costs	\$192,906,746	7
	Strongly Recommended Items	Necessary Infrastructure not possible from General Fund	\$43,264,463	
	7000	TOTAL Mandatory/Strongly Recommended	\$236,171,209	
/04/17 BAC	* Project total is included at less th			_

^{01/04/17} BAC * Project total is included at less than total on "Big Bond List"

BOND PACKAGE 3A

Totals based on % of Package

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Debt Service Maintain \$2.50/\$1,000 AV through 2025

4% AV Growth 2018-2021

3% AV Growth 2022-2038

Bond Proceeds \$392,455,000

			rotals based on	% of Package
		Description	Escalation	3A
1.0	Safety & Security	SAFETY & SECURITY TOTAL	\$74,921,866	19.10%
	Column 1	School Safety Upgrades	\$11,790,694	
	Column 2	School Seismic Upgrades	\$51,275,992	
	Column 3	Improve Parent/Bus Drop Off *	\$9,220,992	
	Column 4	Install Cameras on All Buses	\$744,188	
	Column 5	Playground Upgrades	\$1,890,000	
2.0	Technology	TECHNOLOGY TOTAL	\$21,988,008	5.60%
	Column 6	Technology-Classroom	\$14,562,861	
	Column 6	Technology-Infrastructure *	\$6,600,000	
	Column 7	Convert Libraries to Learning Centers	\$825,147	
3.0	Capacity	CAPACITY TOTAL	\$145,573,124	37.10%
	Column 8	New Elementary School in North Plains	\$38,587,500	
	Column 8	New Elementary School in South Hillsboro 1	\$38,587,500	
	Column 8	Evergreen Middle School Addition	\$18,786,600	
	Column 8	Hilhi Upgrades (not addition) *	\$11,011,248	
	Column 8	Glencoe Addition	\$18,600,276	
	Column 9	High School CTE Investment	\$20,000,000	
4.0	Modernization	MODERNIZATION TOTAL	\$87,220,810	22.23%
	Column 10	Classroom Furniture Replacement *	\$10,000,000	
	Column 11	Roofing	\$20,781,192	(\$2,050,000 deduct from completion of Seismic)
	Column 12	Add Air Conditioning	\$17,283,616	
	Column 13	Upgrade HVAC	\$3,488,307	
	Column 14	Add Heat to HVAC	\$194,378	
	Column 15	Water Pipe Replacement	\$3,510,735	
	Column 16	Boiler Replacement	\$2,619,705	
	Column 17	Direct Digital Controls (DDC)	\$4,657,735	
	Column 18	Walk-In Freezer	\$341,208	
	Column 19	Upgrade Electrical Service/Generator	\$554,112	
	Column 21	Rooftop Condensor Replacement	\$114,604	
	Column 22	Chiller Replacement	\$957,211	
	Column 24	Improve Drainage to Fields and Playgrounds	\$2,789,826	
	Column 26	Replace Gym Bleachers	\$1,756,255	
	Column 28	Remodel Health Room	\$516,894	
	Column 29	Seal Building Exterior	\$624,922	
	Column 30	Paint Building Exterior	\$2,947,718	
	Column 31	Replace Windows	\$5,187,565	
	Column 33	Replace Gym Floor	\$330,750	
	Column 36	Replace Portable Buildings w/ Permanent Structures *	\$8,564,077	(Portable Buildings Inventory - Replace all "Poor")
5.0	Replacement Schools	REPLACEMENT SCHOOLS TOTAL	\$29,411,099	7.50%
	Column 37	Brookwood Elementary	\$29,411,099	
6.0	Support Facilities	SUPPORT FACILITIES TOTAL	\$16,352,831	4.17%
	Column 39	Satellite Transportation Facility	\$16,352,831	
7.0	Land	LAND TOTAL	<u>\$0</u>	
		TOTALS	\$375,467,738	
8.0	Bond Issuance Cost (1.5%)	BOND ISSUANCE COST TOTAL	\$5,632,016	1.44%
9.0	District Bond Costs (3.0%)	DISTRICT BOND COSTS TOTAL	\$11,264,032	2.87%
		BOND PACKAGE 3A TOTAL	\$392,363,786	100.00%
	Mandatory Items	Life/Safety and Capacity/Bond Program Costs	\$194,524,610	1
	Strongly Recommended Items	Necessary Infrastructure not possible from General Fund	\$43,264,463	
2000		TOTAL Mandatory/Strongly Recommended	\$237,789,073]

^{01/04/17} BAC * Project total is included at less than total on "Big Bond List"

BOND PACKAGE 4A

Description

SAFETY & SECURITY TOTAL

Totals based on % of Package

18.28%

25.40%

7.01%

3.90%

1.19%

1,44%

2.87%

100.00%

\$6,024,830

\$12,049,660

(\$2,050,000 deduct from completion of Seismic)

(Portable Buildings Inventory - Replace all "Poor")

Escalation

\$76,721,866

Assumptions:		
Debt Service	Maintain \$2.50/\$1,000 AV t	hrough 2027
	4% AV Growth 2018-2021	
	3% AV Growth 2022-2038	
Bond Proceeds	\$420,640,000	
1.0	Safety & Security	
	Column 1	Sch
	Column 2	Sch
	Column 3	Imp
	Column 4	Inst
	Column 5	Play
2.0	Technology	

4.0

5.0

8.0

9.0

School Safety Upgrades \$11,790,694 School Seismic Upgrades \$51,275,992 Improve Parent/Bus Drop Off \$11,020,992 Install Cameras on All Buses \$744,188 Playground Upgrades \$1,890,000 TECHNOLOGY TOTAL \$21,988,008 5.24% Technology 2.0 Column 6 Technology-Classroom \$14,562,861 Column 6 Technology-Infrastructure * \$6,600,000 Column 7 Convert Libraries to Learning Centers \$825,147 3.0 Capacity CAPACITY TOTAL \$145,573,124 34.68%

Column 8 **New Elementary School in North Plains** \$38,587,500 Column 8 New Elementary School in South Hillsboro 1 \$38,587,500 Column 8 Evergreen Middle School Addition \$18,786,600 Column 8 Hilhi Upgrades (not addition) * \$11,011,248 Column 8 Glencoe Addition \$18,600,276 Column 9 High School CTE Investments \$20,000,000 Modernization MODERNIZATION TOTAL \$106,608,409

Column 10 Classroom Furniture Replacement * \$15,000,000 \$20,781,192 Roofing Column 11 Column 12 Add Air Conditioning \$17,283,616 Column 13 Upgrade HVAC \$3,488,307 Column 14 Add Heat to HVAC \$194,378 Column 15 Water Pipe Replacement \$3,510,735 Column 16 **Boiler Replacement** \$2,619,705 Column 17 Direct Digital Controls (DDC) \$4,657,735

 Water Pipe Replacement
 \$3,510,735

 Boiler Replacement
 \$2,619,705

 Direct Digital Controls (DDC)
 \$4,657,735

 Walk-In Freezer
 \$341,208

 Upgrade Electrical Service/Generator
 \$554,112

 Pavement, Sidewalks and Parking Lots *
 \$5,244,904

 Rooftop Condensor Replacement
 \$114,604

BOND ISSUANCE COST TOTAL

DISTRICT BOND COSTS TOTAL

Column 21 Column 22 Chiller Replacement \$957,211 Column 23 Resurface Tennis Courts \$1,285,398 Column 24 Seaf Building Exterior \$624,922 Column 25 New Artificial Turf Playfields \$6,034,038 Paint Building Exterior Column 26 \$2,947,718 Column 28 Replace Windows \$5,187,565 Column 29 Improve Drainage to Fields and Playgrounds \$2,789,826

Column 30 Replace Gym Bleachers \$1,756,255 Column 31 Remodel Health Room \$516,894 Column 33 Replace Gym Floor \$330,750 Column 34 Construct New Track \$1,823,259 Replace Portable Buildings w/ Permanent Structures * Column 36 \$8,564,077 Replacement Schools REPLACEMENT SCHOOLS TOTAL \$29,411,099

Column 37 Brookwood Elementary \$29,411,099 6.0 **Support Facilities** SUPPORT FACILITIES TOTAL \$16,352,831 **Satellite Transportation Facility** Column 39 \$16,352,831 7.0 Land LAND TOTAL \$5,000,000 Column AN Land \$5,000,000 TOTALS \$401,655,337

Mandatory Items

Life/Safety and Capacity/Bond Program Costs

Strongly Recommended Items

Necessary Infrastructure not possible from General Fund
543,264,463
TOTAL Mandatory/Strongly Recommended
5238,967,515

01/04/17 BAC * Project total is included at less than total on "Big Bond List"

Bond Issuance Cost (1.5%)

District Bond Costs (3.0%)

Column 18

Column 19

Column 20

BOND PACKAGE 4B

		BOND PACKAGE 4B		
Assumptions:				
Debt Service	Maintain \$2.50/\$1,000 AV through	1 2027		
	4% AV Growth 2018-2021			
	3% AV Growth 2022-2038			
Bond Proceeds	\$420,640,000			
			Totals based on	% of Package
		Description	Escalation	4B
1.0	Safety & Security	SAFETY & SECURITY	TOTAL \$74,921,866	17.84%
	Column 1	School Safety Upgrades	\$11,790,694	
	Column 2	School Seismic Upgrades	\$51,275,992	
	Column 3	Improve Parent/Bus Drop Off	\$9,220,992	
	Column 4	Install Cameras on All Buses	\$744,188	
	Column 5	Playground Upgrades	\$1,890,000	
2.0	Technology	TECHNOLOGY		5.24%
	Column 6	Technology-Classroom	\$14,562,861	
	Column 6	Technology-Infrastructure *	\$6,600,000	
	Column 7	Convert Libraries to Learning Centers	\$825,147	
3.0	Capacity	CAPACITY		44.32%
	Column 8	New Elementary School in North Plains	\$38,587,500	
	Column 8	New Elementary School in South Hillsboro 1	\$38,587,500	
	Column 8	New Elementary School in South Hillsboro 2	\$40,516,875	
	Column 8	Evergreen Middle School Addition	\$18,786,600	
	Column 8	Hilhi Upgrades (not addition) *	\$11,011,248	
	Column 8	Glencoe Addition	\$18,600,276	
	Column 9	High School CTE Investment	\$20,000,000	
4.0	Modernization	. MODERNIZATION	(i)	17.40%
	Column 10	Classroom Furniture Replacement *	\$10,000,000	
	Column 11	Roofing	\$20,781,192	(\$2,050,000 deduct from completion of Seismic)
	Column 12	Add Air Conditioning	\$17,283,616	
	Column 13	Upgrade HVAC	\$3,488,307	
	Column 14	Add Heat to HVAC	\$194,378	
	Column 15	Water Pipe Replacement	\$3,510,735	
	Column 16	Boiler Replacement	\$2,619,705	
	Column 17	Direct Digital Controls (DDC)	\$4,657,735	
	Column 18	Walk-In Freezer	\$341,208	
	Column 19	Upgrade Electrical Service/Generator	\$554,112	
	Column 21	Rooftop Condensor Replacement	\$114,604	
	Column 22	Chiller Replacement	\$957,211	
	Column 24	Improve Drainage to Fields and Playgrounds	\$0	
	Column 26	Replace Gym Bleachers	\$0	
	Column 28	Remodel Health Room	\$0	
	Column 29	Seal Building Exterior	\$0	
	Column 30	Paint Building Exterior	\$0	
	Column 31	Replace Windows	\$0	
	Column 33	Replace Gym Floor	\$0	
	Column 36	Replace Portable Buildings w/ Permanent Structures *	\$8,564,077	(Portable Buildings Inventory - Replace all "Poor")
5.0	Replacement Schools Column 37	REPLACEMENT SCHOOLS		7.00%
6.0		Brookwood Elementary	\$29,411,099	3.800/
6.0	Support Facilities Column 39	SUPPORT FACILITIES		3.89%
7.0	Land	Satellite Transportation Facility	\$16,352,831	
7.0	cand	LAND	-	
8.0	Rand leguanes Cost (1 Eg/1	TOTALS	\$401,830,683	4 440/
9.0	Bond Issuance Cost (1.5%) District Bond Costs (3.0%)	BOND ISSUANCE COST		1.44%
9.0	District Bond Costs (3.0%)	DISTRICT BOND COSTS BOND PACKAGE 4B '	And Additional Control of the Contro	2.87% 100.00%
	Mandatory Items	Life/Safety and Capacity/Bond Program Costs	\$195,710,943	1
	Strongly Recommended Items	Necessary Infrastructure not possible from General Fund	\$43,264,463	
		TOTAL Mandatory/Strongly Recommended	\$238,975,406	
01/04/17 BAC	* Besides testal in included at least		3230,373,406	1

TOTAL Mandatory/Strongly Recommended 01/04/17 BAC Project total is included at less than total on "Big Bond List"