



# Health, Safety and Modernization Bond



## — Our aging schools need repair —

Portland schools are in critical need of repair. Most were built before World War II, and many are in need of renovation and upgrade to provide students with modern learning facilities and to address unsafe conditions. Testing last summer showed that 99 percent of our schools have at least one cold water fixture that tested above safe levels of lead. Many of our schools' roofs are beyond their useful life, and some frequently leak. Fire safety systems at most schools are insufficient, and 40 of PPS' schools lack sprinkler systems in case of a fire.

We can comprehensively address critical health and safety issues like these, as well as create modern learning environments that meet the educational needs of today's students, through full modernization of school buildings—bring schools up to both current building code and educational standards. Over the long term, PPS plans to modernize and improve every school through a series of capital construction bonds.

The plan to modernize all schools started with the voter-approved 2012 bond to upgrade Franklin, Roosevelt, and Grant High Schools, plus Faubion PK-8. In addition, the 2012 bond has funded summer improvement projects at 52 schools, from upgraded science classrooms, to new roofs, seismic retrofits and strengthening, and accessibility improvements.

PPS is proposing a May 2017 capital construction bond to continue the long-term plan, as well as improve the health, safety, and learning environments at schools across the district. This bond would modernize Benson, Lincoln, and Madison High Schools, and potentially update Kellogg Middle School to reduce overcrowding in Southeast Portland. This bond will also invest in critical environmental health & safety issues that need to be addressed before we can modernize every school—including lead in pipes, fixtures, and paint, exposed asbestos, fire safety, and access for people with disabilities.



## — Health, Safety and Modernization Bond options —

PPS is proposing several options for this next phase of investments.

All options include plans to modernize or rebuild Benson Polytechnic, Lincoln, and Madison High Schools, and some options include plans for reopening Kellogg. Approximately 30 percent of those modernization budgets address health and safety issues, including seismic upgrades, roof repairs, lead and asbestos abatement, and accessibility improvements in accordance with the Americans with Disabilities Act.

PPS technical staff have also assessed schools' health and safety needs across eleven areas—from lead in drinking water and paint to fire safety—to inform a prioritized set of additional critical health and safety improvements. The cost of fully mitigating all eleven health and safety areas is approximately \$1.6 billion. Staff have recommended three packages of health and safety investments for discussion, each at a different investment level.

All of these additional health and safety packages would make significant districtwide improvements, including removing old pipes and fixtures to reduce lead and improve water quality, removing or encapsulating lead paint, and improve building foundations and ventilation to mitigate radon levels. Depending on the level of investment, these packages include additional health and safety repairs at some schools: Updated fire safety alarms and sprinkler systems, repairs for leaky and deteriorating roofs, walls and windows, removal or encapsulation of exposed asbestos, improved accessibility, seismic upgrades, and strengthened school safety and security.

Our facilities' needs are extensive and community feedback on this bond package will shape the priorities of the next round of investments. The 2017 bond will require us to unite and invest in the schools our students and community deserve. Help us keep building our future together.





# Proposed bond options in detail

## Proposed bond options

APPROXIMATELY 30% OF MODERNIZATION AND REBUILD BUDGETS TARGETED TO HEALTH AND SAFETY PROJECTS

### Option 1: \$790 Million \$324M FOR HEALTH & SAFETY

- Additional health & safety projects ..... \$150M
- Modernization & additions  
Benson ..... \$202M  
Madison ..... \$146M
- Full rebuild  
Lincoln ..... \$187M  
Kellogg ..... \$45M
- Management, Contingency & Miscellaneous ..... \$60M

### Option 2: \$867 Million \$347.1M FOR HEALTH & SAFETY

- Additional health & safety projects ..... \$150M
- Modernization & additions  
Benson ..... \$202M  
Madison ..... \$146M  
Lincoln ..... \$252M  
Kellogg ..... \$57M
- Management, Contingency & Miscellaneous ..... \$60M

### Option 3: \$745 Million \$310.5M FOR HEALTH & SAFETY

- Additional health & safety projects ..... \$150M
- Modernization & additions  
Benson ..... \$202M  
Madison ..... \$146M
- Full rebuild  
Lincoln ..... \$187M
- Management, Contingency & Miscellaneous ..... \$60M

### Option 4: \$810 Million \$330M FOR HEALTH & SAFETY

- Additional health & safety projects ..... \$150M
- Modernization & additions  
Benson ..... \$202M  
Madison ..... \$146M  
Lincoln ..... \$252M
- Management, Contingency & Miscellaneous ..... \$60M

## Health & Safety project categories

- Water quality
- Fire/Life safety alarms & sprinklers
- Asbestos
- Lead-based paint
- Roofs/Building envelopes/Foundations (Air quality)
- ADA
- Radon
- Seismic
- Security systems/Fencing
- Playgrounds
- Auditorium stage safety

## Staff recommendations for additional health & safety projects at 3 cost levels

	\$100 MILLION		\$150 MILLION		\$200 MILLION	
	Dollar amount	Schools funded	Dollar amount	Schools funded	Dollar amount	Schools funded
	\$28,492,000	Up to 90	\$28,492,000	Up to 90	\$28,492,000	Up to 90
	\$19,757,939	Up to 13	\$25,849,990	Up to 16	\$31,757,939	Up to 20
	\$9,000,000	Up to 37	\$12,000,000	Up to 48	\$14,000,000	Up to 58
	\$16,623,936	Up to 88	\$16,623,936	Up to 88	\$16,623,936	Up to 88
	\$20,000,000	Up to 5	\$50,907,949	Up to 14	\$80,000,000	Up to 23
	\$5,000,000	Up to 4	\$10,000,000	Up to 9	\$15,000,000	Up to 13
	\$1,126,125	Up to 30	\$1,126,125	Up to 30	\$1,126,125	Up to 30
	...	...	\$5,000,000	Up to 11	\$8,000,000	Up to 13
	...	...	...	...	\$5,000,000	Up to 2
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