

2020 School Building Improvement Bond Renewal Options

	Option 1A \$584M	Option 1B \$670M	Option 2A \$699M	Option 2B \$785M
<b>Health &amp; Safety</b>				
<b>Roofs:</b> Many school roofs have deteriorated membranes, regularly leak, and need replacement; others need repairs to access hatches or gutters. An estimated 30 sites will require a full or majority roof replacement in the next 5-10 years, with about 25 of those needing replacement within the next 3-4 years. Over the past eight years, 26 roofs have been repaired or replaced through the first two School Improvement Bonds.	\$53M	\$53M	\$71M	\$71M
<i>Repair or replace leaking or deteriorating school roofs at up to 9 sites</i>	\$53M	\$53M		
<i>Repair or replace leaking or deteriorating school roofs at up to 12 sites</i>			\$71M	\$71M
<b>Mechanical:</b> Along with roofs, mechanical systems are PPS' greatest facilities need; Dozens of schools have major mechanical system components in currently critical condition. Temperature issues are common in schools across the district, with over 6,000 mechanical system work orders submitted last year alone.	\$45M	\$45M	\$75M	\$75M
<i>Replace or repair approximately 9 highest priority mechanical systems, with additional funding available for smaller mechanical projects</i>	\$45M	\$45M		
<i>Replace or repair approximately 15 highest priority mechanical systems, with additional funding available for smaller mechanical projects</i>			\$75M	\$75M
<b>Security:</b> Schools that have not been modernized need locking hardware on all classroom doors, additional security cameras, and upgrade or replacement of intrusion alarm systems. The 2017 bond is funding electronic access control systems, updated public address system speakers, and other improvements at 88 schools throughout the district.	\$26.5M	\$26.5M	\$26.5M	\$26.5M
<i>Upgrade all classroom door locks to current district standard, install additional security camera systems, and upgrade or replace intrusion alarm systems in schools that have not been modernized.</i>	\$26.5M	\$26.5M	\$26.5M	\$26.5M
<b>Seismic:</b> To date, 22 PPS schools have received incremental seismic improvements through the first two bonds, but few of PPS' non-modernized buildings meet current seismic code.	\$15M	\$15M	\$15M	\$15M
<i>Seismic retrofit of up to 3 of the smallest schools on the City of Portland Unreinforced Masonry database, in coordination with full roof replacement.</i>	\$15M	\$15M	\$15M	\$15M
<b>Accessibility:</b> Few PPS schools are fully ADA accessible; 28 multi-level schools lack elevators. PPS is currently updating its ADA Transition Plan; the estimate to bring all sites up to current code is more than \$100M.	\$11M	\$11M	\$11M	\$11M
<i>Remove barriers and make fully accessible one K-5 schools, one middle school, and one high school per district cluster.</i>	\$11M	\$11M	\$11M	\$11M
<b>Other Health &amp; Safety Projects:</b> Other critical physical facility needs include plumbing systems, electrical systems, asbestos remediation, energy improvements, flooring replacement, play structure repair, and foundation work. Funds in this category would address the highest needs amongst these and other scopes, and allow for flexibility to respond to critical needs as they arise.			\$10M	\$10M
<i>Flexible funding for critical/essential facilities projects to improve health and safety</i>			\$10M	\$10M
<b>Total Investment in Districtwide Health &amp; Safety Projects:</b>				
	\$150.5M	\$150.5M	\$208.5M	\$208.5M
<b>Educational Improvements</b>				
<b>Technology:</b> PPS' technology systems are many years out of date after two decades of underinvestment, with some systems at risk of critical failure, and vulnerable to cyber attacks. The district's current phone system will be functionally obsolete in 18 months, and switching and routing infrastructure that supports all of PPS' core technology functions—from phone systems to security and internet access—are beyond the functional lifespan of the equipment. Wireless access points throughout the district are out of date, and only 24 schools have complete wireless coverage inside the school. The majority of classrooms do not have basic tools like a projector, or voice amplification.	\$127.5M	\$127.5M	\$127.5M	\$127.5M
<b>Infrastructure and security</b>				
<i>Refresh and ensure a modern and resilient core infrastructure, to an operational standard that will be reliable, resilient, secure, and more easily maintained.</i>	\$40M	\$40M	\$40M	\$40M
<b>Device replacement and refresh</b>				
<i>Device replacement purchasing required to position PPS to transition to a fully realized Digital District with one-to-one programs in all of our schools</i>	\$34M	\$34M	\$34M	\$34M
<b>Classroom modernization</b>				
<i>Build modernized and equitable learning space in all schools across the district that have not been modernized and ensure that all students have access to digital tools, resources, and information, including infrastructure such as mounted projectors, wireless access, voice amplification, and if possible, dedicated computing capabilities.</i>	\$26M	\$26M	\$26M	\$26M
<b>Enterprise Resource Planning (ERP) system</b>				
<i>Planning and process mapping for replacement of ERP system in a future bond</i>	\$12.5M	\$12.5M	\$12.5M	\$12.5M
<b>Implementation services</b>				
<i>Professional services to complete projects related to all Technology projects over the course of the bond.</i>	\$15M	\$15M	\$15M	\$15M

<b>Curriculum:</b> PPS's curriculum materials are outdated, in poor condition, and incomplete. K-5 science materials were last adopted 24 years ago. The math curriculum adoption preceded Oregon's math state standards. Middle and high school materials were last acquired in 2005, and a partial adoption for K-3 literacy foundations skills and 6-8 language arts in 2008. The district has not adopted district wide curriculums for visual and performing arts, health, or physical education. As a result, the district has been out of compliance with state standards for instructional materials for over 20 years.	\$24.9M	\$24.9M	\$29.2M	\$29.2M
<i>Adoption of comprehensive and current instructional materials, across core subject areas, including language arts, math, science, the arts and social emotional learning. This would lead to a) students working with high-quality, standards-based instructional materials, and, b) would allow for a return to the Oregon textbook adoption cycle.</i>			\$29.2M	\$29.2M
<i>Reduced investments in some content areas like science, English as a Second Language, and the arts. This would mean fewer print, digital, or intervenon materials would be available in the content areas which are reduced.</i>	\$24.9M	\$24.9M		
<b>Special Education Classrooms:</b> Many of PPS' special education instructional spaces are rated as poor or unsatisfactory to deliver special education programming, due to inadequate furniture, fixtures and storage, poor acoustics, and suboptimal location within the building.	\$4.5M	\$4.5M	\$22.3M	\$22.3M
<i>Improve and modify more than 82 special education classrooms across the district to provide flexible, adaptive spaces with visual and acoustic mitigation to support distraction-free, small group instruction</i>			\$22.3M	\$22.3M
<i>Supports purchase and installation of furniture only</i>	\$4.5M	\$4.5M		
<b>Other:</b> PPS has additional learning facilities needs across the district, including schools that need additional or upgraded dedicated gyms, covered outdoor play areas, and visual and performing arts spaces.			\$10M	\$10M
<i>Flexible funding for critical/essential learning improvement projects</i>			\$10M	\$10M
<b>Total Investment in Districtwide Educational Improvements:</b>	<b>\$156.9M</b>	<b>\$156.9M</b>	<b>\$189M</b>	<b>\$189M</b>

<b>Modernizations &amp; Rebuilds</b>				
<b>Benson Polytechnic High School Completion</b>	\$138M	\$138M	\$138M	\$138M
<b>Multiple Pathways to Graduation Building</b>	\$62M	\$62M	\$62M	\$62M
<b>Design &amp; Pre-Construction Planning for Cleveland, Jefferson, Wilson High Schools</b>	\$75M	\$75M	\$75M	\$75M
<b>Capacity planning</b>			\$10M	\$10M
<b>Total Investment in Modernizations &amp; Rebuilds:</b>	<b>\$200M</b>	<b>\$275M</b>	<b>\$210M</b>	<b>\$285M</b>

<b>Management &amp; Contingency</b>	\$76.1M	\$87.4M	\$91.1M	\$102.4M
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<b>Total Investment:</b>	<b>\$584M</b>	<b>\$670M</b>	<b>\$699M</b>	<b>\$785M</b>
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