

SPS SCHOOL BONDING IMPROVEMENT BOND

OSM Quarterly Update to the Board of Education

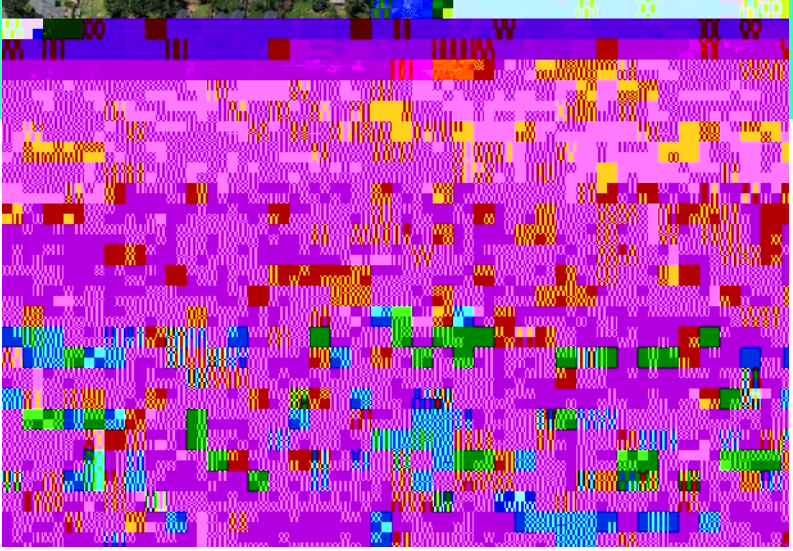
August 16, 2016

August 2016 1

SPS SCHOOL BONDING IMPROVEMENT BOND

Faubion PK-8 Replacement

May 2, 2016



August 2016 2

PPS SCHOOL BONDING IMPROVEMENT BOND Faubion PK-8 Replacement

July 27, 2016




August 2016 3

This slide features a header with the PPS logo, 'SCHOOL BONDING IMPROVEMENT BOND', and 'Faubion PK-8 Replacement'. Below the header is a date box for 'July 27, 2016'. The main content is an aerial photograph of a residential neighborhood with numerous houses. At the bottom, there is a date 'August 2016' and a slide number '3'.

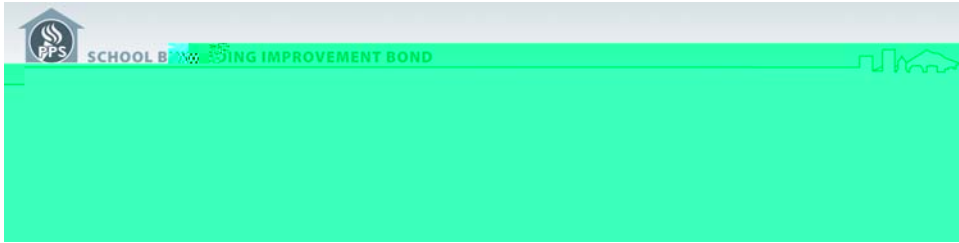
PPS SCHOOL BONDING IMPROVEMENT BOND Faubion PK-8 Replacement

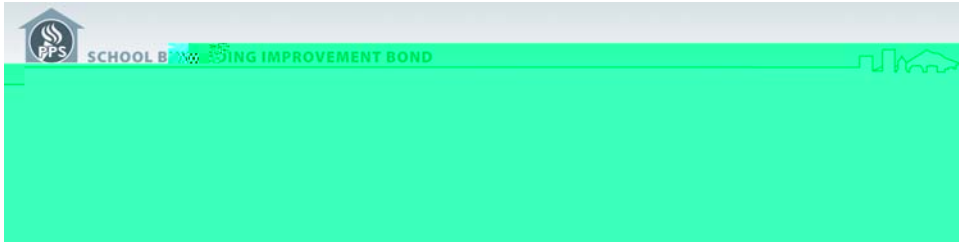
May 2, 2016



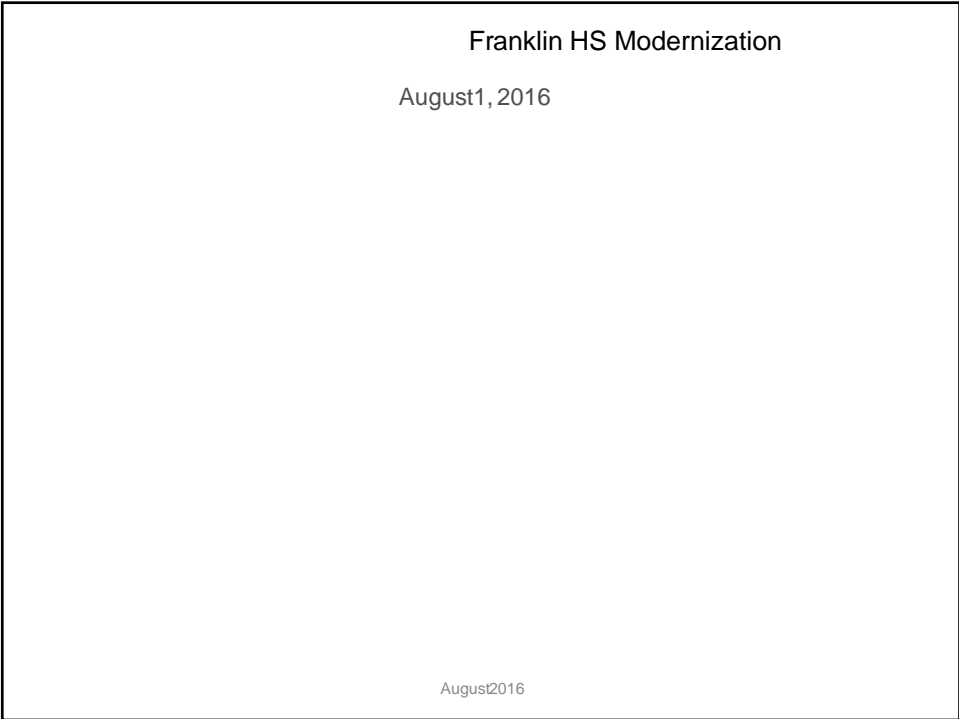
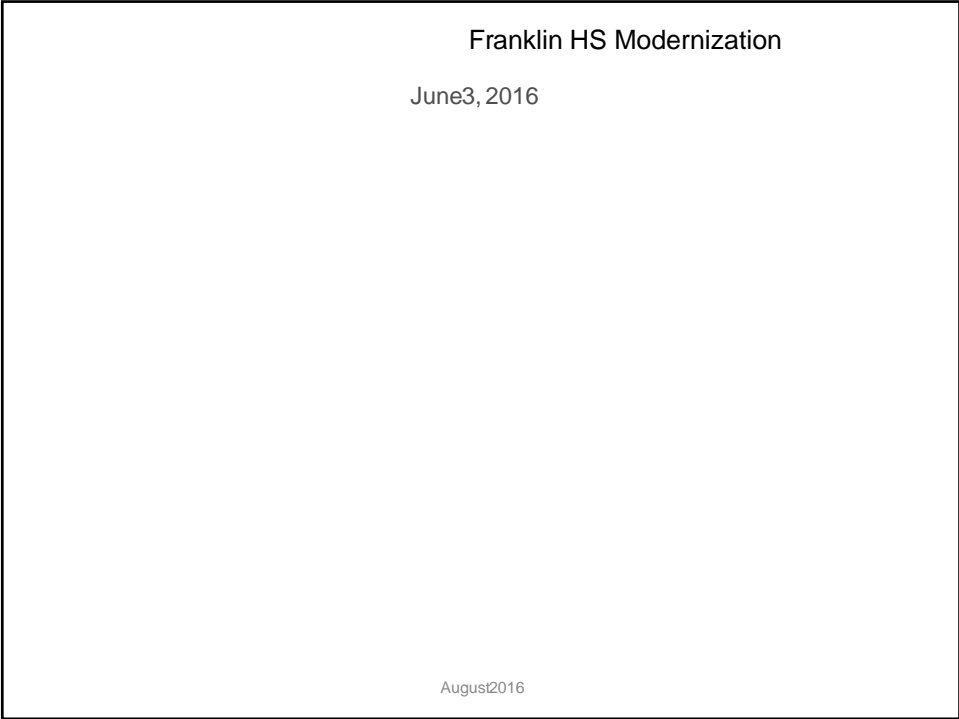
August 2016 4

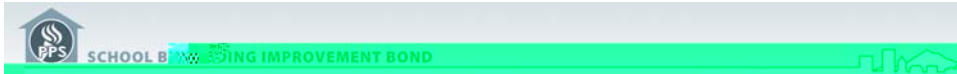
This slide features a header with the PPS logo, 'SCHOOL BONDING IMPROVEMENT BOND', and 'Faubion PK-8 Replacement'. Below the header is a date box for 'May 2, 2016'. The main content is an aerial photograph of a residential neighborhood with numerous houses. At the bottom, there is a date 'August 2016' and a slide number '4'.





August 2016





Franklin High School

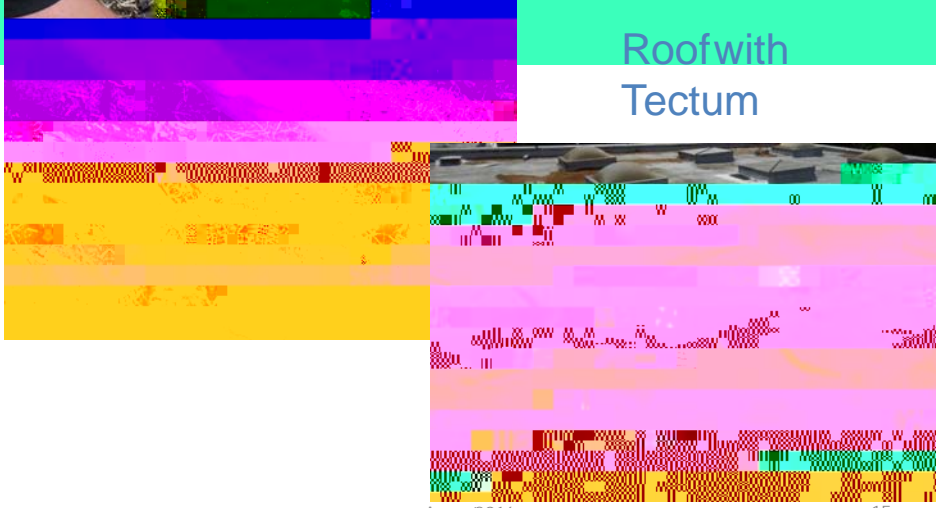
- As previously mentioned, our most challenging project to date
- Resolution for replenishment of contingency funds
- The renovation of the historic 1915 buildings in full swing with the installation of wall framing, utilities, and

August 2016

SPS SCHOOL BONDING IMPROVEMENT BOND

SUMMER IMPROVEMENT PROJECTS

Roof with Tectum




August 2016 15

This slide features a green header with the SPS logo and 'SCHOOL BONDING IMPROVEMENT BOND'. Below the header, the title 'SUMMER IMPROVEMENT PROJECTS' is centered. To the right, the text 'Roof with Tectum' is displayed. The main image is an aerial photograph of a school roof, showing a large area covered in a textured, grey waterproofing material (Tectum). The roof is surrounded by trees and other buildings. At the bottom, the text 'August 2016' and the number '15' are visible.

SPS SCHOOL BONDING IMPROVEMENT BOND


SUMMER IMPROVEMENT PROJECTS

New Roof without Tectum



August 2016 16


This slide features a green header with the SPS logo and 'SCHOOL BONDING IMPROVEMENT BOND'. Below the header, the title 'SUMMER IMPROVEMENT PROJECTS' is centered. To the right, the text 'New Roof without Tectum' is displayed. The main image is an aerial photograph of a school roof under construction. The roof is mostly flat and appears to be made of concrete or a similar material, with some construction equipment and materials visible. The roof is surrounded by trees and other buildings. At the bottom, the text 'August 2016' and the number '16' are visible.


 SCHOOL BOARD OF ST. LOUIS
 LEARNING IMPROVEMENT BOND

Grant High School

- CMGCs Andersen Colas joint venture
- Currently finishing up the reconciling estimates between Mahlum cost consultant RL Band Andersen Colas Sr. Estimator
- Finishing up GHSD destructive testing investigation which opened over 20 different finished locations to verify existing conditions from magnesite to steel beam to 10 deep test pit to look at existing footing drains

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 SCHOOL BOARD OF ST. LOUIS
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Grant High School

- 46% of Our Destructive testing was performed by MWESB contractors
 - PMG (MBE)
 - Bear Windows (WBE)
 - Colas (MBE)
- Andersen Colas conducted explorations discovery of existing systems to validate as built conditions (specifically critical dimensions and/or demarcation point locations/interface requirements for connection to systems/structures to remain)

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Grant High School

- We initiate coordination and communication with agencies having jurisdiction over project concerning land use and permits
- Develop and align subcontracting packages with accepted Master Construction Schedule and GMP
- PSI, our special inspections and testing company, pulled over 100+ core samples from the existing building for testing and data for the structural engineer.

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SPS SCHOOL BONDING IMPROVEMENT BOND Grant HS Modernization


Anchoring window jamb.
Pulling the typical anchor to failure.



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Grant HS Modernization


Test pit excavated to expose footing drains from 1953 building removed piping to be tested at the lab for hazardous materials.



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Grant HS Modernization

PM removed the layers of lead based paint from historic window to create a level of design mockup for the steel window in the auditorium.

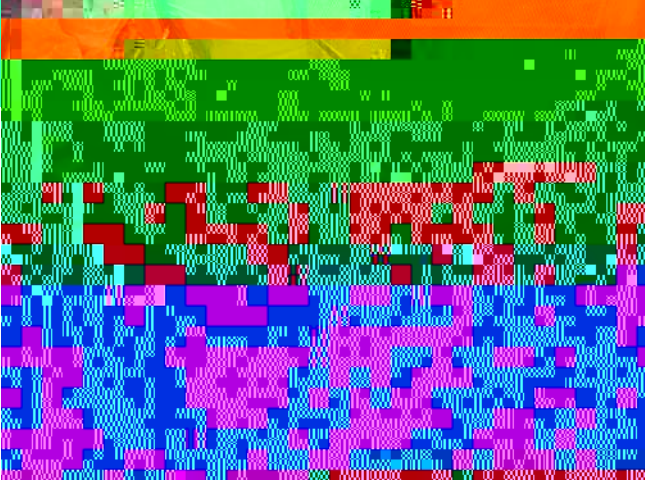


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Grant HS Modernization

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PMG test patch of magnesite at 1925 South Build entrance.



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SCHOOL BONDING IMPROVEMENT BOND

Roosevelt High School Then

- Originally named James John High School built in 1910 opened in 1911 and named for the founder of the settlement
- First graduating class had four students
- James John closed in 1921 and its replacement, Roosevelt High School opened the following year
- Today Roosevelt HS welcomes students representing 29 countries

August 2016

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Roosevelt High School Now

- Currently on budget. A portion of Phase I will be approximately 12 weeks late.
- By end of July 64% of project complete
- 70% of the work has been completed in the first 12 months of a 28 month planned schedule
- Overtime started last August and work has occurred every Saturday since that time (except for major holidays)
- Average number of people working on site for the last 3-4 weeks is 250. Over 200 for the 3 weeks prior to that
- No significant lost time due to accidents
- Phase I has started with roughly 70% completion of abatement and 25% completion of selective demolition

August 2016

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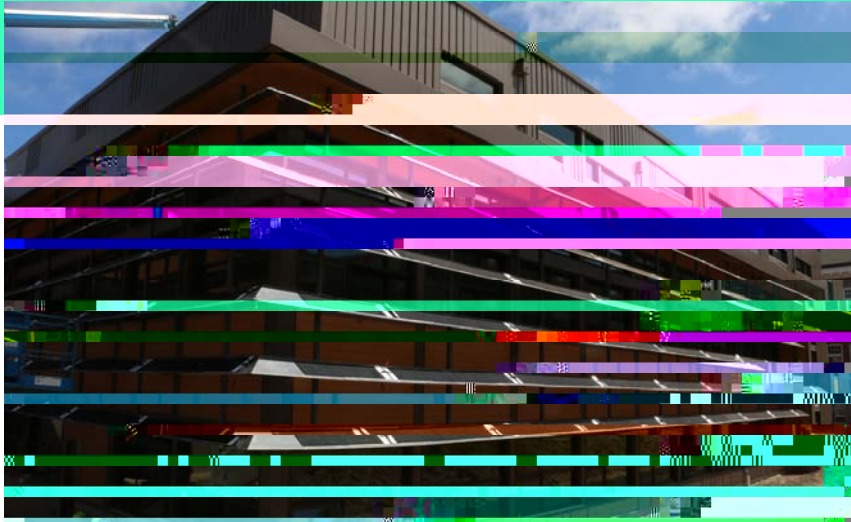
Roosevelt High School

August 2016

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PPS SCHOOL BOND FINANCING IMPROVEMENT BOND Roosevelt HS Modernization

Classroom Exterior Shade Louvers with Solar Panels



August 2016 29

This slide features a photograph of the exterior of a classroom building at Roosevelt HS. The building has a modern design with dark wood paneling and large windows. A series of horizontal, slanted shade louvers are installed on the facade, and solar panels are mounted on the roof. The image is presented in a collage style with overlapping, semi-transparent rectangular frames in various colors (blue, green, red, yellow) over the photograph.

PPS SCHOOL BOND FINANCING IMPROVEMENT BOND Roosevelt HS Modernization

Gymnasium- 1,700 Seat Capacity




August 2016 30

This slide features two photographs of the interior of a gymnasium at Roosevelt HS. The top photograph shows a basketball court with wooden flooring and blue court lines. The bottom photograph shows the bleachers, which are currently empty and have a red and white striped pattern. The gymnasium has a high ceiling with exposed structural elements and lighting fixtures. The image is presented in a collage style with overlapping, semi-transparent rectangular frames in various colors (blue, green, red, yellow) over the photographs.

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Gymnasium




August 2016 31

This slide shows the interior of a gymnasium under construction. The basketball court is visible with its markings and two hoops. The floor is partially covered with construction materials and equipment. The walls are white, and the ceiling has exposed structural elements.


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Auxiliary Gymnasium




August 2016 32

This slide shows the interior of an auxiliary gymnasium. The basketball court is visible with its markings and two hoops. The floor is partially covered with construction materials and equipment. The walls are white, and the ceiling has exposed structural elements.

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Weight Room



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Prototypical Classrooms



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Prototypical Sciencd_lab



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This slide features a header with the PPS logo, 'SCHOOL BOND FINANCING IMPROVEMENT BOND', and 'Roosevelt HS Modernization'. Below the header is a white box containing the text 'Prototypical Sciencd_lab'. The main image is a photograph of a laboratory interior, showing a long wooden countertop with two sinks and several wooden cabinets above and below the counter. The floor is a light-colored, polished surface.

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1921 Building Abatement/Demolition



August 2016 36

This slide features a header with the PPS logo, 'SCHOOL BOND FINANCING IMPROVEMENT BOND', and 'Roosevelt HS Modernization'. Below the header is a white box containing the text '1921 Building Abatement/Demolition'. The main image is a collage of four photographs showing the demolition and abatement of the 1921 building. The top photo shows the wooden ceiling structure of a room. The second photo shows a large room with yellow walls and a red fire extinguisher. The third photo shows a large pile of debris and rubble. The bottom photo shows a large, flat, light-colored surface, possibly a concrete floor or a large sheet of material.

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Roosevelt

Construction Update: Fall 2016

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RHS Modernization Update

August 16, 2016

Filip Hristi ü
Principal of Roosevelt High School

August 2016


Good News 



RHS Cohort Graduation Rate

'13 r14	'14 r15	'15 r16
53%	62%	?

RHS Freshmen On Track

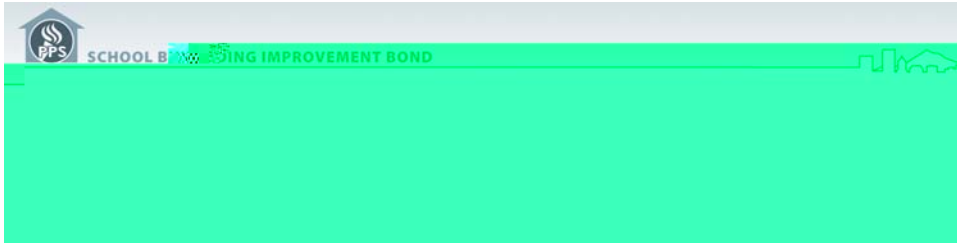
'13 r14	'14 r15	'15 r16
71%	74%	81%

August 2016

2015r	

August 2016



PortlandPublicSchools
HEALTH & SAFETY UPDATE

August 16, 2016 Board Presentation

Courtney Wilton / John Burnham

Interim Executive Director of Operations / Interim Senior
Director of Environmental Health and Safety

cwilton@pps.net / jburnham@pps.net

The Path to Lead Crisis

- Constrained K-12 funding
- A conscious effort by Board to focus dollars on the classroom
- Aging infrastructure – average age of PPS schools is around 75 years
- The system in the district failed to address health and safety concerns

Blood/ Lead Screening Results

Note: No cases have been traced back to PPS schools to date. Results are from all testing done through July 31.

Water Fixture Testing Preliminary Results*

Cold Water Fixtures	Tested	Elevated Lead****	% of elevated lead
Drinking Fountains	2,017	243	12%
Other fixtures**	8,786	3,384	39%
All Fixtures***	10,803	3,627	34%

* Results are tentative and likely will change slightly when finalized.

** Federal lead standard applies to drinking water and food preparation only – very little if any lead is absorbed through skin so mitigation of these type fixtures will likely be limited.

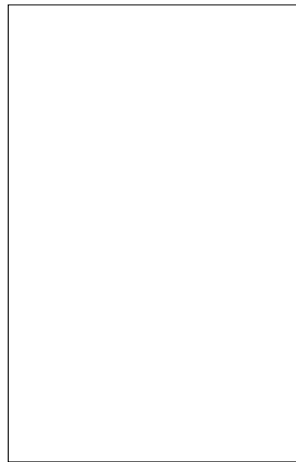
*** Total number tested will change slightly in future due to makeup of a small number of fixtures missed in first round of testing.

**** We also tested for copper and a small number of fixtures (3%) recorded elevated levels.

Water Quality Follow Up

- All drinking fountains have been covered up or inactivated– both in hallways and classrooms.
- Arranged for alternate drinking water source at all schools in the form of bottled water.
- “Do Not Drink” signage is being added at every room with cold water fixtures.
- Completed independent assessment of kitchen water fixtures along with safe operating procedures/ plan. Schools will open with pre washed food, though we hope to migrate to normal operation of kitchen fixtures by the end of September.

“Do Not Drink” Signage



Environmental Health and Safety Department Gap Analysis

We are in the process of conducting a gap analysis for the existing Environmental Health and Safety (EHS) department. Preliminary results indicate that EHS should oversee between 45 and 55 environmental health and safety programs. This includes water quality and lead-based paint remediation.

Environmental Health and Safety Facility Condition Assessment

EHS programs that present the highest potential to impact the