
 SCHOOL BUILDING IMPROVEMENT BOND 

# OSM Quarterly Update to the Board of Education

August 16, 2016

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 SCHOOL BUILDING IMPROVEMENT BOND **Faubion PK-8 Replacement** 

**May 2, 2016**



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### Faubion PK-8 Replacement

July 27, 2016



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### Faubion PK-8 Replacement

May 2, 2016



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### Faubion PK-8 Replacement

July 12, 2016



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### Faubion PK-8 Replacement

July 27, 2016



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## FAUBION PK-8

- Construction 33% Complete
- Project on schedule ( + 6 days)
- Project on budget (only 2% change order to date)
- Concrete masonry block walls complete in the Gym and Cafeteria sections
- Several important infrastructure items have also been completed including:
  - Grading of several access drives
  - Installation of the drainage system for the field
  - Storm drains, sanitary sewer plumbing and electrical utilities installed

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## FAUBION PK-8



- Structural steel and first floor concrete slab floors have been added to the section of building where all the Pre-K and Kindergarten classrooms, Concordia University College of Education classrooms, and many of the new community service facilities are housed
- Second floor concrete slabs have been poured in those same areas. The second floor will house 1<sup>st</sup> through 4<sup>th</sup> grades, STEAM and Art classes, the media center, computer lab and more Concordia University College of Education classrooms


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Franklin HS Modernization 

June 3, 2016

**SKANSKA**  



August 2016

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Franklin HS Modernization 

August 1, 2016

**SKANSKA**  



August 2016




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## Franklin High School

- As previously mentioned, our most challenging project to date
- Resolution for replenishment of contingency funds
- The renovation of the historic 1915 building is in full swing with the installation of wall framing, utilities, and new roof
- The Media Center/Library build-back has begun with the installation of structural steel that will support the newly design entry of the for Auditorium
- The CTE/Maker Space framing continues

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## Franklin High School

- Exterior brick and window refurbishing continues to take place throughout the historic building
- The roof has been installed at the new gym/ biomedical/ culinary arts building
- The brick veneer is now complete on the South side and the West side in progress
- On the inside of the building the majority of the walls have been framed and the installation of ceiling grid, lights, drywall, and utilities are in full swing
- The new Athletic Facility is the furthest along with construction



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## Franklin High School

- The project has been averaging over 200 workers per day on site
- Safety is paramount and there have been no recent recordable injuries
- All building construction is on schedule to be completed for the opening in the fall of 2017

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## SUMMER IMPROVEMENT PROJECTS

- Challenges with the roofing at Cleveland High School has been addressed and the new seismically enhanced roofing will provide for a greatly improved learning environment

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## SUMMER IMPROVEMENT PROJECTS

 **Roof with Tectum**



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## SUMMER IMPROVEMENT PROJECTS

 **New Roof without Tectum**




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## SUMMER IMPROVEMENT PROJECTS

- Elevator work at Cesar Chavez and Scott has gone as planned and these areas will be ready to accept the students safely back to school
- The work will continue at Scott as we have done successfully with other elevators
- The more extensive work on the Chavez elevator will start-up again next summer and will be completed at the end of 2017

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## SUMMER IMPROVEMENT PROJECTS

- The improvement efforts at MLC, Sellwood, Abernethy, and Jefferson are finishing up and will provide needed roof, seismic, accessibility and science classroom improvements as planned
- Work at all seven schools has been safely accomplished this summer and all schools will open on schedule at the end of the month

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## Grant High School

- CMGC is Andersen Colas joint venture
- Currently finishing up the reconciling estimates between Mahlum's cost consultant RLB and Andersen Colas Sr. Estimator
- Finishing up GHS Destructive testing investigation – which opened over 20 different finished locations to verify existing conditions – from magnesite to steel beams to 10' deep test pit to look at existing footing drains

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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 sub-contracting bid 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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 SCHOOL BUILDING IMPROVEMENT BOND Grant HS Modernization 

Anchor testing at window jambs.  
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 

PMG removed the layers of lead based paint from historic window to create a level of design mock up for the steel windows in the auditorium.




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**Grant HS Modernization**  


PMG test patch of magnesite at 1927 South Build entrance.



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## 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 1 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 onsite 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 II has started with roughly 70% completion of abatement and 25% completion of selective demolition

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## Roosevelt High School




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Roosevelt HS Modernization 

Classroom Exterior Shade Louvers with Solar Panels




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Roosevelt HS Modernization 

Gymnasium – 1,700 Seat Capacity




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Roosevelt HS Modernization 


Gymnasium




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Roosevelt HS Modernization 


Auxiliary Gymnasium



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## Roosevelt HS Modernization

**Weight Room**



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## Roosevelt HS Modernization

**Prototypical Classrooms**




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Roosevelt HS Modernization 

Prototypical Science Lab




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Roosevelt HS Modernization 

1921 Building - Abatement/Demolition




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**SCHOOL BUILDING IMPROVEMENT BOND**

Roosevelt



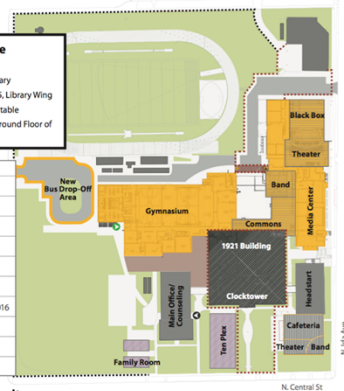
## Roosevelt Modernization

### Construction Update: Fall 2016

**Important relocations for the 2016-17 School Year:**

- Main Office – Located in the former Library
- Counseling Center – Located in Rm L145, Library Wing
- Family Room – Located in the South Portable
- Clothes Closet – Located in the Lower Ground Floor of the Media Center Bldg.


KEY	
	1921 Building Renovation
	New wings opening Sep 2016
	New wings opening Jan 2017
	Temporary Buildings
	In use 2016-17
	In use until Jan 2017
	Access between buildings Fall 2016
	Construction Fence
➔	Entrance to School
⊙	Entrance to Office



**Welcome back to a new Roosevelt**

When school starts this August, students and staff will return to a transformed Roosevelt. Construction has completed on the two court Main Gymnasium and the school's first Auxiliary Gym, a weight room, 33 general education classrooms and three new Career Technical Education (CTE) Classrooms including the Industrial Arts / Construction Shop, STEM / Robotics Lab and the Writing / Digital Media / Publishing Center. Three new community program spaces will also be housed in the new facilities: the School-Based Health Center, Clothes Closet / Food Pantry and the SUN / STEP UP Offices.

Renovation work is complete on the former auditorium building, which will now serve as the new Media Center / Library with new classrooms below. In just a few months, additional areas of the new building will open including the new Commons / Cafeteria, Band Room, Theater, and the Black Box theater classroom.




Portland Public Schools is an affirmative action and equal opportunity employer.

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# RHS Modernization Update

## August 16, 2016

### Filip Hristić

### Principal of Roosevelt High School

August 2016

 **SCHOOL BUILDING IMPROVEMENT BOND** Good News 

### RHS Cohort Graduation Rate



'13-'14	'14-'15	'15-'16
<b>53%</b>	<b>62%</b>	<b>?</b>

### RHS Freshmen On Track

'13-'14	'14-'15	'15-'16
<b>71%</b>	<b>74%</b>	<b>81%</b>

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 **SCHOOL BUILDING IMPROVEMENT BOND** Next Year 

2015-2016	2016-2017
3 Buildings	6 Buildings
7 Floors	9 Floors
0 Locker Rooms	2 Locker Rooms
1 Gym/Tent	2 Gyms
6 Restrooms	12 Restroom
48 Classrooms	62 Classrooms

August 2016





- **Supervision/Safety**  
Additional Campus Monitor
- **Time**  
Funds to compensate teachers for moves and preparation time
- **Professional Development**  
Designated point person and funds
- **Facility Maintenance**  
Additional Staff and clear expectations
- **Flexibility**  
District meetings, etc.

August 2016

*Portland Public Schools*  
**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](mailto:cwilton@pps.net) / [jburnham@pps.net](mailto:jburnham@pps.net)

**AGENDA**

- Overview – Environmental Activities  
Currently in Motion
- Recap of Lead Management Status
- Environmental Health and Safety (EHS)  
Department Gap Analysis
- Environmental Health and Safety Facility  
Condition Assessment (EHS FCA)

## 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

## Overview - Environmental Activities Currently in Motion:

- A tremendous amount of testing and measurement has occurred over the summer.
- Current environment is stable. Plans are in place to operate all schools in a safe manner this year.
- A larger, comprehensive “gap analysis” of all district environmental health and safety programs is currently taking place and will result in recommendations for improvement.
- Environmental Health and Safety Assessment RFP scope is being drafted and will ultimately help us estimate costs of needed repairs.



## Healthy and Safe Schools Rule

- OAR 581-022-2223 set for adoption August 17th
- PPS participating in public hearings
- OAR will require:
  - a. Written plan for Healthy and Safe Schools
  - b. Name the position responsible
  - c. Testing water for lead, air for radon, reduce exposure to lead paint, improve indoor air quality, implement integrated pest management
  - d. Prompt reporting to community
  - e. Annual reporting to ODE

## Lead Management Status



## Blood / Lead Screening Results

Multnomah County	Screened	Elevated Lead level	% of elevated lead
Students	519	2	0.4%
Staff	0	0	0.0%
Subtotal	519	2	0.4%
On Site Clinics (Kadalyst )			
Students	469	5	1.1%
Staff	318	3	0.9%
Subtotal	787	8	1.0%
Mail Kits (ZRT)			
mailed	1080		
Returned	358	1	0.3%
Total tested	1664	11	0.7%

**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 make up 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



Do not drink water from this room due to potential lead contamination.

由于潜在的铅污染，请不要饮用此房间的水。

Не пейте воду из этой комнаты из-за возможного загрязнения свинцом.

No tome agua de este cuarto debido a una posible contaminación por plomo.

Ha biyo ka qolka tan kama cabbi sabab u faddarayn biraha kara.

Đừng uống nước trong phòng này vì có thể nhiễm độc chì.

PHOTOGRAPH BY J. SCHWARTZ



## PPS Update on School Water Plans for this Fall



<https://www.youtube.com/watch?v=z7LeoD-pZe4&feature=youtu.be>

## Water Quality Follow-Up



### Next Steps Include:

- Analysis of second sample taken ("B" samples) – currently not available
- Analysis of current filtering practices and locations
- Receipt of recommendation from independent, third party
- The following are examples of strategies that we may deploy:
  - a) Replacement of water fixtures
  - b) Piping replacements
  - c) Various other protocols and procedures to ensure safe drinking water
  - d) Establishment of a water fixture information system / inclusion in work order database

## Water Quality Follow-Up



Drinking fountains operating within normal lead and copper limits will be brought back on-line at a future date to be determined. Currently, pending:

- Finalization of 1<sup>st</sup> sample since currently preliminary and subject to change
- Analysis of second sample taken
- Analysis of current filtering practices
- Receipt of independent, 3<sup>rd</sup> party recommendations
- Communication plan

## Lead Paint Management

- **Paint abatement and encapsulation work underway at historically high levels:**
  - a) Work to date completed or soon to be completed at 26 schools - hoping to reach 40 schools by start of school
  - b) Focusing on highest risk areas at primary schools
  - c) While lots accomplished this summer, a significant amount of deferred maintenance / work remains
- **In process of contracting with independent, third party to evaluate our current program including a review of how we currently assess risk and prioritize projects, how we communicate outstanding risks and our protocols in handling peeling paint.**





## **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 health and safety of students and employees in our schools will be identified for inclusion in an EHS facility condition assessment and an RFP will be issued. The current plan is to have this RFP issued by September 1.