







## Council Rock School District Facilities Committee Meeting

August 19, 2021

### FACILITIES COMMITTEE MEETING AGENDA

### I. Energy Management Update

a. Energy Performance Report

#### II. Facilities Improvement Projects Update

- a. New Council Rock STAR Center Project
- b. Hillcrest Elementary School Additions and Renovations Project
- c. Sol Feinstone Elementary School Additions and Renovations Project
- d. CRHS South Synthetic Turf Field Project

#### **III. Capital Improvement Projects Update**

a. 2021 Summer Project Update



### FACILITIES COMMITTEE MEETING AGENDA

## IV. Miscellaneous Agenda Items

- a. MM Welch ES Trail Easement
- b. Rolling Hills ES Final Change Order
- Approval of the PA Commission of Crime and Delinquency Act
   44 of 2018 School Safety and Security Annual Report
- d. Act 39 of 2018 Lead in Drinking Water Testing EES

# V. Board Agenda Items

VI. Upcoming Meetings and Topics



## **Energy Management Update**

#### **Aramark Monthly Energy Reporting**



June 2021 Council Rock School District June 2021 District Performance Overview: Baseline Surrent ENERGY ENERGY STAR 67 STAR Score Score Baseline Energy Use Intensity 54 se intensity (kBtu/GSF Current District Averages: Current Total Cost per Gross Square \$0.90 Foot (\$/GSF) Current Total Adjusted Consumption 24.4% Increase from Baseline Year (weather adjusted) 25% 20% 12% 509 1111111 2013-14 #2014-15 #2015-16 #2016-17 #2017-18 #2018-19 #2019-20 #2020-21 Notes: 1 - Current performance is a 12 month total ending with the month listed for the report. Energy Use Index is based on actual utility consumption. Percent Reduction is

based on weather normalized consumption to eliminate unknowns due to weather. 2 - Seveline information is based on data from Fiscal Year (FY ) 2010. With the exception of Holland EL, Goodnoe EL, and Churchville EL Whose baselines have been

need to FY 2015. Bol Feinstone EI's baseline has been updated to the 12 month period ending August 2015. Holland and Newtown Middle School have a baseline period ending August 2019.

3 - Wrightstown Elementary School will be added back to the performance with a baseline period ending 2/28/0000. This will need to be reset once a full operating year has been completed (8/31/2002) Due to Covid this will be pushed back a year to 8/31/2021.

4 - Rolling Hills Dementary School is closed for renovation beginning June 2018. It will be excluded from performance beginning June 2019 - August 2020" (New date of October 2020 due to COVID and Date Interruptions of construction.) Due to a mater change-out there is a gap in information between 07/2019 and 10/2020. As a meant, Anamark will not be including performance on this achool until a full year of operating data has been completed under the new meters. If the bill can be provided for the material performance performance to this achool until a full year of operating data has been completed under the new meters. If the bill can be provided for the material performance performance.



# **Energy Management Update**



#### **Aramark Monthly Energy Reporting**

#### Analysis on Energy Date:

July 2019 to June 2020	Percent Change from Baseline 12 month period ending Jun-20						
Property Name	Electricity	Nat Gas	Total				
High School South	15%	65%	46%				
Chancellor Center Administration	20%	52%	43%				
Former Richboro Middle School	-29%	78%	36%				
Sol Feinstone Elementary			16%				
Goodnoe Elementary School	-3%	-10%	10%				
Welch Elementary School	-16%	12%	5%				
Newtown Elementary School	-11%	3%	2%				
Holland Elementary School	3%	-18%	2%				
Hillcrest Elementary School	-40%	28%	1%				
Wrightstown Elementary School	7%	-6%	-2%				
Newtown Middle School	-11%	-3%	-3%				
Churchville Elementary School	-14%	-20%	-5%				
High School North	-17%	-3%	-7%				
Richboro Elementary School	-44%	7%	-11%				
Holland Middle School	-21%	-21%	-18%				
Total	-9%	11%	8%				
negative percentage is a reduction in energy use							

July 2020 to June 2021	Percent Change from Baseline 12 month period ending Jun-21						
Property Name	Electricity	Nat Gas	Total				
High School South	27%	103%	72%				
Chancellor Center Administration	34%	89%	72%				
Former Richboro Middle School	-34%	122%	58%				
Goodnoe Elementary School	2%	24%	39%				
Newtown Elementary School	-13%	46%	27%				
Churchville Elementary School	-6%	11%	22%				
Sol Feinstone Elementary			21%				
Hillcrest Elementary School	-34%	57%	20%				
Welch Elementary School	-21%	31%	16%				
Holland Elementary School	19%	-11%	14%				
Richboro Elementary School	-43%	28%	2%				
Newtown Middle School	-14%	4%	1%				
High School North	-13%	4%	-1%				
Wrightstown Elementary School	-2%	-8%	-5%				
Holland Middle School	-16%	-5%	-6%				
Total	-4%	33%	23%				
negative percentage is a reduction in energy use							

negative percentage is a reduction in energy use

- ✓ Today energy is up 24% compared to the baseline
- ✓ One year ago energy was up 8% compared to the baseline
- Energy steadily increasing over last 6 months
- ✓ Savings in electricity decreased from 9% savings to 4% savings
- $\checkmark$  Increase in natural gas declined from 11% to 33%

Operational Changes due to the pandemic are likely the large contributor

# **Energy Management Update**



#### **Aramark Monthly Energy Reporting**

#### Analysis on Energy Date:

	Percent Change from Baseline 12 month period ending Jun-21		Percent Change from Baseline 12 month period ending Jun-20			Annual Change	
Property Name	Electricity	Nat Gas	Total	Electricity	Nat Gas	Total	Total
High School South	27%	103%	72%	15%	65%	46%	26%
Chancellor Center Administration	34%	89%	72%	20%	52%	43%	29%
Former Richboro Middle School	-34%	122%	58%	-29%	78%	36%	22%
Goodnoe Elementary School	2%	24%	39%	-3%	-10%	10%	29%
Newtown Elementary School	-13%	46%	27%	-11%	3%	2%	24%
Churchville Elementary School	-6%	11%	22%	-14%	-20%	-5%	27%
Sol Feinstone Elementary			21%			16%	5%
Hillcrest Elementary School	-34%	57%	20%	-40%	28%	1%	19%
Welch Elementary School	-21%	31%	16%	-16%	12%	5%	11%
Holland Elementary School	19%	-11%	14%	3%	-18%	2%	12%
Richboro Elementary School	-43%	28%	2%	-44%	7%	-11%	13%
Newtown Middle School	-14%	4%	1%	-11%	-3%	-3%	4%
High School North	-13%	4%	-1%	-17%	-3%	-7%	6%
Wrightstown Elementary School	-2%	-8%	-5%	7%	-6%	-2%	-4%
Holland Middle School	-16%	-5%	-6%	-21%	-21%	-18%	12%
Total	-4%	33%	23%	-9%	11%	8%	15%

negative percentage is a reduction

in energy use

# FACILITIES IMPROVEMENTS PROJECTS UPDATE



**Council Rock Star Center Project – Construction Update** 

#### **New Council Rock STAR Center Construction:**

#### • Construction Update:

- $\checkmark~$  The building completed on time.
- ✓ The CR STAR Center program was successfully moved from the former RMS to the newly completed CR STAR Center.
- ✓ Ongoing punchlist work continues but does not interfere with the preparations of the CR STAR Center program.
- ✓ The new furniture has been delivered and set in place (there are some components that were completed last week).
- A temporary Certificate of Occupancy (CO) has been received from Northampton Township. The final CO is expected following the Bucks County Board of Health inspection by next week.
- ✓ The aluminum composite panels needed to complete the main entrance façade are not expected for delivery until September. This is an aesthetics issue only.

**Council Rock Star Center Project – Construction Update** 



Aluminum composite panels expected in September 2021

Aerial photo of nearly completed facility





**Council Rock Star Center Project – Construction Update** 





Main Entrance – Missing aluminum composite panels expected delivery September 2021

**Council Rock Star Center Project – Construction Update** 



Main Entrance – Missing aluminum composite panels expected delivery September 2021





**Council Rock Star Center Project – Construction Update** 





Large Group Instruction Area – Operable partition to divide space into individual Classrooms







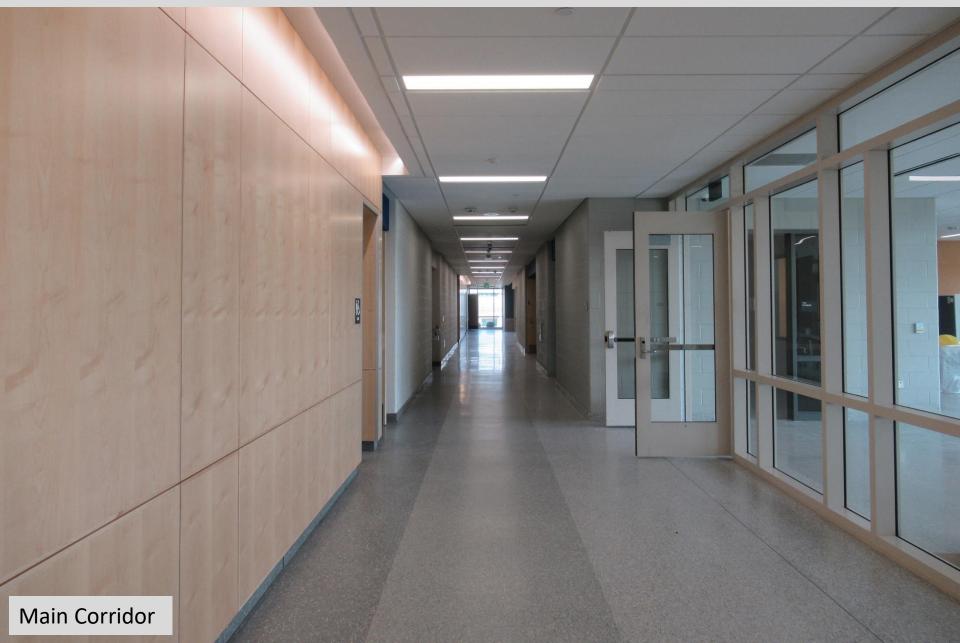












Hillcrest Elementary School Additions and Renovations Project – Construction Update

#### Hillcrest Elementary School Additions and Renovations:

#### Construction Update

- ✓ The building was vacated and successfully moved to the former RMS in late June.
- ✓ The classrooms are being prepared by Nakia and team at the former RMS and will be ready for the 2021-22 school year.
- $\checkmark~$  The demolition is in progress.
- $\checkmark$  The site work is in progress.
- The existing quarry tile corridor floors were assumed to be thin set over the concrete slab but are actually wet bed installation. To clarify, the concrete slab was recessed 2" and the quarry tile were set in a 2" wet bed of mortar. Proposed solution: Perform a sounding of the existing floor tile to ensure sound bond, prepare the tile surface and install the new quartz tile flooring over the tile. An area will be tested before proceeding with the full scope of work. Impact: Potential credit.
- ✓ Roof replacement will commence in August and performed in small areas to ensure the building interior remains weather tight.
- ✓ Process PlanCon Part H Project Financing



Hillcrest Elementary School Additions and Renovations Project – Construction Update



Concrete floor demolition – under slab utility installations

Hillcrest Elementary School Additions and Renovations Project – Construction Update



Demolition of interior partitions in progress (Administration Area)

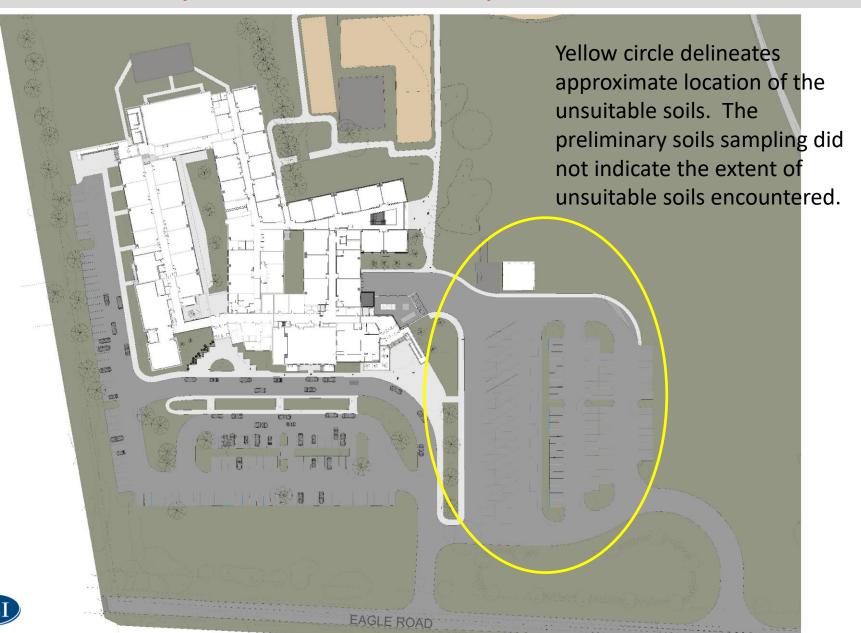
Sol Feinstone Elementary School Additions and Renovations Project – Construction Update

#### Sol Feinstone Elementary School Additions and Renovations:

#### Construction Update

- ✓ Phase I building demolition is in progress
- ✓ Temporary classroom construction is in progress and ready for staff and students for the 2021-22 school year.
- Site work is in progress. A large quantity of unsuitable soils (excessive organic soils) have been encountered at the site preparations for the new classroom addition and bus drive/new parking area. Soils exchange with 2A modified stone is required in the estimated quantity of 3,000 cubic yards. Efforts to lose some of the organic soils on site will help to reduce the unit price for soils exchange. The estimated cost to perform the work is \$150k, a determination to adjust the project allowance or contingency will be discussed after the actual cost is determined.
- ✓ The structural steel delivery for the classroom wing originally projected for November has been moved forward to October.
- ✓ Process PlanCon Part H Project Financing

Sol Feinstone Elementary School Additions & Reno. Project – Site Plan

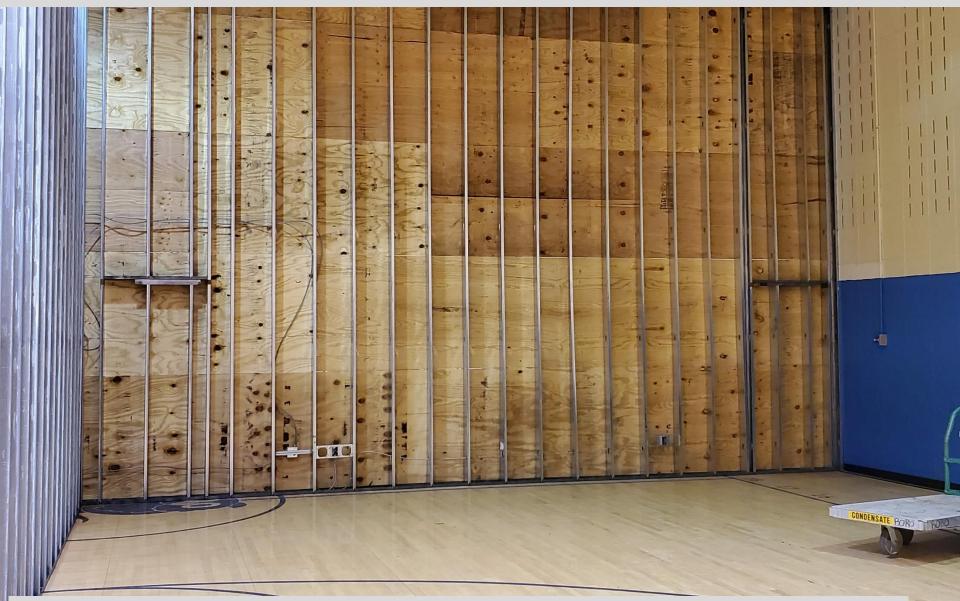


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Sol Feinstone Elementary School Additions and Renovations Project – Construction Update

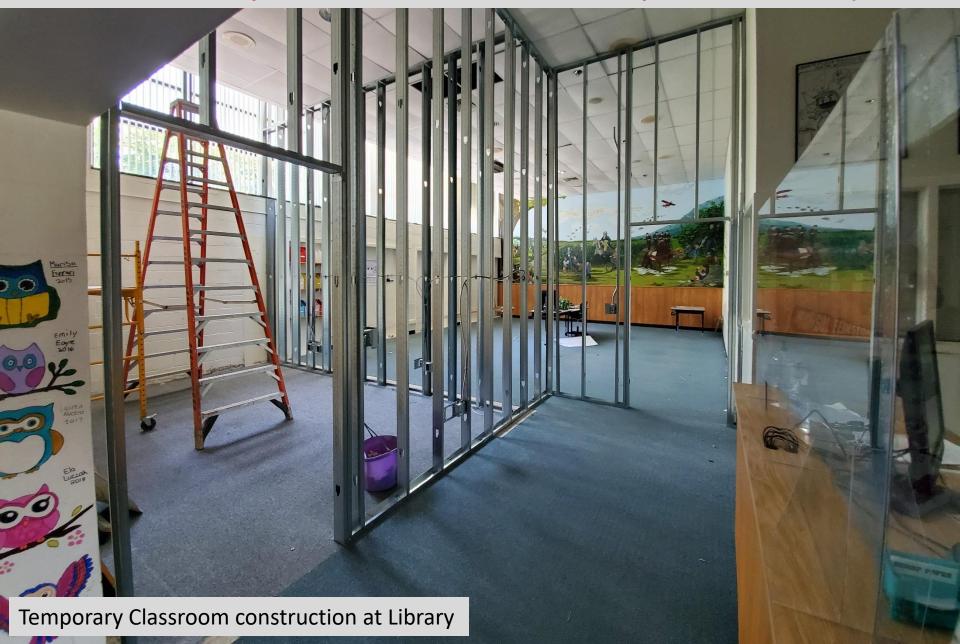


Sol Feinstone Elementary School Additions and Renovations Project – Construction Update



Temporary Classroom construction at Gymnasium – Insulated wall between Gym and CR's

Sol Feinstone Elementary School Additions and Renovations Project – Construction Update



Sol Feinstone Elementary School Additions and Renovations Project – Construction Update



Sol Feinstone Elementary School Additions and Renovations Project – Construction Update



#### Soils removal at future bus loop and new parking area

**CRHS South Synthetic Turf Project – Construction Update** 

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#### **CRHS South Synthetic Turf Project:**

#### Construction Update

- ✓ Site excavations in progress.
- ✓ Underground stormwater management system installed.
- ✓ Electrical service extended from electrical room to exterior of building adjacent to new athletic field.
- ✓ Water service extended from the existing building.
- ✓ Delivery and installation of the synthetic turf field scheduled for September.
- ✓ The Musco field lights will be installed by 20AUG21.
- ✓ Project is on schedule for a late October completion.

**CRHS South Synthetic Turf Project – Construction Update** 



synthetic turf field location

Stops: - mak

natural turf field location

Possible future connection to parking lot for controlled exiting of traffic during school events (locked gate at Holland Road) see dashed yellow lines

diseased and dead trees to be removed (yellow circles)

Site preparation including new underground stormwater management system

**CRHS South Synthetic Turf Project – Construction Update** 



Trees to be removed – possible future connection to CRHS South parking lot (large event exit)

**CRHS South Synthetic Turf Project – Construction Update** 



Installation of Musco Field Lighting

# CAPITAL IMPROVEMENTS PROJECTS UPDATE



## **Capital Improvements Projects Update**

#### **2021 Summer CIP Projects – Progress Update**



#### **Summer 2021 CIP Project Plan** (19AUG21 Update)

Project No.	Project Name	Progress
20-43	CRHS South Glazing Replacement	<ul> <li>✓ Work in progress</li> <li>✓ 95% complete</li> <li>✓ Waiting for Spandrel panels for CRHS South</li> </ul>
20-44	CRHS North Natatorium Starting Blocks	<ul> <li>✓ Working around pool use</li> <li>✓ Waiting for delivery of the starting blocks (September delivery expected)</li> </ul>
20-45	CRHS North Admin HVAC Replacement	<ul> <li>Procuring equipment – Delivery update expected in early August</li> <li>Work will be delayed until holiday break if the equipment delivery impacts the ability to complete the work by late August</li> </ul>
20-46	CR STAR Signal and 15MPH Flashers	<ul> <li>✓ Work in progress – Flashers: remaining equipment for flasher project were delivered 26JUL21 – Final programming in progress with work to be completed by 16AUG21</li> <li>✓ Traffic signal work in progress – brick paver crossing and road striping completed</li> <li>✓ Signal poles will not ship until 08OCT21 – Township is aware of the delay</li> </ul>
20-51	HMS Rain Garden Modifications	✓ Contractor performing work at CRHS South/work to complete by 27AUG21
20-52	CRHS South Terrazzo Repairs	<ul> <li>Global supply shortage of Resin. Epoxy resin in limited supplies - Will likely perform corridor floor replacement in 2022 with no cost impact</li> <li>All other work complete</li> </ul>
20-55	District-Wide HVAC IAQ Improvements	<ul> <li>Work in progress – baseline IAQ testing complete</li> <li>CR STAR Center needlepoint bipolar ionization systems are installed an baseline testing-post installation testing completed – report forthcoming</li> </ul>

## **Capital Improvements Projects Update**

**2021 Summer CIP Projects – Progress Update** (Updated 19AUG21)



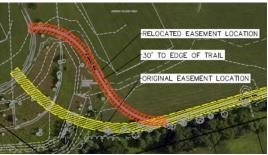
Project Name	Percentage Complete				Comments	
	25%	50%	75%	100%		
CRHS South/CC Glazing Replacement					Work in progress	
CRHS North Natatorium Starting Blocks					Waiting for Delivery	
CRHS North Admin HVAC Replacement					Waiting for Delivery	
District-Wide 15MPH Flashers					Work in progress	
CR STAR Signal Installation					Posts/Mast Ship - 080CT21	
HMS Rain Garden Modifications					27AUG21 Completion	
CRHS South Terrazzo Repairs					Return 2022 to Complete	
District-Wide HVAC IAQ Improvements					Work in Progress – Nov Completion Date	



## Miscellaneous Update

Northampton Township Easement – MM Welch ES Modified Trail Easement

- MM Welch ES Modified Trail Easement (from 20MAY21 FACCOM PP)
  - ✓ The easement request (shown in yellow) was approved by the Board in 2016
  - The trail connects a small parking area at New Road to the Northampton Township Municipal Park
  - ✓ The Township received a 50/50 matching State grant through the DCED Greenways Trails and Recreation Program to construct the trail and small trailhead parking area at New Road
  - ✓ The bid results were higher than anticipated due to a footbridge over the water basin area resulting in a bid rejection
  - ✓ An alternative path has been suggested that would eliminate the footbridge and project costs accordingly (shown in red)
  - ✓ The revised trail location would not impact the soccer field
  - ✓ The Township is seeking Board approval of the proposed realignment and modified easement

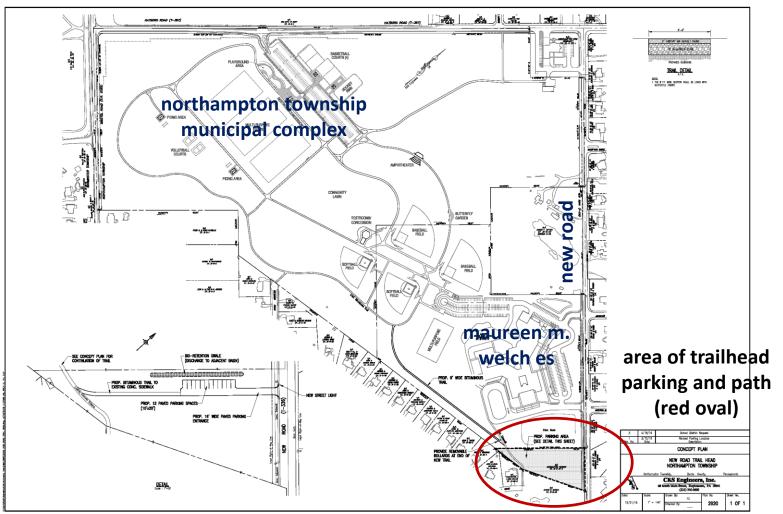


## **Miscellaneous Update**

**Northampton Township Easement – MM Welch ES Modified Trail Easement** 

• MM Welch ES Modified Trail Easement (from 20MAY21 FACCOM PP)

#### Site Location Map:



## **Miscellaneous Update**

**Northampton Township Easement – MM Welch ES Modified Trail Easement** 

• MM Welch ES Modified Trail Easement (from 20MAY21 FACCOM PP)

Proposed Reconfiguration - Enlarged image:



#### **MM Welch Trail Easement** – Update (updated August 2021)





ALC: COMINACIDES INCREME ON THE PROJECT SHALL SH

NOTOF TO UTLITES BEFORE YOU FROMME

SERIAL NO. ##########

DATE: 06/15/202

HEET

#### MM Welch Trail Easement – Update (updated August 2021)



OCATIONS OF EXISTING UNDERGROUND UTILITIES /FACILITIES SHOWN HEREON HAVE BEEN DEVELOPED FROM RECORDS, FIELD S BY UTILY OWNERS, AND/OR ABOVE - RECOMD TION OF THE SITE NO EXCAVATIONS WERE PERF REPARATION OF THESE DRAWINGS; THEREFORE A SHOWN SHOULD BE CONSIDERED APPROXIMATE IN SUND UTILITIES/FACILITIES TO BE PRESENT WHIC IN ON THE DRAWINGS. ONLY THE VSIBLE LOCA URVEY SHALL BE CONSIDERED TRUE ANTEED BY CLUCEE

AND DEPTH OF ALL UNDERGROUND UTILITES/FACILIT START OF WORK AND SHALL COMPLY WITH THE ENTS OF P.L. 852, NO. 287 DECEMBER 10, 1974 AMENCED ON APRIL 28, 2018 PENNSYLVMIA ACT 50

ILMORE & ASSOCIATES INC. HAS OBTAINED A PA-ONE CALL ERIAL NUMBER AS NOTED HEREON FOR DESIGN PURPOSES ONLY



AA LAW REQUIRES THREE WORKING DAYS NOTOF TO UTUITES REPORT YOU DISAWAT, DATE: 06/15/2021 SERIAL NO. ##########



ROAD VEW **Rolling Hills ES – Project Closeout** 

### **Boro Construction – Electrical Contractor:**

- Final Change Order to closeout RHES project
- Change Order provide a credit for deleting the UV filtration (replaced with needlepoint bipolar ionization)
- The final accounting for the electrical contract is as follows:

#### **Boro Construction (EC)**

•	Starting Contract	\$ 2,832,000.00
•	Change Orders	\$ -28,513.20
•	Total Contract	\$ 2,803,486.80

- \$ 28,513.20



## **Facilities Improvements Projects Update**

**Rolling Hills Elementary School – Project Closeout** 

### **Rolling Hills Elementary School: Contract Closeout**

#### **General Contractor Starting Contract** \$ 13,710,000.00 **Change Orders** 188,531.70 + \$ 188,531.70 S **Total Contract** \$ 13,898,531.70 Mechanical Contractor **Starting Contract** 1,213,000.00 S -39,274.30 - \$ 39,274.30 **Change Orders** Ś **Total Contract** 1,173,725.70 **Electrical Contractor Starting Contract** 2,832,000.00 \$ Ś **Change Orders** -28,513.20 28,513.20 - Ś **Total Contract** Ś 2,803,486.80 • **Plumbing Contractor Starting Contract** 3,297,000.00 Ş **Change Orders** -224,867.63 - \$ 224,867.63 **Total Contract** Ś 3,072,132.37 • **Environmental Contractor**

•	Starting Contract	Ş	122,940.00
•	Change Orders	\$	-12,991.60
•	Total Contract	\$	109,948.40

- \$ 12,991.60



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## **Facilities Improvements Projects Update**

**Rolling Hills Elementary School – Project Closeout** 



#### **All Prime Contractors**

- Starting Contract Amount
- Final Contract Amount
- FINAL CONSTRUCTION COST
- \$ 21,174,940.00
- <u>\$ 21,057,824.97</u>

(\$

117,115.03) Below Board Approved Budget



Security – Final Reporting



PA Approval of the PA Commission of Crime and Delinquency Act 44 of 2018 School Safety and Security Annual Report:

- 22JUN18 Act 44 of 2018 School Safety and Security was signed into law
- The School Safety and Security Coordinator is required to report to the School Board (via executive session) by 30JUN on school safety and security related practices. The report has not been requested since the pandemic but want to record and submit. Per Act 44, the report is not subject to RTK law.



Security – Final Reporting

### PA Act 39 of 2018 Lead in Drinking Water:

- To prevent exposure to lead contamination in the drinking water of Pennsylvania's schools, the Public School Code was amended in June 2018 by Act 39.
  - ✓ Encourage schools to test for lead in their drinking water;
  - Require schools that do not test to discuss lead issues at a public meeting; and
  - ✓ Implement a plan if results exceed the U.S. Environmental Protection Agency's (EPA) national primary drinking water standard of 15 parts per billion (ppb).
- Under Act 39 of 2018, schools may, but are not required to, test for lead levels annually in the drinking water of any facility where children attend school.





**Security** – Final Reporting

#### PA Act 39 of 2018 Lead in Drinking Water:

- If a school chooses not to test for lead levels, then the school must discuss lead issues in school facilities at a public meeting once a year. This meeting may be a stand-alone meeting or part of an existing public meeting (such as a school board meeting).
- CRSD's environmental consultant Element Environmental Solutions performed the districts annual lead in drinking water testing the week of 09AUG21 (Excluding drinking fountains – to be tested after the fountains are back in operation).
- A report on findings and remediation(if applicable) is forthcoming. A follow-up report will be provided.





**Professional Custodial Services – ABM Professional Fee Adjustment** 

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### **Current Economic Impact to Staffing:**

Guests: Joseph Scala - ABM Bernie Rickards - ABM

### Excerpts from ABM email:

- Current economic situation forcing wage rates to dramatically increase
- Local establishments, fast food restaurants, retail stores are offering bonuses and increased wage rates
- Since ABM is competing from same labor pool it is creating a challenge
- Developed options in an effort to increase the candidate pool



**Professional Custodial Services – ABM Professional Fee Adjustment** 

**Current Economic Impact to Staffing:** 

ABM proposed options:



	Annual	-	Monthly	Difference from current
Current Rate	\$	2,775,346.00	\$231,278.83	
Raise wage to 14.00 Average	s	2,979,714.00	\$ 248,309.50	\$ 204,368.00
Raise wage to \$14.50 Average	\$	3,060,452.00	\$255,037.67	\$ 285,106.00
Raise wage to \$15.00 Average	\$	3,158,626.00	\$ 263,218.83	\$ 383,280.00
Increase of Wage and reduction of Staff by 2FTE				
Raise wage to 14.00 Average	\$	2,912,282.00	\$242,690.17	\$ 136,936.00
Raise wage to \$14.50 Average	\$	2,990,741.00	\$249,228.42	\$ 215,395.00
Raise wage to \$15.00 Average	s	3,086,635.00	\$257,219.58	\$ 311,289.00

#### Wage Adjustment for Council Rock

# BOARD AGENDA ITEMS



## **Board Agenda Items**

**Board Agenda Items – Recommendations for 09SEP21 Board Meeting \*Consent Agenda** 

Funding: N/A \*PlanCon Part H Project Financing Sol Feinstone Elementary School Additions and Renovations \*PlanCon Part H Project Financing Funding: N/A Hillcrest Elementary School Additions and Renovations **Funding: Capital** \*Change Order EC-002 (\$15,145.67) ✓ Rolling Hills Elementary School Additions and Renovations \*Northampton Township Trail Easement Funding: N/A ✓ MM Welch ES Site \*ABM Contract Amendment (To be determined)

**Funding: Maintenance** 

✓ Custodial Services – Professional Fee Adjustment

## **Upcoming Meetings & Topics:**

Meetings and Topics include, but may not be limited to:

MEETING DATE	PROBABLE TOPICS
09SEP21 (BRD MTG)	Approval of 19AUG21 FACCOM Agenda Items
23SEP21 FACCOM Mtg	General Project Updates
210CT21 FACCOM Mtg	Capital Improvement Plan Presentation of Version 10

Note: Dates and Topics are Subject to Change and/or Expand



## **Questions/Comments- Thank you!**

### Next Facilities Committee Meeting: Thursday, September 23, 2021 @ 7:00pm

