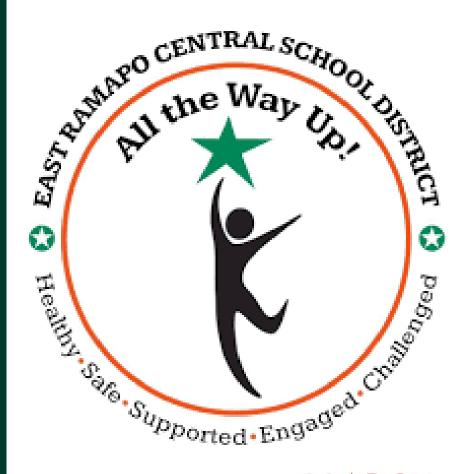
# East Ramapo Central School District ARPA PROJECT Monthly Progress Update

July 11, 2023







### **East Ramapo Central School District**



# ERCSD Board of Education ARPA Project - Monthly Progress Update

July 11, 2023

**Jacobs** 

July 11, 2023 BOE Meeting



#### 1. Project Update

- a. Summer 2023 Work Overview
- b. Construction Financial Update
- c. Project Schedule Overview by PHASE
  - Overall Project Schedule
  - PHASE 1A: Kitchen Hoods & Equipment Replacement Project
- d. PHASE 3A Flooring Abatement & Replacement Work
  - Eldorado
  - Fleetwood
  - Grandview
  - Hempstead
  - Lime Kiln
  - Summit Park

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#### 1.a. Summer 2023 Work Areas

East Ramapo Central School District
ARPA Project - Construction Work Areas (SUMMER 2023)

**FINAL UPDATE** 

		Kitchen Hood	Flooring Abatement &	
	School	Replacement Projects	Replacement Projects	Notes
1	Eldorado ES	SUMMER 2023	SUMMER 2023	
2	Fleetwood ES	SUMMER 2023	SUMMER 2023	
3	Grandview ES	SUMMER 2023	SUMMER 2023	
4	Summit Park	SUMMER 2023	SUMMER 2023	
5	Lime Kiln ES	SUMMER 2023	SUMMER 2023	
6	Hempstead ES		SUMMER 2023	
7	Elmwood ES		SUMMER 2023	
8	Margetts ES	available	available	available for district activities
9	Kakiat - STEAM Academy	available	available	available for district activities
10	Kakiat - Early Childhood Center (ECC)	available	available	available for district activities
11	Ramapo HS	available	available	available for district activities
12	Spring Valley HS	available	available	available for district activities
13	Pomona MS	available	available	available for district activities
14	Chestnut Ridge MS	available	available	available for district activities





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**PHASE 1:** EMERGENCY PROJECT:

Flooring Abatement & Replacements

• Spring Valley High School (+/-) 120,000 sf

PHASE 1A: Flooring Abatement & Replacements

• Four (4) Schools (+/-) 300,000 sf Kitchen Hoods Abatement & Replacements

PART 1: Six (6) Schools

PART 2: Five (5) Schools

• Summer 2023

MEP Upgrades

• Four to Five (4-5) Schools

Summer 2024

PHASE 1B: ADA Upgrades

• Five (5) Schools

Spring 2024 - Summer 2024

Door & Hardware Replacements

Five (5) Schools

• Winter 2023 – Spring 2024

Window Replacements

• Three (3) Schools

• Fall/Winter 2023 - Spring 2024

PHASE 2: MEP Upgrades

Chestnut Ridge Chiller

Summer 2024

**PHASE 3A:** Flooring Abatement & Replacements

Six (6) Schools

Summer 2023

**PHASE 3B:** Door & Hardware Replacements

• Eight (8) Schools

Spring/Summer/Fall 2024

PHASE 3C: MEP Upgrades

Up to Seven (7) Schools

Spring/Summer/Fall 2024

ADA Upgrades

• Eight (8) Schools

Spring/Summer/Fall 2024

PHASE 3D: Window Replacements (TBD)

Up to Five (5) Schools

Spring/Summer/Fall 2024





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#### 1.a. Summer 2023 Work Overview

#### Flooring Abatement & Replacement Projects

- Coordinating with Renu/Milburn Specific Phasing Plans for each School
- Coordinating with District IT Staff
- Coordinating with District Custodial Staff
- Coordinating with District Principles

#### **Kitchen Hood Projects**

- Coordination with District Staff
- Coordination with Prime Contractors

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### 1.b. Construction Financial Update

PHASE 1 - Spring Valley Emergency Work: PHASE 1A - Abatement & Flooring at 4 schools: KITCHEN HOODS - 11 Schools: PHASE 3A - Abatement & Flooring at 6 schools: PHASE 1B - Door & Hardware Replacement at 5 schools: PHASE 1B - Window Replacements at Margetts & Elmwood: PHASE 1A - HVAC Work (TRANE) - Margetts & Kakiat:	\$ 3,825,045 \$ 10,566,221 \$ 3,425,644 \$ 10,220,805 \$ 3,669,089 \$ 2,760,000 \$ 13,975,762 \$ 48,442,566	(Summer 2023) (Summer 2023) (Winter/Spring/Summer 2024) (Winter/Spring/Summer 2024) (Pending 7/11/23 BOE approval)
Spring - Summer - Fall 2024 : (projected) PHASE 1A - HVAC Work (TRANE) - Spring Valley & Ramapo: PHASE 3B - Door & Hardware Replacement at 8 schools: PHASE 1B - ADA, PHASE 3C - ADA & Windows:	(+/-) \$ 11,649,611 (+/-) \$ 3,288,893 (+/-) <u>\$ 13,647,644</u> \$ 28,586,148	(Proposal review in-progress) (Proposal review in-progress) (Design being finalized)
TOTAL COMBINED	\$ 77,028,714	

CSArch, Jacobs and ERCSD are continuously reviewing and monitoring the Project Scope of work and Budget as it relates to the ARPA deadline.





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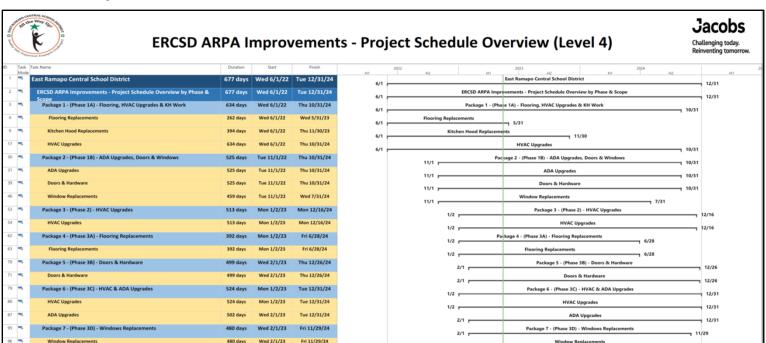
O Representation of the Parket	ERCSD AR	PA lı	mprov	ement	ts - Proj	ect Schedule Ov	erview (Level 3)	Jacobs Challenging today. Reinventing tomorrow.
	rask Task Name	Duration	Start	Finish	Н1	2022 H2 H1	2023 2024 H2 H1 H2	H1 20
1 -	East Ramapo Central School District	677 days	Wed 6/1/22	Tue 12/31/24	6/1	1	East Ramapo Central School District	12/31
2	ERCSD ARPA improvements - Project Schedule Overview by Phase &	677 days	Wed 6/1/22	Tue 12/31/24	6/1	ERCSD ARPA Impr	ovements - Project Schedule Overview by Phase & Scope	12/31
3	Scope Package 1 - (Phase 1A) - Flooring, HVAC Upgrades & KH Work	634 days	Wed 6/1/22	Thu 10/31/24	6/1	Package 1 - (Pha	se 1A) - Flooring, HVAC Upgrades & KH Work	/31
30	Package 2 - (Phase 1B) - ADA Upgrades, Doors & Windows	525 days	Tue 11/1/22	Thu 10/31/24	0,1	11/1 Pac	ckage 2 - (Phase 1B) - ADA Upgrades, Doors & Windows	/31
53	Package 3 - (Phase 2) - HVAC Upgrades	513 days	Mon 1/2/23	Mon 12/16/24			Package 3 - (Phase 2) - HVAC Upgrades	
62	Package 4 - (Phase 3A) - Flooring Replacements	392 days	Mon 1/2/23	Fri 6/28/24			ckage 4 - (Phase 3A) - Flooring Replacements	12/16
70	Package 5 - (Phase 3B) - Doors & Hardware	499 days	Wed 2/1/23	Thu 12/26/24		1/2	Package 5 - (Phase 3B) - Doors & Hardware	
79		524 days	Mon 1/2/23	Tue 12/31/24		2/1	Package 6 - (Phase 3C) - HVAC & ADA Upgrades	12/26
	The state of the s					1/2		12/31
95	Package 7 - (Phase 3D) - Windows Replacements	480 days	Wed 2/1/23	Fri 11/29/24		2/1	Package 7 - (Phase 3D) - Windows Replacements	11/29

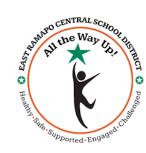




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1.c. Project Schedule Overview by PHASE Overall Project Schedule









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#### 1.c. Project Schedule Overview by PHASE

#### PHASE 1A: Kitchen Hoods & Equipment Replacement Project

Phase 1 consisted of 6 Schools that were completed in the Fall – Winter 2022. Phase 2 consists of the 5 remaining Schools that are scheduled to begin in Summer 2023 and be completed in September 2023. Refer to appendices for Kitchen Hoods Schedule – Summer 2023 (Level 3).

		Kitchen Hoods Schedule	- Sulfillier 202	25 (Leve	el 3 <i>)</i> .				
D. Borney	CENTRAL SCHOOL OF THE SCHOOL O	Kitchen Ho	ods Replace	ement	t Work !	Schedu	le - Sum	nmer 2023 (Leve	Jacobs Challenging today. Reinventing tomorrow.
ID	Task Mode	Task Name	BIC	Duration	Start	Finish	Predecessors	Qtr 3, 20 Jun Jul Aug	
1	<u>-</u>	East Ramapo Central School District	Responsible Contractor	54 days	Tue 6/27/23	Tue 9/12/23		9/12	East Ramapo Central School District
2	<u>-</u> \$	KH Replacement (Phase 2/Summer 2023)		54 days	Tue 6/27/23	Tue 9/12/23		⊚ 9/12	KH Replacement (Phase 2/Summer 2023)
3	<u>-</u> >	Major Milestones		22 days	Wed 7/19/23	Fri 8/18/23		8/18	Major Milestones
16	-2>	Fleetwood Elementary School		48 days	Tue 6/27/23	Fri 9/1/23		9/1	Fleetwood Elementary School
49	<u>-</u> \$	Eldorado Elementary School		48 days	Tue 6/27/23	Fri 9/1/23		9/1	Eldorado Elementary School
82	<u>-</u>	Lime Kiln Elementary School		48 days	Tue 6/27/23	Fri 9/1/23		9/1	Lime Kiln Elementary School
115	<u>-</u> 5	Summit Park Elementary School		53 days	Wed 6/28/23	Tue 9/12/23			Summit Park Elementary School
148	<u>-</u> \$	Grandview Elementary School		53 days	Wed 6/28/23	Tue 9/12/23		9/12	Grandview Elementary School
								9/12	





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#### 1.c. Project Schedule Overview by PHASE

#### PHASE 1A: Kitchen Hoods & Equipment Replacement Project

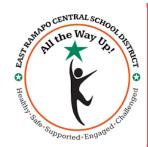
Phase 1 consisted of 6 Schools that were completed in the Fall – Winter 2022. Phase 2 consists of the 5 remaining Schools that are scheduled to begin in Summer 2023 and be completed in September 2023. Refer to appendices for Kitchen Hoods Schedule – Summer 2023 (Level 4).

	É	Kitchen Hoods I	Replace	ement	: Work S	Schedul	le - Sumr	Jacobs mer 2023 (Level 4) Jacobs Relinenting tomorrow.
ID	Task Mode		BIC	Duration	Start	Finish	Predecessors	Qtr 3, 2023   Qtr 4, 2023     Jun   Jul   Aug   Sep   Oct   Nov   Dec
1	4	East Ramapo Central School District	Responsible Contractor	54 days	Tue 6/27/23	Tue 9/12/23		• East Ramapo Central School District 9/12
2	-3	KH Replacement (Phase 2/Summer 2023)		54 days	Tue 6/27/23	Tue 9/12/23		9/12 KH Replacement (Phase 2/Summer 2023)
3	=,	Major Milestones		22 days	Wed 7/19/23	Fri 8/18/23		Major Milestones
4	=5	Fleetwood, Eldorado & Lime Kiln - Elementary Schools		16 days	Wed 7/19/23	Thu 8/10/23		Fleetwood, Eldorado & Lime Kiln - Elementary Schools 8/10
10	=,	Summit Park & Grand View - Elementary Schools		16 days	Thu 7/27/23	Fri 8/18/23		Summit Park & Grand View - Elementary Schools
16	=5	Fleetwood Elementary School		48 days	Tue 6/27/23	Fri 9/1/23		9/1 Fleetwood Elementary School
17	=,	Utility Disconnects		1 day	Tue 6/27/23	Tue 6/27/23		1 Utility Disconnects
19	=5	Abatement (AIC)		7 days	Wed 6/28/23	Fri 7/7/23		Abatement (AIC)
21	=,	Install - Steel, Curbs, Gas & Electric Conduit		4 days	Mon 7/10/23	Thu 7/13/23		7/7 Install - Steel, Curbs, Gas & Electric Conduit
26	=,	Installs - Hoods & Duct Work, Ansul Systems, Ceiling Grid, Lights/Devices, Tiles		12 days	Fri 7/14/23	Mon 7/31/23		7/13 Installs - Hoods & Duct Work, Ansul Systems, Ceiling Grid, 7/31
34	=,	Testing & Comissioning		15 days	Thu 7/20/23	Wed 8/9/23		Testing & Comissioning
38	=,	Architect & EOR - Notify, Inspection, Issue Report, Punchlists, Re-inspection		23 days	Tue 8/1/23	Thu 8/31/23		Architect & EOR - Notify, Inspection, Issue Re
44	=5	NYSED Notification from Architect		1 day	Thu 8/24/23	Thu 8/24/23		8/31 NYSED Notification from Architect
46	=,	Rockland BOCES Inspection & Occupancy		6 days	Fri 8/25/23	Fri 9/1/23		8/24 Rockland BOCES Inspection & Occupancy
49	=,	Eldorado Elementary School		48 days	Tue 6/27/23	Fri 9/1/23		9/1 Eldorado Elementary School
50	=,	Utility Disconnects		1 day	Tue 6/27/23	Tue 6/27/23		9/1 Utility Disconnects
52	=,	Abatement (AIC)		7 days	Wed 6/28/23	Fri 7/7/23		6/27 Abatement (AIC)
54	=,	Install - Steel, Curbs, Gas & Electric Conduit		4 days	Tue 7/11/23	Fri 7/14/23		7/7 Install - Steel, Curbs, Gas & Electric Conduit
59	=,	Installs - Hoods & Duct Work, Ansul Systems, Ceiling Grid, Lights/Devices, Tiles		14 days	Mon 7/17/23	Thu 8/3/23		7/14 Installs - Hoods & Duct Work, Ansul Systems, Ceiling Gric





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#### 1.c. Project Schedule Overview by PHASE

PHASE 1A: Kitchen Hoods & Equipment Replacement Project

Phase 1 consisted of 6 Schools that were completed in the Fall – Winter 2022. Phase 2 consists of the 5 remaining Schools that are scheduled to begin in Summer 2023 and be completed in September 2023. Refer to appendices for

Kitchen Hoods Schedule - Summer 2023 (Level 4).

	<u>сии</u>	te Sammer Zozo (		<u>,</u>				
	E .	Kitchen Hoods F	Replace	ement	Work S	Schedul	le - Sum	Jacobs nmer 2023 (Level 4) Callenging today. Reinversing tomorrow.
ID	Task Mode	Task Name	BIC	Duration	Start	Finish	Predecessors	
67	-5	Testing & Comissioning		15 days	Thu 7/20/23	Wed 8/9/23		Testing & Comissioning 8/9
71	=5,	Architect & EOR - Notify, Inspection, Issue Report, Punchlists, Re-inspection		20 days	Fri 8/4/23	Thu 8/31/23		Architect & EOR - Notify, Inspection, Issue Re
77	=5	NYSED Notification from Architect		1 day	Thu 8/24/23	Thu 8/24/23		NYSED Notification from Architect
79	=5,	Rockland BOCES Inspection & Occupancy		6 days	Fri 8/25/23	Fri 9/1/23		Rockland BOCES Inspection & Occupancy 9/1
82	-5	Lime Kiln Elementary School		48 days	Tue 6/27/23	Fri 9/1/23		Lime Kiln Elementary School
83	=	Utility Disconnects		1 day	Tue 6/27/23	Tue 6/27/23		Utility Disconnects
85	=5	Abatement (AIC)		7 days	Wed 6/28/23	Fri 7/7/23		Abatement (AIC)
87	-3	Install - Steel, Curbs, Gas & Electric Conduit		4 days	Wed 7/12/23	Mon 7/17/23		III Install - Steel, Curbs, Gas & Electric Conduit
92	=,	Installs - Hoods & Duct Work, Ansul Systems, Ceiling Grid, Lights/Devices, Tiles		16 days	Tue 7/18/23	Tue 8/8/23		Installs - Hoods & Duct Work, Ansul Systems, Ceiling ©
100	=,	Testing & Comissioning		15 days	Thu 7/20/23	Wed 8/9/23		Testing & Comissioning
104	-4	Architect & EOR - Notify, Inspection, Issue Report, Punchlists, Re-inspection		17 days	Wed 8/9/23	Thu 8/31/23		Architect & EOR - Notify, Inspection, Issue Re
110	=,	NYSED Notification from Architect		1 day	Thu 8/24/23	Thu 8/24/23		NYSED Notification from Architect 8/24
112	=5	Rockland BOCES Inspection & Occupancy		6 days	Fri 8/25/23	Fri 9/1/23		Rockland BOCES Inspection & Occupancy
115	=5	Summit Park Elementary School		53 days	Wed 6/28/23	Tue 9/12/23		9/12 Summit Park Elementary School
116	=5	Utility Disconnects		1 day	Wed 6/28/23	Wed 6/28/23		Utility Disconnects 6/28
118	-4	Abatement (AIC)		7 days	Mon 7/10/23	Tue 7/18/23		Abatement (AIC) 7/18
120	=5	Install - Steel, Curbs, Gas & Electric Conduit		4 days	Wed 7/19/23	Mon 7/24/23		Install - Steel, Curbs, Gas & Electric Conduit
125	=5	Installs - Hoods & Duct Work, Ansul Systems, Ceiling Grid, Lights/Devices, Tiles		14 days	Tue 7/25/23	Fri 8/11/23		Installs - Hoods & Duct Work, Ansul Systems, Ceiling
133	=5	Testing & Comissioning		15 days	Fri 7/28/23	Thu 8/17/23		Testing & Comissioning





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### 1.d. Flooring Abatement & Replacement Work - Eldorado





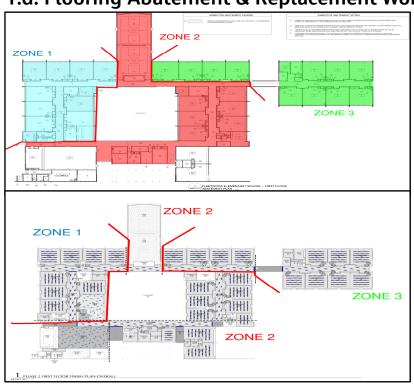






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### 1.d. Flooring Abatement & Replacement Work - Fleetwood





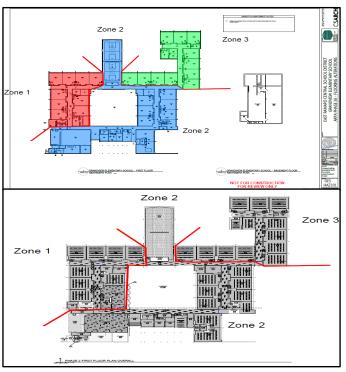


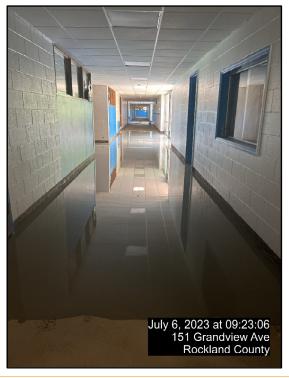




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#### 1.d. Flooring Abatement & Replacement Work - Grandview







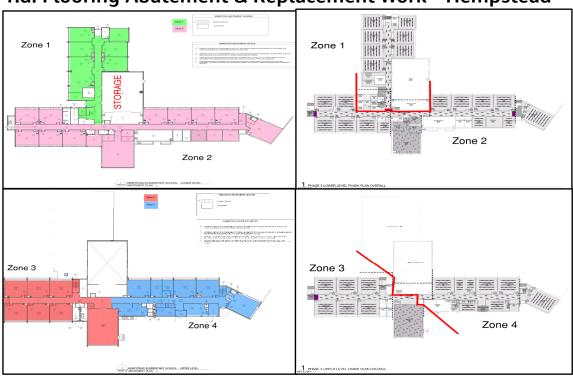




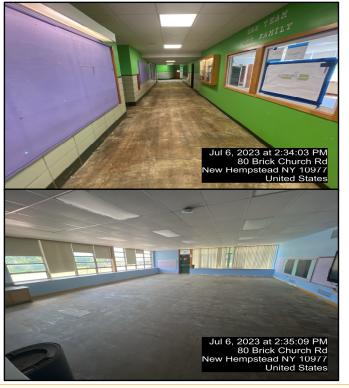


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1.d. Flooring Abatement & Replacement Work - Hempstead





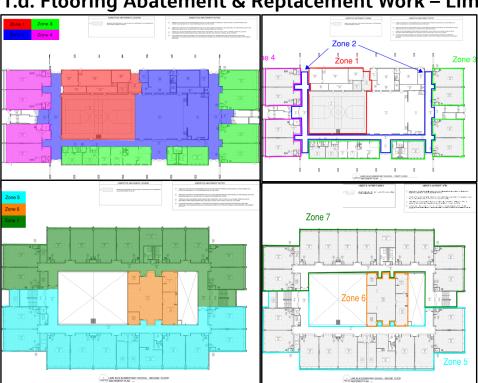


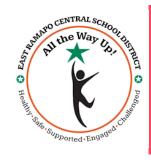




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### 1.d. Flooring Abatement & Replacement Work – Lime Kiln





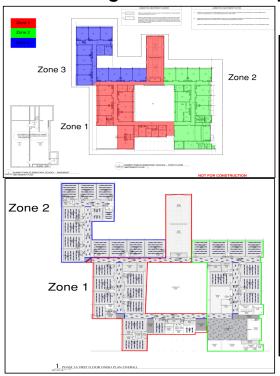






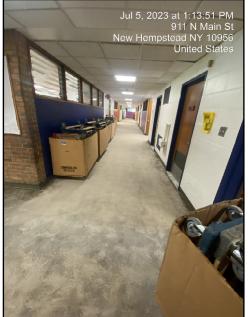
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#### 1.d. Flooring Abatement & Replacement Work – Summit Park









18 CSARCH

**Jacobs** 

**End of Presentation** 



