East Ramapo Central School District ARPA Monthly Progress Update

April 18, 2023





Challenging today. Reinventing tomorrow.





ERCSD Board of Education ARPA Monthly Progress Update

April 18, 2023



April 18, 2023 BOE Meeting



1. Project Update

- a. ARPA Project Overview Statement
- b. ARPA Project Phases & Descriptions
- c. ARPA Schedule Overview Level 3 (DRAFT 4-11-13)
- d. ARPA Schedule Overview Level 4 (DRAFT 4-11-13)
- e. ARPA Construction Financial Update
- f. Summer 2023 Work Areas
- g. ARPA Progress Updates (by PHASE)

PHASE 1A

PHASE 1B

PHASE 2

PHASE 3A

PHASE 3B

PHASE 3C

PHASE 3D





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1.a. ARPA Project Overview Statement

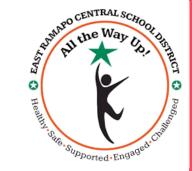
The East Ramapo Central School District has embarked on a major district-wide capital improvement project through the use of the American Rescue Plan Act of 2021 (ARPA) funding, in combination with an Energy Performance Contract (EPC) which together endeavor to expand the program in the following areas:

- 1) District-Wide Indoor Air Quality & select Thermal Envelope Improvements
 - a. MEP Upgrades
 - 1. Thirteen (13) Schools
 - b. Window Replacements
 - 1. Three (3), up to eight (8) Schools
- 2) District-Wide Security Improvements
 - a. Door & Hardware Replacements
 - 1. Thirteen (13) Schools
- 3) Hazardous Materials Removals & Replacements
 - a. Flooring Abatement & Replacements
 - 1. Thirteen (13) Schools (+/-) 720,000 sf
 - b. Kitchen Hood & Ductwork Replacements
 - 1. Eleven (11) Schools
- 4) District-Wide ADA Improvements
 - a. Thirteen (13) Schools





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1.b. ARPA Project Phases & Descriptions

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

- Five (5) Schools
- Summer 2023 Fall 2024

PHASE 1B: ADA Upgrades

- Five (5) Schools
- Spring 2024 Summer 2024

Door & Hardware Replacements

- Five (5) Schools
- Spring 2024 Summer 2024

Window Replacements

- Three (3) Schools
- Fall 2023 Spring 2024

PHASE 2: MEP Upgrades

- Chestnut Ridge Chiller
- Summer 2024

PHASE 3A: Flooring Abatement & Replacements

- Six (6) Schools
- Summer 2023 + Elmwood Summer '24

PHASE 3B: Door & Hardware Replacements

- Eight (8) Schools
- Spring 2024 Fall 2024

PHASE 3C: MEP Upgrades

- Seven (7) Schools
- Spring Summer Fall 2024

ADA Upgrades

- Eight (8) Schools
- Spring Summer Fall 2024

PHASE 3D: Window Replacements

- Up to Five (5) Schools
- Spring Summer Fall 2024





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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
 - Elmwood Elementary School
 - Kakiat Elementary School
 - Margetts Elementary School
 - Pomona Middle School

Kitchen Hoods Abatement & Replacements

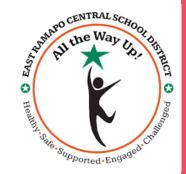
- PART 1: Six (6) Schools
 - Chestnut Ridge Elementary School
 - Elmwood Elementary School
 - · Hempstead Elementary School
 - Kakiat Elementary School
 - Pomona Middle School
 - Margetts Elementary School







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1.b. ARPA Project Phases & Descriptions:

Work Scheduled for Summer - Fall 2023

PHASE 1A: Kitchen Hoods Abatement & Replacements

- PART 2: Five (5) Remaining Schools
 - Eldorado Elementary School
 - Fleetwood Elementary School
 - Grandview Elementary School
 - Summit Park Elementary School
 - Lime Kiln Elementary School
- Summer 2023

MEP Upgrades

- One (1) School
 - Margetts Elementary School
- Summer 2023 Fall 2023

PHASE 1B: Window Replacements

- Three (3) Schools
 - Margetts Elementary School
 - Elmwood Elementary School
 - Kakiat Elementary School
- Fall 2023 Spring 2024

PHASE 3A: Flooring Abatement & Replacements

- Six (6) Schools
 - Eldorado Elementary School
 - Fleetwood Elementary School
 - Grandview Elementary School
 - Summit Park Elementary School
 - Hempstead Elementary School
 - Lime Kiln Elementary School
- Summer 2023





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1.b. ARPA Project Phases & Descriptions: Work Scheduled for Winter 2023 - Fall 2024

PHASE 1A: MEP Upgrades

- Four (4) Schools
- Summer 2024 Fall 2024

PHASE 1B: ADA Upgrades

- Five (5) Schools
- Spring 2024 Summer 2024

Door & Hardware Replacements

- Five (5) Schools
- Spring 2024 Summer 2024

PHASE 2: MEP Upgrades

- Chestnut Ridge Chiller
- Summer 2024

PHASE 3A: Flooring Abatement & Replacements

Elmwood Select - Summer 2024

PHASE 3B: Door & Hardware Replacements

- Eight (8) Schools
- Spring 2024 Fall 2024

PHASE 3C: MEP Upgrades

- Seven (7) Schools
- Spring Summer Fall 2024

ADA Upgrades

- Eight (8) Schools
- Spring Summer Fall 2024

PHASE 3D: Window Replacements

- Up to Five (5) Schools
- Spring Summer Fall 2024





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1.c. ARPA Project Schedule Overview – Level 3 (DRAFT 4-11-23)

	ERCSD ARPA	A Im	prove	ments	- Pı	oject Sch	edule	· O	verview (Level 3)	Jaco Challenging t Reinventing t	oday.
D Task Mode	Task Name	Duration	Start	Finish	02	2022	01		2023 2024	04	01
1 =>	East Ramapo Central School District	677 days	Wed 6/1/22	Tue 12/31/24	6/1	Q3 Q4	ų qi		East Ramapo Central School District	Ų4	12/31
2 🔜	ERCSD ARPA Improvements - Project Schedule Overview by Phase & Scope	677 days	Wed 6/1/22	Tue 12/31/24	6/1		ERC	SD ARI	A Improvements - Project Schedule Overview by Phase & Scope		12/31
3 =	Package 1 - (Phase 1A) - Flooring, HVAC Upgrades & KH Work	634 days	Wed 6/1/22	Thu 10/31/24	6/1		Pac	ckage 1	- (Phase 1A) - Flooring, HVAC Upgrades & KH Work	10/31	
30 📑	Package 2 - (Phase 1B) - ADA Upgrades, Doors & Windows	525 days	Tue 11/1/22	Thu 10/31/24	0,1	11/1			Package 2 - (Phase 1B) - ADA Upgrades, Doors & Windows	10/31	
53 🔫	Package 3 - (Phase 2) - HVAC Upgrades	481 days	Mon 1/2/23	Thu 10/31/24		,. 1	1/2		Package 3 - (Phase 2) - HVAC Upgrades	10/31	
61 🔫	Package 4 - (Phase 3A) - Flooring Replacements	392 days	Mon 1/2/23	Fri 6/28/24			1/2		Package 4 - (Phase 3A) - Flooring Replacements	1 10/31	
69 🔫	Package 5 - (Phase 3B) - Doors & Hardware	502 days	Wed 2/1/23	Tue 12/31/24			2/1		Package 5 - (Phase 3B) - Doors & Hardware		12/31
77 🔜	Package 6 - (Phase 3C) - HVAC & ADA Upgrades	524 days	Mon 1/2/23	Tue 12/31/24			1/2		Package 6 - (Phase 3C) - HVAC & ADA Upgrades		12/31
93 🖘	Package 7 - (Phase 3C) - Windows Replacements	480 days	Wed 2/1/23	Fri 11/29/24			2/1		Package 7 - (Phase 3C) - Windows Replacements		



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Banker CEA	ERCSD ARPA	A Im	prove	ments	ject Schedule Overview (Level 4)	Jaco Challenging Reinventing	today.
Task Mode	Task Name	Duration	Start	Finish	022 2023 2024 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2	Q3 Q4	01
,	East Ramapo Central School District	677 days	Wed 6/1/22	Tue 12/31/24	East Ramapo Central School District		12/31
->	ERCSD ARPA Improvements - Project Schedule Overview by Phase & Scope	677 days	Wed 6/1/22	Tue 12/31/24	ERCSD ARPA Improvements - Project Schedule Overview by Phase & Scope		12/31
->	Package 1 - (Phase 1A) - Flooring, HVAC Upgrades & KH Work	634 days	Wed 6/1/22	Thu 10/31/24	Package † - (Phase 1A) - Flooring, HVAC Upgrades & KH Work	10/31	
-5	Flooring Replacements	262 days	Wed 6/1/22	Wed 5/31/23	Flooring Replacements 5/31	1 10/31	
-5	Kitchen Hood Replacements	394 days	Wed 6/1/22	Thu 11/30/23	Kitchen Hood Replacements		
<u></u>	HVAC Upgrades	634 days	Wed 6/1/22	Thu 10/31/24	HVAC Upgrades	40/24	
=3	Package 2 - (Phase 1B) - ADA Upgrades, Doors & Windows	525 days	Tue 11/1/22	Thu 10/31/24	Package 2 - (Phase 1B) - ADA Upgrades, Doors & Windows	10/31	
	ADA Upgrades	525 days	Tue 11/1/22	Thu 10/31/24	ADA Upgrades	10/31	
-4	Doors & Hardware	525 days	Tue 11/1/22	Thu 10/31/24	Doors & Hardware	10/31	
-3	Window Replacements	459 days	Tue 11/1/22	Wed 7/31/24	Window Replacements	10/31	
<u>-</u> 5,	Package 3 - (Phase 2) - HVAC Upgrades	481 days	Mon 1/2/23	Thu 10/31/24	Package 3 - (Phase 2) - HVAC Upgrades	7/31	
-3	HVAC Upgrades	481 days	Mon 1/2/23	Thu 10/31/24	1/2 HVAC Upgrades	10/31	
=3,	Package 4 - (Phase 3A) - Flooring Replacements	392 days	Mon 1/2/23	Fri 6/28/24	1/2 Package 4 - (Phase 3A) - Flooring Replacements	10/31	
=5	Flooring Replacements	392 days	Mon 1/2/23	Fri 6/28/24	1/2 Flooring Replacements		
→	Package 5 - (Phase 3B) - Doors & Hardware	502 days	Wed 2/1/23	Tue 12/31/24	1/2 Package 5 - (Phase 3B) - Doors & Hardware	28	
=3,	Doors & Hardware	502 days	Wed 2/1/23	Tue 12/31/24	2/1 Doors & Hardware		12/31
<u>_</u>	Package 6 - (Phase 3C) - HVAC & ADA Upgrades	524 days	Mon 1/2/23	Tue 12/31/24	2/1 Package 6 - (Phase 3C) - HVAC & ADA Upgrades		12/31
- 5	HVAC Upgrades	524 days	Mon 1/2/23	Tue 12/31/24	1/2 HVAC Upgrades		12/31
->	ADA Upgrades	502 days	Wed 2/1/23	Tue 12/31/24	1/2 ADA Upgrades		12/31
=5	Package 7 - (Phase 3C) - Windows Replacements	480 days	Wed 2/1/23	Fri 11/29/24	2/1 Package 7 - (Phase 3C) - Windows Replacements		12/31
<u></u>	Window Replacements	480 days	Wed 2/1/23	Fri 11/29/24	2/1 Window Replacements		1/29





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1.e. ARPA Financial Update

PHASE 1: (paid-to-date) \$ 3,876,585 PHASE 1A: (paid-to-date) \$10,073,304 \$ 1,570.713 \$15,465,538

Summer-Fall 2023: (projected)

PHASE 1A: (+/-) \$ 5,500,000 (+/-) \$ 3,000,000 PHASE 1B: PHASE 3A: (+/-) \$ 9,000,000 (+/-) \$17,500,000

CSArch & Jacobs are continuously reviewing and monitoring the Project Budget based on market availability and remaining ARPA deadline.



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1.f. Summer 2023 Work Areas

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

3/9/202

DRAFT - UPDATE

	School	Kitchen Hood Replacement Projects	Unit Ventilator Replacement Projects (PHASE 1 MEP - Part 1)		Mechanical Projects (PHASE 1 MEP - Part 2) (other potential work)	Notes
1	Eldorado ES	SUMMER 2023		SUMMER 2023 **		
2	Fleetwood ES	SUMMER 2023	9	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	Margetts ES		SUMMER 2023 *	u e	SUMMER 2023 *	MEP @ Library extends into early-Fall
8	Kakiat - STEAM Academy					
9	Kakiat - Early Childhood Center (ECC)					
10	Elmwood ES					
11	Ramapo HS					
12	Spring Valley HS					
13	Pomona MS					
14	Chestnut Ridge MS					

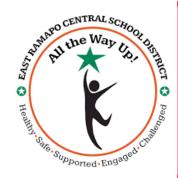
Pending confirmation of TRANE sub-contractor and equipment availability.

^{**} Pending CS Arch design submission to NYSED, and approval.









1.q. ARPA Progress Updates by PHASE

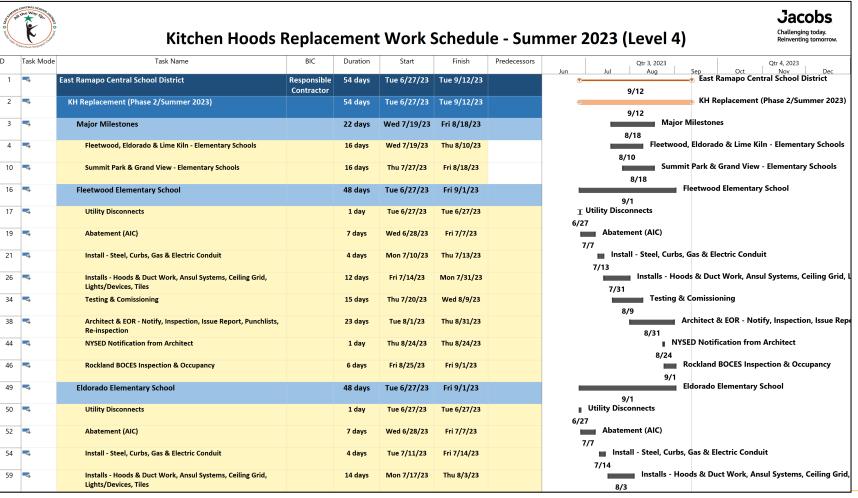
PHASE 1A: Kitchen Hoods & Equipment Replacement Project

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).

BUTTO CENTRAL SCHOOL IN THE WAY SE.	Kitchen Hoods I	Replacem	ent Work	Schedu	le - Sum	nmer 2023 (Level 3)	Jacobs Challenging today. Reinventing tomorrow.
ID Task Mode	Task Name	BIC Dura	ation Start	Finish	Predecessors	Qtr 3, 2023 Jun Jul Aug Sep	Qtr 4, 2023 Oct Nov Dec
1 =	East Ramapo Central School District	Responsible 54 of Contractor	lays Tue 6/27/23	Tue 9/12/23			East Ramapo Central School District
2 =	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 Mile	stones
16 📑	Fleetwood Elementary School	48 0	lays Tue 6/27/23	Fri 9/1/23			wood Elementary School
49 📑	Eldorado Elementary School	48 (lays Tue 6/27/23	Fri 9/1/23		Eldo	rado Elementary School
82 📑	Lime Kiln Elementary School	48 0	lays Tue 6/27/23	Fri 9/1/23			Kiln Elementary School
115 =	Summit Park Elementary School	53 (lays Wed 6/28/23	Tue 9/12/23		9/1	Summit Park Elementary School
148 📑	Grandview Elementary School	53 (lays Wed 6/28/23	Tue 9/12/23		9/12	Grandview Elementary School
						9/12	



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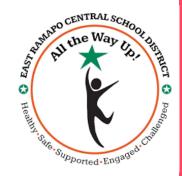
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Party	TENTRAL SCHOOL DA	Kitchen Hoods R	eplac	ement	: Work S	Schedu	le - Sum	Jacobs nmer 2023 (Level 4) Challenging today. Reinventing tomorrow.
ID	Task Mode	Task Name	BIC	Duration	Start	Finish	Predecessors	
67	- ⇒	Testing & Comissioning		15 days	Thu 7/20/23	Wed 8/9/23		Testing & Comissioning 8/9
71	<u>-</u> 3	Architect & EOR - Notify, Inspection, Issue Report, Punchlists, Re-inspection		20 days	Fri 8/4/23	Thu 8/31/23		Architect & EOR - Notify, Inspection, Issue Rep 8/31
77	- >	NYSED Notification from Architect		1 day	Thu 8/24/23	Thu 8/24/23		NYSED Notification from Architect 8/24
79	- 5	Rockland BOCES Inspection & Occupancy		6 days	Fri 8/25/23	Fri 9/1/23		Rockland BOCES Inspection & Occupancy
82	= 5	Lime Kiln Elementary School		48 days	Tue 6/27/23	Fri 9/1/23		Lime Kiln Elementary School
83	- 5	Utility Disconnects		1 day	Tue 6/27/23	Tue 6/27/23		■ Utility Disconnects 6/27
85	- 5	Abatement (AIC)		7 days	Wed 6/28/23	Fri 7/7/23		Abatement (AIC)
87	- >	Install - Steel, Curbs, Gas & Electric Conduit		4 days	Wed 7/12/23	Mon 7/17/23		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 G
100	- 5	Testing & Comissioning		15 days	Thu 7/20/23	Wed 8/9/23		Testing & Comissioning
104	- ⇒	Architect & EOR - Notify, Inspection, Issue Report, Punchlists, Re-inspection		17 days	Wed 8/9/23	Thu 8/31/23		Architect & EOR - Notify, Inspection, Issue Rep
110	- >	NYSED Notification from Architect		1 day	Thu 8/24/23	Thu 8/24/23		NYSED Notification from Architect
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		Summit Park Elementary School
116	- ⇒	Utility Disconnects		1 day	Wed 6/28/23	Wed 6/28/23		Utility Disconnects 6/28
118	<u>-</u> \$	Abatement (AIC)		7 days	Mon 7/10/23	Tue 7/18/23		Abatement (AIC)
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	<u>_</u>	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	<u>-</u> \$	Testing & Comissioning		15 days	Fri 7/28/23	Thu 8/17/23		Testing & Comissioning





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1.g. ARPA Progress Updates by PHASE

PHASE 1A: MEP Upgrades

Construction documents were reviewed & have been approved on February 28, 2023.

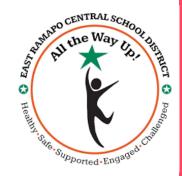
Trane is developing cost proposals including Base Bid and Alternate work for each of the 5 Schools. Trane has reached out to a total of 16 Mechanical contractors, many of which are unavailable due to market saturation.

However, it appears that Trane has secured a sub-Mechanical contractor to perform the work at Margetts starting Summer 2023 and extending into the fall. The remaining 4 Schools are currently projected to occur in Summer 2024.

Cost proposals for Margetts is expected to be received by the end of April 2023 and the remaining to occur by the end of May 2023. This will allow the district to encumber the work within the next 60 days.



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1.g. ARPA Progress Updates by PHASE

PHASE 1B: ADA Upgrades, Doors & Hardware Replacements, Window Replacements

Construction documents were submitted to NYSED on March 6, 2023.

Based on the previously released letter of commitment, C&M Door is proceeding in the development of their cost proposal to include Doors and Hardware replacements at 5 Schools and Window replacement at 3 Schools. The Cost proposal is expected to be received by the end of April 2023. Anticipated work start date is expected to start in Fall - Winter 2023 and extend into the Spring of 2024.

ADA work will be multi-Prime contract work and will be BID once NYSED approval is received.

PHASE 2: MEP Upgrades

Construction documents are scheduled to be submitted to NYSED on April 14, 2023.

Trane will be issued the final contract documents on April 14, 2023 after they are submitted to NYSED and they will subsequently begin reaching out to their respective Sub-Contractors in an effort to secure work commitments.



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1.g. ARPA Progress Updates by PHASE

PHASE 3A: Flooring Abatement & Replacements

Construction documents were submitted to NYSED on April 7, 2023.

Based on the previously released letter of commitment, Renu/Milburn is proceeding in the development of their cost proposal to include Flooring Abatement & Replacements at 6 Schools. The Cost proposal is expected to be received by the end of April 2023. The work is anticipated to be completed in Summer 2023.

PHASE 3B: Doors & Hardware Replacements

Construction documents are scheduled to be submitted to NYSED on May 1, 2023.

Based on the previously released letter of commitment, Sun Rise Door is proceeding in the development of their cost proposal to include Doors & Hardware replacements at 8 Schools. The Cost proposal is expected to be received by the end of June 2023. Anticipated work start date is expected in Spring 2024 and extend into the Fall of 2024.

PHASE 3C: ADA Upgrades

Construction documents are scheduled to be submitted to NYSED on May 12, 2023. ADA work will be multi-Prime contract work and will be BID once NYSED approval is received.

PHASE 3D: Window Replacements

Construction documents are scheduled to be submitted to NYSED on May 26, 2023.. This scope of work will be evaluated in the next 60 – 90 days with the district to determine the extent of the work that will be pursued.





End of Presentation





Challenging today. Reinventing tomorrow.

