









School Building Infrastructure & Project Management Stewardship Report

Prepared By: Frank Fanelli, Director of Project Management

STRATEGIC PLAN: SY 2020-2024



Core Values

We believe...

- 1 Equitable opportunities create the foundation necessary for every child to succeed
- 2 A culture
 of continuous
 improvement will
 ensure that all
 staff are learners
 and reflective
 practitioners
- **3** High expectations and standards are necessary to prepare students for college and career
- 4 Collaboration and partnerships with families and the New Haven community will enhance learning and achievement



Mission

To provide all students in New Haven Public Schools with personalized, authentic, and engaging learning experiences through creativity, exploration, innovation, critical thinking, problem-solving, and high quality instruction. To foster a culture of continuous improvement through collaborative partnerships with staff, families, and the New Haven community. To support students' growth and development by utilizing the Whole Child Framework.

Our vision is to be a premier urban school district that ensures access to equitable opportunities and successful outcomes for all students as they prepare for college, career, and life.

Priority Areas for 2020-2024

- **1** Academic Learning
 - Youth & Family Engagement
- **6** Operational Efficiencies

- Culture & Climate
- 4 Talented Educators

WWW.NHPS.NET

Contents



- 1. School Life Safety & Security Systems
 - a. Fire Alarm System Replacement
 - b. Fire Sprinkler Systems
 - c. Door Systems Repairs & Replacements
 - d. Electronic Access Control Systems
 - e. Video Camera Systems
 - f. Clock, Bell, & PA System
- 2. Facilities Master Plan Study
- 3. Energy Management & Sustainability
 - a. Building Management System Repairs & Upgrades
 - b. CO2 Sensor Upgrades & Replacement
 - c. Domestic Hot Water Boiler Replacements
 - d. Heating Boiler System Replacements & Upgrades
 - e. Building HVAC System Repairs & Replace

- 4. School Infrastructure Projects Planned & In Progress
 - a. Hillhouse Roofing Repairs
 - b. Cross V-Wing Flooding
 - c. Bottle Filling Stations
 - d. Water Distribution Booster Pumps Replacement
 - e. Sidewalks & Parking Lots
 - f. Swimming Pool Repairs
 - g. Playgrounds Repairs
 - 5. Adult Education 88 Basset Street Construction
 - 6. Cross Field Renovations
 - 7. Manufacturing Pathway Renovations



School Life Safety & Security Systems



School Name / Program / Building:		District Schools	
Project Name :		Fire Panel Replacement	
Project Assigned to:			Facilities
In Progress Delayed Stopped Completed On Going Material on Order Awaiting Contract Awaiting Approval	• •	Waiting on Others oproval from Corporation Council &O / BOE / BOA	
Task	School	Status	Comments
Panel obsolete, opposed upgrade to Edward EST4	Hillhouse		Partnered with IES to design a new System
Panel obsolete, opposed upgrade to Edward EST4	Davis Street		Partnered with IES to design a new System
Panel obsolete, opposed upgrade to Edward EST4	Lincoln Basset		Partnered with IES to design a new System
Panel obsolete, opposed upgrade to Edward EST4	Edgewood		Partnered with IES to design a new System
Panel obsolete, opposed upgrade to Edward EST4	Hooker Middle		Partnered with IES to design a new System
Panel obsolete, opposed upgrade to Edward EST4	King Robinson		Partnered with IES to design a new System
Fire Panel is down	Cross		 Facilities has a proposal for a panel replacement working through the emergency PO Process



School Name / Program / Building:		District Schools	
Project Name :		Door Repairs / Replacement	
Project Assigned to	:	Facilities, Carpenter, Locksmith, Cohen Keys LLC., Builders Hardware	
In Progress	On Going	Waiting on Others	
Delayed	Material on Order	Material on Order	
Stopped	Awaiting Contract Appro	Awaiting Contract Approval from Corporation Council	
Completed	Awaiting Approval F&O	Awaiting Approval F&O / BOE / BOA	

Task	School	Status	Comments
District Inspection and Identification of Damaged Doors in Need of repair or replacement.	All Schools		Development of Door Inspection Checklists for Custodial Engineers to identify doors in need of repair.
Assessment of exterior doors	Hillhouse & HSC		 Director of PM met with Builders Hardware to determine doors that need immanent replacement Received quote to replace damaged doors Bid document need to be created
Waiting on 1 door to be delivered	King Robinson		Finally installed
Exterior Gym Doors and 1 interior	Clinton Ave		Builders Hardware ordered and schedule for install on around June 1, 2023



Scho	ool Name / Program /	Building:	District Schools	
Proje	ect Name :		Clock Bell & PA Systems Repairs / Replacement	
Proje	ect Assigned to:		Facilities & Security	
	In Progress Delayed	On Going Material on Order	Waiting on Others	
	Stopped	Awaiting Contract Appr	roval from Corporation Council	
	Completed	Awaiting Approval F&O	Awaiting Approval F&O / BOE / BOA	

Task	Status	Comments
Full replacement for Hillhouse, Cross & Metro		Quote was receivedPO request is going to F&O Monday May 15
Next round of Schools are being determined for July 2023		IES is working on design



School	Name / Pr	ogram / Building :	District	
Project	t Name :		Electronic Access Control	
Project	t Assigned	to:	IT, Security & Facilities	
	In Progress Delayed	On Going Material on Order	Waiting on Others	
	Stopped Completed	• • • • • • • • • • • • • • • • • • • •	Awaiting Contract Approval from Corporation Council Awaiting Approval F&O / BOE / BOA	

Task	Status	Comments
New Haven Academy • 70 Card door readers and associated hardware		 School Security Grant Enhancements Phase 5 PO issued, waiting on parts (parts backordered) Director of PM needs to have a planning meeting with IT
Mayo • 79 Card door readers and associated hardware		 School Security Grant Enhancements Phase 5 PO issued, waiting on parts (parts backordered) Director of PM needs to have a planning meeting with IT
 ESUMS Replacing cameras, card readers and other related equipment 		 Waiting on PO to be issued Director of PM needs to have a planning meeting with IT
 Edgewood Replacing cameras, card readers and other related equipment 		 PO issued Feb. 21, 23 Director of PM needs to have a planning meeting with IT



School Name / Pro	ogram / Building :	NHPS District
Project Name:		Long Term Facilities Plan
Project Assigned t	o:	COO Office
In Progress Delayed Stopped Completed	On Going Material on Order Awaiting Contract Appro	Waiting on Others oval from Corporation Council / BOE / BOA

Task	Status	Comments
School Building capacity surveys requested from Principals		All have been completed and received by Svigals
MEP Condition Assessments		 Building assessments have been completed in coordination with Facilities Staff and data collected for inclusion in the Facilities Master Plan.
Development of Recommendations		 Final documents being drafted for review with Dr. Tracy and Matt Willcox Thur. May 11



State of Connecticut School Construction Projects



School Name /	Program / Building:	School Construction Program
Project Name:		State Construction Project Audits
Project Assigne	d to:	COO Office
In Progress Delayed Stopped Completed	Material on Order Awaiting Contract Appr	Waiting on Others roval from Corporation Council / BOE / BOA

Task	Status	Comments
Projects next for State Audit		 Roberto Clemente Hill Central Bowen Field Not scheduled with the State yet. No New Information from the State of CT Meeting held with new Director of School Construction at the state to review open audits. Scheduling of Audits no longer is done by the office of School construction. They are completed by DAS.



Energy Management & Sustainability



School Name / Program / Building:	District Wide	
Project Name :	Future LED Lighting Program	
Project Assigned to:	Facilities	
In Progress Delayed Stopped Completed On Going Material on Order Awaiting Contract A Awaiting Approval F	Waiting on Others Out for RFQ/RFI/RFP/Bid approval from Corporation Council S&O / BOE / BOA	
Task	Status Comments	
Davis Street	 Director of PM walked locations and requested quotes from Tri- state for LED upgrade Need to partner with IES on design 	
Martinez	 Director of PM walked locations and requested quotes from Tri- state for LED upgrade Need to partner with IES on design 	
Cross	 Director of PM walked locations and requested quotes from Tristate for LED upgrade Need to partner with IES on design 	
Hillhouse	 Director of PM walked locations and requested quotes from Tristate for LED upgrade Need to partner with IES on design 	



School Name / Program / Building:	District Wide		
Project Name :	Currant LED Lighting Program		
Project Assigned to:	Facilities Team		
In Progress Delayed Stopped Completed On Going Material on Order Awaiting Contract A	Waiting on Others Out for RFQ/RFI/RFP/Bid Approval from Corporation Council E&O / BOE / BOA		
Task	Status Comments		
Clinton Ave School LED Retrofit	 N Power has completed all classrooms, hallways, stairways and Café Working on completing exterior, lobbies and Gym 		
Troup School LED Retrofit	Bid Awarded to N Power, Work is starting last week of May 2023		
Metro Business Academy LED Retrofit	 N Power has completed all classrooms, hallways, stairways and Café Working on completing exterior, lobbies, gym and lecture hall, 		
Career High School LED Retrofit	 Completed all stairwells Rest of school already had LED 		



School Name / Pro	gram / Building :	All Schools		
Project Name :		Building Management System Upgrades to Honeywell Tridium		
Project Assigned to):	Facilities Team, COO Office		
In Progress	On Going	Waiting on Others		
Delayed	Material on Order	Out for RFQ/RFI/RFP/Bid		
Stopped	Awaiting Contract Appro	roval from Corporation Council		
Completed	Awaiting Approval F&O	Awaiting Approval F&O / BOE / BOA		

Task	Status	Comments
Mauro Sheridan		 EBI Servers need to be upgraded to Tridium, RFP to be written work needs to go out to Bid RFP to be written by Facilities Director and Facilities HVAC Manager
Fair Haven		 EBI Servers need to be upgraded to Tridium, RFP to be written work needs to go out to Bid RFP to be written by Facilities Director and Facilities HVAC Manager
Jepson		 EBI Servers need to be upgraded to Tridium, RFP to be written work needs to go out to Bid RFP to be written by Facilities Director and Facilities HVAC Manager
Kathrin Brennan		 EBI Servers need to be upgraded to Tridium, RFP to be written work needs to go out to Bid RFP to be written by Facilities Director and Facilities HVAC Manager



School	Name / Pr	ogram / Building :	District
Project	t Name :		Domestic Hot Water Boilers
Project	t Assigned	to:	Facilities Team, COO Office
	In Progress	On Going	Waiting on Others
	Delayed	Material on Order	Out for RFQ/RFI/RFP/Bid
	Stopped Completed	Awaiting Contract Appl Awaiting Approval F&C	oroval from Corporation Council O / BOE / BOA

School	Status	Comments
Mauro Sheridan		 In design phase, Hamilton Rep working on quote Preparing Bid Documents
Clinton Ave, Davis St, Edgewood		 Tank is actively leaking, past life expectancy. Routolo recommends immediate replacement Director of PM to partner with IES to design and spec electric on demand and illuminate all tanks
Fair Haven		 Tank is actively leaking, Routolo Plumbing (State Contractor) assessed the condition waiting quote. Director of PM to partner with IES to design and spec electric on demand and illuminate all tanks
Conte, FAME & Jepson		 Need immediate replace, based on leaks damaging other components Director of PM to partner with IES to design and spec electric on demand and illuminate all tanks

Ross Woodward

Lincoln Basset

Clarence Rogers

Daniels

Project Planning & Status Worksheet



School Name / Progr	am / Building :		All Schools	
Project Name :		Heati	ing Boiler Replacements & Upgrades	
Project Assigned to:			Facilities Team, COO Office	
In Progress Delayed Stopped Completed On Going Material on Order Awaiting Contract Appro		Waiting on Others Out for RFQ/RFI/RFP/Bid oval from Corporation Council / BOE / BOA		
	Task	Status	Comments	
Hillhouse			 Contract has been Awarded Pro Mech Pro Mech received PO May 2, 2023 Boilers are due in 6 weeks (3rd week of June) 	
Wilber Cross			 Director of PM has been having progress meeting with Jeff from Southport 30% work has been completed Tentative completion date is June 30, 2023 	
Nathen Hale			RFP needs to be writtenDirector of PM needs to partner with IES on design	

RFP needs to be written

Director of PM needs to partner with IES on design

Director of PM needs to partner with IES on design

Director of PM needs to partner with IES on design

Director of PM needs to partner with IES on design



School	Name / Pr	ogram	/ Building :		District
Project	Name:				Building HVAC System Repair & Replace
Project	Assigned	to:			Facilities Team, COO Office
	In Progress		On Going		Waiting on Others
	Delayed		Material on Order		Out for RFQ/RFI/RFP/Bid
	Stopped		Awaiting Contract Approval from Corporation Council		poration Council
	Completed		Awaiting Approval F&O / BOE / BOA		

Task	Status	Comments
BeecherChiller FailureChiller Replacement Required		 Bid is live for Temporary Chillers is live Closing next week
HillhouseChiller replacementWater Tower Replacement		 Miner repairs were completed Chilled water pumps are currently being replaced Strainer need to be replaced wait work quote from Tucker
Cross Chiller Replacement Water Tower Replacement		 Contract was awarded BOE approved May 8, 2023 PO will be awarded this month
Clinton AveChiller ReplacementWater Tower Replacement		 Can be repaired 7-12 days to receive compressors 3 weeks could be functioning



School Infrastructure Project Planning



Schoo	Name / Pr	rogram / Building:	District	
Projec	t Name :		Roof Replacements	
Projec	t Assigned	to:	Facilities Team, COO Office	
	In Progress	On Going	Waiting on Others	
	Delayed	Material on Order	Out for RFQ/RFI/RFP/Bid	
	Stopped	Awaiting Contract Ap	pproval from Corporation Council	
	Completed	Awaiting Approval F8	Awaiting Approval F&O / BOE / BOA	

Task	Status	Comments
ConteMain office roof replacement		RFP was approved by F&O and BOEWaiting for final sign offs
HillhouseAuditorium roof (only) replacement		RFP was approved by F&O and BOEWaiting for final sign offs
Total roof replacement		Quote was done by Eagle RoofingWorking on funding source.



School Name / Pr	ogram / Building :	District	
Project Name :		Adult Ed	
Project Assigned	to:	Facilities Team, COO Office	
In Progress	On Going	Waiting on Others	
Delayed	Material on Order	Out for RFQ/RFI/RFP/Bid	
Stopped	Awaiting Contract Appr	oval from Corporation Council	
Completed	Awaiting Approval F&O	Awaiting Approval F&O / BOE / BOA	

Task	Status	Comments
New Adult Ed location determined		188 Bassett St New Haven
Adult Ed		 Waiting on Grant money to be Awarded before writing RFP for Architect.



School Name / Program / Building:					Wooster Place	
Project Name :			Department Head offices			
Project Assigned to:			Facilities Team, COO Office			
	In Progress	0	n Going			Waiting on Others
Delayed Material on Order		Out for RFQ/RFI/RFP/Bid				
Stopped Awaiting Contract Appro			val from	Corporation Co	Council	
	Completed	A	waiting Approval F&O /	BOE / BO	DA .	

Task	Status	Comments
Abetment		Work completed by Yankee construction
Architectural drawings and design		 Work completed by Svigals Architectural Services
Interior construction		 Scope is completed, RFP is currant being written going out to Bid end of May
Summer Prep Space moved to West Rock		 Outside movers cleared gym, and 3 hallwalls of damaged furniture Facilities maintenance clean area thoroughly
Summer Prep Space moved to West Rock		 Director of PM to walk building May 15 with Assistant Superintendent and Reading Department Heads

Mauro Sheridan



School Name /	Program	/ Building :	District	
Project Name :			Water Distribution Booster Pumps	
Project Assigned to:			Facilities	
In Progress Delayed Material on Order Stopped Completed Maiting Contract from Completed Awaiting Approval F&O /		Material on Order Awaiting Contract from	•	
Task	Status	Comments		
Work is currently be		Work is currently be	to Ruotolo Mechanical peing preformed calibrated by the end of April	

• Bid was Awarded to Ruotolo Mechanical

• To be finished and calibrated by the end of April

· Work is currently being preformed



School Name / Program / Building:		District
Project Name :		Sidewalks & Parking Lots
Project Assigned to	:	Facilities
In Progress Delayed	On Going Material on Order	Waiting on Others
Stopped Completed	Awaiting Contract Appro Awaiting Approval F&O	oval from Corporation Council / BOE / BOA

Task	Status	Comments
 Hillhouse Repair damaged parking lot in rear of building by generator 		•Work was completed between April 10-14
 Started evaluation to address all school parking lot and sidewalk issues Lincoln Bassett 		Currently school sidewalk is being replaced
LITCOIT DASSELL		- Currently school sidewalk is being replaced



School Name /	Program / Building:	District
Project Name :		Swimming Pool Maintenance & Repairs
Project Assigne	ed to:	Facilities
In Progres Delayed Stopped Complete	Material on Order Awaiting Contract from	·

Task	Status	Comments
Career School		Working with IES to design new Dehumidification
 Conte School Pool was inspected by engineering firm for cracks in foundation. Pool leaking into mechanical space under pool. Pool liner recommended Filter sand media needs to be replaced 		Need to go back out to bid
Cross		 Temporarily closed due to ceiling tiles and ceiling grid damage Roof was evaluated for total replacement Working with IES on Designs



School Name / Pro	ogram / Building :	District	
Project Name :		Swimming Pool Maintenance & Repairs	
Project Assigned t	o:	Facilities	
In Progress Delayed Stopped Completed	On Going Material on Order Awaiting Contract from Awaiting Approval F&O	·	

Task	Status	Comments
 Hillhouse Multiple upgrades needed to keep pool open Main Drain, Controller replacement, Chemical Feed System, Tile repair, Balancing 		• Finished
Dehumidification Replacement		 Contract Awarded to Pro-Mech. Inc Director of PM met with Jay for a preconstruction meeting May 9. Was advised that roof top unit is a 30 week lead time Looking to install around the last week of Nov 2023 Tentative pool open date is January 2024 Outside moving company will be there in the next couple weeks to clean out the pool area.



School Name / Prog	ram / Building :	District
Project Name :		Playgrounds Inspection Maintenance & Repair
Project Assigned to	:	Facilities
In Progress Delayed Stopped Completed	On Going Material on Order Awaiting Contract Appro	Waiting on Others oval from Corporation Council / BOE / BOA

School	Status	Task / Comments
EdgewoodEntire playground upgrade/redesignProblems with, tree root, Flooding and drainage		 Frank Fanelli working with O'Brians & Sons on Design RFP to be written Funding approved ESSER Funds
Annual Playground inspection to be scheduled for summer		Inspection to be scheduled for Spring 2023
Truman/Head Start		 Awarded to O'Brian & Son Design was approved by Frank Fanelli Install will start May 16, 2023
Fair Haven/Head Start		 Awarded to O'Brian & Son Design was approved by Frank Fanelli Install planned for June 2023
Lincoln-Bassett/Head Start		• Finished



School Name / Prog	gram / Building :	District
Project Name :		FLAC
Project Assigned to	:	Facilities
In Progress Delayed Stopped Completed	On Going Material on Order Awaiting Contract Appro	Waiting on Others oval from Corporation Council / BOE / BOA

School	Status	Task / Comments
FLAC		Bleacher Need total replacement
		Bleacher are 22 years old and are in disrepair.
FLAC		 Interior Track need total replacement Track in 10 years old with no warranty Last replacement the track was installed over the original. Causing moisture buildup that is bubbling and making the surface unsafe Director of PM has worked with many contractors and engineers to obtain quote for replacement
FLAC		 Long hall between FLAC and Hillhouse is bubbling up Per multiple reps the material used was not appropriately installed to withstand the roughness from the spicks on cleats. Director of PM has worked with many companies to find a highly resistant wearable replacement. All quotes include install, demo & disposing of old product along with a 10 year warranty
FLAC Roof		 Roof is original to when the building was built. Roof is in need of total replacement Eagle Rivet (on Call Vendor) evaluated the roof as unfixable and advised total replacement.



School Name / Prog	gram / Building :	District
Project Name:		Sanitary Napkin Dispensers
Project Assigned to	:	Facilities
In Progress Delayed Stopped Completed	On Going Material on Order Awaiting Contract Appro	Waiting on Others roval from Corporation Council / BOE / BOA

School	Status	Task / Comments
Install district wide		 Per The State of CT unfunded mandate (passed in legislation this year) Sanitary Napkin Dispensers must be installed in every female restroom through out the district, along with 1 male restroom in every building. Director of PM to write RFP



School Name / Program	/ Building :	District
Project Name :		School Based Clinics
Project Assigned to:		Facilities
In Progress Delayed Stopped Completed	On Going Material on Order Awaiting Contract Appro Awaiting Approval F&O	Waiting on Others oval from Corporation Council / BOE / BOA

School	Status	Task / Comments
MetroAdd new SBHC to location		 Requested Svigals to start deign Director of PM along with Svigals Architects will be meeting with Sue Petters & Paula Sutton May 16 to discuss details of the install
Ross Woodward		 Requested Svigals to start deign Director of PM along with Svigals Architects will be meeting with Sue Petters & Paula Sutton May 16 to discuss details of the install



School Name / Pr	ogram / Building :	District	
Project Name :		Science Labs	
Project Assigned	to:	Facilities	
In Progress Delayed Stopped	On Going Material on Order Awaiting Contract Appro	Waiting on Others oval from Corporation Council	
Completed	• , ,	Awaiting Approval F&O / BOE / BOA	

School	Status	Task / Comments
Hillhouse		 Director of PM met with Bob McCain, Keisha Hannans, and Svigals Architect to start Planning the design. Phase one each school will have 1 lab full remodeled and upgraded. Phase 2 all labs in the school will be full remodeled and upgraded
Cross		 Director of PM met with Bob McCain, Keisha Hannans, and Svigals Architect to start Planning the design. Phase one each school will have 1 lab full remodeled and upgraded. Phase 2 all labs in the school will be full remodeled and upgraded
Sound		 Director of PM met with Bob McCain, Keisha Hannans, and Svigals Architect to start Planning the design. Phase one each school will have 1 lab full remodeled and upgraded. Phase 2 all labs in the school will be full remodeled and upgraded