



School Building Infrastructure & Project Management Stewardship Report

Prepared By:
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Frank Fanelli, Director of Project Management

1-12-2023

STRATEGIC PLAN : SY 2020-2024



NEW HAVEN PUBLIC SCHOOLS

Core Values

We believe...

1 Equitable opportunities create the foundation necessary for every child to succeed

3 High expectations and standards are necessary to prepare students for college and career

2 A culture of continuous improvement will ensure that all staff are learners and reflective practitioners

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.

Vision

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**
- 3 Youth & Family Engagement**
- 5 Operational Efficiencies**

- 2 Culture & Climate**
- 4 Talented Educators**

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

Replacement Priority - Defined

- 1 Panel Obsolete; no longer supported by Mfg - replace immediately
- 2 Ongoing Issues; More cost effective to Repalce (within 1-2 years)
- 3 Replace within 2-3 years
- 4 Replace within 3-6 years

Location	Replacement Priority	Panel	Proposed Upgrade	Upgrade Price	Upgrade Status
Hillhouse High School	1	Notifier AFP-1010	Edwards EST4	\$ 345,700	Quoted, waiting for approval
Davis Street Magnet School	1	Notifier NFS2-640	Edwards EST4	\$ 227,400	Quoted, waiting for approval
Lincoln Bassett School	1	Notifier AFP-400	Edwards EST4	\$ 219,000	Quoted, waiting for approval
Edgewood Magnet School	1	Notifier AFP-400	Edwards EST4	\$ 98,700	Quoted, waiting for approval
W. Hooker Middle School	1	Edwards EST2	Edwards EST4	\$ 38,700	Approved, in progress - needs 1 return trip to complete
King/Robinson Magnet School	1	Edwards EST2	Edwards EST4	\$ 35,700	Quoted, waiting for approval
Ross/Woodward School	1	Edwards EST2	Edwards EST4	\$ 29,700	Quoted, waiting for approval
Brennan School	1	Edwards EST2	Edwards EST4	\$ 23,300	Approved, in progress - waiting on back ordered parts from Edwards
Parish Hall/Betsy Ross	1	Notifier Annunciator	Edwards iO64	\$ 19,400	Betsy Ross panel is current, Parish Hall is quoted waiting for approval
Facilities & Maintenance Offices/Old Montessori School	1	Simplex 4002	Firelite Conventional	\$ 11,690	Quoted, waiting for approval
Dixwell New Light High School	1	Simplex 4001	Firelite Conventional	\$ 9,159	Quoted, waiting for approval
Adult and Continuing Education	1	Auto Call MDK2	Firelite Conventional	\$ 9,103	Quoted, waiting for approval
The Shack/WRAA	1	Fire-Lite Miniscan 4024	Firelite Conventional	\$ 8,330	Quoted, waiting for approval - may move building to City of NH
Sound School	1	Emerson - SK IFP-50	Edwards iO64	\$ 7,800	McNeil - approved, completed
Aquaculture Center	1	Edwards EST2	Edwards iO64	\$ 7,800	Approved, completed
Quinnipiac School	4	Gamewell IF610		\$ 1,033	
Conte West Hills Magnet School	1	Simplex 4100ES	N/A		Remove from quote list, project too large/complex
Coop Arts & Humanities High Sc	1	Notifier	N/A		Panel is current - investigate service costs further.
Metropolitan Business Academy	1	Notifier	N/A		Panel is current - investigate service costs further
Hill Regional Career High School	2	Edwards EST3			
Celentano Museum Academy	2	Edwards EST3			
East Rock Magnet School	2	Edwards EST3			
Nathan Hale School	2	Notifier DR-C4			
Wexler/Grant School	2	Notifier AFP-400			
Beecher School	3	Notifier NFS-3030D			
Bishop Woods School	3	Edwards EST3			
Wilbur Cross High School	3	Notifier AFP-1010			
Barnard Magnet School	3	Edwards EST3			
Betsy Ross Arts Magnet School	3	Notifier NFS-320			
Troup School	3	Simplex 4100U			
W.Hooker Elementary School	3	Notifier NFS-3030D			
Central Kitchen	3	Notifier BFS-640			
Jepson Magnet School	3	Simplex 4100U			
Clemente Leadership Academy	3	Simplex 4100U			
Mauro Sheridan Magnet School	3	Edwards EST3			
Clinton Ave School	3	Notifier NFS-303			
John S. Martinez Magnet School	3	Notifier NFS-3030			

Replacement Priority - Defined










- 1** Panel Obsolete; no longer supported by Mfg - replace immediately
- 2** Ongoing Issues; More cost effective to Repalce (within 1-2 years)
- 3** Replace within 2-3 years
- 4** Replace within 3-6 years



Location	Replacement Priority	Panel	Proposed Upgrade	Upgrade Price	Upgrade Status
John C. Daniels Magnet School	3	Edwards EST3			
New Haven Academy	3	Notifier NFS-3030			
Dr. Reginald Mayo Early Learning Center	3	Notifier NFS-33D			
C. Rogers School	3	Silent Knight IFP-100			
Strong School @ Mauro	3	Silent Knight SK-5208			Building is unoccupied and has an uncertain future
Barack Obama School	3	Notifier NFS-3030			Building is unoccupied and has an uncertain future
West Rock Authors Academy	4	Notifier AFP-400			
Fair Haven Middle School	4	Edwards EST3			
Engineering & Science University Magnet School	4	Notifier NFS2-3030			
Truman School/Truman Head Start Program	4	Notifier NFS-3030D			
High School in the Community	4	Silent Knight 5208			
Columbus Family Academy	4	Simplex 4100U			
Riverside Education Academy/Do	4	Silent Knight SK-5208			
Hill Central Music Academy - NFS	4	Simplex 4100ES			
Floyd Little Fieldhouse		Notifier			
Elm City Montessori School		Firelite			

Project Planning & Status Worksheet 1 of 2



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	
 Stopped	 Awaiting Contract Approval from Corporation Council	
 Completed	 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		<ul style="list-style-type: none"> Development of Door Inspection Checklists for Custodial Engineers to identify doors in need of repair.
Survey of all interior doors in the district. Approximately 2,500 doors	All Schools		<ul style="list-style-type: none"> Security is conducting a school by school assessment of interior doors.

Project Planning & Status Worksheet 2 of 2



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	
 Stopped	 Awaiting Contract Approval from Corporation Council	
 Completed	 Awaiting Approval F&O / BOE / BOA	










Task	School	Status	Comments
Replace Side Entry Doors (6)	Kathrine Brennon	\$21,655.80	
Replace Main Entryway Doors (6)	Bishop Woods	\$27,742.00	
Replace Gym Doors (6)	Bishop Woods	\$18,392.00	
Replace Loading Doc Doors (2)	Roberto Clemente	\$7,796.60	
Replace Entry Doors (2)	King Robinson	\$12,558.00	Stock will be in 1-23
Loading dock door	Clinton Ave		stock Delay


Project Planning & Status Worksheet



NEW HAVEN PUBLIC SCHOOLS

School Name / Program / Building :	District Schools
Project Name :	Clock Bell & PA Systems Repairs / Replacement
Project Assigned to :	Facilities & Security

 In Progress	 On Going	 Waiting on Others
 Delayed	 Material on Order	
 Stopped	 Awaiting Contract Approval from Corporation Council	
 Completed	 Awaiting Approval F&O / BOE / BOA	






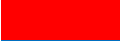



Task	Status	Comments
Basset <ul style="list-style-type: none"> • Replace Bell & clock System--\$62,641.00 • Being done under State Contract 		75% of the school is completed



Project Planning & Status Worksheet



NEW HAVEN PUBLIC SCHOOLS

School Name / Program / Building :	District
Project Name :	Electronic Access Control
Project Assigned to :	IT, Security & Facilities

 In Progress	 On Going	 Waiting on Others
 Delayed	 Material on Order	
 Stopped	 Awaiting Contract Approval from Corporation Council	
 Completed	 Awaiting Approval F&O / BOE / BOA	






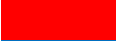



Task	Status	Comments
New Haven Academy • 70 Card door readers and associated hardware		<ul style="list-style-type: none"> School Security Grant Enhancements Phase 5 Per Bill Zesner ((before he went on leave); we are still working through supply chain and count issues
Mayo • 79 Card door readers and associated hardware		<ul style="list-style-type: none"> Per (before he went on leave) Bill Zesner; we are still working through supply chain and count issues


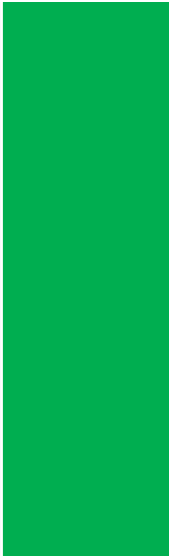
Project Planning & Status Worksheet 1 of 2



NEW HAVEN PUBLIC SCHOOLS

School Name / Program / Building :	NHPS District
Project Name :	Long Term Facilities Plan
Project Assigned to :	COO Office

	In Progress		On Going		Waiting on Others
	Delayed		Material on Order		
	Stopped		Awaiting Contract Approval from Corporation Council		
	Completed		Awaiting Approval F&O / BOE / BOA		






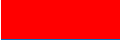



Task	Status	Comments
School Building capacity surveys requested from Principals		<ul style="list-style-type: none"> Collection and review is in process Difficulty gathering information from Principals
MEP Condition Assessments		<ul style="list-style-type: none"> Creating existing conditions database based on the 11 designated schools/buildings and the surveys to be completed by the specialists on your facilities staff and appropriate vendors (Dave Turner for BMS and EMCOR for examples). Site visits on 4/19 and 4/21 with OLA engineers and facilities staff and your consultants occurred. The Facilities Team is working on the existing conditions survey for the 3 schools from this report and the remainder from the completed surveys The facilities staff and consultants will complete the surveys for the remaining schools for submission to the design team. The design team will use the information provided by the facilities staff and consultants in the surveys for the MEP conditions report. OLA will visit 5 more facilities for their own survey consistent with our original proposal scope. Frank and COO meeting with Architect for update next Tuesday Jan 17


Project Planning & Status Worksheet 2 of 2



NEW HAVEN PUBLIC SCHOOLS

School Name / Program / Building :	NHPS District
Project Name :	Long Term Facilities Plan
Project Assigned to :	COO Office, Facilities

 In Progress	 On Going	 Waiting on Others
 Delayed	 Material on Order	
 Stopped	 Awaiting Contract Approval from Corporation Council	
 Completed	 Awaiting Approval F&O / BOE / BOA	

Task	Status	Comments
Technology & Security		<ul style="list-style-type: none"> All requested information was provide to plan development team.








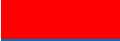



State of Connecticut School Construction Projects


Project Planning & Status Worksheet



NEW HAVEN PUBLIC SCHOOLS

School Name / Program / Building :	School Construction Program
Project Name :	State Construction Project Audits
Project Assigned to :	COO Office

 In Progress	 On Going	 Waiting on Others
 Delayed	 Material on Order	
 Stopped	 Awaiting Contract Approval from Corporation Council	
 Completed	 Awaiting Approval F&O / BOE / BOA	

Task	Status	Comments
Projects next for State Audit		<ol style="list-style-type: none"> Roberto Clemente Hill Central Bowen Field <p>No New Information from the State of CT</p>
Internal review of draft audit reports for Davis Street and East Rock Schools	Nov 2022	
Letters to State Office of School Construction	Dec 2022	<ul style="list-style-type: none"> Draft letters to be reviewed by the Superintendent
Reviewed Letters Sent to Office of School Construction	Jan 2022	
Waiting on Final Draft of audit reports from OSC	Jan 2022	<ul style="list-style-type: none"> Time line unknown



Energy Management & Sustainability

Project Planning & Status Worksheet



NEW HAVEN PUBLIC SCHOOLS

School Name / Program / Building :

District Wide

Project Name :

LED Lighting Program

Project Assigned to :

Facilities Team, COO Office



In Progress
Delayed
Stopped
Completed



On Going
Material on Order
Awaiting Contract Approval from Corporation Council
Awaiting Approval F&O / BOE / BOA



Waiting on Others
Out for RFQ/RFI/RFP/Bid











Task	Status	Comments
Clinton Ave School LED Retrofit	In Progress	• Bid Awarded to N Power, on F&O for Tues Jan. 17, 2023
Troup School LED Retrofit	In Progress	• Bid Awarded to N Power, on F&O for Tues Jan. 17, 2023
Metro Business Academy LED Retrofit	In Progress	• Bid Awarded to N Power, on F&O for Tues Jan. 17, 2023
Career High School LED Retrofit	In Progress	• Bid Awarded to N Power, on F&O for Tues Jan. 17, 2023





Project Planning & Status Worksheet



NEW HAVEN PUBLIC SCHOOLS

School Name / Program / Building :	Sound School, Foote Building
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 Approval from Corporation Council		
	Completed		Awaiting Approval F&O / BOE / BOA		











Task	Status	Comments
Facilities Team Evaluating for future Locations		18 schools remaining for upgrade
BOA Review		Remaining work is over \$100k will need to go to BOA
Fair Haven		<ul style="list-style-type: none"> In Process
Kathrin Brennan		<ul style="list-style-type: none"> In Process







Project Planning & Status Worksheet 2 of 2



NEW HAVEN PUBLIC SCHOOLS

School Name / Program / 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 Approval from Corporation Council		
	Completed		Awaiting Approval F&O / BOE / BOA		

Task	Status	Comments
Mauro Sheridan		<ul style="list-style-type: none"> EBI Servers need to be upgraded to Tridium RFP in development
Hillhouse		<ul style="list-style-type: none"> EBI Servers need to be upgraded to Tridium RFP in development
Wilbur Cross		<ul style="list-style-type: none"> EBI Servers need to be upgraded to Tridium RFP in development
Beecher		<ul style="list-style-type: none"> EBI Servers need to be upgraded to Tridium RFP in development
Sound		<ul style="list-style-type: none"> EBI Servers need to be upgraded to Tridium RFP in development
Jepson		<ul style="list-style-type: none"> EBI Servers need to be upgraded to Tridium RFP in development







Project Planning & Status Worksheet



NEW HAVEN PUBLIC SCHOOLS

School Name / Program / Building :	All Schools
Project Name :	CO Sensor Upgrade/ 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			
	Completed		Awaiting Approval F&O / BOE / BOA			











Task	Status	Comments
Facilities Evaluating Other Sights		
Co-Op		
Mauro Sheridan		
King Robinson		
Betsy Ross		
Jepson		

Project Planning & Status Worksheet



NEW HAVEN PUBLIC SCHOOLS

School Name / Program / Building :	District
Project Name :	Domestic Hot Water Boilers
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		
	Completed		Awaiting Approval F&O / BOE / BOA		











School	Status	Comments
Lincoln Basset School		
Bishop Woods		
Mauro Sheridan		<ul style="list-style-type: none"> In design phase Preparing Bid Documents
Coop		








Project Planning & Status Worksheet



NEW HAVEN PUBLIC SCHOOLS

School Name / Program / Building :	Sound School, Foote Building
Project Name :	Heating Boiler Replacements & Upgrades
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		
	Completed		Awaiting Approval F&O / BOE / BOA		











Task	Status	Comments
Hillhouse		<ul style="list-style-type: none"> Contract has been Awarded, pending approval Waiting on PO to start Design
Wilber Cross		<ul style="list-style-type: none"> Contract has been Awarded, pending approval Waiting on PO to start Design
Nathen Hale		<ul style="list-style-type: none"> Contract has been Awarded, pending approval Waiting on PO to start Design
Ross Woodward		<ul style="list-style-type: none"> Contract has been Awarded, pending approval Waiting on PO to start Design
Lincoln Basset		<ul style="list-style-type: none"> Contract has been Awarded, pending approval Waiting on PO to start Design
Clarence Rogers		<ul style="list-style-type: none"> Contract has been Awarded, pending approval Waiting on PO to start Design
Daniels		<ul style="list-style-type: none"> Contract has been Awarded, pending approval Waiting on PO to start Design

Project Planning & Status Worksheet



NEW HAVEN PUBLIC SCHOOLS

School Name / Program / 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		
	Completed		Awaiting Approval F&O / BOE / BOA		

Task	Status	Comments
Beecher <ul style="list-style-type: none"> Chiller Failure Chiller Replacement Required 	Capital Funding	Tucker Mechanical who is our HVAC provider is providing specifications for replacement.
Hillhouse <ul style="list-style-type: none"> Chiller replacement Water Tower Replacement 	Planned Work	<ul style="list-style-type: none"> Waiting on Purchasing to approve RFP for on call Engineer
Cross <ul style="list-style-type: none"> Chiller Replacement Water Tower Replacement 	Planned Work	<ul style="list-style-type: none"> Waiting on Purchasing to approve RFP for on call Engineer
District HVAC systems conditions assessment. What systems are at end of life.	Planned Work	<ul style="list-style-type: none"> Waiting on Purchasing to approve RFP for on call Engineer



School Infrastructure Project






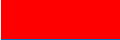



Planning

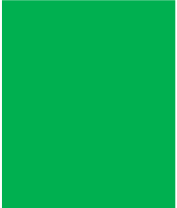
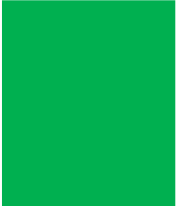
Project Planning & Status Worksheet



NEW HAVEN PUBLIC SCHOOLS

School Name / Program / Building :	District
Project Name :	Water Distribution Booster Pumps
Project Assigned to :	Facilities

 In Progress	 On Going	 Waiting on Others
 Delayed	 Material on Order	
 Stopped	 Awaiting Contract from Corporation Council	
 Completed	 Awaiting Approval F&O / BOE / BOA	






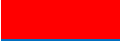



Task	Status	Comments
Daniels School		<ul style="list-style-type: none"> • Bid was Awarded • On F&O for Tuesday Jan. 17
Mauro Sheridan		<ul style="list-style-type: none"> • Bid was Awarded • On F&O for Tuesday Jan. 17

Project Planning & Status Worksheet



NEW HAVEN PUBLIC SCHOOLS

School Name / Program / Building :	District
Project Name :	Sidewalks & Parking Lots
Project Assigned to :	Facilities

 In Progress	 On Going	 Waiting on Others
 Delayed	 Material on Order	
 Stopped	 Awaiting Contract Approval from Corporation Council	
 Completed	 Awaiting Approval F&O / BOE / BOA	






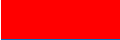



Task	Status	Comments
Hillhouse • Repair damaged parking lot in rear of building by generator	Planned/ Not Started	<ul style="list-style-type: none"> • Need to partner with city engineer • Waiting for a date to meet with Giovanni Zinn




Project Planning & Status Worksheet 1 of 2



NEW HAVEN PUBLIC SCHOOLS

School Name / Program / Building :	District
Project Name :	Swimming Pool Maintenance & Repairs
Project Assigned to :	Facilities

 In Progress	 On Going	 Waiting on Others
 Delayed	 Material on Order	
 Stopped	 Awaiting Contract from Corporation Council	
 Completed	 Awaiting Approval F&O / BOE / BOA	










Task	Status	Comments
Career School		<ul style="list-style-type: none"> Temporarily advised to close In need of commissioning Working with Poolpak
Conte School <ul style="list-style-type: none"> Pool was inspected by engineering firm for cracks in foundation. Found to be safe. Pool leaking into mechanical space under pool. Pool liner recommended Filter sand media needs to be replaced 		<ul style="list-style-type: none"> RFP awarded Start date is June 2023
Cross <ul style="list-style-type: none"> Replace Broken tiles 		Completed



Project Planning & Status Worksheet 2 of 2



NEW HAVEN PUBLIC SCHOOLS

School Name / Program / Building :	District
Project Name :	Swimming Pool Maintenance & Repairs
Project Assigned to :	Facilities

	In Progress		On Going		Waiting on Others
	Delayed		Material on Order		
	Stopped		Awaiting Contract Approval from Corporation Council		
	Completed		Awaiting Approval F&O / BOE / BOA		






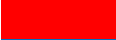



Task	Status	Comments
Hillhouse • Acid wash and re-grout pool area tile		• Work completed per vendor, needs to be verified
Martinez School • Removal and replacement of dehumidification system		• Awarded, waiting on PO

Project Planning & Status Worksheet



NEW HAVEN PUBLIC SCHOOLS

School Name / Program / Building :	District
Project Name :	Playgrounds Inspection Maintenance & Repair
Project Assigned to :	Facilities

 In Progress	 On Going	 Waiting on Others
 Delayed	 Material on Order	
 Stopped	 Awaiting Contract Approval from Corporation Council	
 Completed	 Awaiting Approval F&O / BOE / BOA	

School	Status	Task / Comments
Edgewood <ul style="list-style-type: none"> Entire playground upgrade/redesign Problems with, tree root, Flooding and drainage 	In Progress	<ul style="list-style-type: none"> Awarded to O'Brian & Son Design was approved by Frank Fanelli Install planned for June 2023
Annual Playground inspection to be scheduled for summer	Planned	
Truman/Head Start	In Progress	<ul style="list-style-type: none"> Awarded to O'Brian & Son Design was approved by Frank Fanelli Install planned for June 2023
Fair Haven/Head Start	In Progress	<ul style="list-style-type: none"> Awarded to O'Brian & Son Design was approved by Frank Fanelli Install planned for June 2023
Lincoln-Bassett/Head Start	In Progress	<ul style="list-style-type: none"> Awarded to O'Brian & Son Design was approved by Frank Fanelli Install planned for June 2023