



Presentation to
City of Stamford Board of Representatives
for
**EDUCATIONAL FACILITY ASSESSMENTS,
DEMOGRAPHIC STUDY & MASTER PLANNING**

March 24, 2022

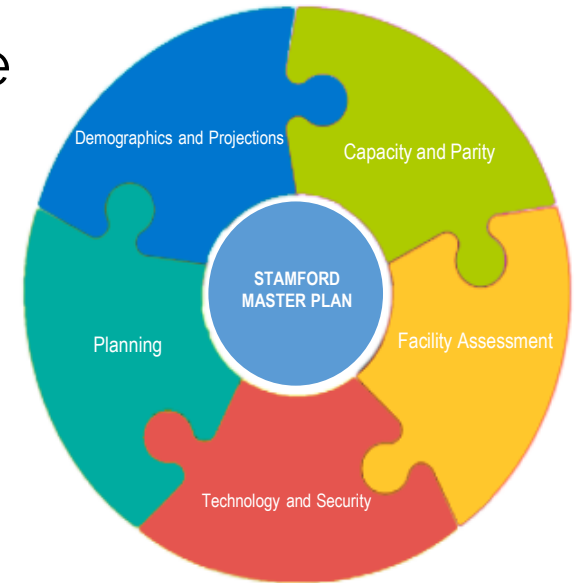
Agenda

1. Project overview & status
2. Community engagement results
3. Refresh on earlier project components
4. Planning scenarios & scenario 4
5. Scenario 4 implementation schedule
6. Scenario 4 capital funding forecast



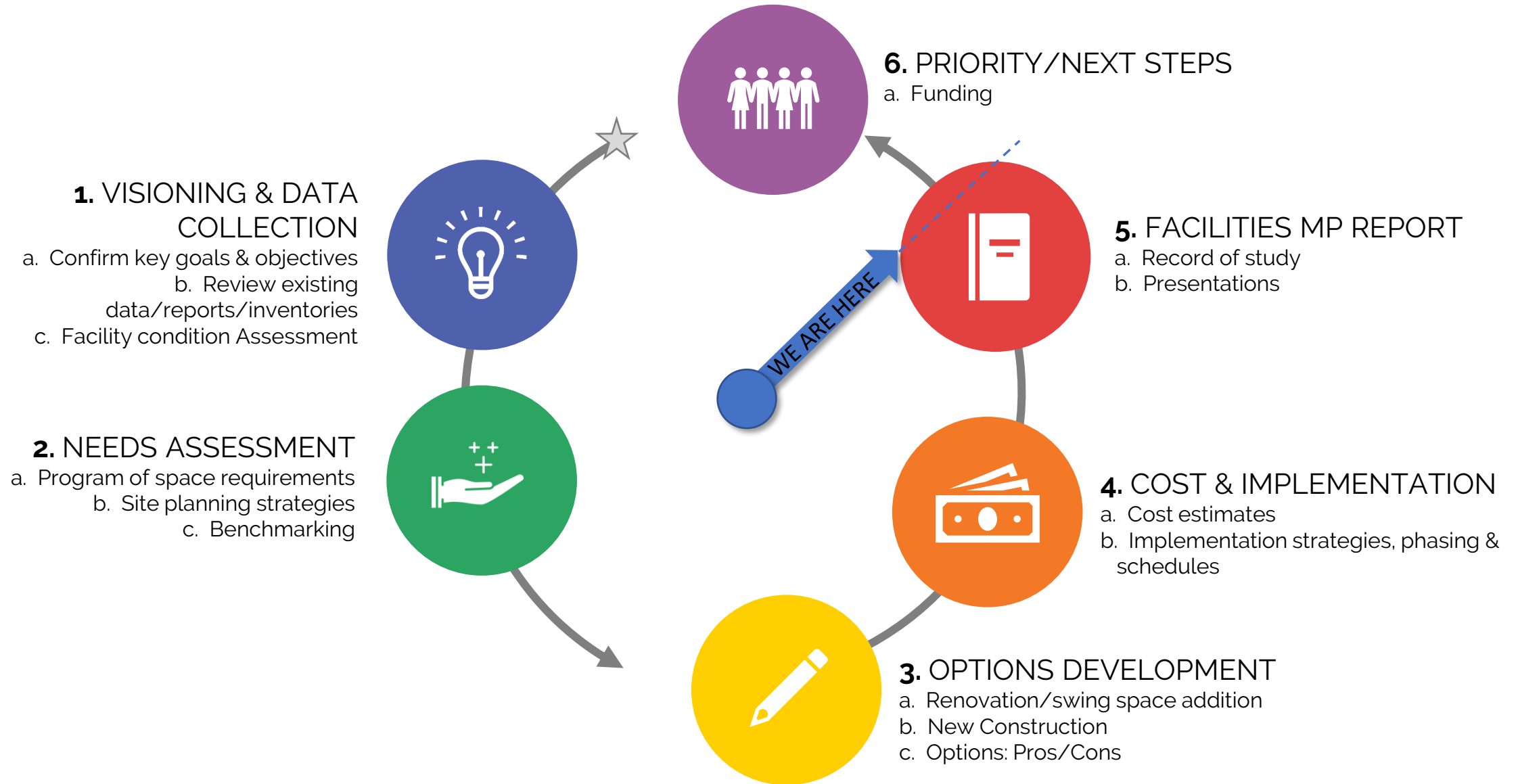
Overview

- Process has been thorough, working hand-in-hand with the Technical Advisory Committee (TAC)
 - TAC has SPS and CoS representation
- Reviewed the information with the Long-Term Facilities Committee (LTFC), Board of Finance
- Hold questions so the team can present the material
- SPS and CoS has performed a significant amount of work on several schools in recent years, which is reflected in the data
- **We've heard the feedback and made a change to a previously considered South side K-8 school site**
- **Plan dependent upon significant state contribution of funding, which is still being determined**



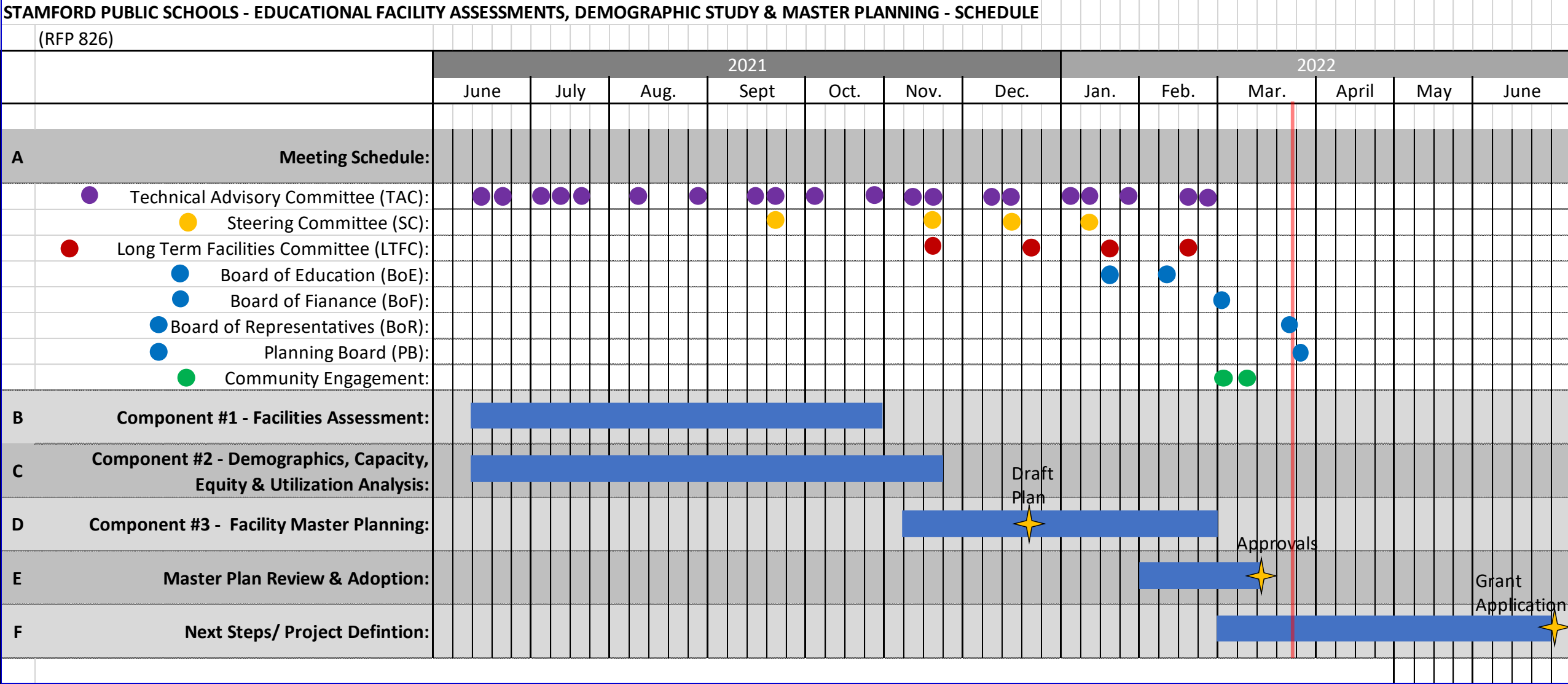
We Listen and Learn and then We Create - OUR PROCESS

DISCOVERY : Getting to know You



DELIVERY : Creating the Plan

Stamford Master Plan – Project Schedule



COMMUNITY ENGAGEMENT

Stamford Public Schools - Master Plan Survey – Current Progress

(Responses as of 03/07/22)



Total RESPONSES: 562

60.3% Current Student Parents

4.1% Future Parents

8.2% Residents at Large

7.5% SPS Students

16.0% SPS Teacher or Staff

3.7% Other (Grandparent, Caregiver, etc)

44.4% Have attended or watched LTFC Meetings

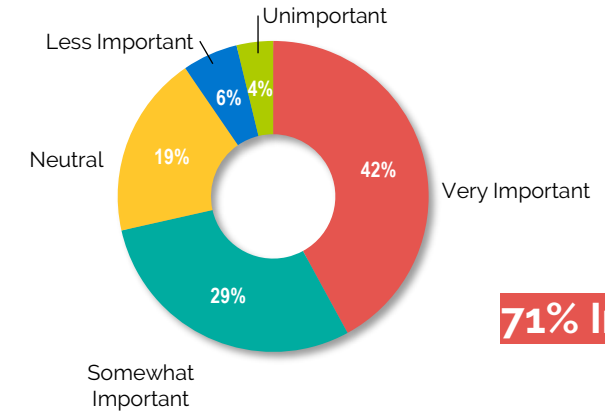
Q3. Most critical area that needs addressing...

- Curriculum and Instruction
- Location of buildings to serve the community as a whole
- Making sure we are spending our money wisely and efficient
- Facilities need to be rebuilt or upgraded.
- More Teachers, renewed Arts Programs

Q4. Improve one thing...

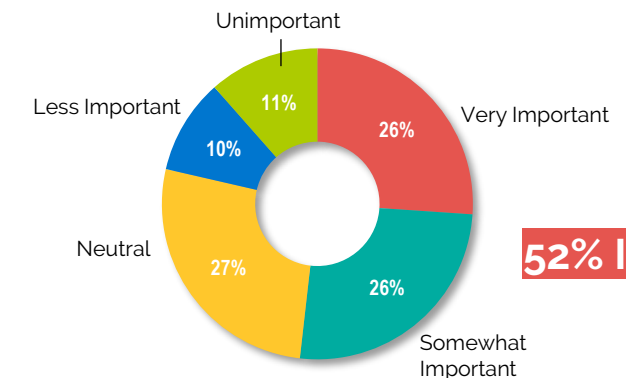
- Updated Technologies
- Better playground and separate age-appropriate equipment since we are thinking K-8 schools for the future.
- Better Climate Control
- Greatly improved maintenance of all school facilities and grounds.
- Pick up/drop off flow
- More appropriately sized classrooms

Q5. School in general proximity to student's home



71% Important

Q6. Provide more K-8 Options



52% Important

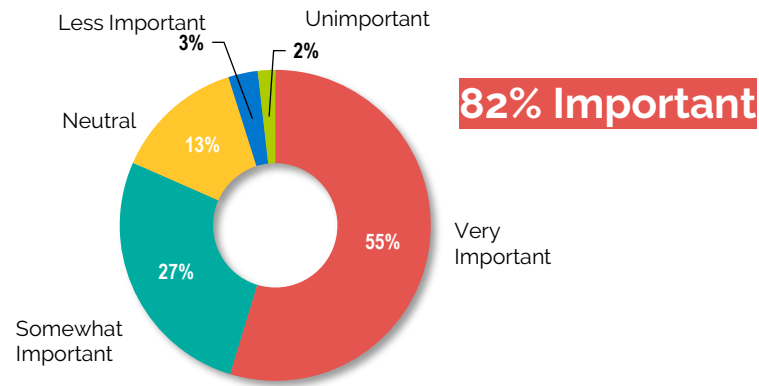


Stamford Public Schools - Master Plan Survey – Current Progress

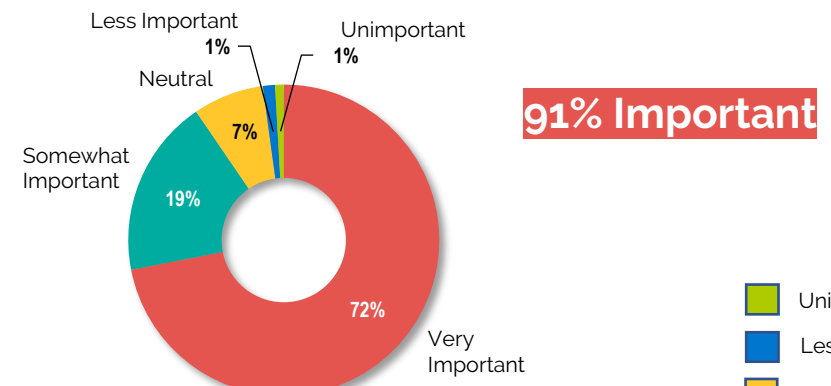
(Responses as of 03/07/22)



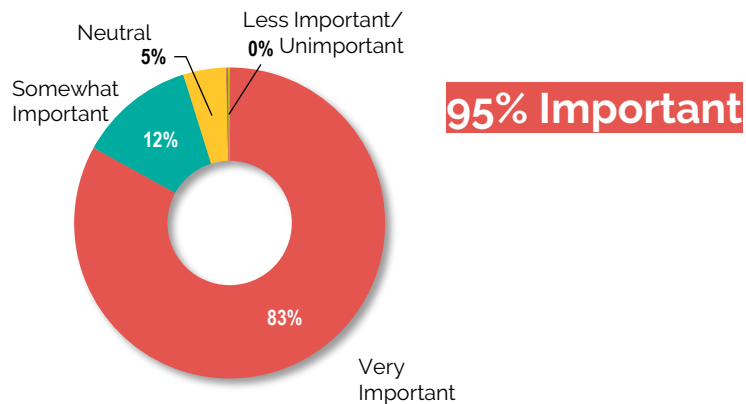
Q7. Replace Temporary Classrooms



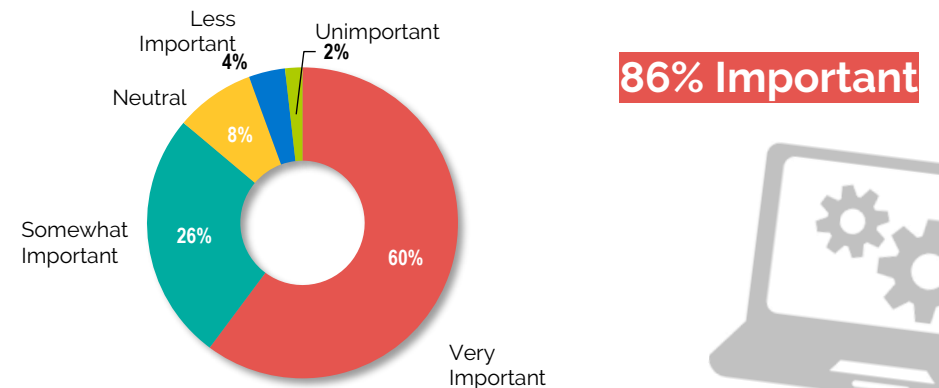
Q8. Update Learning Environments 21st Century Learning



Q9. Update HVAC at all schools



Q10. Update technologies

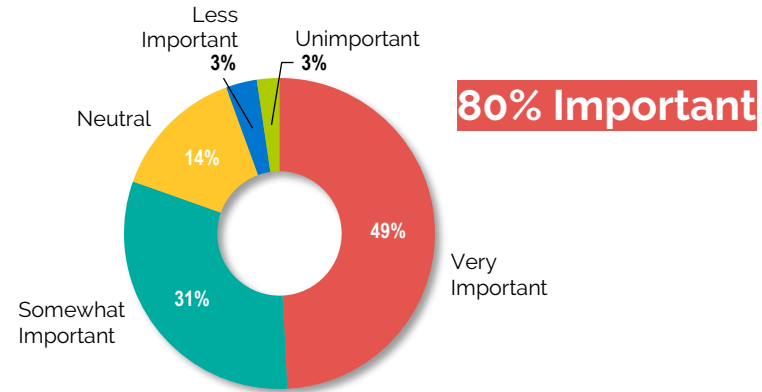


Stamford Public Schools - Master Plan Survey – Current Progress

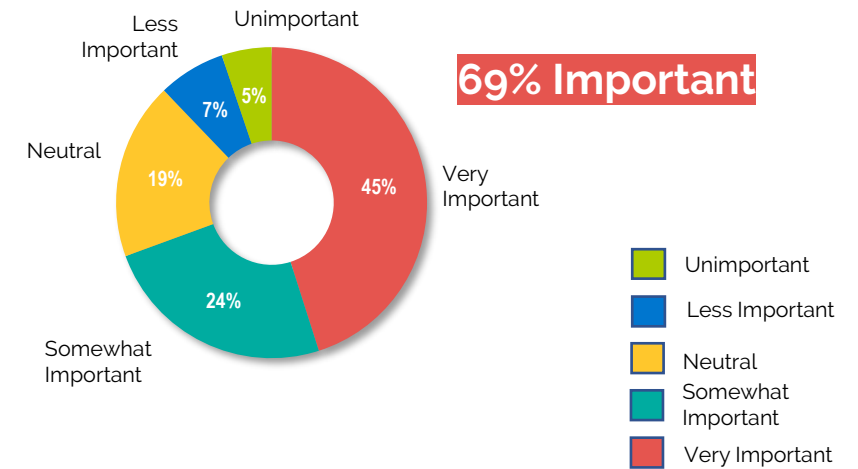
(Responses as of 03/07/22)



Q11. Provide parity of space across all schools



Q12. Keep students at SPS (PK-12)



Q13. The Master Plan will be successful if...

- The **Community** is involved.
- Diverse opinions are considered
- The need and **importance of childcare** is addressed
- These new buildings are **built and affordable** for Stamford taxpayers
- It is **inclusive** and **transparent**
- We foster **safe and orderly schools**, take care of school properly, and maximize instructional time
- Stamford schools become on **par with surrounding towns** like Darien and Greenwich.

Facility Master Planning – Community Meeting Schedule:

- Monday, February 28, 2022 **Complete**
- Wednesday, March 2, 2022 **Complete**
- Monday, March 7, 2022 **Complete**
- Thursday, March 10, 2022 **Complete**

Facility Master Planning – Survey: **Survey Closed on 3/22/22, compiling final results**

- English: <https://www.surveymonkey.com/r/NVgYHKK>
- Spanish: <https://www.surveymonkey.com/r/NH6YYKS>
- Your opinion matters!
- To learn more, visit www.stamfordpublicschools.org/district/facilities/pages/long-term-facilities-committee

FACILITY CONDITION ASSESSMENT - OVERVIEW

Facility Condition Assessment Scope in Review

- Assessed All Major Building & Site Related Systems / Equipment/ Technology & Security
- Identified Recommended Improvements Over Next 10 Years
- Prioritized Needs Based on Suggested Timeline to Perform Work
- Developed Cost Estimates with Approved Cost Model Approach
 - Costs are in 2021 Dollars, and Exclude Escalation, and Unique Project Delivery Costs
- Analyzed Comprehensive System Upgrades
 - Mechanical Systems
 - Electrical Systems including Technology & Security
 - Modular Buildings
 - Elevators / Lifts
 - Accessibility (Ramps / Bathrooms)



Facility Condition Assessment Findings

District-Wide 10 Year Forecast by Building Systems



Building Name	Bldg Type	Gross Area (SF)	Building Envelope	Interior Architecture	Mechanical**	Electrical	Plumbing	Fire Alarm / Protection	Site Improvements	Space *** Adaptations	Overall Cost / GSF	Notes / Modular Replcmt Cost
Roxbury ES	K-5	89,000	\$ 79.39	\$ 134.25	\$ 99.78	\$ 60.74	\$ 25.91	\$ 2.33	\$ 11.25	\$ 1.82	\$ 415.46	\$ 4,944,351 9,700 SF Modular
Newfield ES	K-5	85,720	\$ 7.60	\$ 149.95	\$ 100.76	\$ 48.09	\$ 27.33	\$ 13.34	\$ 22.31	\$ -	\$ 314.37	\$ 6,728,395 13,200 SF Modular
Northeast ES	K-5	85,720	\$ 31.11	\$ 108.95	\$ 99.93	\$ 46.91	\$ 23.66	\$ 13.50	\$ 10.28	\$ 0.75	\$ 298.16	\$ 2,701,552 5,300 SF Modular
Turn of River MS	MS	121,005	\$ 25.14	\$ 128.61	\$ 100.05	\$ 66	\$ 23.85	\$ 13.50	\$ 9.59	\$ 0.42	\$ 281.81	\$ 2,217,312 4,350 SF Modular
Stamford High	HS	360,000	\$ 41.10	\$ 58.66	\$ 131.48	\$ 47.78	\$ 25.85	\$ 13.68	\$ 3.31	\$ -	\$ 321.84	
Toquam Magnet ES	K-5	90,500									\$ 314.24	\$ 3,374,392 6,620 SF Modular
Westhill HS Annex*	HS	45,000									\$ 298.05	VoAg Annex Building + Full Site
Stamford HS Stadium	HS	16,000									\$ 297.95	
Dolan MS	MS	114,000									\$ 297.21	
Springdale ES	K-5	88,000									\$ 288.49	
Hart Magnet ES	K-5	82,300									\$ 281.95	
Rippowam MS	MS	227,700									\$ 277.95	Fair
Cloonan MS	MS	164,155									\$ 272.51	
Stillmeadow ES	K-5	108,372									\$ 262.50	\$ 1,197,858 2,350 SF Modular
KT Murphy ES	K-5	85,000									\$ 252.80	
Stark ES	K-5	93,900									\$ 245.92	
Davenport ES	K-5	84,890									\$ 233.91	
Rogers Intl School	K-8	131,681									\$ 193.48	
AIT&E HS	HS	110,560									\$ 179.01	Good
Scofield Magnet MS	MS	149,188									\$ 166.61	
Westover Magnet ES	K-5	142,000									\$ 109.50	Very Good
Strawberry Hill	K-8	133,000	\$ 7.39	\$ 16.36	\$ -	\$ 1.85	\$ -	\$ -	\$ 0.14	\$ -	\$ 26.73	Good

1. Categorized Needs by Systems

2. Calculated System Cost by Building Gross SqFt

3. Totaled Building Systems for Overall Cost / GSF

4. Sorted by Overall Cost / GSF (High to Low)

5. Highlighted Top 15% Cost / GSF per System

10 Year Improvement Costs Include Mechanical System Upgrades, Replacement of Modular Buildings, IT Infrastructure / Security, & Accessibility Related Items

Facility Condition Assessment Findings

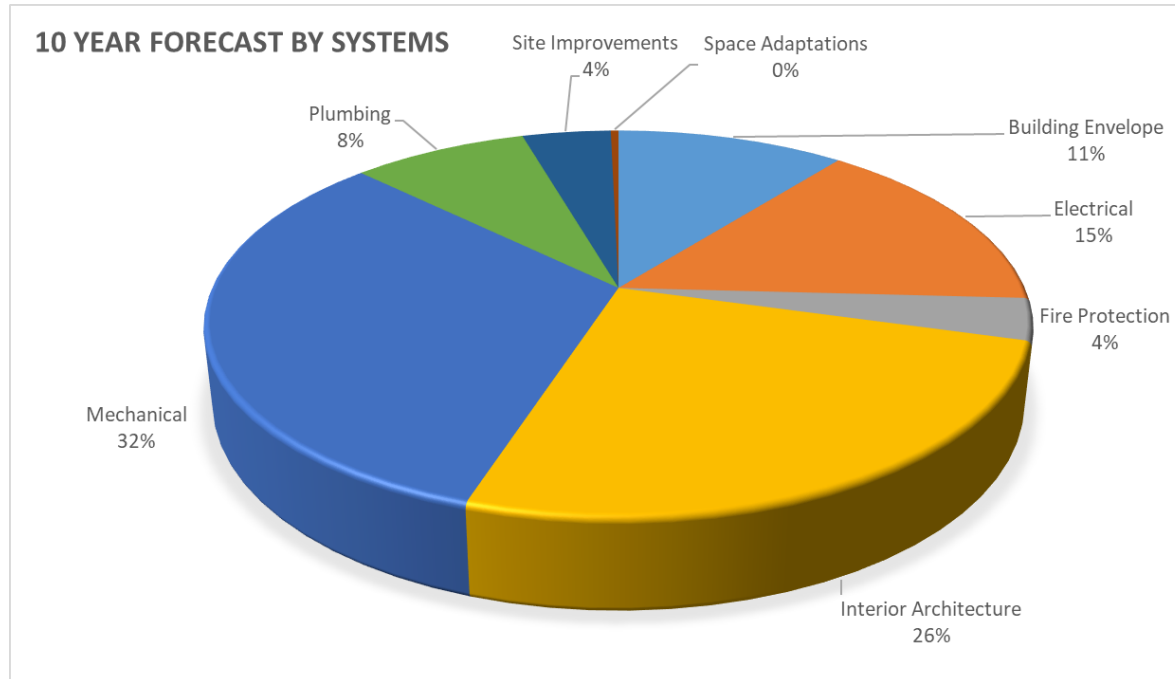
District-Wide 10 Year Forecast by Building Systems



Building Name	Bldg Type	Gross Area (SF)	Building Envelope	Interior Architecture	Mechanical**	Electrical	Plumbing	Fire Alarm / Protection	Site Improvements	Space *** Adaptations	Overall Cost / GSF	Notes / Modular Replcmt Cost
Roxbury ES	K-5	89,000	\$ 79.39	\$ 134.25	\$ 99.78	\$ 60.74	\$ 25.91	\$ 2.33	\$ 11.25	\$ 1.82	\$ 415.46	\$ 4,944,351 9,700 SF Modular
Newfield ES	K-5	75,900	\$ 7.60	\$ 149.95	\$ 100.76	\$ 48.09	\$ 27.33	\$ 13.34	\$ 22.31	\$ -	\$ 369.37	\$ 6,728,395 13,200 SF Modular
Northeast ES	K-5	85,720	\$ 31.11	\$ 108.95	\$ 99.93	\$ 46.99	\$ 23.66	\$ 13.50	\$ 10.28	\$ 0.75	\$ 335.16	\$ 2,701,552 5,300 SF Modular
Turn of River MS	MS	121,005	\$ 25.14	\$ 125.61	\$ 100.05	\$ 33.66	\$ 23.85	\$ 13.50	\$ 9.59	\$ 0.42	\$ 331.81	\$ 2,217,312 4,350 SF Modular
Stamford High	HS	360,000	\$ 41.10	\$ 58.66	\$ 131.46	\$ 47.78	\$ 25.85	\$ 13.68	\$ 3.31	\$ -	\$ 321.84	
Toquam Magnet ES	K-5	90,500	\$ 26.94	\$ 90.70	\$ 100.15	\$ 47.04	\$ 24.16	\$ 13.50	\$ 7.96	\$ 3.78	\$ 314.24	\$ 3,374,392 6,620 SF Modular
Westhill HS Annex*	HS	45,000	\$ 45.82	\$ 33.35	\$ 69.96	\$ 38.74	\$ 8.54	\$ -	\$ 101.65	\$ -	\$ 298.05	VoAg Annex Building + Full Site
Stamford HS Stadium	HS	16,000	\$ 37.57	\$ 55.74	\$ 18.71	\$ 21.45	\$ 43.09	\$ -	\$ 116.05	\$ 5.34	\$ 297.95	
Dolan MS	MS	114,000	\$ 21.46	\$ 95.81	\$ 98.86	\$ 35.54	\$ 23.88	\$ 14.28	\$ 4.45	\$ 2.92	\$ 297.21	
Springdale ES	K-5	88,000	\$ 35.06	\$ 69.19	\$ 101.68	\$ 45.40	\$ 25.16	\$ 6.21	\$ 1.42	\$ 4.37	\$ 288.49	
Hart Magnet ES	K-5	82,300	\$ 30.95	\$ 65.77	\$ 102.11	\$ 34.96	\$ 22.28	\$ 13.50	\$ 11.34	\$ 1.04	\$ 281.95	
Rippowam MS	MS	227,700	\$ 22.56	\$ 68.05	\$ 100.97	\$ 41.20	\$ 24.51	\$ 0.39	\$ 19.82	\$ 0.45	\$ 277.95	
Cloonan MS	MS	164,155	\$ 21.73	\$ 61.01	\$ 105.53	\$ 47.07	\$ 28.73	\$ 0.39	\$ 6.49	\$ 1.56	\$ 272.51	
Stillmeadow ES	K-5	108,372	\$ 41.00	\$ 67.80	\$ 63.50	\$ 62.44	\$ 19.43	\$ 1.87	\$ 5.64	\$ 0.83	\$ 262.50	\$ 1,197,858 2,350 SF Modular
KT Murphy ES	K-5	85,000	\$ 23.39	\$ 60.20	\$ 100.79	\$ 31.65	\$ 20.01	\$ 13.50	\$ 1.96	\$ 1.31	\$ 252.80	
Stark ES	K-5	93,900	\$ 30.69	\$ 82.05	\$ 50.99	\$ 35.66	\$ 26.03	\$ 14.45	\$ 3.32	\$ 2.73	\$ 245.92	
Davenport ES	K-5	84,890	\$ 46.10	\$ 49.67	\$ 66.48	\$ 40.35	\$ 24.93	\$ -	\$ 5.38	\$ 1.01	\$ 233.91	
Rogers Intl School	K-8	131,681	\$ 18.81	\$ 44.57	\$ 46.00	\$ 69.27	\$ 9.33	\$ 0.49	\$ 5.01	\$ -	\$ 193.48	
AIT&E HS	HS	110,560	\$ 19.49	\$ 16.66	\$ 81.03	\$ 16.24	\$ 6.36	\$ 29.05	\$ 10.17	\$ -	\$ 179.01	
Scofield Magnet MS	MS	149,188	\$ 14.58	\$ 41.43	\$ 54.81	\$ 21.27	\$ 21.01	\$ -	\$ 13.50	\$ -	\$ 166.61	
Westover Magnet ES	K-5	142,000	\$ 2.52	\$ 27.58	\$ 5.79	\$ 15.84	\$ 19.22	\$ 27.20	\$ 11.66	\$ -	\$ 109.80	
Strawberry Hill	K-8	133,000	\$ 7.39	\$ 16.36	\$ -	\$ 2.85	\$ -	\$ -	\$ 0.14	\$ -	\$ 26.73	

Facility Condition Assessment Findings

10 Year Forecast by Building Systems



10 Year Forecast by Priority

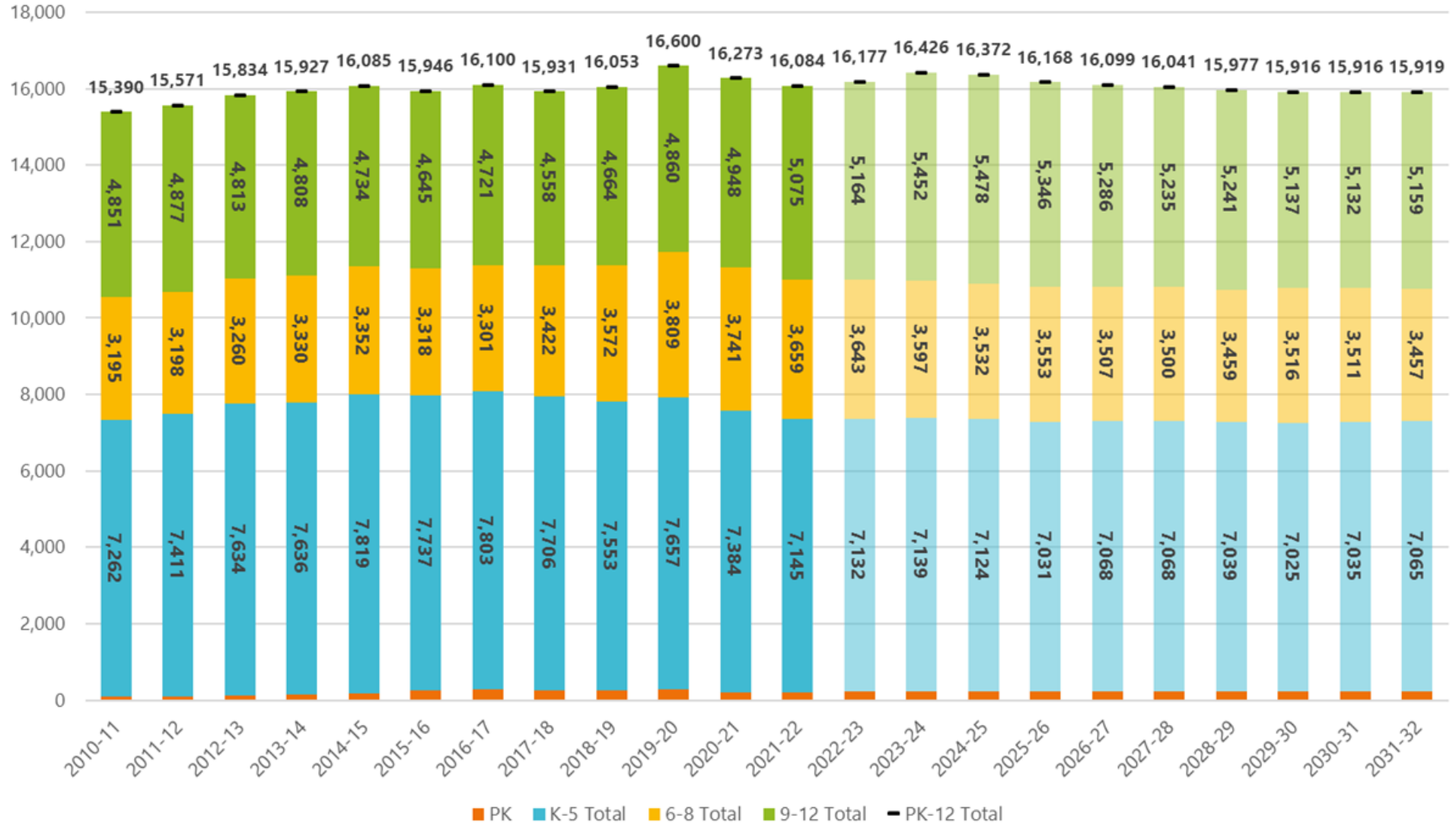
Building Name	Overall Cost / GSF	ROUNDED Imprvmt Cost	PRIORITY			
			P1 Immed	P2 1-2 yrs	P3 3-5 yrs	P4 6-10 yrs
Roxbury ES	\$ 415.46	\$ 36,976,000	0.2%	64.6%	21.1%	14.0%
Newfield ES	\$ 369.37	\$ 28,035,000	0.2%	73.9%	18.3%	7.6%
Northeast ES	\$ 335.16	\$ 28,730,000	0.0%	59.4%	19.7%	20.8%
Turn of River MS	\$ 331.81	\$ 40,151,000	0.0%	62.1%	19.9%	18.0%
Stamford High	\$ 321.84	\$ 115,862,000	0.0%	47.8%	18.2%	34.0%
Toquam Magnet ES	\$ 314.24	\$ 28,438,000	3.2%	60.3%	19.4%	17.1%
Westhill HS Annex*	\$ 298.05	\$ 13,412,000	0.1%	29.7%	39.0%	31.3%
Stamford HS Stadium	\$ 297.95	\$ 4,767,000	0.0%	60.2%	7.9%	31.9%
Dolan MS	\$ 297.21	\$ 33,881,000	0.0%	66.0%	20.3%	13.7%
Springdale ES	\$ 288.49	\$ 25,387,000	0.1%	61.8%	22.1%	16.0%
Hart Magnet ES	\$ 281.95	\$ 23,204,000	0.0%	42.3%	17.9%	39.8%
Rippowam MS	\$ 277.95	\$ 63,290,000	0.0%	50.5%	27.9%	21.5%
Cloonan MS	\$ 272.51	\$ 44,735,000	0.0%	58.4%	28.0%	13.6%
Stillmeadow ES	\$ 262.50	\$ 28,448,000	0.0%	59.6%	34.1%	6.2%
KT Murphy ES	\$ 252.80	\$ 21,488,000	0.0%	42.4%	28.2%	29.3%
Stark ES	\$ 245.92	\$ 23,092,000	0.0%	46.5%	40.4%	13.1%
Davenport ES	\$ 233.91	\$ 19,857,000	0.0%	52.7%	17.6%	29.7%
Rogers Intl School	\$ 193.48	\$ 25,477,000	0.0%	26.8%	36.4%	36.8%
AIT&E HS	\$ 179.01	\$ 19,791,000	0.0%	33.3%	15.8%	50.9%
Scofield Magnet MS	\$ 166.61	\$ 24,856,000	0.0%	42.8%	25.5%	31.7%
Westover Magnet ES	\$ 109.80	\$ 15,592,000	0.0%	12.2%	25.2%	62.6%
Strawberry Hill	\$ 26.73	\$ 3,555,000	0.0%	22.4%	31.0%	46.6%

ENROLLMENT PROJECTION & CAPACITY- OVERVIEW

Enrollment & Demographic Study Summary



Historic & Projected PreK-12 Enrollment by Grade Level
2010-11 to 2031-32 (Medium Scenario)



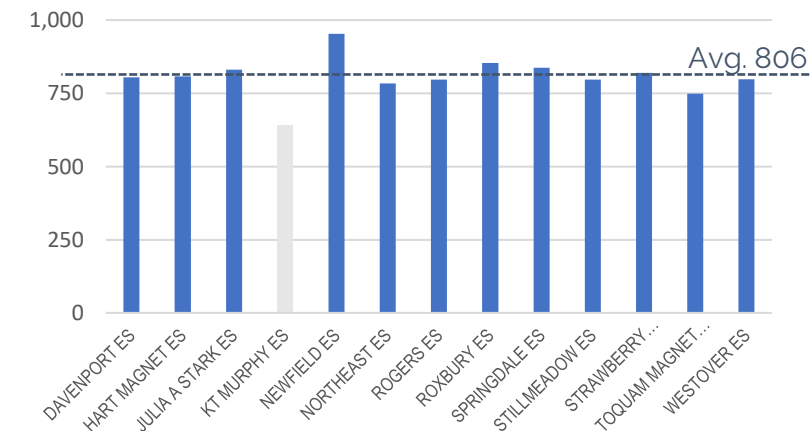
Capacity and Utilization – Elementary Schools



ELEMENTARY SCHOOLS		STUDY CAPACITY		% Utilization By Study Capacity
SCHOOL NAME	Current Enrollment 10/1/2021	Study Capacity	Variance from Study Capacity	
DAVENPORT ES	611	729	118	84%
HART MAGNET ES	532	635	103	84%
JULIA A STARK ES	574	639	65	90%
KT MURPHY ES	431	432	1	100%
NEWFIELD ES	523	631	108	83%
NORTHEAST ES	564	773	209	73%
ROGERS ES	755	792	37	95%
ROXBURY ES	562	676	114	83%
SPRINGDALE ES	548	632	84	87%
STILLMEADOW ES	630	698	68	90%
STRAWBERRY HILL ES	659	862	203	76%
TOQUAM MAGNET ES	570	657	87	87%
WESTOVER ES	534	685	151	78%
TOTALS	7,493	8,841	1,348	85%
	Provided by SLR		Study (D) -Current Enrollment	Current Enrollment / Study Capacity (D) =



AVG. CLASSROOM SIZE



"Current Enrollment" are October 1, 2021 enrollment values reported to SDE.

Capacity and Utilization – Middle Schools



MIDDLE SCHOOLS		STUDY CAPACITY		
	Current Enrollment 10/1/2021	Study Capacity	Variance from Study Capacity	% Utilization by Study Capacity
CLOONAN MS	626	752	126	83%
DOLAN MS	626	546	-80	115%
RIPPOWAM MS	746	1,027	281	73%
SCOFIELD MAGNET MS	587	593	6	99%
TURN OF RIVER MS	673	694	21	97%
TOTALS	3,258	3,612	354	
	Provided by SLR		Study (D) -Current Enrollment	Current Enrollment / Study Capacity =
RIPPOWAM - APPLES	168	222	8	76%

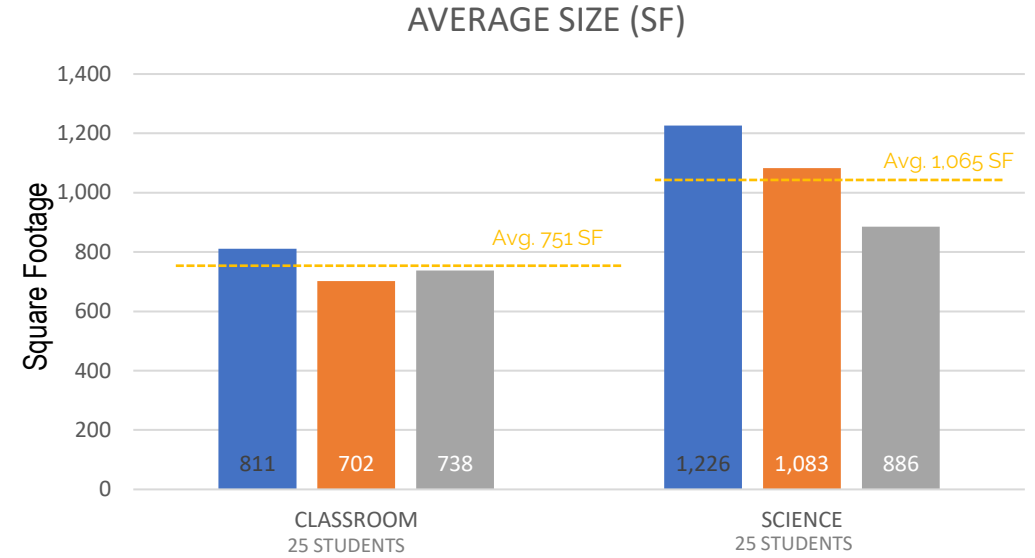
"Current Enrollment" are October 1, 2021 enrollment values reported to SDE.



Capacity and Utilization – High Schools



- AITE HS
- STAMFORD HS
- WESTHILL HS



HIGH SCHOOLS		STUDY CAPACITY		
		Study Capacity	Variance from Study Capacity	
	Current Enrollment 10/1/2021			% Utilization by Study Capacity
AITE HS	625	599	-27	104%
STAMFORD HS	1,974	2,504	530	79%
WESTHILL HS	2,285	2,197	-88	104%
TOTALS	4,884	5,299	415	
	Provided by SLR		Study (D) -Current Enrollment	Current Enrollment / Study (D)



"Current Enrollment" are October 1, 2021 enrollment values reported to SDE.

PLANNING SCENARIOS

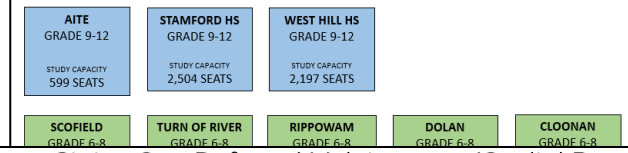
Master Planning Framework

- Target investments into areas of greatest need as identified by the Facility Condition Assessments (FCA's)
- Align school facilities with Stamford's demographics and educational needs
- Prepare a cash-flow matrix, targeting approx. \$ 300 M bonding over the 10-year time horizon (Local Stamford Share)
- Identify funding strategies to utilize state and federal dollars to the greatest extent possible

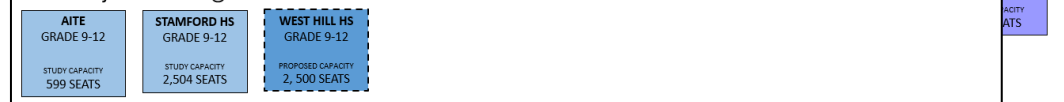
Scenario Overview:

- The Master Planning Process entails creating a range of planning options that span the gamut from maintaining “Status Quo” to large scale aspirational changes to the system
- Each component should be viewed through the lens of educational adequacy, support of SPS educational mission and strategic plan, facility needs, and community support
- Over the last several months, through an iterative process scenarios were developed and vetted with the Technical Advisory Committee (TAC)

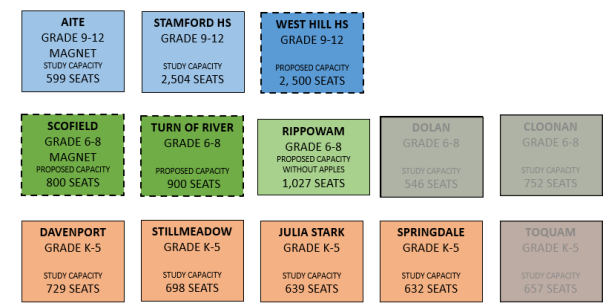
Scenario 1 – Status Quo Address Deferred Maintenance/ Capital Renewal



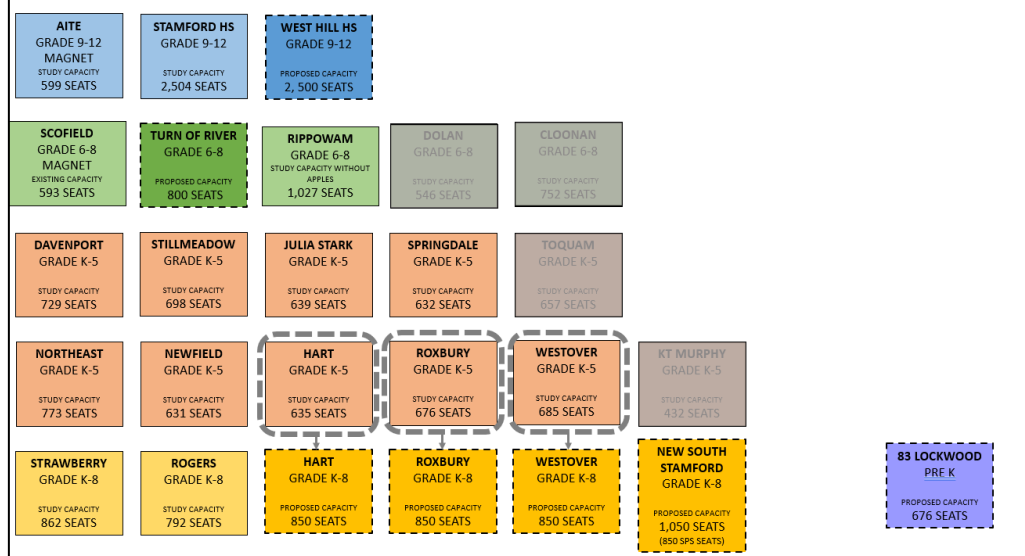
Scenario 2 – Status Quo Deferred Maintenance/Capital Renewal + Westhill HS & Early Learning Center



Scenario 3 – 20 School Alignment: Close 4, Build 2



Scenario 4 – 19 School Alignment: Close 4, Build 1



Scenario 4 – 19 School Alignment: Close 4, Build 1

AITE
GRADE 9-12
MAGNET
STUDY CAPACITY
599 SEATS

STAMFORD HS
GRADE 9-12
STUDY CAPACITY
2,504 SEATS

WEST HILL HS
GRADE 9-12
PROPOSED CAPACITY
2,500 SEATS

SCOFIELD
GRADE 6-8
MAGNET
EXISTING CAPACITY
593 SEATS

TURN OF RIVER
GRADE 6-8
PROPOSED CAPACITY
800 SEATS

RIPPOWAM
GRADE 6-8
STUDY CAPACITY WITHOUT
APPLES
1,027 SEATS

DOLAN
GRADE 6-8
STUDY CAPACITY
546 SEATS

CLOONAN
GRADE 6-8
STUDY CAPACITY
752 SEATS

DAVENPORT
GRADE K-5
STUDY CAPACITY
729 SEATS

STILLMEADOW
GRADE K-5
STUDY CAPACITY
698 SEATS

JULIA STARK
GRADE K-5
STUDY CAPACITY
639 SEATS

SPRINGDALE
GRADE K-5
STUDY CAPACITY
632 SEATS

TOQUAM
GRADE K-5
STUDY CAPACITY
657 SEATS

NORTHEAST
GRADE K-5
STUDY CAPACITY
773 SEATS

NEWFIELD
GRADE K-5
STUDY CAPACITY
631 SEATS

HART
GRADE K-5
STUDY CAPACITY
635 SEATS

ROXBURY
GRADE K-5
STUDY CAPACITY
676 SEATS

WESTOVER
GRADE K-5
STUDY CAPACITY
685 SEATS

KT MURPHY
GRADE K-5
STUDY CAPACITY
432 SEATS

STRAWBERRY
GRADE K-8
STUDY CAPACITY
862 SEATS

ROGERS
GRADE K-8
STUDY CAPACITY
792 SEATS

HART
GRADE K-8
PROPOSED CAPACITY
850 SEATS

ROXBURY
GRADE K-8
PROPOSED CAPACITY
850 SEATS

WESTOVER
GRADE K-8
PROPOSED CAPACITY
850 SEATS

**NEW SOUTH
STAMFORD**
GRADE K-8
PROPOSED CAPACITY
1,050 SEATS
(850 SPS SEATS)

83 LOCKWOOD
PRE K
PROPOSED CAPACITY
676 SEATS

Scenario 4 – Elementary Schools

- Enrollment reflects a “snapshot in time” for the elementary component of the K-5 and K-8 schools and are based on Scenario 4 conceptual boundaries
- Scenario 4 yields an elementary utilization of ~93%
- All schools well utilized with utilization ranging from just under 80% to the enrollment target of 100%
- Still a slight seat deficit in South Stamford (KT and TOQ) with Rogers at 98% and South Stamford Magnet at 119%. Could be mitigated by targeted draw from K-8 magnets.

Elementary Schools		Master Planning Capacity	
SCHOOL NAME	Scenario 4 K-5 Enrollment	Master Planning K-5 Capacity	Utilization
Davenport Ridge	700	729	96.0%
Hart K8 Intradistrict	481	567	84.8%
Julia A. Stark	653	639	102.2%
Newfield	561	631	88.9%
Northeast	610	773	78.9%
Rogers International K-8 Interdistrict	517	528	97.9%
Roxbury K8 Neighborhood	500	567	88.2%
South Stamford K8 Interdistrict	655	567	115.5%
Springdale	641	632	101.4%
Stillmeadow	655	698	93.8%
Strawberry Hill K-8 Interdistrict	478	574	83.3%
Westover K-8 Intradistrict	527	567	92.9%
TOTALS	6,978	7,472	93.4%

**Note K-5 totals slightly different than district totals due to out of district and outplacement*

All students in existing magnet programs were left in place, however, all other outplaced students were returned to their zone of residence. Also, assumes 50%-55% of TOQ students in Roger Pref. #1 go to Rogers.

Scenario 4 – Middle Schools

- Proposed Middle School Alignment consist of:
 - 2 Comprehensive MS – TOR at 800 students & Rippowam at 900 students
 - Scofield 6-8 Magnet at 600 students
 - 1 Community K8 at Roxbury
 - 3 Interdistrict K8 Magnets at Rogers, SH, and new South Stamford school
 - 2 Intradistrict K8 Magnets at Westover & Hart
- Hart & Westover K-8 magnet expansion allows for an additional 110 and 170 magnet students to be added from outside the attendance zone

Middle Schools		Master Planning Capacity	
SCHOOL NAME	Scenario 4 6-8 Enrollment	Master Planning Capacity 6-8 Capacity	Utilization
Hart School K8 ⁽²⁾	175	283	61.8%
Rippowam Middle ^{(1) (3)}	830	1,027	80.8%
Rogers International K8	284	264	107.6%
Roxbury K8	235	283	83.0%
Scofield Middle	584	593	98.5%
South Stamford K8 ⁽³⁾	278	283	98.2%
Strawberry Hill K8	261	288	90.6%
Turn of River School ⁽³⁾	819	800	102.4%
Westover K8 ⁽²⁾	112	283	39.6%
TOTALS	3,578	4,104	87.2%

(1) an additional 222 seats exists through the relocation of Apples to 83 Lockwood. Not included in capacity

(2) Does not include additional magnet middle students from outside attendance zone

(3) Assumes Strawberry "Rollup" of 7th and 8th grade students is weighted towards TOR (75%) and Ripp (25%)

Scenario 4 – ES & MS Summary & Diversity “Snapshot”

Scenario 4: ES & MS Enrollment Snapshot from 2021-22 Enrollment

School	Scenario 4 Enrollment	Master Planning Capacity	Scenario 4 Overall Utilization	Minority %		Free/Red. Lunch (FRL)		ELL %	
				Scenario 4 Minority %	Existing Minority %	Scenario 4 FRL %	Existing FRL %	Scenario 4 ELL %	Existing ELL %
K-5									
Davenport Ridge	700	729	96%	65.6%	60.9%	40.4%	39.3%	9.1%	12.0%
Julia A. Stark	656	639	103%	76.9%	77.2%	61.9%	64.9%	14.2%	14.1%
Newfield	561	631	89%	78.6%	77.8%	59.0%	58.1%	20.7%	18.2%
Northeast	610	773	79%	65.4%	60.2%	48.4%	42.1%	13.4%	16.2%
Springdale	641	632	101%	74.9%	75.9%	58.0%	58.6%	15.9%	17.7%
Stillmeadow	655	698	94%	74.4%	72.6%	57.6%	56.9%	15.4%	13.1%
K-8									
Hart K8 Intradistrict	656	850	77%	82.5%	83.8%	54.1%	55.7%	14.9%	14.3%
Rogers International K-8 Interdistrict	801	792	101%	72.9%	66.6%	59.6%	54.3%	11.6%	4.0%
Roxbury K8 Neighborhood	735	850	86%	70.6%	74.6%	49.3%	51.8%	15.9%	16.5%
South Stamford K8 Interdistrict	933	850	110%	85.1%	NA	69.0%	NA	19.3%	NA
Strawberry Hill K-8 Interdistrict	739	862	86%	71.9%	71.4%	39.7%	40.2%	1.8%	1.9%
Westover K-8 Intradistrict	639	850	75%	86.4%	83.3%	70.6%	68.2%	6.6%	5.5%
6-8									
Rippowam Middle School	830	1,027	81%	73.6%	72.9%	63.4%	62.0%	15.2%	13.9%
Scofield Intradistrict Magnet	584	593	98%	64.0%	64.0%	54.3%	54.3%	5.7%	5.7%
Turn of River School	819	800	102%	66.8%	72.6%	52.9%	53.4%	12.4%	18.6%

- Based on 2021-22 enrolment, overall Utilization improved to 91% for the collective Elementary and Middle School facilities
 - Scenario 4 K-5 at 93% vs. 85% existing
 - Scenario 4 6-8 at 87% vs. 76% existing
- No Major Diversity shifts based on Scenario 4; schools are within roughly 5%-6% of existing. *Please note the aim of the redistricting was to balance enrollment rather than balance diversity.*

Scenario 4 – 19 School Alignment: Close 4, Build 1

AITE
GRADE 9-12
MAGNET
STUDY CAPACITY
599 SEATS

STAMFORD HS
GRADE 9-12
STUDY CAPACITY
2,504 SEATS

WEST HILL HS
GRADE 9-12
PROPOSED CAPACITY
2,500 SEATS

SCOFIELD
GRADE 6-8
MAGNET
EXISTING CAPACITY
593 SEATS

TURN OF RIVER
GRADE 6-8
PROPOSED CAPACITY
800 SEATS

RIPPOWAM
GRADE 6-8
STUDY CAPACITY WITHOUT
APPLES
1,027 SEATS

DOLAN
GRADE 6-8
STUDY CAPACITY
546 SEATS

CLOONAN
GRADE 6-8
STUDY CAPACITY
752 SEATS

DAVENPORT
GRADE K-5
STUDY CAPACITY
729 SEATS

STILLMEADOW
GRADE K-5
STUDY CAPACITY
698 SEATS

JULIA STARK
GRADE K-5
STUDY CAPACITY
639 SEATS

SPRINGDALE
GRADE K-5
STUDY CAPACITY
632 SEATS

TOQUAM
GRADE K-5
STUDY CAPACITY
657 SEATS

NORTHEAST
GRADE K-5
STUDY CAPACITY
773 SEATS

NEWFIELD
GRADE K-5
STUDY CAPACITY
631 SEATS

HART
GRADE K-5
STUDY CAPACITY
635 SEATS

ROXBURY
GRADE K-5
STUDY CAPACITY
676 SEATS

WESTOVER
GRADE K-5
STUDY CAPACITY
685 SEATS

KT MURPHY
GRADE K-5
STUDY CAPACITY
432 SEATS

STRAWBERRY
GRADE K-8
STUDY CAPACITY
862 SEATS

ROGERS
GRADE K-8
STUDY CAPACITY
792 SEATS

HART
GRADE K-8
PROPOSED CAPACITY
850 SEATS

ROXBURY
GRADE K-8
PROPOSED CAPACITY
850 SEATS

WESTOVER
GRADE K-8
PROPOSED CAPACITY
850 SEATS

**NEW SOUTH
STAMFORD**
GRADE K-8
PROPOSED CAPACITY
1,050 SEATS
(850 SPS SEATS)

83 LOCKWOOD
PRE K
PROPOSED CAPACITY
676 SEATS

Scenario 4 – Implementation Schedule - Overall

SCHOOL NAME	2021	PHASE I					PHASE II						
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
ELEMENTARY / K-8 SCHOOLS													
Davenport		Design \$5M (25% R/I)					Grant App - 10% (25% R/I)	Design	\$10.2M in 2021, \$13M in 2030 dollars				
		Mechanicals/ Electrical supporting mech/ Limited envelope							Envelope balance/ Interior Arch/ Plumbing/ Electrical balance/ FA/ Site				
Hart Magnet (K-5)/ Convert to K-8 (850 seats) Intra-D Magnet							Grant App - 10% (25% R/I)	Design	\$10.2M in 2028 dollars				
									New K-8, demo existing Cloonan for new K-8 site. cost includes Cloonan demo				
Julia A Stark (K-5)		Design \$5M (25% R/I)					Grant App - 10% (25% R/I)	Design	\$13.2M in 2021, \$16.7M in 2029 dollars				
		Mechanicals/ Electrical supporting mech/ Limited envelope							Envelope balance/ Interior Arch/ Plumbing/ Electrical balance/ FA/ Site				
KT Murphy (K-5)									CLOSE				
Lockwood (Pre-K)		Grant App - 80%	Design	\$2M in 2021 grant app, includes escalation									
									Demo existing and new construction				
Newfield (K-5)		Design \$5M (25% R/I)					Grant App - 10% (25% R/I)	Design	\$12M in 2021, \$23.2M in 2028 dollars				
		Mechanicals/ Electrical supporting mech/ Limited envelope							Modular Replacement/ Envelope balance/ Interior Arch/ Plumbing/ Electrical balance/ FA/ Site				
Northeast (K-5)		Design \$6M (25% R/I)					Grant App - 10% (25% R/I)	Design	\$19.5M in 2021, \$23.9M in 2028 dollars				
		Mechanicals/ Electrical supporting mech/ Limited envelope							Modular Replacement/ Envelope balance/ Interior Arch/ Plumbing/ Electrical balance/ FA/ Site				
Rogers International									Design	\$2M in 2021, \$30 in 2030 dollars			
Roxbury (K-5)/ Convert to New Roxbury K-8 (850 seats)		Grant App - 202%	Design	\$16M in 2024 dollars									
									Extension/ Alteration - Addition to convert to K-8 Facility on Roxbury site				
Springdale (K-5)		Design \$10M (25% R/I)					Grant App - 10% (25% R/I)	Design	\$12.2M in 2021, \$16M in 2028 dollars				
		Mechanicals/ Electrical supporting mech/ Limited envelope							Envelope balance/ Interior Arch/ Plumbing/ Electrical balance/ FA/ Site				
Stillmeadow (K-5)		Design \$10M (25% R/I)					Grant App - 10% (25% R/I)	Design	\$13.2M in 2021, \$18.2M in 2028 dollars				
		Mechanicals/ Electrical supporting mech/ Limited envelope							Modular Replacement/ Envelope balance/ Interior Arch/ Plumbing/ Electrical balance/ FA/ Site				
Strawberry Hill (K-8) Inter-D Magnet									Design	\$2M in 2021, \$2.8M in 2030 dollars			
									Deferred Maintenance				
Toquam Magnet (K-5)		Design \$3M (25% R/I)											
		Envelope/ Limited Mechanical (immediate needs)							CLOSE				
Westover Magnet (K-5)/ Convert to K-8 (850 seats) Intra-D Magnet									Grant App - 202%	Design	\$22M in 2021, \$30M in 2030 dollars		
									Alteration & Extension/ Addition & Renovation and conversion to K-8				
New South Stamford K8 Inter-D Magnet (1,050 Seats)		Grant App - 80%	Design	\$19.25M in 2025 dollars									
									New K-8 Facility 1,050 seats				
MIDDLE SCHOOLS													
Cloonan													
									CLOSE				
									Close Cloonan after Roxbury is completed, demo Cloonan to enable Hart K-8 on Cloonan site				
Dolan													
									CLOSE				
									Dolan kids move to South Stamford K8, TOR and Ripp				
Rippowam (6-8) 900 seats		Design \$5M (25% R/I)					Grant App - 202%	Design	\$5.9M in 2021, \$9.9M in 2028 dollars				
		Limited Envelope/ Limited Mechanical (immediate IAO needs)							Extension & Alteration project to 900 student 6-8 facility/ Code/ Energy				
Scotfield Magnet (6-8) Intra-D Magnet		Design \$3.6M (25% R/I)							Grant App - 10% (25% R/I)	Design	\$20M in 2031 dollars		
		Limited Mechanical (immediate IAO needs)									Envelope balance/ Interior Arch/ Plumbing/ Electrical balance/ FA		
Turn of River (6-8)/ Extension/ Alteration to 800 seat (6-8)		Grant App - 202%	Design	\$15.7M in 2025 dollars (shared, occupied construction)									
									Extension & Alteration project to 800 student 6-8 facility				
HIGH SCHOOLS													
ATE		Phase - 22 Apprd											
		Limited Mechanical (immediate IAO needs)							Grant App - 10% (25% R/I)	Design	\$32.6M in 2021 dollars		
Stamford		Grant App - 202%	Design	\$40M			Grant App - 202%	Design	\$88M in 2030 dollars				
									Site project/ Limited Interior Arch/ Limited Mechanical/ DM				
Stamford Stadium		\$1.2M, Phase 2 Apprd											
											Design	\$2.8M in 2032 dollars	
Westhill		Grant App - 99%	Design	\$298M in 2021 grant app, includes escalation									
									Replacement HS/ Demo existing/ Site work				
Westhill Annex (VoAg)									Design	\$13.2M in 2021, \$16M in 2030 dollars			
ALTERNATIVE													
Anchor			Design	\$1M									
									Architectural interior upgrades				

ELEMENTARY & K-8

MIDDLE

HIGH

ALT

Scenario 4 – Implementation Schedule - Elementary

SCHOOL NAME	PHASE 1					PHASE II					2032	2033		
	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030			2031	
ELEMENTARY / K-8 SCHOOLS														
Davenport		Design \$6M (2% R/I)					Grant App - 10% + (2% R/I)	Design	\$10.2M in 2021, \$13M in 2030 dollars					
		Mechanicals/ Electrical supporting mech/ Limited envelope						Envelope balance/ Interior Arch/ Plumbing/ Electrical balance/ FA/ Site						
Hart Magnet (K-5)/ Convert to K-8 (850 seats) Intra-D Magnet						Grant App - 19.29% + (2% R/I)	Design	\$92.6M in 2028 dollars						
							New K-8, demo existing Cloonan for new K-8 site, cost includes Cloonan demo							
Julia A Stark (K-5)		Design \$6M (2% R/I)					Grant App - 10% + (2% R/I)	Design	\$13.2M in 2021, \$16.7M in 2029 dollars					
		Mechanicals/ Electrical supporting mech/ Limited envelope						Envelope balance/ Interior Arch/ Plumbing/ Electrical balance/ FA/ Site						
KT Murphy (K-5)							CLOSE							
Lockwood (Pre-K)		Grant App - 80%	Design	\$52M in 2021 grant app, includes escalation										
		Demo existing and new construction												
Newfield (K-5)		Design \$6M (2% R/I)					Grant App - 19.29% + (3% R/I)	Design	\$19M in 2021, \$23.3M in 2028 dollars					
		Mechanicals/ Electrical supporting mech/ Limited envelope						Modular Replacement/ Envelope balance/ Interior Arch/ Plumbing/ Electrical balance/ FA/ Site						
Northeast (K-5)		Design \$6M (2% R/I)					Grant App - 19.29% + (3% R/I)	Design	\$19.5M in 2021, \$23.9M in 2028 dollars					
		Mechanicals/ Electrical supporting mech/ Limited envelope						Modular Replacement/ Envelope balance/ Interior Arch/ Plumbing/ Electrical balance/ FA/ Site						
Rogers International									Design	\$23M in 2021, \$30 in 2030 dollars				
Roxbury (K-5)/ Convert to K-8 (850 seats)		Grant App - 29.29% + (3% R/I)	Design	\$55M in 2024 dollars										
		Extension/ Alteration + Addition to convert to K-8 Facility on Roxbury site												

Scenario 4 – Implementation Schedule - Elementary

SCHOOL NAME	2021	PHASE I					PHASE II					2032	2033		
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031				
ELEMENTARY / K-8 SCHOOLS															
Springdale (K-5)		Design Mechanicals/ Electrical supporting mech/ Limited envelope	\$10M (2% R/I)			Grant App - 10% + (2% R/I)	Design Envelope balance/ Interior Arch/ Plumbing/ Electrical balance/ FA/ Site	\$12.2M in 2021, \$15M in 2028 dollars							
Stillmeadow (K-5)		Design Mechanicals/ Electrical supporting mech/ Limited envelope	\$10M (2% R/I)			Grant App - 10% + (2% R/I)	Design Modular Replacement/ Envelope balance/ Interior Arch/ Plumbing/ Electrical balance/ FA/ Site	\$13.2M in 2021, \$16.2M in 2028 dollars							
Strawberry Hill (K-8: Inter-D Magnet)								Design Deferred Maintenance	\$2M in 2021, \$2.6M in 2030 dollars						
Toquam Magnet (K-5)		Design Envelope/ Limited Mechanical (immediate needs)	\$4M (2% R/I)				CLOSE								
Westover Magnet (K-5) / Convert to K-8 (850 seats): Intra-D Magnet								Design Alteration & Extension/ Addition & Renovation and conversion to K-8	Grant App - 29.29% + (3% R/I) \$22M in 2021, \$30M in 2030 dolaars						
New South Stamford K8: Inter-D Magnet (1,050 Seats)		Grant App - 80%	Design New K-8 Facility 1,050 seats	\$112.25M in 2025 dollars											

Phase-1:

- 7 projects for mechanical, electrical, building envelope needs
- 2 new construction projects (Early Learning Center & South Side K-8)
- 1 renovation + addition conversion to K-8 (Roxbury)

Phase-2:

- Close 2 schools (KT Murphy & Toquam)
- 1 new K-8 (Hart)
- 1 expansion to K-8 (Westover)
- 7 projects for balance of deferred maintenance/ capital renewal

Scenario 4 – Implementation Schedule – Middle Schools

SCHOOL NAME	2021	PHASE 1					PHASE II					2032	2033
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031		
MIDDLE SCHOOLS													
Cloonan													
Dolan													
Rippowam (6-8) 900 seats													
Scofield Magnet (6-8) Intra-D Magnet													
Turn of River (6-8)/ Extension/ Alteration to 800 seat (6-8)													

Phase-1:

- 2 projects for mechanical, electrical, building envelope needs (Rippowam & Scofield)
- 1 extension & alteration/ code/ energy project for additional 6-8 seats (Turn of River)

Phase-2:

- Close 2 schools (Cloonan & Dolan)
- 2 projects for balance of deferred maintenance/ capital renewal (Rippowam & Scofield)

Scenario 4 – Implementation Schedule – High Schools & Alternative

SCHOOL NAME	2021	PHASE 1					PHASE II					2032	2033	
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031			
HIGH SCHOOLS														
AITE														
Stamford														
Stamford Stadium														
Westhill														
Westhill Annex (VoAg)														
ALTERNATIVE														
Anchor														

Phase-1:

- 1 new replacement school (Westhill)
- 1 deferred maintenance/ code/ energy/ site improvement project (Stamford)
- 2 projects for mechanical, electrical, building envelope needs (AITE, Stamford Stadium)

Phase-2:

- 4 projects for balance of deferred maintenance/ capital renewal (AITE, Stamford, Stadium, Westhill Annex)

Scenario 4 – Capital Funding Forecast – Framework

- Escalation built-into future implementation projects at 3.0% per year, compounded annually
- Assumes the following reimbursement rates on specific projects:
 - Westhill: 95%
 - Lockwood: 80%
 - New South Stamford K-8: 80%
- State reimbursement reflects 2022 rates:
 - Type 1 projects: 19.29% for new construction
 - Type 2 projects: 29.29 % for renovation projects
 - Type 3 projects: 10 % for deferred maintenance/ Code/ Energy/ Roofing projects
 - Rebates/ Incentives also assumed at 3% for Type 1 & 2 and 2% for Type 3 projects

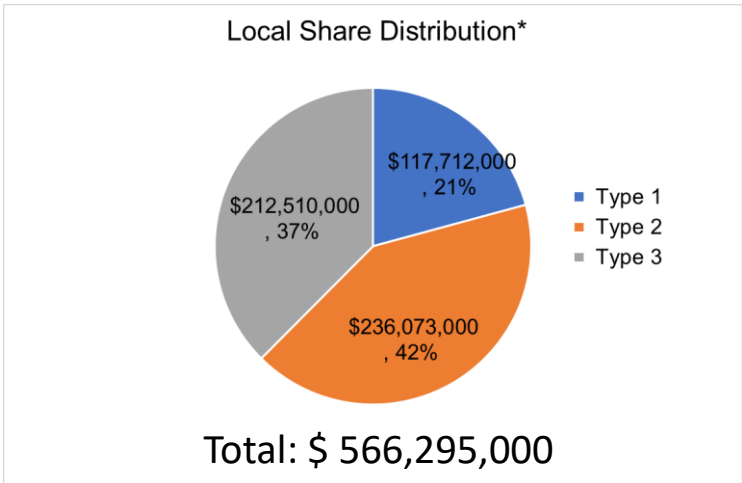
Scenario 4 – Capital Funding Forecast – Framework (cont.)

- Applies approved City funds identified for school improvements
- Excludes:
 - Technology equipment upgrades since funded separately (except for forecasted new construction)
 - Furniture and other loose equipment
- Cost avoidance for deferred maintenance by closing 4 schools, dollars are invested in the re-structuring plan resulting in a reduced footprint district-wide, better enrollment alignment and improved utilization
 - Cloonan: \$ 44.7 M
 - Dolan: \$ 33.9 M
 - KT Murphy: \$ 21.5 M
 - Toquam: \$ 28.5 M
 - Total: \$ 128.6 M
- Tiered funding approach to present achievable options

Scenario 4 – Capital Funding Forecast – Framework (cont.)

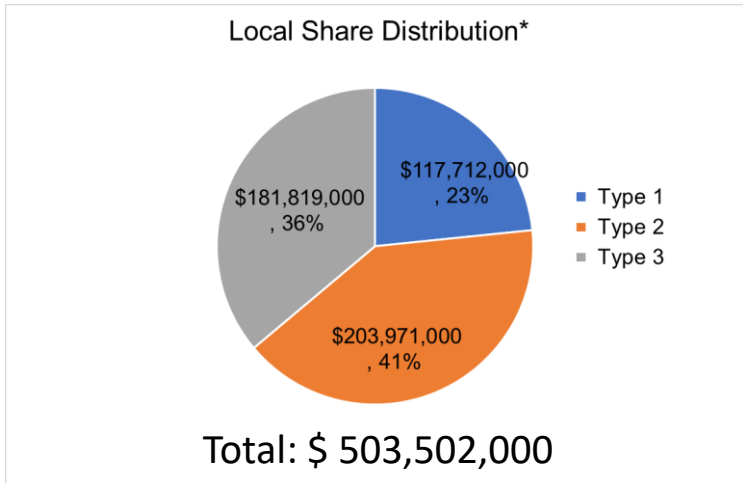
Tier 1 (100% of FCA items):

- New Westhill
- New Lockwood
- New K-8 South Stamford
- Renovate to K-8 at Roxbury
- Close:
 - Cloonan,
 - Dolan,
 - KT Murphy &
 - Toquam
- Address **100%** of FCA items at all schools over 10 years



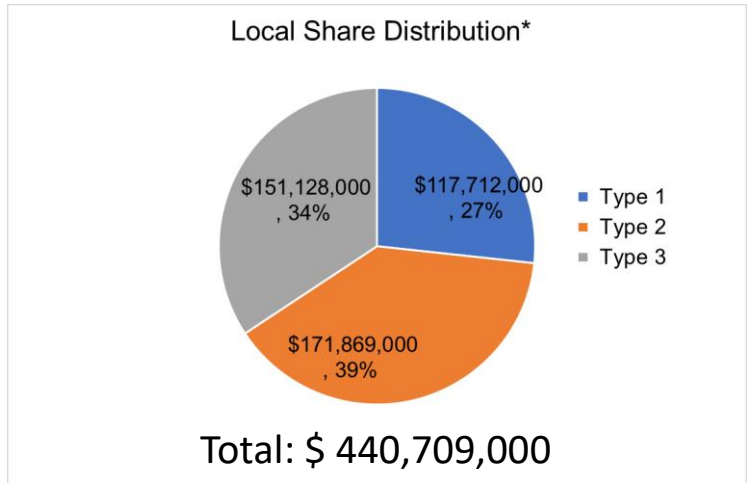
Tier 2 (80% of FCA items):

- Same as Tier 1
- Address **80%** of FCA items at all schools over 10 years



Tier 3 (60% of FCA items):

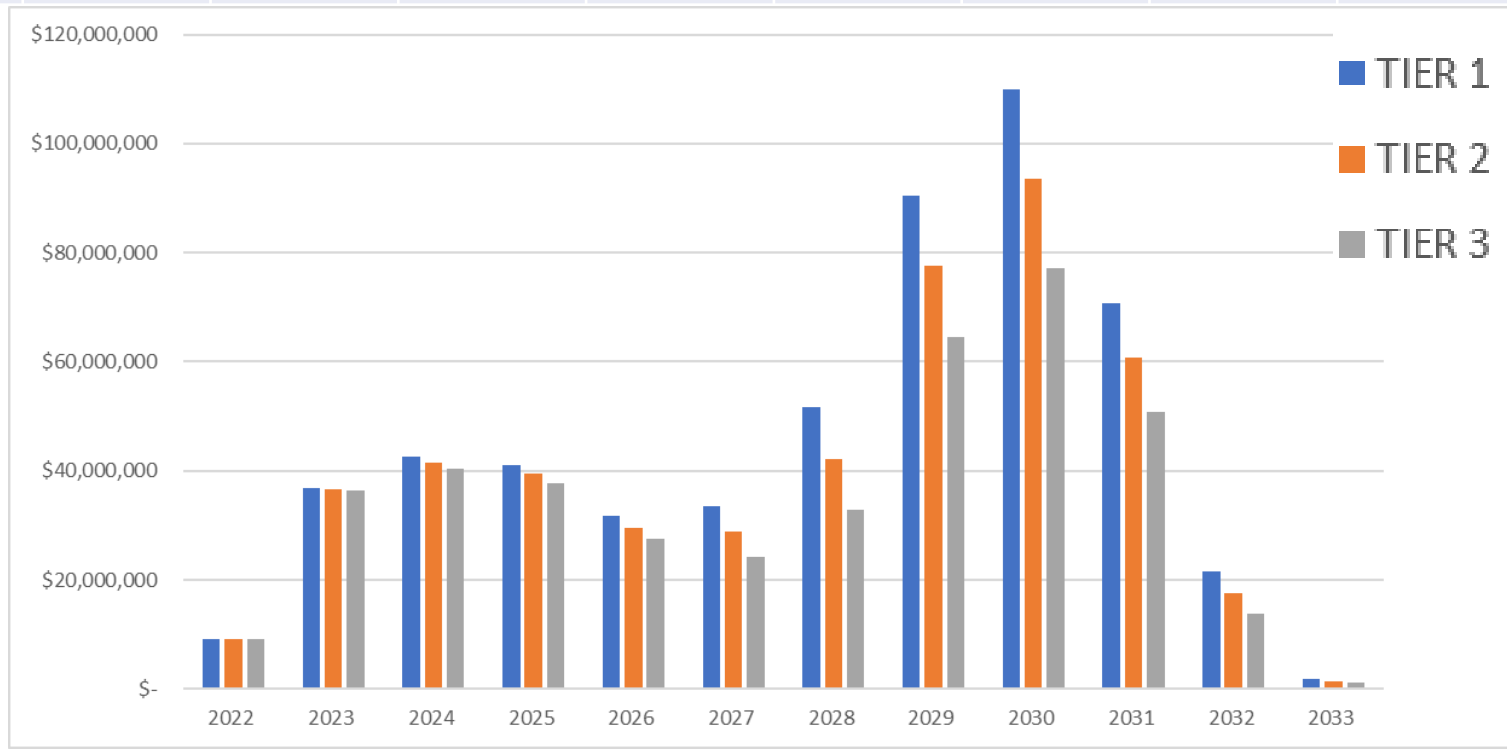
- Same as Tier 1
- Address **60%** of FCA items at all schools over 10 years



Local Share

Scenario 4 – Capital Funding Forecast – Year over Year LT Bonding

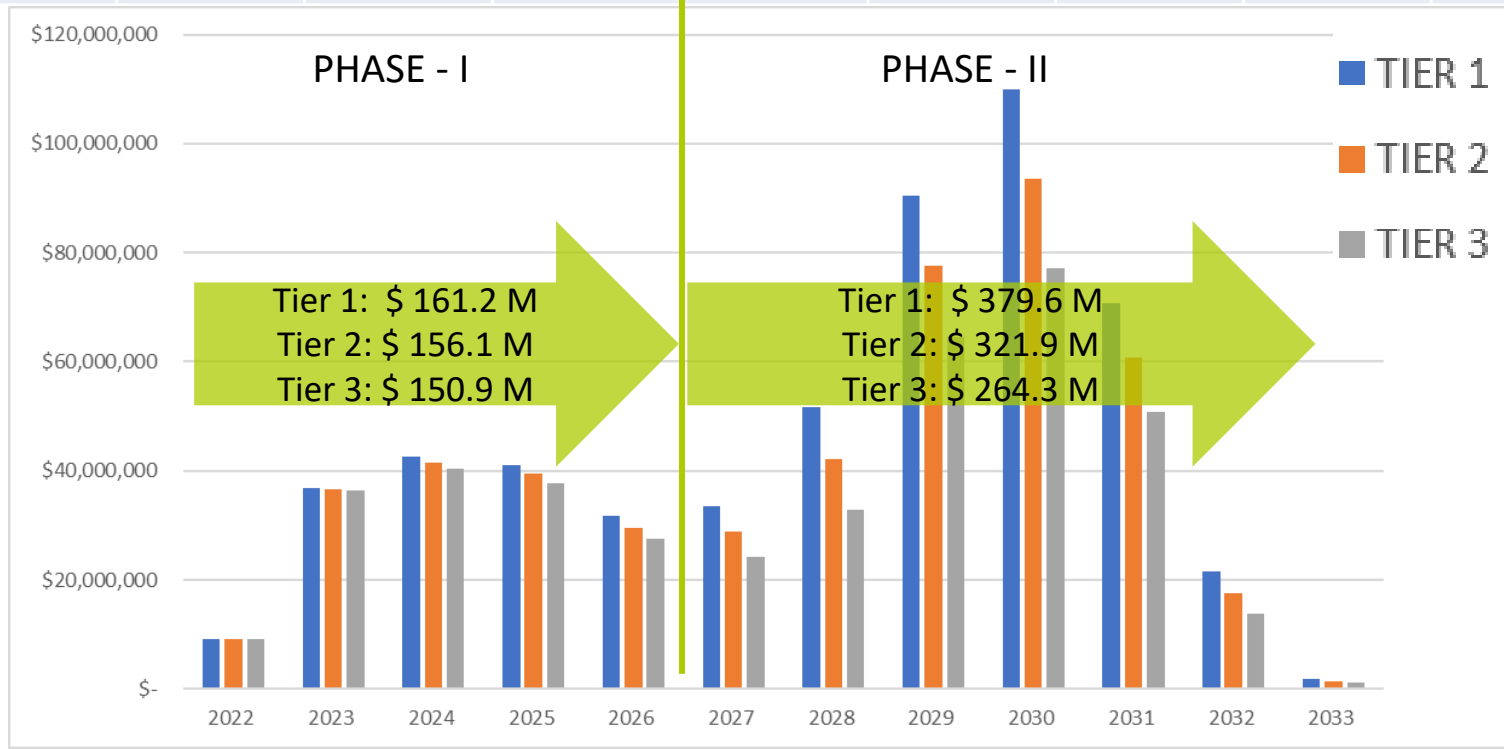
	PHASE - I					PHASE - II						
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
TIER 1	\$ 9.1	\$ 36.9	\$ 42.5	\$ 41.0	\$ 31.7	\$ 33.6	\$ 51.6	\$ 90.4	\$ 109.9	\$ 70.8	\$ 21.5	\$ 1.8
TIER 2	\$ 9.1	\$ 36.6	\$ 41.4	\$ 39.4	\$ 29.6	\$ 28.9	\$ 42.2	\$ 77.5	\$ 93.5	\$ 60.8	\$ 17.6	\$ 1.4
TIER 3	\$ 9.1	\$ 36.3	\$ 40.3	\$ 37.7	\$ 27.5	\$ 24.2	\$ 32.9	\$ 64.5	\$ 77.1	\$ 50.8	\$ 13.7	\$ 1.1



Local Share

Scenario 4 – Capital Funding Forecast – Year over Year LT Bonding

	PHASE - I					PHASE - II						
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
TIER 1	\$ 9.1	\$ 36.9	\$ 42.5	\$ 41.0	\$ 31.7	\$ 33.6	\$ 51.6	\$ 90.4	\$ 109.9	\$ 70.8	\$ 21.5	\$ 1.8
TIER 2	\$ 9.1	\$ 36.6	\$ 41.4	\$ 39.4	\$ 29.6	\$ 28.9	\$ 42.2	\$ 77.5	\$ 93.5	\$ 60.8	\$ 17.6	\$ 1.4
TIER 3	\$ 9.1	\$ 36.3	\$ 40.3	\$ 37.7	\$ 27.5	\$ 24.2	\$ 32.9	\$ 64.5	\$ 77.1	\$ 50.8	\$ 13.7	\$ 1.1



12 Year Totals*:

Tier 1: \$ 540.8 M
 Tier 2: \$ 478.0 M
 Tier 3: \$ 415.2 M

* Factors in application of available/ approved funds

QUESTIONS?



THANK YOU!