



Presentation to
City of Stamford
Long-Term Facilities Committee (LTFC)
for
EDUCATIONAL FACILITY ASSESSMENTS,
DEMOGRAPHIC STUDY & MASTER PLANNING

February 3, 2022

AGENDA

1. Project overview & status
2. Refresh on earlier project components
3. Planning scenarios
4. Schedule for community engagement
5. Next steps



Overview

- Presentation is rich with data
- 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 Steering Committee
- Hold questions so the team can present the material
- Have setup a Mentimeter page for questions to be input by the audience that we'll review after the presentation and address as time allows
- SPS and CoS has performed a significant amount of work on several schools in recent years, which is reflected in the data



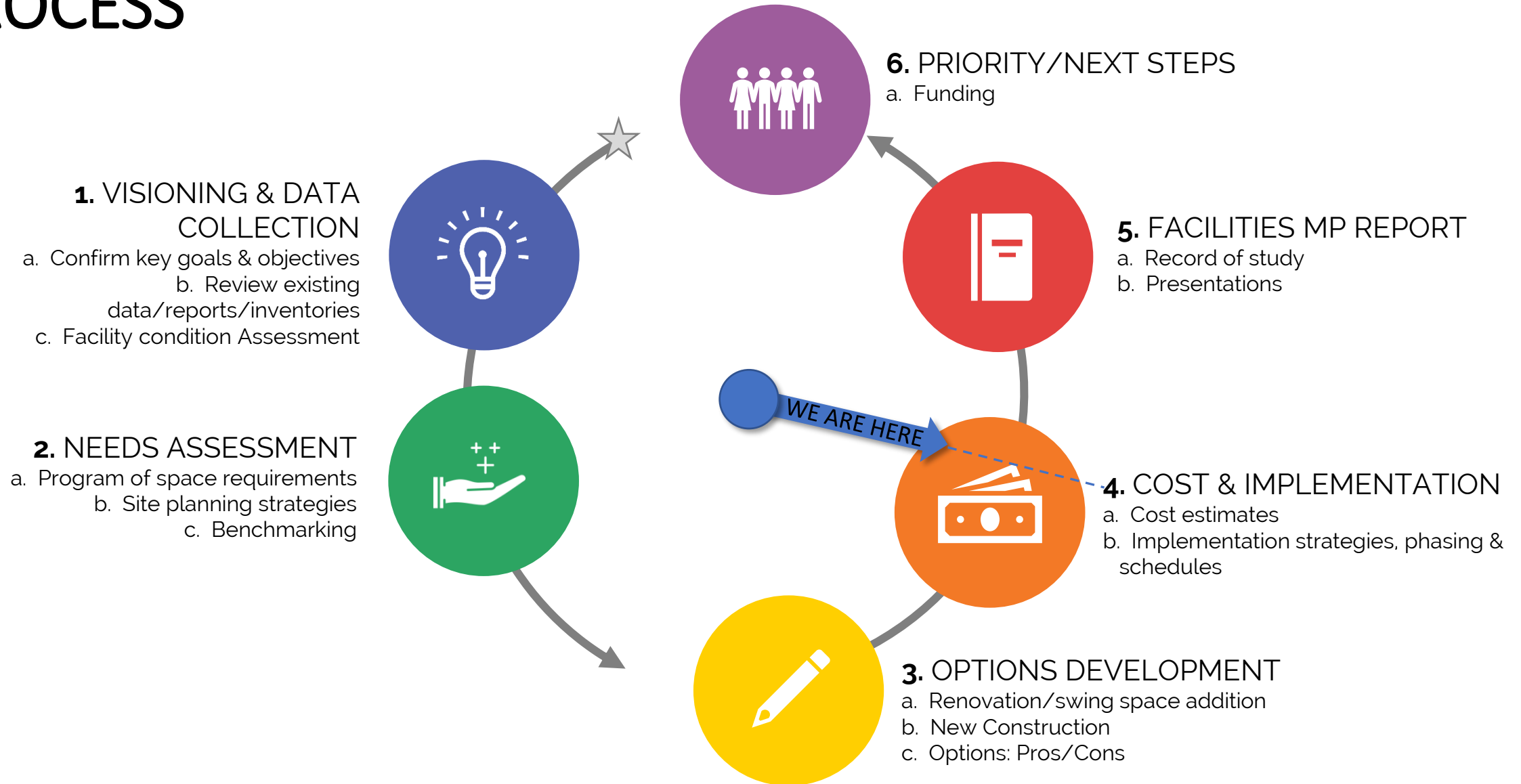
 **Mentimeter**



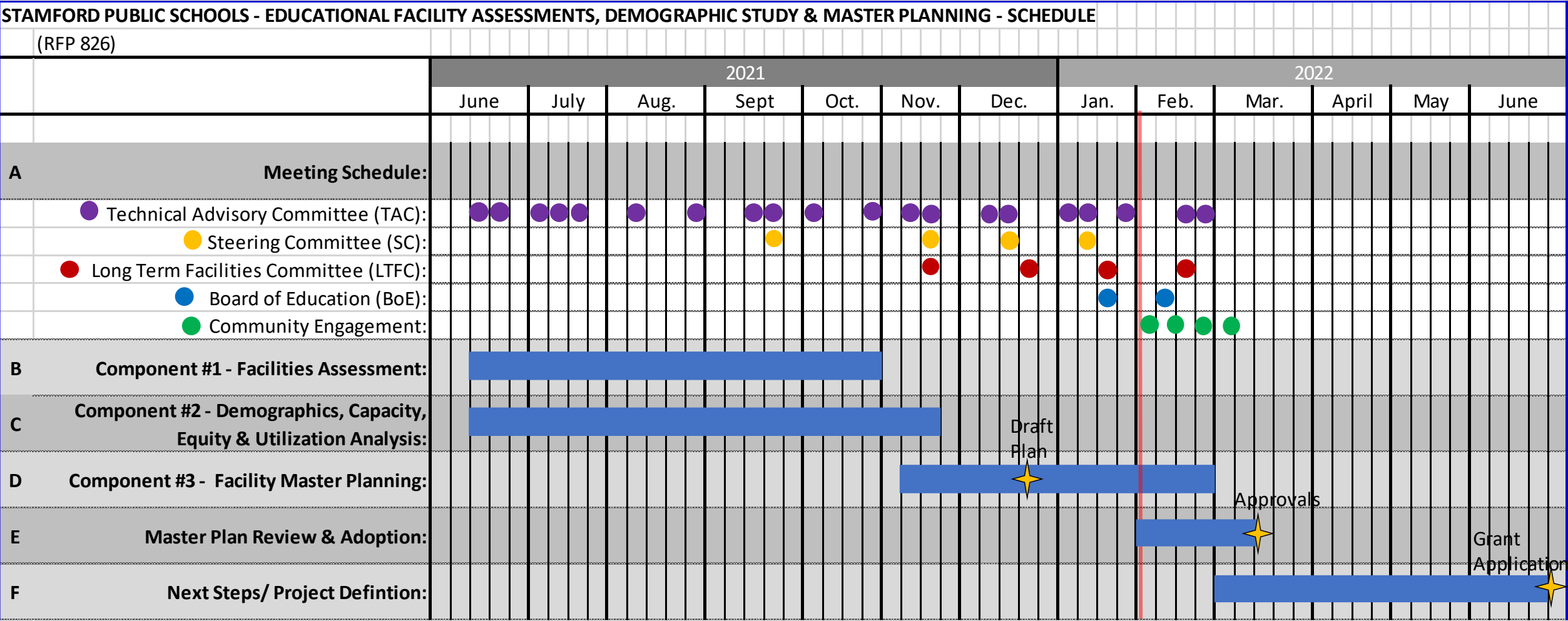
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We Listen and Learn and then We Create - OUR PROCESS

DISCOVERY : Getting to know You



Stamford Master Plan Schedule



FACILITY CONDITION ASSESSMENT - HIGHLIGHTS



Facility Condition Assessment Findings

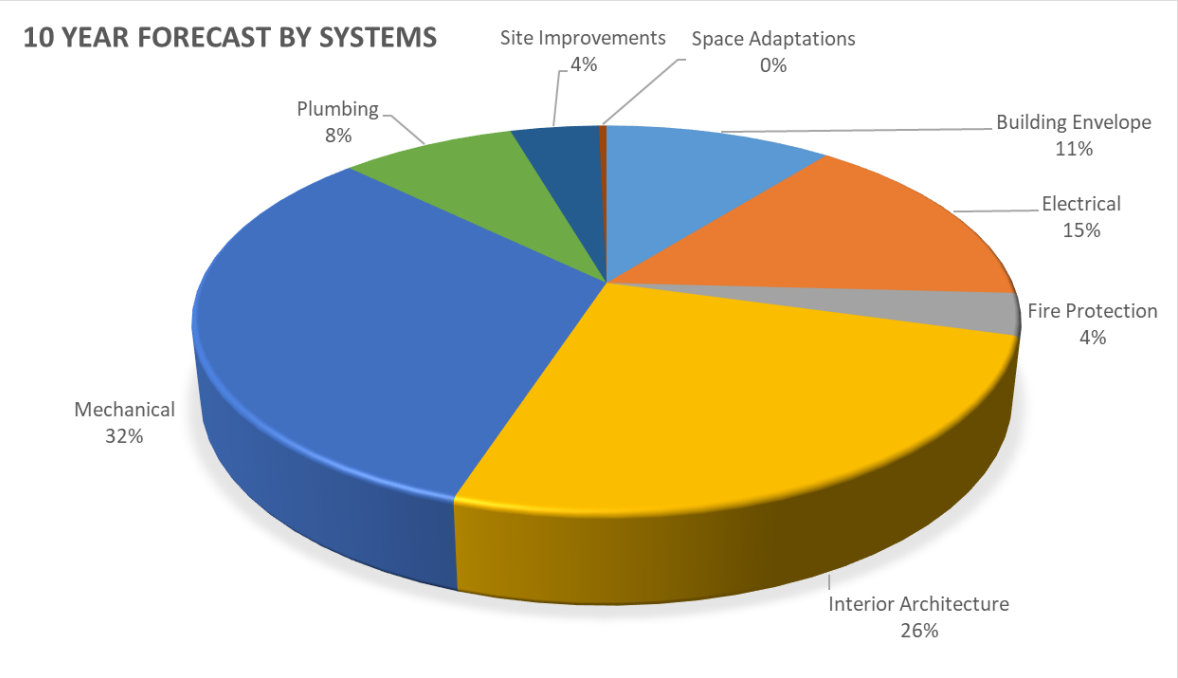
District-Wide 10 Year Forecast by Building Systems



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

			PRIORITY			
Building Name	Overall Cost / GSF	ROUNDED Imprvmt Cost	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%

(2021 Dollars) District-Wide Totals: \$ 669,024,000 0.2% 51.7% 23.6% 24.5%

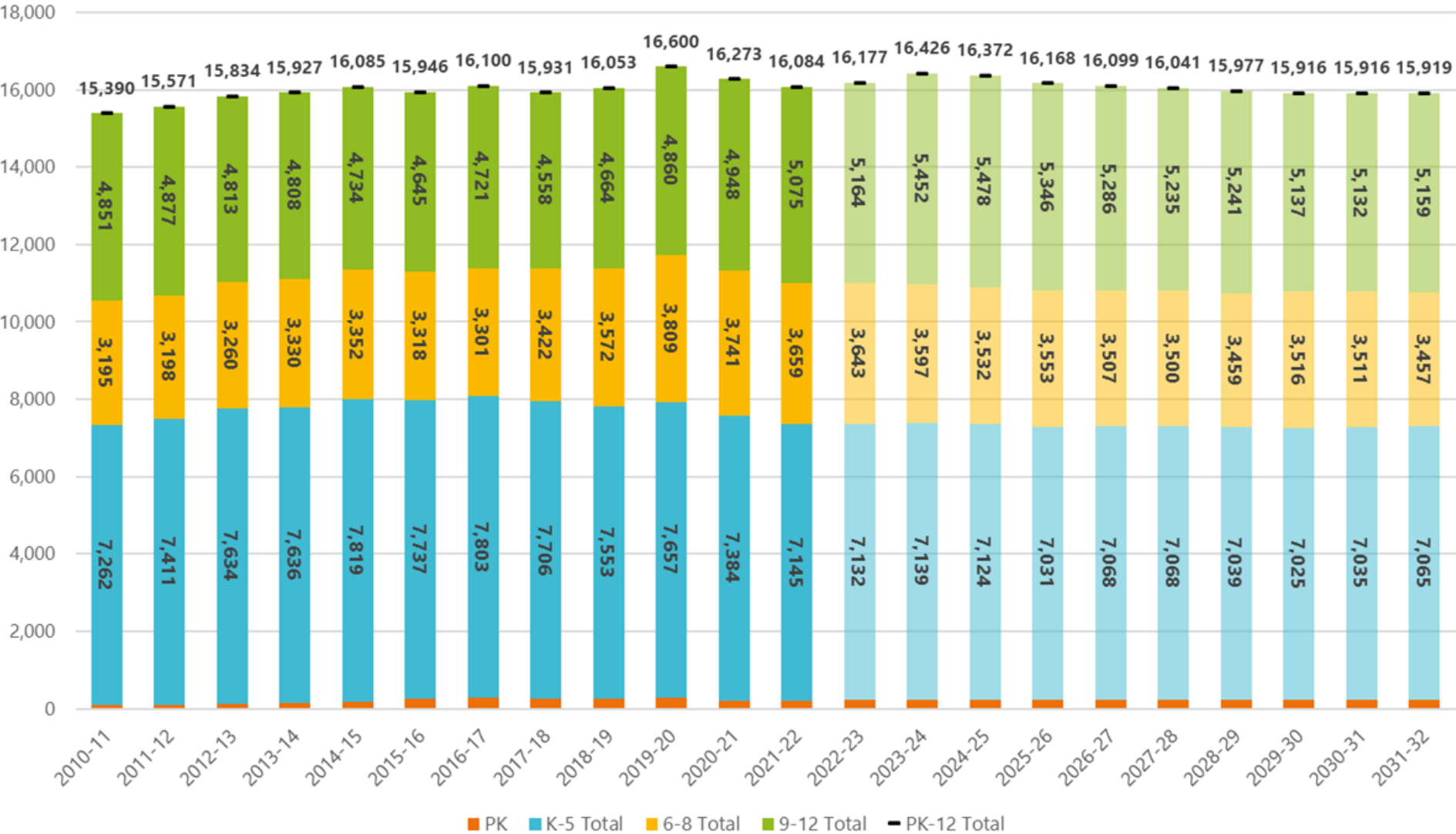
ENROLLMENT PROJECTION & CAPACITY- OVERVIEW



Enrollment & Demographic Study Summary



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



Capacity and Utilization – Elementary Schools

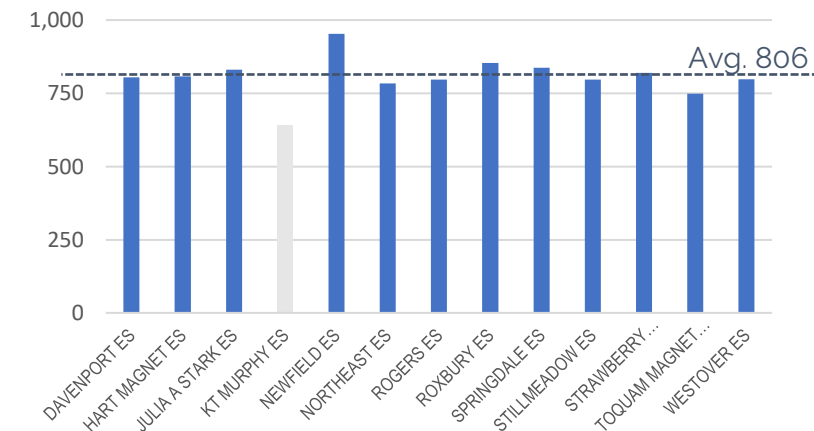


ELEMENTARY SCHOOLS		STUDY CAPACITY	
SCHOOL NAME	Current Enrollment 10/1/2021	Study Capacity	Variance from Study Capacity
DAVENPORT ES	611	729	118
HART MAGNET ES	532	635	103
JULIA A STARK ES	574	639	65
KT MURPHY ES	431	432	1
NEWFIELD ES	523	631	108
NORTHEAST ES	564	773	209
ROGERS ES	755	792	37
ROXBURY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

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



AVG. CLASSROOM SIZE



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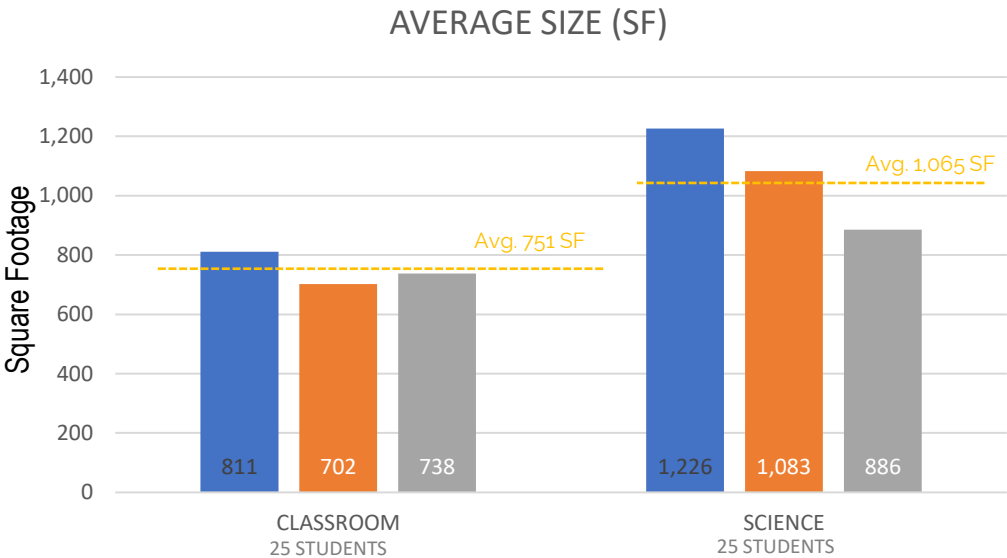
"Current Enrollment" are October 1, 2021 enrollment values reported to SDE.



Capacity and Utilization – High Schools



- AITE HS
- STAMFORD HS
- WESTHILL HS

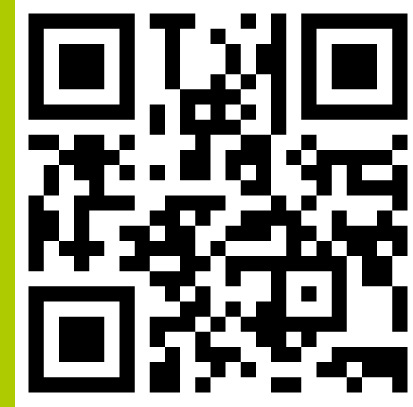


HIGH SCHOOLS		STUDY CAPACITY		
	Current Enrollment 10/1/2021	Study Capacity	Variance from Study Capacity	% Utilization by Study Capacity
AITE HS	625	599	-27	104%
STAMFORD HS	1,974	2,504	530	79%
WESTHILL HS	2,285	2,197	-88	104%
TOTALS	4,884	5,299	415	
	Provided by SLR		Study (D) -Current Enrollment	Current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



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

PLANNING SCENARIOS



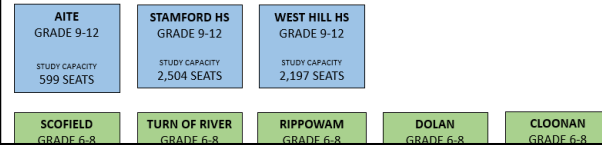
Master Planning Framework

- 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)

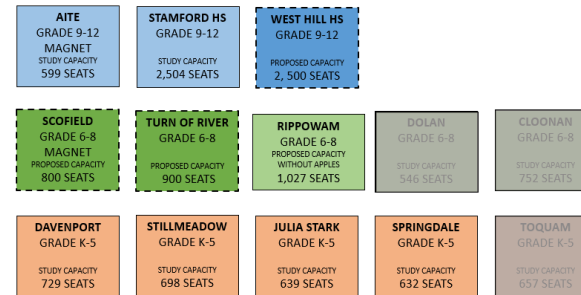
Scenario 1 – Status Quo Address Deferred Maintenance/ Capital Renewal



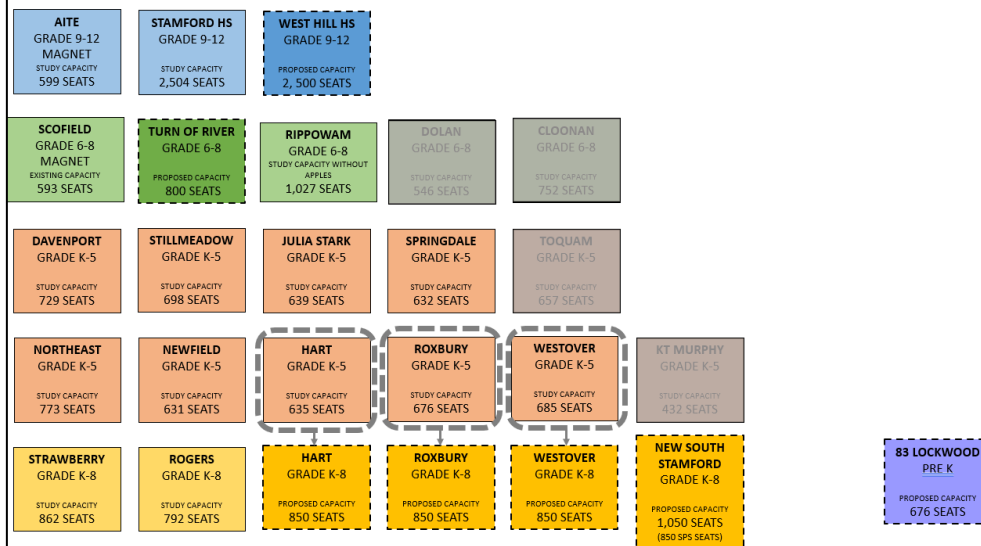
Scenario 2 – Status Quo Deferred Maintenance/Capital Renewal + Westhill HS & Early Learning Center



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



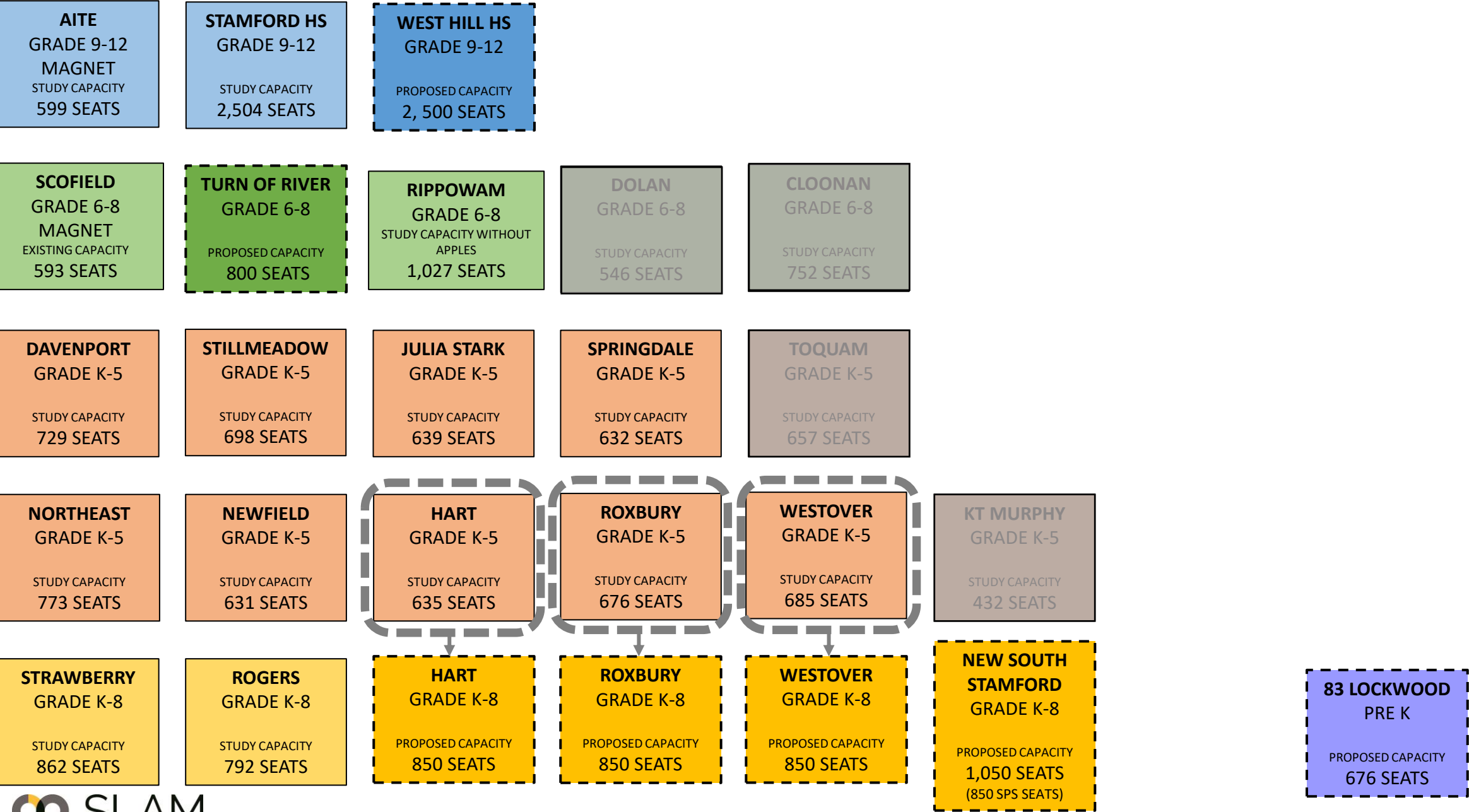
Scenario 4 – 19 School Alignment: Close 4, Build 1



83 LOCKWOOD
PRE K
PROPOSED CAPACITY 676 SEATS

83 LOCKWOOD
PRE K
PROPOSED CAPACITY 676 SEATS

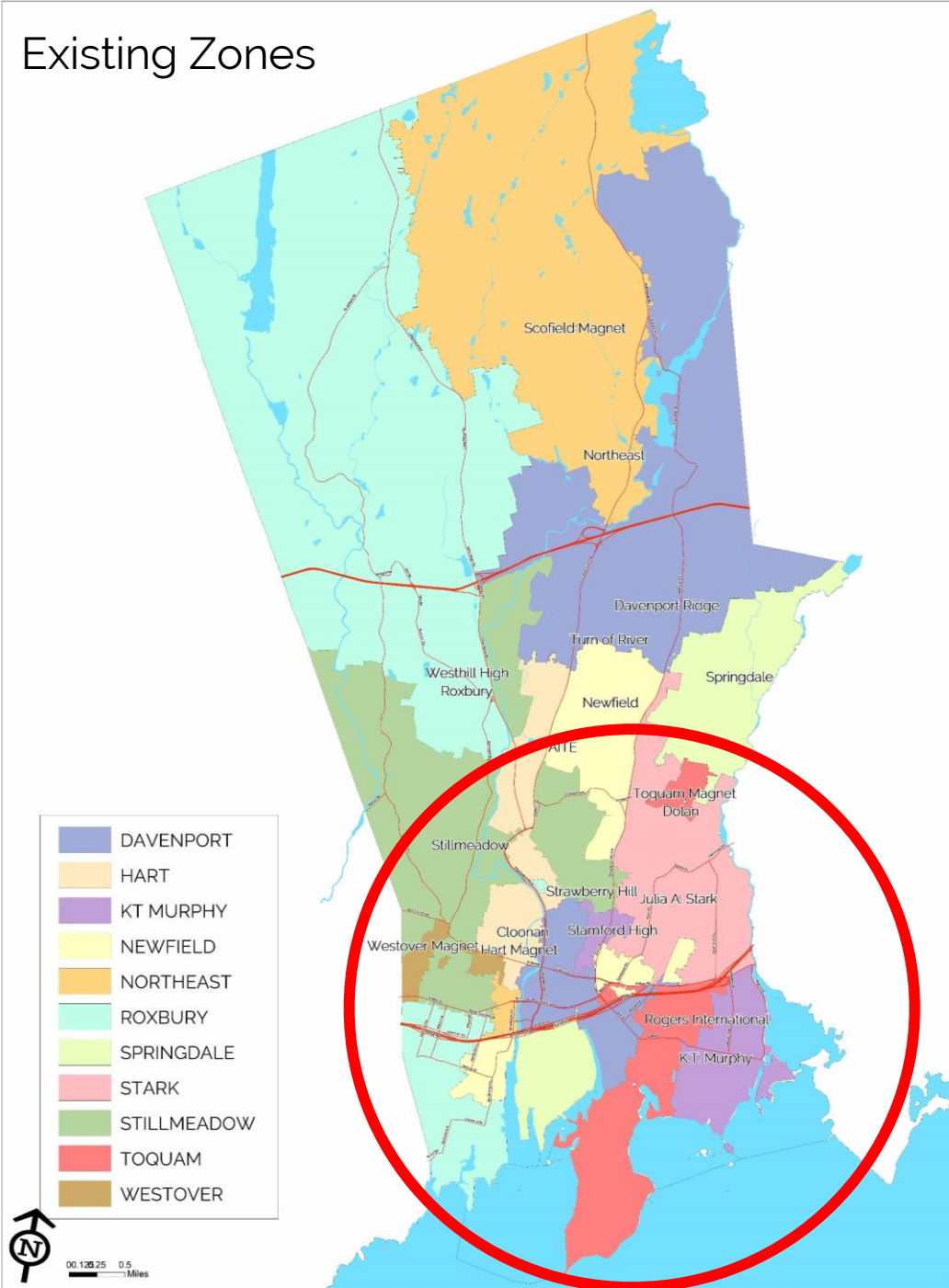
Scenario 4 – 19 School Alignment: Close 4, Build 1



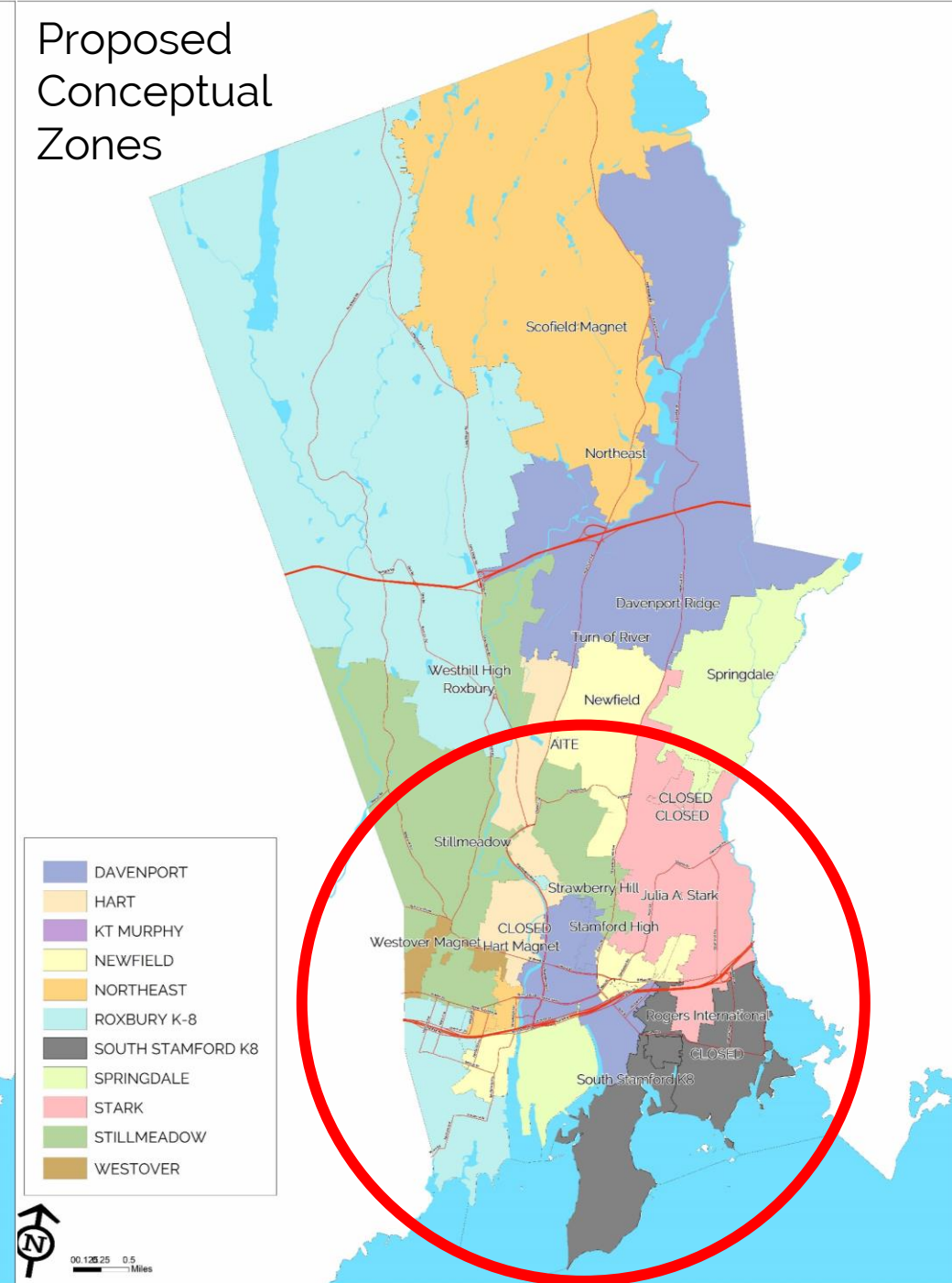
Scenario 4 – Elementary Schools

- Numerous attendance areas were conceptually adjusted to align enrollment to proposed capacity for the new alignment of the K-5 & K-8 Elementary Schools

Existing Zones

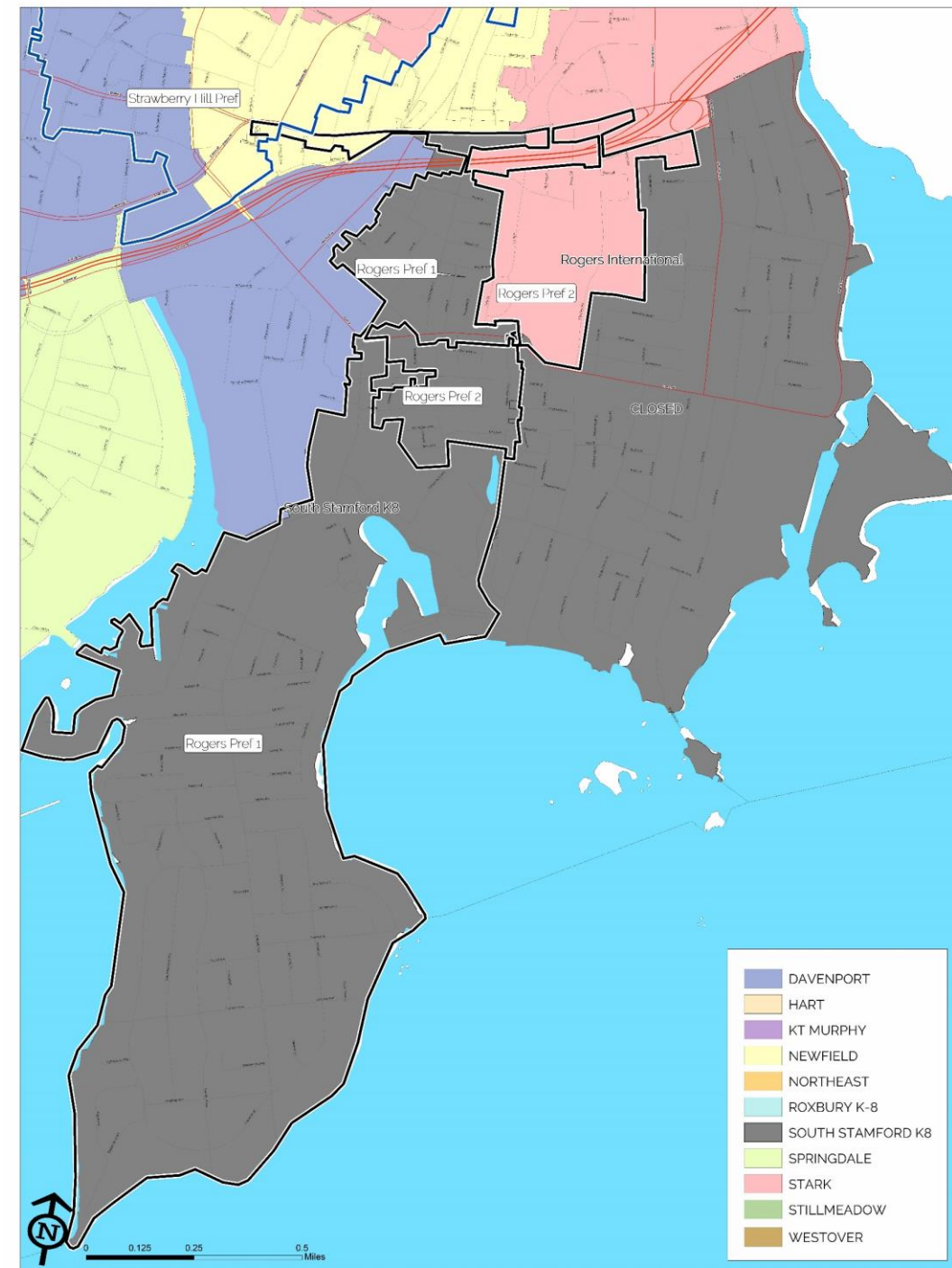


Proposed Conceptual Zones



Scenario 4 – “South Stamford K-8”

- Construct ~1,050 student (850 SPS) K-8 in “South Stamford” to support enrollment from Cove and Shippan Neighborhoods, close Toquam & KT Murphy
 - 25% enrollment coming from outside of Stamford.
- Conceptual Attendance Zone is shown on the map to the right.
- Toquam re-assigned to the following zones:
 - New South Stamford K8
 - Stark (northern half of Rogers Pref #2)
 - Newfield
- Requires increased attendance at Rogers: 50-55% of Toquam Students in Roger Pref. Zone #1 will attend Rogers to reduce the enrollment at the new K-8



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%

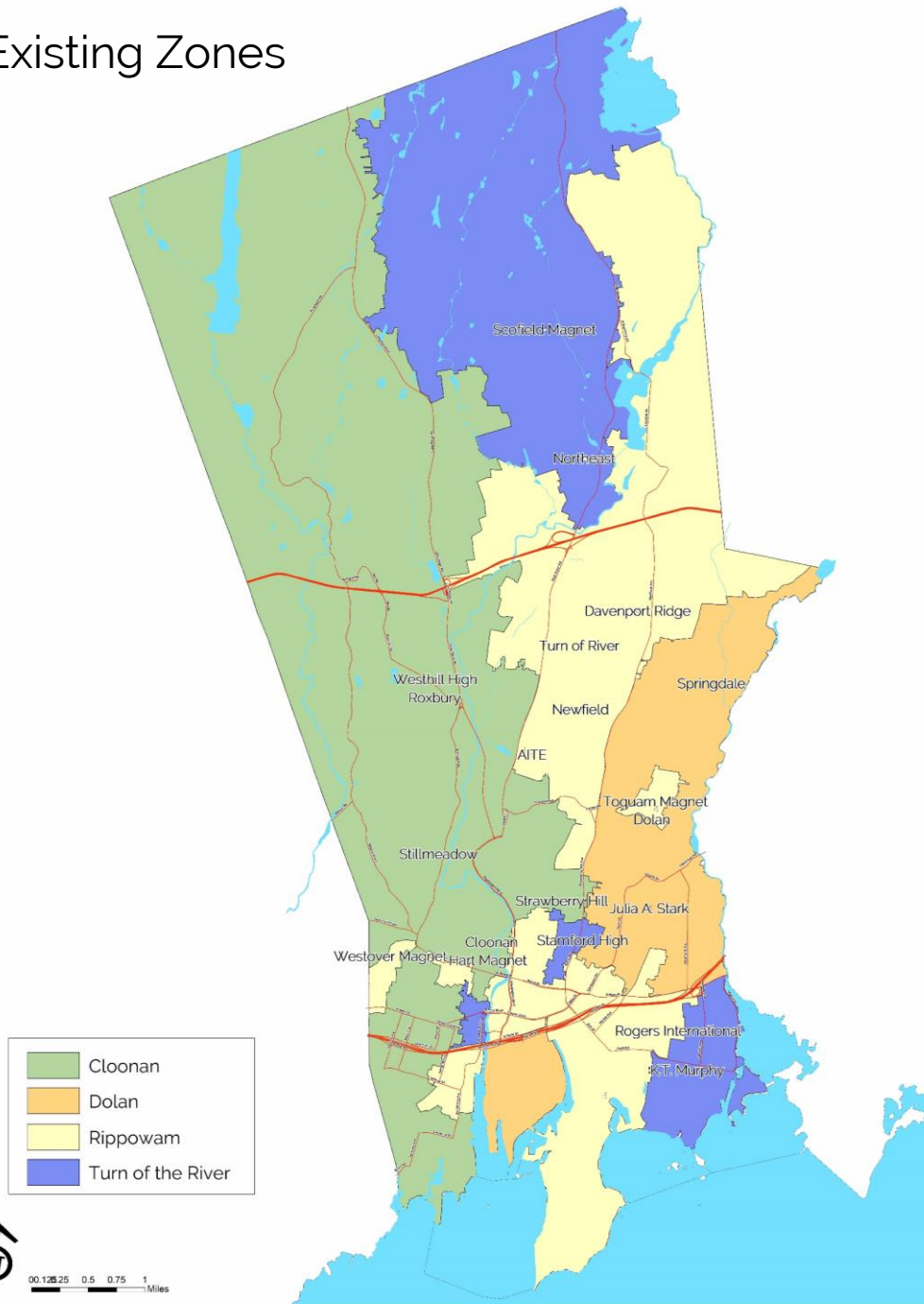
**Note K-5 totals slightly different than district totals due to out of district and outplacement*

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.

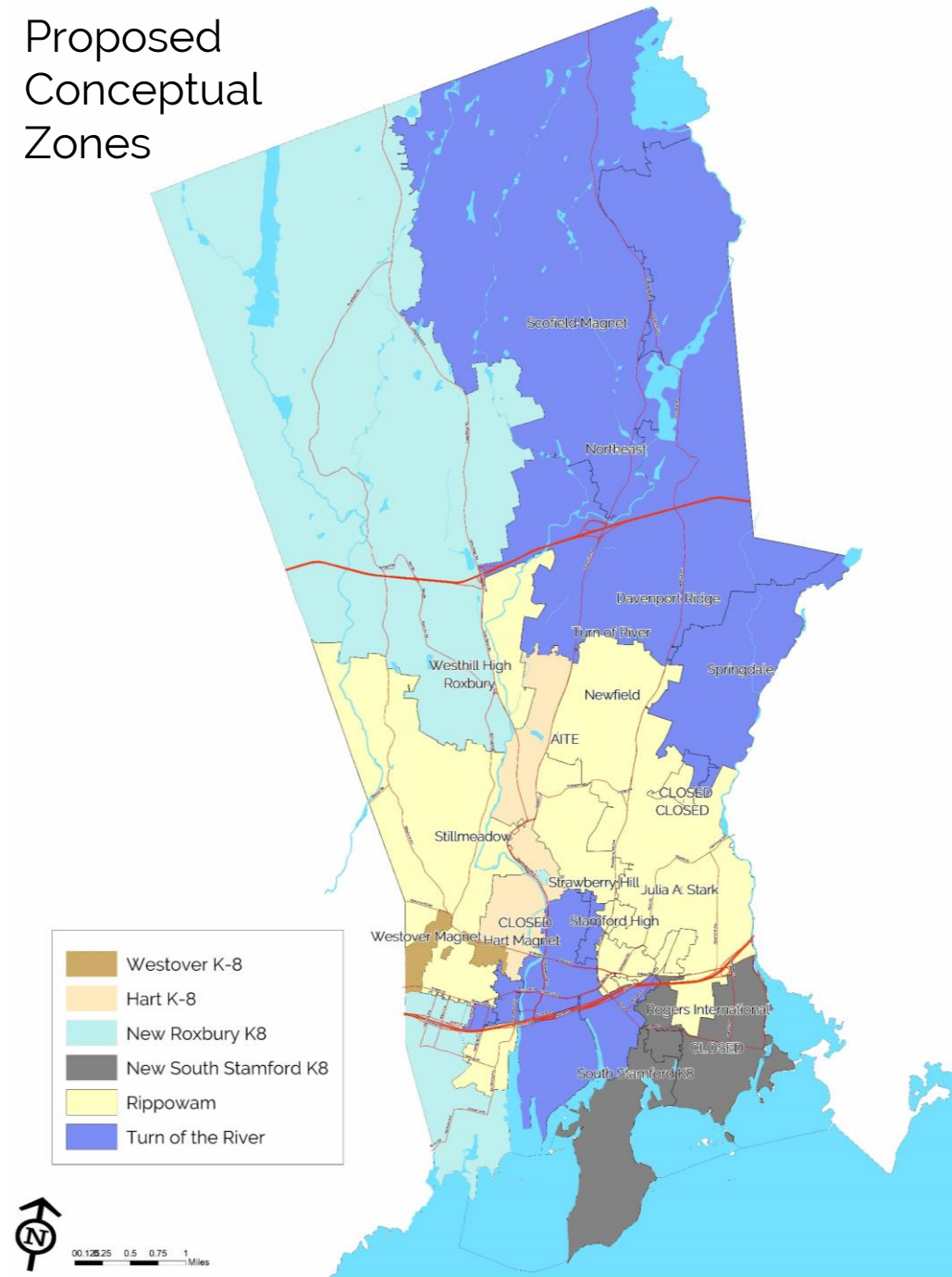
Scenario 4 – Middle Schools

- Numerous attendance areas were conceptually adjusted to align enrollment to proposed capacity for new alignment of the 6-8 & K-8 Schools

Existing Zones



Proposed Conceptual Zones



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 Neighborhood K8 at Roxbury
 - 3 Interdistrict K8 Magnets at Rogers, SH, and new South Stamford school
 - 2 Intradistrict K8 Magnets at Westover & Hart
- Based on conceptual attendance zones only, Turn of River enrollment was 950 and Rippowam at 875. Requires balancing through Strawberry Hill (SH).
- Currently, SH preference zone feeds only ~51%, and current total percentage is skewed towards Rip (51%) vs. TOR (31%).
- Table shows changes to Strawberry Hill enrollment draw and "Rollup" of 7th and 8th grade students. Below is weighted towards TOR (75%) and Ripp (25%).
- 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

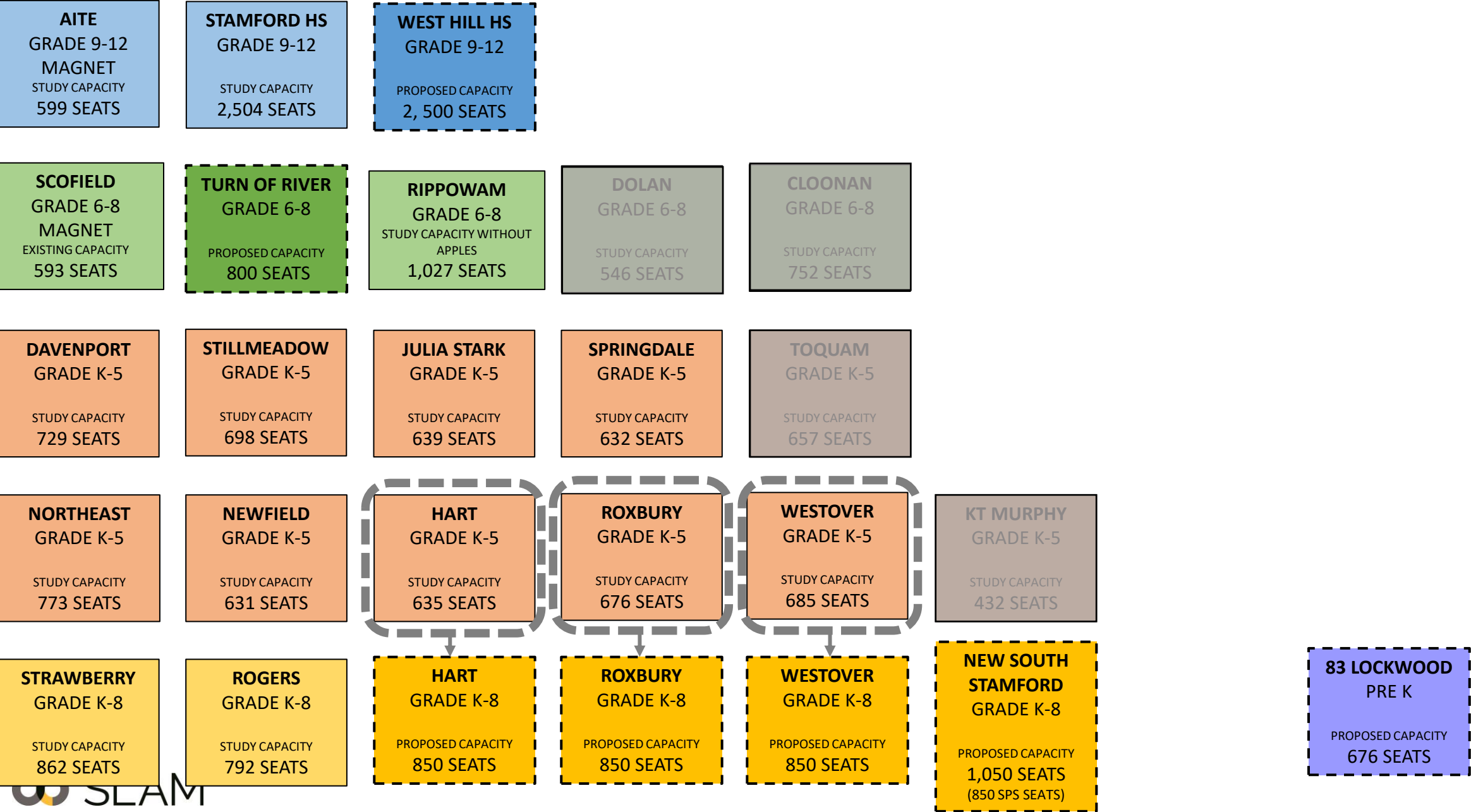
(3) Assumes Strawberry "Rollup" of 7th and 8th grade students is weighted towards TOR (75%) and Ripp (25%)

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

Scenario 4: ES & MS Enrollment Snapshot from 2021-22 Enrollment									
				Minority %		Free/Red. Lunch (FRL)		ELL %	
School	Scenario 4 Enrollment	Master Planning Capacity	Scenario 4 Overall Utilization	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



Scenario 4 – Implementation Schedule - Overall

SCHOOL NAME	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
PHASE I													
PHASE II													
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 - 19.25% + 15% R/I	Design	\$9.6M in 2028 dollars						
						New K-8, demo existing Cloonan for new K-8 site, cost includes Cloonan demo							
Julia A Stark (K-5)		Design \$5M (25% R/I)					Grant App - 10% + 25% R/I	Design	\$13.2M in 2021, \$16.2M 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	\$2.2M in 2021 grant app, includes escalation									
						Demo existing and new construction							
Newfield (K-5)		Design \$5M (25% R/I)					Grant App - 19.25% + 15% 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 \$5M (25% R/I)					Grant App - 19.25% + 15% R/I	Design	\$19.5M in 2021, \$23.5M in 2028 dollars				
		Mechanicals/ Electrical supporting mech/ Limited envelope							Modular Replacement/ Envelope balance/ Interior Arch/ Plumbing/ Electrical balance/ FA/ Site				
Rogers International									Design	\$2.2M in 2023, \$30 in 2030 dollars			
Roxbury (K-5)/ Convert to New Roxbury K-8 (850 seats)		Grant App - 29.25% + 15% R/I	Design	\$15M 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	\$22.2M 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	\$23.2M 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, \$2.6M in 2030 dollars			
									Deferred Maintenance				
Toquam Magnet (K-5)		Design \$14M (25% R/I)					CLOSE						
		Envelope/ Limited Mechanical (immediate needs)											
Westover Magnet (K-5)/ Convert to K-8 (850 seats) Intra-D Magnet								Grant App - 29.25% + 15% R/I	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	\$14.25M 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 \$6M (25% R/I)				Grant App - 29.25% + 15% R/I	Design	\$12M in 2021, \$19M in 2028 dollars					
		Limited Envelope/ Limited Mechanical (immediate IAO needs)							Extension & Alteration project to 900 student 6-8 facility/ Code/ Energy				
Scofield 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 - 29.25% + 15% R/I	Design	\$15.2M in 2026 dollars (phased, occupied construction)									
						Extension & Alteration project to 800 student 6-8 facility							
HIGH SCHOOLS													
AITE		Phase 22 Apprd							Grant App - 10% + 25% R/I	Design	\$30.5M in 2031 dollars		
		Limited Mechanical (immediate IAO needs)											
Stamford		Grant App - 29.25% + 15% R/I	Design	\$40M			Grant App - 29.25% + 15% R/I	Design	\$88M in 2030 dollars				
						Site project/ Limited Interior Arch/ Limited Mechanical/ DM							
Stamford Stadium		\$12M, Phase 22 Apprd									Design	\$4.8M in 2032 dollars	
Westhill		Grant App - 10%	Design	\$298M in 2021 grant app, includes escalation									
						Replacement HS/ Demo existing/ Site work							
Westhill Annex (VoAg)									Design	\$13.4M in 2021, \$20M in 2030 dollars			
ALTERNATIVE													
Anchor			\$1M										
						Architectural interior upgrades							

ELEMENTARY & K-8

MIDDLE

HIGH

ALT

ELEMENTARY & K-8

MIDDLE

HIGH

ALT

Scenario 4 – Implementation Schedule - Elementary

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

Scenario 4 – Implementation Schedule – Middle, High & Alternative

				PHASE 1			PHASE II								
SCHOOL NAME	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033		
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 (2% R/I)		Grant App - 29.29% + (3% R/I)	Design		\$53M in 2021, \$65M in 2028 dollars							
		Limited Envelope/ Limited Mechanical (immediate IAQ needs)				Extension & Alteration project to 900 student 6-8 facility/ Code/ Energy									
Scofield Magnet (6-8) Intra-D Magnet		Design	\$3.5M (2% R/I)						Grant App - 10% + (2% R/I)	Design		\$20M in 2031 dollars			
		Limited Mechanical (immediate IAQ needs)				Envelope balance/ Interior Arch/ Plumbing/ Electrical balance/ FA									
Turn of River (6-8)/ Extension/ Alteration to 800 seat (6-8)		Grant App - 29.29% + (3% R/I)	Design		\$45.7M in 2025 dollars (phased, occupied construction)										
		Extension & Alteration project to 800 student 6-8 facility													
HIGH SCHOOLS															
AITE			FY21-22 Appvd						Grant App - 10% + (2% R/I)	Design		\$32.6M in 2031 dollars			
		Limited Mechanical (immediate IAQ needs)													
Stamford		Grant App - 29.29% + (3% R/I)	Design	\$40M				Grant App - 29.29% + (3% R/I)	Design		\$88M in 2030 dollars				
		Site project/ Limited Interior Arch/ Limited Mechanical/ DM													
Stamford Stadium			\$1.5M, FY21-22 Appvd									Design	\$2.6M in 2032 dollars		
Westhill	Grant App - 95%	Design		\$258M in 2021 grant app, includes escalation											
		Replacement HS/ Demo existing/ Site work													
Westhill Annex (VoAg)									Design		\$13.4M in 2021, \$16M in 2030 dollars				
ALTERNATIVE															
Anchor			\$1M												
		Architectural interior upgrades													

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.)

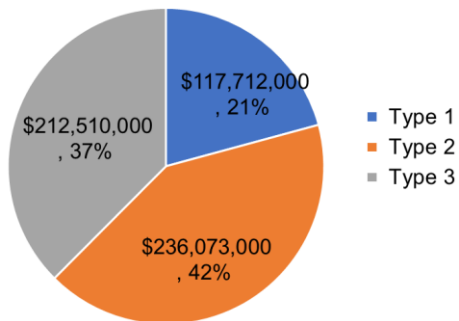
- Applies approved City funds identified for school improvements
- Excludes:
 - Technology equipment upgrades since funded separately
 - Furniture and other loose equipment
- Cost avoidance for deferred maintenance by closing 4 schools. Avoided costs are invested in the re-structuring plan resulting in a reduced footprint district-wide and 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

Local Share Distribution*

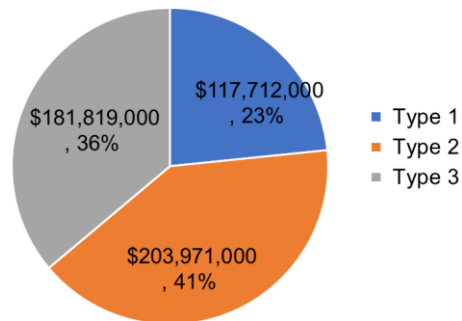


Total: \$ 566,295,000

Tier 2 (80% of FCA items):

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

Local Share Distribution*

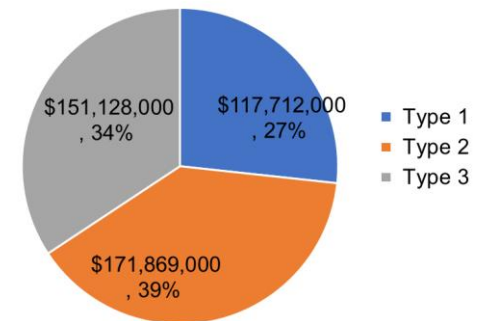


Total: \$ 503,502,000

Tier 3 (60% of FCA items):

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

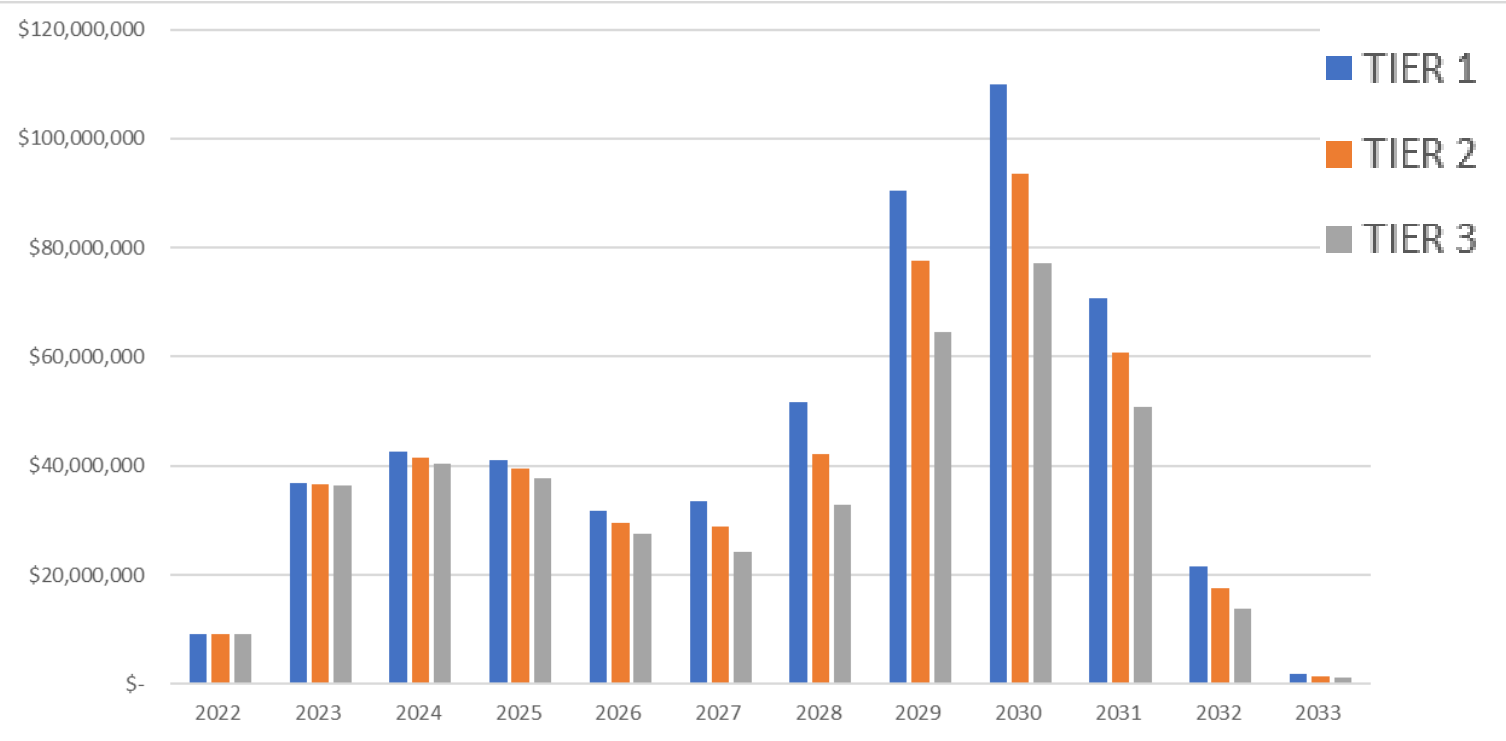
Local Share Distribution*



Total: \$ 440,709,000

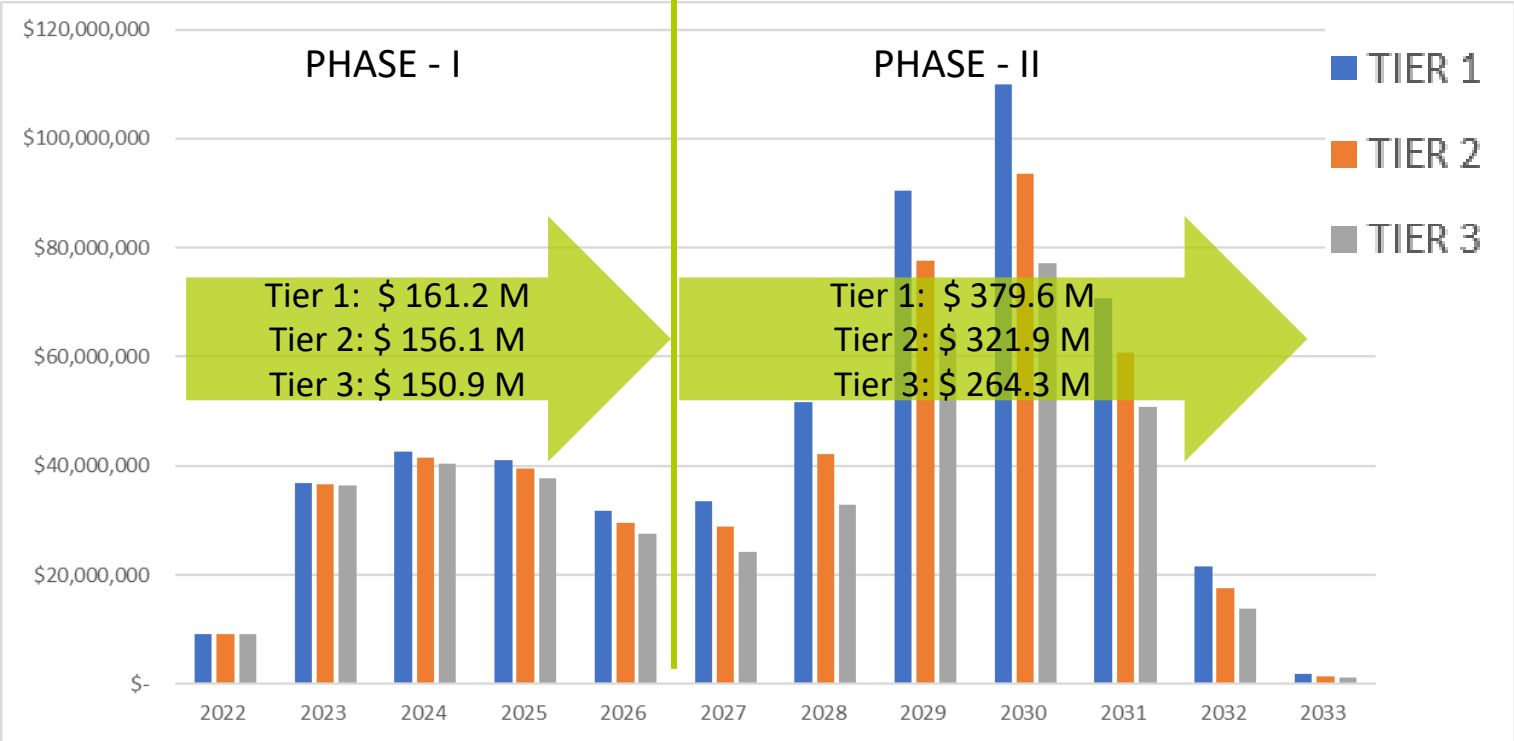
Scenario 4 – Capital Funding Forecast – Year over Year LT Bonding

	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



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

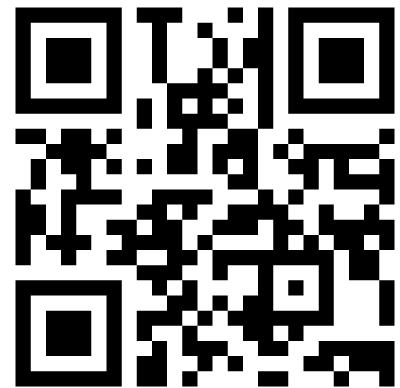
NEXT STEPS



Facility Master Planning – Community Engagement

- Make the 11/18/21 and 2/3/22 LTFC Meetings available:
 - Via SPS website and possibly other outlets
- Create Survey-Monkey link and post to SPS website
 - Posted in multiple languages
- Will notify families through weekly message and Remind app
- Schedule a series of community group meetings in February and early March to discuss feedback

 **Mentimeter**

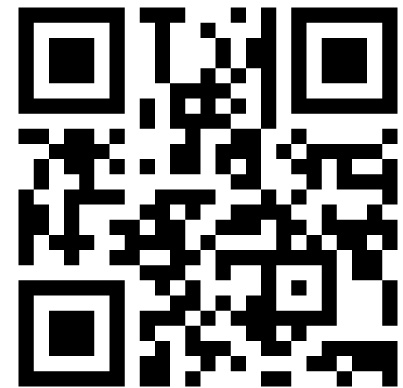


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QUESTIONS?



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