



Cherry Hill
PUBLIC SCHOOLS

**Proposed Bond Referendum October 6, 2022
Presentation**

GA
GARRISON ARCHITECTS

713 Creek Road

Bellmawr, NJ 08031

Telephone (856) 396-6200

Facsimile (856) 396-6205

Please visit us on the web at www.garrisonarch.com



AGENDA

1. **Clara Barton Elementary School**
2. **Cost Estimate Summaries**
3. **Pie Chart**
4. **Bond Referendum Schedule**



CHERRY HILL SCHOOL DISTRICT

CLARA BARTON ELEMENTARY SCHOOL

50,043 SF 1966, 1995, 2000

Site

	Qty	Unit Cost	Cost Estimate
Site Improvements - ADA Compliance, Site Drainage, Paving, Signage, etc., Playground Enhancements/Replacement (District Consultant)		Lump Sum	\$1,535,600
25% Soft Costs (A/E Fees, Contingency, CM, Legal, etc.)			\$383,900
		Estimated Total	\$1,919,500

Exterior Renovations

Roof Replacement (1995/2000 Addition) - Remove to Deck (Assume 10% Deck Replacement), New Insulation, Modified Roof System	9,020 SF @	\$35	\$315,700
New Front Canopy and Existing Columns - (Exterior Doors) Repainting at Main Entrance		Lump Sum	\$210,000
Exterior Door, Hardware, Frame Replacement	6 @	\$10,000	\$60,000
Masonry Repairs - Window Lintels, Windows, Caulking, etc.		Lump Sum	\$350,000
		Subtotal	\$935,700
25% Soft Costs (A/E Fees, Contingency, CM, Legal, etc.)			\$233,925
		Estimated Total	\$1,169,625

Interior Renovations

Main Entrance Enhancements/Reconfiguration - Principal's Office, Kitchen, Nurses Suite, ADA Compliance, etc.	1,740 SF @	\$200	\$348,000
Classrooms Flooring - New VCT Flooring & Base, Library, Music Room and Painting	20,000 SF @	\$12	\$240,000
Corridor Ceiling Replacement and Painting Walls	7,450 SF @	\$20	\$149,000
Classroom Folding Wall Partition - Replace with Metal Studs and Drywall	2 @	\$5,000	\$10,000
New Interior Fire-Rated Doors, Frames, Closers, ADA Modifications, Intruder Hardware	101 @	\$4,000	\$404,000
Renovate Unisex Classroom Toilet Rooms - Finishes, Fixtures, ADA Compliance	9 @	\$50,000	\$450,000
Teacher's Lounge - Replace Finishes, Sink, Cabinets, Stove and Refrigerator		Lump Sum	\$50,000
Library - Replace Finishes, Lights, etc.		Lump Sum	\$175,000
New ADA Compliant Interior Signage	50,043 SF @	\$1	\$50,043
Cafeteria - Demolish Stage, Replace Finishes, New Ceilings		Lump Sum	\$200,000
Hazardous Materials Abatement - VAT, Pipe Insulation, etc. (District Consultant)		Lump Sum	\$200,000
		Subtotal	\$2,276,043
25% Soft Costs (A/E Fees, Contingency, CM, Legal, etc.)			\$569,011
		Estimated Total	\$2,845,054



CHERRY HILL SCHOOL DISTRICT

CLARA BARTON ELEMENTARY SCHOOL

50,043 SF 1966, 1995, 2000

Building Systems

HVAC Construction

	Qty	Unit Cost	Cost Estimate
Replace Existing Boilers, Controls, Pumps, Valves, etc. in the 2000 Section	2 @	\$50,000	\$100,000
New Unit Ventilators - Remove Existing Perimeter Units, New Unit Ventilators with New Air Conditioning (APR), New Perimeter Hot Water Radiation, Book Shelving, etc.		Lump Sum	\$1,627,691
Exhaust Fans - Replace Rooftop Units	16 @	\$2,500	\$40,000
HVAC Replacement (6) Split Systems		Lump Sum	\$85,000
HVAC Replacement - 2000 Section Fan Coil Units with Condensers	6 @	\$25,000	\$150,000
Replacement of the Pneumatic Energy Management System with New DDC Electronic Controls	50,043 SF @	\$6.00	\$300,258
		Subtotal	\$2,302,949
		25% Soft Costs (A/E Fees, Contingency, CM, Legal, etc.)	\$575,737
		Estimated Total	\$2,878,686

Electrical Construction

Security System - Door Access Controls/CCTV/Expansion		Lump Sum	\$97,253
Replace PA System, Clock System and Technology		Lump Sum	\$106,154
Power/Lighting Branch/HVAC Panel Upgrades	4 @	\$25,000	\$100,000
		Subtotal	\$303,407
		25% Soft Costs (A/E Fees, Contingency, CM, Legal, etc.)	\$75,852
		Estimated Total	\$379,259

New Construction

New All-Purpose Room, Stage, Storage, etc.	9,515 SF @	\$350	\$3,330,250
Kitchen Addition - Expand in Front of School	210 SF @	\$500	\$105,000
		Subtotal	\$3,435,250
		25% Soft Costs (A/E Fees, Contingency, CM, Legal, etc.)	\$858,813
		Estimated Total	\$4,294,063



CHERRY HILL SCHOOL DISTRICT

CLARA BARTON ELEMENTARY SCHOOL

50,043 SF 1966, 1995, 2000

	Total Estimated Cost	ACTUAL State Share	Local Share
Site Work	\$1,919,500	(\$767,800)	\$1,151,700
Exterior Renovations	\$1,169,625	(\$467,850)	\$701,775
Interior Renovations	\$2,845,054	(\$1,138,022)	\$1,707,032
HVAC Construction	\$2,878,686	(\$1,151,474)	\$1,727,212
Electrical Construction	\$379,259	(\$151,704)	\$227,555
New Construction - All Purpose Room and Kitchen Addition	\$4,294,063	(\$556,270)	\$3,737,793
Total	\$13,486,187	(\$4,233,120)	\$9,253,067
		31%	69%

Renovations = Architect's estimate of eligible projects @ 40% State Aid
 New Construction – Eligible Square Footage x \$143/SF @ 40% State Aid



CHERRY HILL SCHOOL DISTRICT

CLARA BARTON ELEMENTARY SCHOOL

50,043 SF 1966, 1995, 2000

Site Improvements - ADA Compliance, Site Drainage, Paving, Signage, etc.,
Playground Enhancements/Replacement (District Consultant)

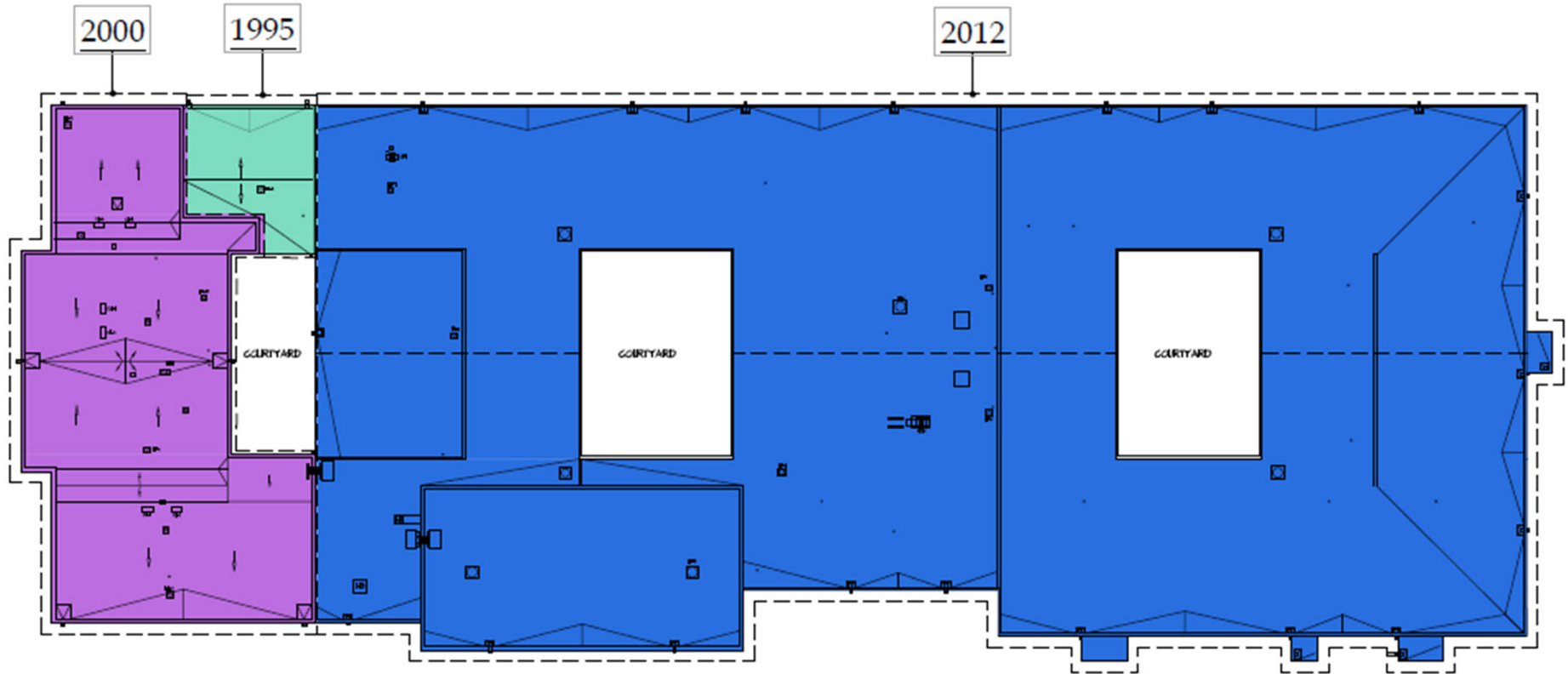




CHERRY HILL SCHOOL DISTRICT

CLARA BARTON ELEMENTARY SCHOOL

50,043 SF 1966, 1995, 2000



1 ROOF PLAN
RPI.0 SCALE: 1/32" = 1'-0"



CHERRY HILL SCHOOL DISTRICT

COST SUMMARIES

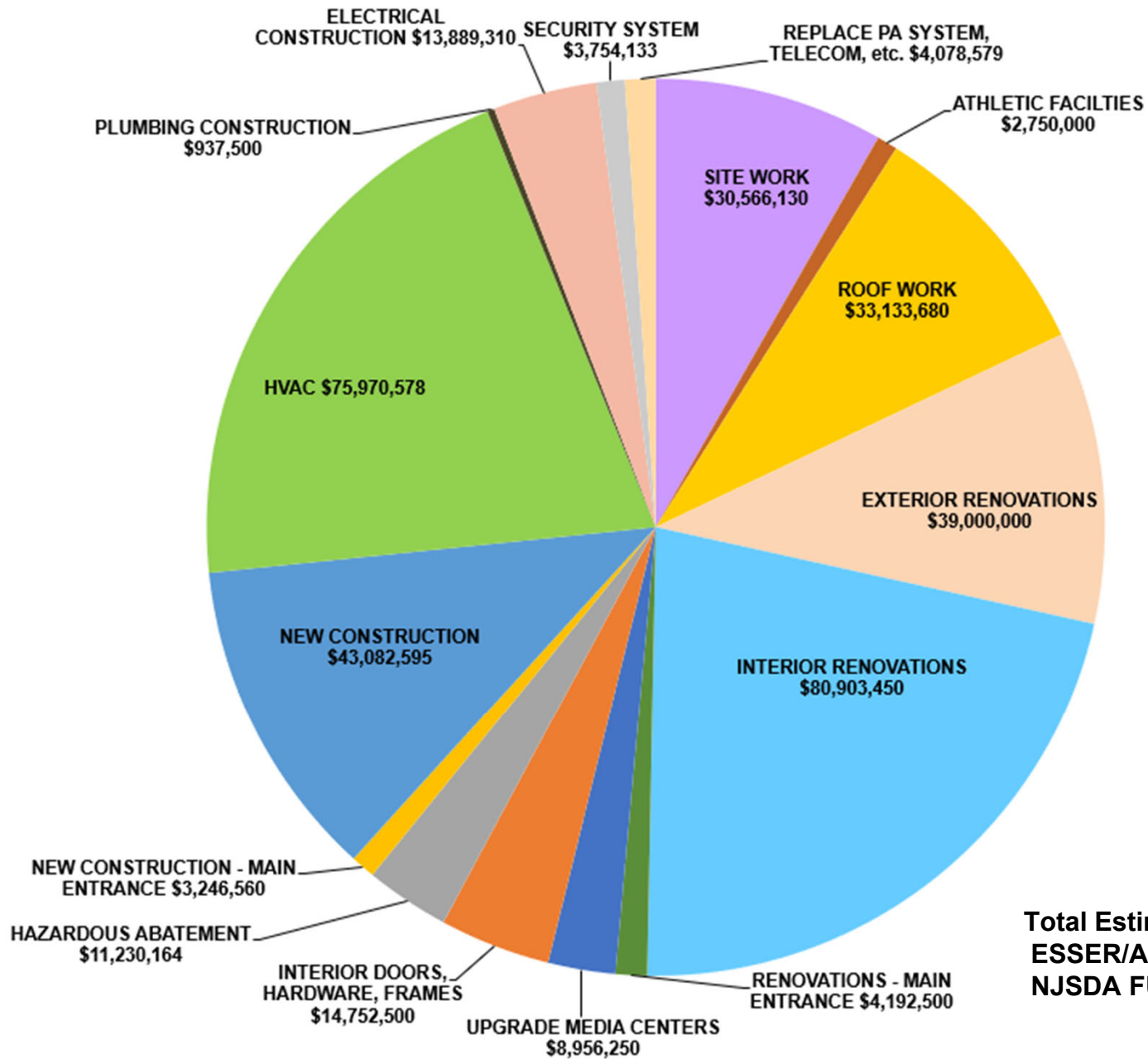
	Total Estimated Cost	ACTUAL State Share	Local Share
Estelle V. Malberg Early Childhood Center	\$6,148,290	(\$2,459,316)	\$3,688,974
Clara Barton Elementary School	\$13,486,187	(\$4,233,120)	\$9,253,067
J.F. Cooper Elementary School	\$7,496,163	(\$2,998,465)	\$4,497,698
Bret Harte Elementary School	\$10,041,096	(\$3,688,679)	\$6,352,417
James Johnson Elementary School	\$12,629,734	(\$3,931,026)	\$8,698,708
Joyce Kilmer Elementary School	\$9,907,505	(\$3,963,001)	\$5,944,504
Kingston Elementary School	\$15,612,333	(\$5,016,279)	\$10,596,054
A. Russell Knight Elementary School	\$12,238,820	(\$3,414,714)	\$8,824,106
Horace Mann Elementary School	\$11,845,713	(\$3,539,081)	\$8,306,632
Thomas Paine Elementary School	\$7,050,232	(\$2,820,093)	\$4,230,139
Joseph D. Sharp Elementary School	\$12,873,286	(\$3,713,853)	\$9,159,433
Richard Stockton Elementary School	\$8,826,581	(\$3,307,799)	\$5,518,782
Woodcrest Elementary School	\$9,649,813	(\$3,859,925)	\$5,789,888
Henry C. Beck Middle School	\$19,178,513	(\$7,671,405)	\$11,507,108
John A. Carusi Middle School	\$37,300,040	(\$14,170,015)	\$23,130,025
Rosa International Middle School	\$16,816,287	(\$5,367,779)	\$11,448,508
Cherry Hill High School East	\$88,189,000	(\$30,644,738)	\$57,544,262
Cherry Hill High School West	\$64,597,979	(\$25,589,191)	\$39,008,788
Arthur Lewis Alternative HS & Admin Building	\$6,556,357	(\$2,622,544)	\$3,933,813
TOTAL	\$370,443,929	(\$133,011,023)	\$237,432,906
		35.91%	64.09%
ESSER/ARP FUNDS	(\$6,269,829)		
NJSDA FUNDS - 2022 HVAC	(\$263,000)		
	\$363,911,100	(\$133,011,023)	\$230,900,077
		36.55%	63.45%
Tax Impact Per Year on \$ 363.9 M Total Cost with \$4 M Capital Contribution	Average Assessed Home	*actual at 85%	31.07%
\$399.65	\$225,473		

Renovations = Architect's estimate of eligible projects @ 40% State Aid
 New Construction – Eligible Square Footage x \$143/SF @ 40% State Aid

Tax Impact based on 4% over 20 years as
 calculated by the District's financial advisor.



CHERRY HILL SCHOOL DISTRICT



Total Estimated Cost: \$370,443,929
 ESSER/ARP FUNDS: (\$6,269,829)
 NJSDA FUNDS: (\$263,000)
TOTAL: \$363,911,100



Bond Referendum Proposed Schedule

Event	Responsible Party				Minimal Critical Timing	Bond Referendum Date
	Architect	School District	Bond Counsel	Other		
Building Program/Scope Schematic Design Update LRFP	• • •	• • •				2020 - 2022
Architect submits to NJ DOE	•				N/A	January 2022
LRFP Revise and Resubmit	•				N/A	January 2022
NJDOE Issues PEC Offer	•	•	•		N/A	March 31, 2022
NJDOE issues FEC					N/A	April 30, 2022
Board Approves Special Election		•			60 Days	August 7, 2022
Filing of Supplemental Debt Statement				Auditor	60 Days	August 7, 2022
Co-Muni Clerk, Board of Elections Notice		•			60 Days	August 7, 2022
Planning Board Submission/Meeting	•	•			55 days	August 12, 2022
Publication of Vote by Mail Notices			•	Clerk	50 days	August 17, 2022
Certified Proposal (Questions) Statement to County Clerk		•	•		21 Days	Sept. 15, 2022
Publication and Posting of Notice of Special Election			•	Board of Elections	10 Days	Sept. 26, 2022
Furnishing of Sample Ballots			•	Clerk	8 Days	Sept. 28, 2022
Obtain Certification of Grade Level Instruction			•		1 Day	October 5, 2022
Special Election				Board of Elections		October 6, 2022