AGENDA

1. Why Improvements Now?
2. What WE Have Been Able to Do This Year
3. The Process
4. District-Wide Facility Assessment Findings
5. Why Take on Debt?
6. Why Don’t We Just Build New Schools?
7. Renovation is the Fiscally Responsible Answer
8. Specific District Wide Needs Project Lists
9. District-Wide Assessment Project Costs - Pie Chart
10. How We All Benefit
11. Next Steps
Why Improvements Now?

Our schools have been underfunded for decades

WE have made do with the money we have, focusing on program excellence

All buildings are in need of system updates

Our most recent major improvements, funded by a Bond passed in 1999, took place in 2005

The Bond Referendum to improve our buildings in 2018 did not pass

WE must move forward with another improvement plan
CHERRY HILL SCHOOL DISTRICT

What WE have been able to do this year ***

HVAC Select Equipment Replacements - District-Wide in key areas – along with new head end DDC Controls - ongoing

District-wide Interior LED Lighting and Ceiling Replacements - complete

ADA Access Improvements - Outdoors (2021) Woodcrest Elementary and High School West - complete

Stockton Elementary (2021) Roof & HVAC Systems Replacement - complete

Partial Roof & HVAC Systems Replacements (2021) at Harte, Johnson, Paine Elementary Schools and Rosa Middle School - complete

Emergency Generator Replacement (2021 - 2022) at Mann, Harte, Paine Elementary Schools & Rosa Middle School - ongoing

*** The District paid 100% of the costs for these projects.
The Process By Our District Architectural & Engineering Firms

- Site Visits and Field Surveys of the School Facilities
- Evaluation of Facility Needs
- Identification of Specific Schools’ Needs to Include Essential Health and Life Safety Building Systems
- Proposed Facility Solutions & Systems Replacements
- Estimate of Probable Costs
District-Wide Facility Assessment Findings -- Our Overall Needs:

- HVAC: Heating/Ventilation/AC - Improve Indoor Air Quality

- ADA - Exterior Site Work and Interior Work Including Bathrooms

- ELEMENTARY SCHOOLS: Site Work - Circulation, Playgrounds, Specialized Space Renovations, Instructional Media Centers, APR’s

- MIDDLE SCHOOLS & HIGH SCHOOLS: Site Work - Circulation, Specialized Space Renovations/Reconfiguration - Instructional Media Centers, Science Labs, Robotics, STEAM, Auditoriums, Gymnasiums, etc.

- Security - Expanded systems

- Technology and IT - Investing in new expanded infrastructure for 21st Century learning challenges
Why take on debt to improve our schools?

New Jersey helps fund school projects ONLY via Debt Service Aid. We must incur debt or borrow money in order to get money from the State.

The District currently is carrying ZERO debt.

The state of NJ will fund 40% of the eligible costs of the money we borrow for improvements.

The State will not allow school districts to carry over significant money to replace building systems from year to year.
Why don’t we just build new schools?

- New construction is penalized

- The cost of new construction varies from region to region: between $350/square foot and $400/square foot

- The State only pays a maximum of **40%** of “eligible costs” based on $143/square foot new construction formula
Renovation is the fiscally responsible answer

• Costs are not penalized

• The state pays 40% of “eligible costs” of renovations, based on the architect’s estimate, including soft costs, for all renovations

• State Aid = Significant cost savings for Taxpayer + getting our “fair share”

*Bottom line: NJ Districts that complete projects through Bond borrowing capture significant cost advantage.*

Boilers and related equipment
HVAC Equipment - chillers, UV’s, RTU’s, etc
LED Lighting Upgrades
Specific District-Wide Improvements

**Site**
- Site Improvements - ADA Compliance, Site Drainage, Paving, Signage, etc., Playground Enhancements/Replacement (District Consultant)
- New Parking Lot Improvements - Expansion/Circulation - Separating Bus from Vehicles
- Paved Play Area Reconstruction(s) and Recreation Spaces
- New LED Monument Sign(s) at Each School Site
- Outdoor Patio’s and Sun Shades

**Exterior Renovations**
- Roof Replacement - Remove to Deck (Assume 10% Deck Replacement), New Insulation, Modified Roof System
- Front Canopy Reconstruction or New Entrance Defining Canopies
- Exterior Door, Hardware, Frame Replacement - Security/ADA
- Exterior Window Replacement
- Masonry Repairs - Pointing, Window Lintels, Windows, Caulking, etc.
- Facade Repairs - Remove/Replace Metal Panels, Dryvit Repairs/Replacements
Specific District-Wide Improvements

**Interior Renovations**

Main Entrance Enhancements could include Main Office Reconfiguration, Principal's Office, Kitchen, Nurses Suite, ADA Compliant Staff Bathrooms, etc.

Flooring Replacement - Classrooms, Main Offices, Library, Gym, etc. - New VCT Flooring, Carpet Tile, and Gym Floors

New Classroom Cabinetry along Corridor or Perimeter Walls, New Mobile Units

New Corridor LED Lighting and Ceiling Replacement and Painting Walls

Classroom Folding Wall Partition(s) - Replace with Metal Studs and Drywall

New Interior Fire-Rated Doors, Frames, Closers, ADA Modifications, Intruder Hardware

Renovate Hall, Unisex Staff & Classroom Toilet Rooms - Finishes, Fixtures, ADA Compliance

Teacher's Lounge - Replace Finishes, Sink, Cabinets, Stove and Refrigerator

New ADA Compliant Interior Signage (All Buildings)

All Purpose Room/Cafeteria - Demolish Stage, Replace Finishes, New Ceilings, New LED Lighting

Science Lab Reconfigurations/Renovations - Finishes, New Ceilings, New LED Lighting, Casework

Library - Replace Finishes, New Furniture, Lights, etc. (Instructional Media Centers)

Gymnasium(s) - Replace Finishes, New Ceilings, New LED Lighting, Bleachers, etc.

Locker Room Reconfigurations/Renovations - Finishes, Lockers, etc.

New or Elevator(s) Modernization - ADA Compliance, etc. (Harte, Sharp, Rosa MS, West HS)

Hazardous Materials Abatement - VAT, Pipe Insulation, Plaster Wall Surfaces etc. (All Buildings)
Building Systems

**HVAC Construction**
- Classroom Unit Ventilators - Remove Existing Perimeter Units, New Unit Ventilators with New Air Conditioning, New Perimeter Hot Water Radiation, Book Shelving, etc. (All Buildings)
- HVAC System Replacement(s) Split Systems, AHU's, RTU's, Cabinet Heaters, etc. (All Buildings)
- Exhaust Fans - Replace Rooftop Units
- Introduction of Enhanced Air Cleaning/Filtering Systems
- Replacement of the Pneumatic Energy Management System with New DDC Electronic Controls
- Kitchen Equipment Replacement (Select Pieces)

**Electrical Construction**
- Security System - Door Access Controls/CCTV/Upgrade/Expansion
- PA System, Telecommunications, Clock System, Alyssa's Law Compliance
- Main Electrical Service - New/Upgrades
- Power/Lighting Branch/HVAC Panel Upgrades
- Convenience Outlets add to Classrooms
- Fire Alarm System - Replacement with Addressable System, ADA Compliant (Kingston, Carusi MS, East & West HS)
- Emergency Generator(s) - New/Upgrade Gas Fuel Source (Select Schools)

**Plumbing Construction**
- Replace Domestic Hot Water Heater, Storage Tank, Modify Piping Loop
- Replace Existing Water Fountains with New ADA Compliant Electric Water Coolers/Bottle Fillers (All Buildings)

**New Construction**
- New All Purpose Rooms - Barton, Johnson, Kingston, Knight, Mann and Sharp
- New Main Entrance Enhancements - Harte, Stockton, Rosa MS
- Specialized Spaces - Rosa MS Cafetorium, East HS Aux. Gym and Career Labs
CHERRY HILL SCHOOL DISTRICT

Total Estimated Cost: $396,330,232
CHERRY HILL SCHOOL DISTRICT
ELEMENTARY SCHOOL

Existing

Kilmer Elementary School
# Bond Referendum Proposed Schedule(s)

<table>
<thead>
<tr>
<th>Event</th>
<th>Responsible Party</th>
<th>Schol Dist</th>
<th>Bond Couns</th>
<th>Other</th>
<th>Minimal Critical Timing</th>
<th>Bond Referendum Date 1</th>
<th>Bond Referendum Date 2</th>
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<tbody>
<tr>
<td>Building Program/Scope, Schematic Design, Update LRFP</td>
<td>Architect</td>
<td>School</td>
<td>Bond</td>
<td>Other</td>
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<td>2020 - 2022</td>
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<td>Architect submits to NJ DOE</td>
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<td>District</td>
<td>Counsel</td>
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<td>N/A</td>
<td>January 2022</td>
<td>March 2022</td>
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<td>LRFP Revise and Resubmit</td>
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<td>NJDOE Issues PEC Offer</td>
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<td>September 2022</td>
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<td>NJDOE issues FEC</td>
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<td>July 2022</td>
<td>October 2022</td>
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<td>Board Approves Special Election</td>
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<td>60 Days</td>
<td>July 29, 2022</td>
<td>October 13, 2022</td>
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<td>Filing of Supplemented Debt Statement</td>
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<td>60 Days</td>
<td>July 29, 2022</td>
<td>October 13, 2022</td>
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<td>Co-Muni Clerk, Board of Elections Notice</td>
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<td>October 13, 2022</td>
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<td>Planning Board Submission/Meeting</td>
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<td>55 days</td>
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<td>Publication of Vote by Mail Notices</td>
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<td>Clerk</td>
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<td>Certified Proposal (Questions) Statement to County Clerk</td>
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<td>21 Days</td>
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<td>November 21, 2022</td>
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<td>Publication and Posting of Notice of Special Election</td>
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<td>Board of</td>
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<td>Furnishing of Sample Ballots</td>
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<td>Elections</td>
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<td>Obtain Certification of Grade Level Instruction</td>
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<td>Board of</td>
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