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# Verona Board of Education

Referendum Presentation

November 26, 2013

# 2013 – 2018 Strategic Plan

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## Strategy #6

Provide upgraded, sustainable buildings, grounds and technical infrastructure.

**Result #1:** Ensure that the district's technology infrastructure and tools are current and sustainable to realize a 21<sup>st</sup> century learning environment and meet State of New Jersey technology requirements through the development of an actionable, long-term, funded technology plan.

**Result #2:** Improve energy efficiency and reduce utility costs.

**Result #3:** Enhance the safety and security of school facilities.

**Result #4:** Increase district O&M spending in line with the state median to ensure long term sustainability and enable cyclical replacements and upgrades.

**Result #5:** Fund ongoing capital improvements.

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# Project Summary & Approach

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2005 Needs Assessment  
\$67mm of improvements



2005 referendum = \$33mm  
of highest priorities only

## 2013 Plan

- Determined the next highest priorities from 2005, plus items identified since then.
  - Engineers evaluated the various projects to define effort & cost.
  - Scope of work includes:
    1. Building repairs to masonry, walkways, etc.
    2. Extending technology network
    3. Improving building security
    4. Remediation of VHS field
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# Referendum Timeline

★	Spring 2013 - November	Architect, engineers and district personnel develop list of potential referendum items
★	September 2013	DOE submittals for ROD Grant consideration mailed to state
★	November 2013	DOE Review of submittals
	December 2013	District will receive DOE ROD Grant Award Letter
	January 2014	Letter sent to County Clerk requesting them to conduct a special referendum election
	March 11, 2014	Special Referendum Election
	Spring 2014	Develop bid documents and bid drawings
	Summer 2014	Bid openings and Board approves low bids
	Fall 2014	Construction can begin for certain projects not effecting instruction

# Technology Upgrade Summary

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- Network Upgrades and New Wireless Infrastructure
  - Switch upgrades to replace Legacy/Unsupported Switches
  - Wireless installation at all schools (includes cabling and installation)
- Wiring for 5 Labs at Verona High School
- Phone System Upgrades
  - Current system is outdated and unsupported (new server and software needed)
  - Classroom Phones for High School
- Install back up solution
  - Includes offsite backup at second school
- Budget \$671,000

Note: These upgrades will also provide necessary improvements for PARCC readiness

# Security Improvement Summary

## District Wide

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- 97 door cameras for all buildings
- 53 external cameras that point at door entrances and other strategic locations around all buildings
- 89 interior cameras in hallways
  
- New "Visitor Management System" for all schools
  - Each school will have a system to sign in guests. Information will be connected with state systems to crosscheck for criminals, etc...
- 34 doors will have a swipe door access control system
- 97 doors will have contact monitoring. Staff will be able to view and be notified if a door is left open
  
- Budget \$995,000
  
- Total Technology and Security Budget \$1,666,000

# Verona High School

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Referendum 2014- \$7,873,045

- Building Repair

- Music room addition.
- Replacement/Repair of heating and cooling systems.
- Ceiling and lighting replacement/repair.
- Sidewalk replacement, paving loop in front of building and driveway in back of building, masonry repairs, kitchen upgrade and bleacher replacement.

- Technology upgrades

- Security

- 19 exterior door replacements.
- Install 28 door cameras. 12 doors will have proximity access. Security cameras in every hallway. Protective film on ground level windows.

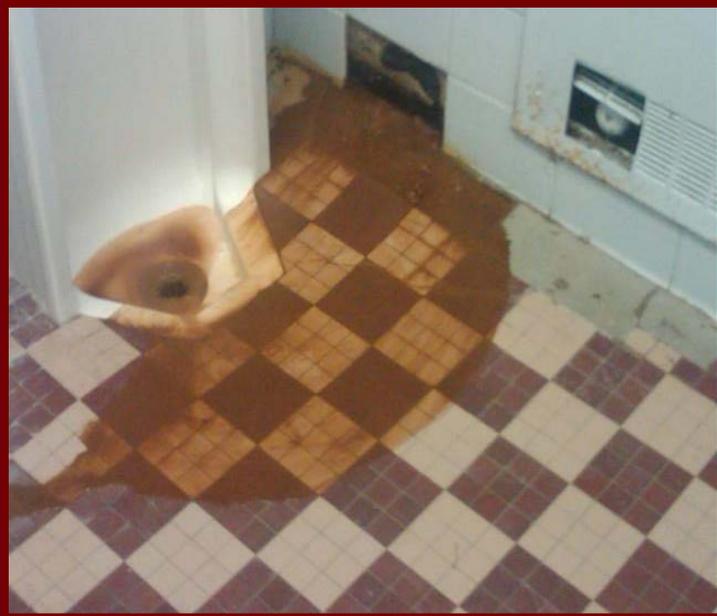
- VHS Field/Grounds

- Multi-purpose field repairs and turf, additional tennis court and expand parking lot.
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# Verona High School

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Plumbing is aged, deteriorating and leaking below the floor throughout the building.



Ceilings from 1960's. Tiles are falling.



# VHS Mechanical Systems

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Two pumps were leaking and the valves for the pump were not holding 100% of the water levels. Rebuilt two pumps and replaced water lines.



Rooftop unit



Boilers are over 30 years old. Useful life of boilers is 20-25 years



Gym air handlers circa 1956



# Verona High School

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Adding on to the music room because the program has outgrown the space.

The current space is 1,460 sq. ft.



VHS sidewalks and asphalt are trip hazards



# KITCHEN RENOVATIONS

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# VHS Multi-Purpose Field

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VHS Field is build on unstable and inappropriate landfill material

**Well shaft that was exposed in August 2012**



**Debris found just below surface**



**Large concrete sections, rebar, construction debris**



**Field was closed for use in October 2013 after sink hole appeared**



# H.B. Whitehorne Middle School

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Referendum 2014 \$881,576

- Building Repair
  - Sidewalk replacement
  - Pave parking lot in rear of building
  - Masonry repairs
  - Kitchen upgrade
  
- Technology upgrades
  
- Security
  - 8 exterior door replacements.
  - 18 door cameras. 7 doors will have proximity access. Security cameras in every hallway.
  - Protective film on ground level windows.

# H.B. Whitehorne Middle School

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Exterior doors are being replaced.  
They are rusting and have the  
original wood frames.



## Masonry Repairs



Sidewalks are  
cracking and are in  
need of repairs



# F.N. Brown School

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Referendum 2014 \$423,930

- Building Repairs
  - Paving back of building and side parking area of building.
  - Partial fire alarm replacement.
  
- Technology upgrades
  
- Security
  - 15 exterior door replacements. 16 door cameras. 4 doors will have proximity access. Security cameras in every hallway. Protective film on ground level windows.

# F.N. Brown School

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**Exterior doors have the original wood frames and wire caging**



**Asphalt paving the entire back of school and staff parking area on the side of the building**



# Forest Avenue School

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Referendum 2014 \$434,648

- Building Repairs
  - Paving front and back of building
  - Sidewalk replacement
  - Masonry repairs
  - Partial fire alarm replacement
  
- Technology upgrades
  
- Security
  - 8 exterior door replacements. 9 door cameras. 3 doors will have proximity access. Security cameras in every hallway. Protective film on ground level windows.

# Forest Avenue School

## Asphalt paving, sidewalk and masonry repairs



# Brookdale Avenue School

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Referendum 2014 \$218,539

- Building Repairs
  - Masonry repairs
  - Bleacher replacement in gym
  
- Technology upgrades
  
- Security
  - 9 exterior door replacements. 12 door cameras. 3 doors will have proximity access. Security cameras in every hallway. Protective film on ground level windows.

# Brookdale Avenue School

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**Brick façade separating  
from building**



**Vertical Cracks have  
been caulked but  
continue to fail**



# Laning Avenue School

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Referendum 2014 \$36,960

- Technology upgrades
- Security
  - 4 exterior door replacements. 14 door cameras. 5 doors will have proximity access. Security cameras in every hallway. Protective film on ground level windows.

# Laning Avenue School

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**Exterior doors are rusted and rotting**



# Estimated Project Costs

By School

By Project

High School	7,873,045
Multi-Purpose Field	5,416,226
Technology and Security all Schools	1,666,000
H.B. Whitehorne	881,576
F.N. Brown	423,930
Forest	434,648
Brookdale	218,539
Laning	36,960
<b>Total Project</b>	<b>16,950,924</b>

Asphalt Paving Replacement	486,217
Bleacher Replacement	221,878
Ceiling & Lighting Replacement	940,430
Exterior Door Replacement	637,380
Field	5,416,226
Partial Fire Alarm Replacement	70,714
Kitchen Upgrades	680,389
Masonry Repairs	491,083
Mechanical Upgrade	3,852,580
Music Room Addition	1,551,417
Security (Promedia est. \$995,000 and vestibule upgrades at 5 schools \$422,774)	1,417,774
Sidewalk Replacement	295,750
Technology (Promedia est. \$671,000, Back up generator \$218,086)	889,086
<b>TOTAL</b>	<b>16,950,924</b>

# Beyond this Referendum

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What is not included...

All “non-essential” remediation identified in the 2005 Needs Assessment Report.

Approximately 40% of the High-Priority items in the current “5-year” Facilities Needs Plan:

- FNB & HBW Boilers, District-wide Roof replacement, Renovation of grades K & 1 bathrooms, VHS interior door replacements.
  - FNB & HBW exterior painting, Laning & Forest flooring replacement.
  - Natural field maintenance (All)
  - Replacement of various machinery & vehicles
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# In Summary

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- The project focus is on high-priority improvements reported in the 2005 Needs Assessment along with priorities identified since.
- Scope includes Building Repairs, Technology Expansion, Security Improvements & VHS Field Remediation.
- Engineering is complete & preliminary documentation has been filed. Cost estimates nearly finalized.
- Intention is to gather necessary state and Board approvals in order to schedule public referendum in March 2014.
- If referendum is passed, some projects will begin in the fall of 2014, and others in the spring of 2015.

# Appendix A: Referendum 2006 Summary

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## VHS Referendum 2006- \$6.3 million

Construction included additional classrooms, renovation of 5 science labs, art room and auditorium. Additions to the cafeteria and music room storage. Electrical and plumbing upgrades. New Board and Special Services offices. Security lighting and handicap parking.

## HBW Referendum 2006 \$7.3 million

Renovations to classrooms, ADA ramps in the building, new guidance and nurses offices, 5 new classrooms, 2 science labs, new media center, 3 new restrooms, elevator, constructed a connecting hallway between the annex and the main building. Upgrades to hvac, fire system and sprinklers, lighting and electrical, masonry, plumbing and ceiling repairs. Repaving and sidewalk repair. Strip and repaint façade and cupola.

## F. N. Brown Referendum 2006 \$2 million

New construction included 4 classrooms, restrooms, cafeteria, media center and main office. Renovations to the music room, art room, faculty room, restrooms and nurses office.

# Appendix A: Referendum 2006 Summary

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## Forest 2006 \$1 million

Renovated basement area to convert it from offices to classrooms. Work included plaster, retiling, lighting, HVAC and plumbing repairs. Upgrades included electrical, brick repointing and sealing, drop ceilings, drainage remediation and fire-rated doors.

## Brookdale 2006 \$3.7 million

New construction included 4 classrooms, restrooms, cafeteria, media center and main office. Renovations to the music room, art room, faculty room, restrooms and nurses office. Constructed an elevator for ADA purposes.

## Laning 2006 \$6.1 million

3 additions to building provides a new preschool wing, media center, computer lab, 2 bathrooms, gymnasium and 2 general education classrooms. Renovations to the music room, main office and nurses office. Security lighting and upgrade to communications system.