



# Patchogue-Medford UFSD

## Smart Schools Investment Plan Phase II & III



# Smart Schools Bond Act Overview

- The Smart Schools Bond Act (SSBA) was passed as part of the New York State 2014-15 Enacted Budget
- This act authorized the issuance of \$2 billion of general obligation bonds to finance educational technology and infrastructure to improve learning and opportunity for students
- Each school district will receive an allocation of the \$2 billion Smart Schools that is proportionate to the district's share of total formula based school aid in the 2013-14 school year.
- Patchogue-Medford School District Allocation is \$ 6,047,604



# SSBA Overview Continued...

## Objectives for the Smart Schools Bond Funding:

- Advance the use of technology in public and non-public schools and close the digital divide by improving internet access and wireless connectivity
- Acquire learning technology equipment, devices, or facilities
- Construct, enhance and modernize educational facilities pertaining to Pre-Kindergarten programs and instructional space
- Install high-tech security features in school buildings

# Status of Phase I

Project	Status
High School Infrastructure	Complete
Teacher MacBook's	Complete
HS Media Arts Labs	Complete
Middle School's PC / iMac Labs	50% Complete
Non-Public School Devices	Complete
Elementary Library Laptops	Complete
Eno Board Projector Replacements	Ongoing
Elementary Classroom and Lab Upgrades	Planning Stages





# Status of Phase I (continued)

- Actively pursuing reimbursement of completed projects
  - Approx. \$950,000 of \$2,040,742 has been reimbursed
- Monitoring changes in guidance and requirements for SSIP
- District continues to meet technology requirements (i.e. bandwidth)
- Smart Schools Investment Plan continues to align with the approved tech plan survey





# SSIP Review Process by NYSED

1. Initial Review – upon submission through NYSED web portal
2. Program Area Review – Office of Facilities Planning & Ed. Tech.
3. Expenditure Review
4. Smart Schools Board Review – meets periodically (quarterly)





# Next SSIP Submissions

- Phase II & III will be submitted concurrently
- Phase II will address immediate needs and classroom learning technologies
- Phase III will include substantial Infrastructure upgrades
- Continuing to meet with vendors and finalize price quotes

# SSIP Phase II



- Classroom Learning Devices
  - Projector Replacements
  - Middle School Laptops & Carts
  - Elementary Computer Lab Furniture
- Streamlined Infrastructure
  - District Firewall Solution



# SSIP Phase II Continued...



- Promoting a 21<sup>st</sup> century learning environment through collaborative computer lab furniture and purchasing district laptops for improved student accessibility.
- The Firewall will strengthen our data privacy practices by enhancing network security and related protection features.

The background of the slide is a blurred image of network cables, with prominent red and blue cables in the foreground and background.

# SSIP Phase III

- Projects are capital in nature
- Requires review by NYS Office of Facilities Planning
- May result in longer approval process

## Non-Streamlined Infrastructure

- Fiber Optic Cabling – HS and 3 remaining Elementary Schools
- District wireless solution and related components
- Infrastructure upgrades at all Middle Schools



The background of the slide is a blurred image of network hardware, likely a switch or router, with various ports and indicator lights visible. A prominent red-bordered box is centered in the upper half of the slide, containing the title. Below the title box, there is a white rectangular area containing a bulleted list of project details.

## SSIP Phase III continued...

- Infrastructure upgrades will improve internal network communications and accommodate growing bandwidth demands
- The new wireless solution will provide greater WiFi *density* and *throughput* to all instructional spaces, further meeting the needs of district Internet accessibility for cloud based applications and collaboration software

# Phase II Cost Projections

## Classroom Learning Devices

Category	Cost
Projector Replacements	\$50,000
Middle School Laptops & Carts (3)	\$115,500
Elementary Computer Lab Furniture (7)	\$140,000
District Firewall Solution	\$130,648
<i>Total Cost Phase II</i>	<i>\$436,148</i>



# Phase III Cost Projections

## Infrastructure

Category	Cost
HS Fiber Optic Cabling and Connections	\$60,031
Elementary Fiber Optic Cabling	\$18,855
Middle Schools Infrastructure Upgrades	\$301,077
WiFi Solution (access points, licenses, etc.)	\$542,303
WiFi Network Components Upgrades	\$176,341
WiFi Cabling and Installation	\$331,227
<i>Total Cost Phase III</i>	<i>\$1,429,834</i>



# Phase II-III Cost Projections

## Related Fees

Category	Cost
Non-Public Schools Allocation	\$12,469
Architect Fees (5% of Capital Project)	\$78,025
Project Management Fees (5% of Capital Project)	\$78,025
SEQRA Fees	\$8,250
<i>Total Cost Related Fees</i>	<i>\$176,769</i>



# Smart Schools Funding Review

Phase	Cost
Phase I Costs	\$2,040,742
Phase II & III	\$2,042,751
Total Costs in Phases I-III	\$3,996,242
<i>Balance of SSBA allocation</i>	<i>\$1,964,111</i>



# Next Steps

- Submit “Letters of Intent” to Office of Facilities Planning
- Finalize prices quotes and related information
- Fine tune Tech Plan Survey to align with SSIP
- Presentation to the Board of Education at April meeting
  - Also serves as required public hearing
- Post to website for 30 days to allow for community feedback
- Board of Education approves preliminary plan after 30 days
- Finalize and submit SSIP Phases II and III to NYSED Portal
  - *Phase II is time sensitive for firewall replacement*