



SSIP1 Executive Summary

District-Wide Technology Infrastructure and Select Systems Upgrades

[including Communications and Security Systems]

February 10, 2020

*Presented to Phelps-Clifton Springs Central School District Board of Education for **Final** SSIP Approval*



Archi-Technology
Technology Consultants LLC

Connecting people, technology and buildings.

SSIP1 Executive Summary Overview



Smart Schools Bond Act (SSBA) Overview



Phelps-Clifton Springs CSD Goals and Objectives



PCSCSD Smart Schools Investment Plan (SSIP) 1:
*District-Wide Technology Infrastructure
and Select Systems Upgrades*



Previous and Next Steps





Smart Schools Bond Act (SSBA) Overview



About the Smart Schools Bond Act of 2014



- The **Smart Schools Bond Act (SSBA)** was passed in the 2014 – 15 Enacted Budget and approved by the voters in a statewide referendum on Nov. 4, 2014.
- The SSBA authorized the issuance of **\$2 billion** of bonds to finance improved educational technology and infrastructure.
- The intent of the SSBA is to **improve current learning opportunities for NYS K-12 students** as well as future employment potential in the 21st Century job market.

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About the Smart Schools Bond Act of 2014 (cont.)



- The SSBA provides funds for **three specific areas**:
 - Technology infrastructure & connected systems incl. high-tech security features
 - Instructional technology including devices
 - Temporary classroom upgrades to permanent structures
- The SSBA requires that a Review Board review and approve districts' **Smart Schools Investment Plans (SSIPs)** before any funds are made available.
- SSIPs are developed by a **District's SSIP team** based on current conditions and the District's five-year objectives.
- **Phelps-Clifton Springs CSD** is eligible for **\$1,739,943** that can be used for technology and security upgrades via one or multiple requests.





Phelps-Clifton Springs Central School District Vision and Mission



PCSCSD Vision and Mission



District Vision

To create a community of learners and leaders who demonstrate the 21st-century skills necessary to compete and thrive in a global society.

District Mission

Enable students to demonstrate college and career readiness by displaying:

- **Strong Moral Character** by displaying compassion and respect for others.
- **Critical Thinking Skills** by remaining open-minded to all possible outcomes.
- **Perseverance** to put forth the extra effort in order to accomplish tasks.
- **Cultural Awareness** to collaborate with a diverse population.
- **Innovation** to take calculated risks, be creative, and not be fearful of being vulnerable.



PCSCSD Technology Goals



- 1. Reliable Technology Infrastructure.** Ensure that students and staff have a reliable technology infrastructure for the next 20 years to support educational goals.
- 2. Enhanced Communications Systems.** Ensure students, staff, and administration can communicate with each other in a timely manner on a secure, controlled platform using procedures that adhere to district policy.
- 3. Safe School Environment.** Provide all staff and students with a safe and secure educational environment.





Phelps-Clifton Springs CSD SSIP1

District-Wide Technology Infrastructure and Systems Upgrades

[including Communications and Security Systems]



PCSCSD Smart Schools Investment Plan



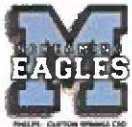
The Smart Schools Investment Plan (SSIP) summarized here is currently estimated to utilize **100%** of the District's **\$1,739,943** SSBA allocation.

This is the only SSIP that the District plans to submit to NYSED.

This SSIP1 Executive Summary describes the plan to **Upgrade District-Wide Technology Infrastructure and Select Systems** including:

- Improve Technology Rooms (spaces devoted to IT equipment) to meet standards.
- Upgrade cabling and pathways.

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PCSCSD Smart Schools Investment Plan (cont.)

Upgrade District-Wide Technology Infrastructure and Select Systems (cont.)

- Upgrade Public Address (PA) system to an IP-connected version with digital message displays.
- Install new perimeter Door Monitoring at all district school buildings.
- Upgrade large common and assembly areas with corridor electronic door lockdown hardware.



PCSCSD Smart Schools Investment Plan (cont.)



SSIP1 Total Funding

Categories	Sub-Allocation \$ Amount
Reliable, Sustainable Technology Infrastructure	\$633,000
Enhanced Communications	\$388,220
High-Tech Security (details on next pages)	\$426,500
Incidentals (≈17% of total SSIP estimated cost)	\$292,223
Total Estimated Cost	\$1,739,943





SSIP1: District-Wide Technology Infrastructure Upgrades (cont.)

SSIP1 Technology Infrastructure

ITEMS	TOTAL COST
Communications Equipment Rooms (CERs) Improvements (all schools)	\$225,000
Pathways and Cable upgrades (all schools)	\$408,000
Total Technology Infrastructure Costs (does not include Professional Services)	\$633,000

SSIP1 Enhanced Communications

ITEMS	TOTAL COST
Public Address (PA) system upgrades (all schools)	\$388,220
Total Enhanced Communications Costs (does not include Professional Services)	\$388,220



SSIP1: District-Wide Technology Infrastructure Upgrades (cont.)



SSIP1 High-Tech Security

ITEMS	TOTAL COST
Upgrade Intrusion Detection system (all schools)	\$81,500
Install new Zoned Lockdown system in corridor doors and common areas (all schools)	\$345,000
Total High-Tech Security Costs (does not include Professional Services)	\$426,500



SSIP1: District-Wide Technology Infrastructure Upgrades (cont.)



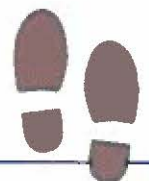
SSIP1 Incidentals

Items	Total Cost
Incidentals (Fees and Contingencies)	\$292,223
Total Other Project Costs	\$1,447,720
TOTAL SSIP1 ESTIMATED PROJECT COST	\$1,739,943



Next Steps

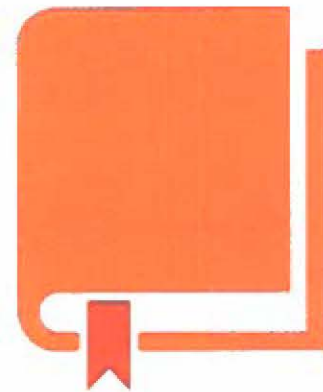




SSIP1 Next Steps

2019 Date	Milestone
M 9/16/19	SSIP1 Executive Summary - Preliminary Approval by Board
W 9/18/19	SSIP1 Executive Summary posted to district website for public review
M 10/7/19	SSIP1 Public Forum No. 1
M 10/21/19	SSIP1 Executive Summary - First Approval by Board
W 2/5/20	SSIP1 Public Forum No. 2
M 2/10/20	SSIP1 Executive Summary - Final Approval by Board
W 2/12/20	SSIP1 Submission to SSBA website





Available Resources



Available Resources

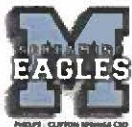


PCSCSD Resources

- To be provided by district

NYS Resources

- Smart Schools Bond Act of 2014 Statute
- Smart Schools Bond Act FAQs
- Smart Schools Bond Act (SSBA) Guidance
- NYS State Education Dept. (SED) SSBA website



SSIP1



Questions and Discussion