

PHASE II

SMART SCHOOLS INVESTMENT PLAN

Rockville Centre Union Free School District

April 2022

Total District Allocation: \$941,980

Allocation to Phase I \$368,365

Allocation Request for this plan: \$573,615

Allocation Remaining: -0-

Smart Schools Bond Act Overview:

The Smart Schools Bond Act of 2014 was passed in the 2014-15 Enacted New York State Budget and approved by the voters in a statewide referendum held during the 2014 General Election on Tuesday, November 4, 2014. The Smart Schools Bond Act (SSBA) authorized the issuance of \$2 billion of general obligation bonds to finance improved educational technology and infrastructure to improve learning and opportunity for students throughout the State.

SSBA funds may be used for one or more of the following capital projects:

1. Install high-speed broadband or wireless internet connectivity
2. Acquire learning technology equipment or facilities
3. Construct Pre-Kindergarten facilities and/or replace classroom trailers
4. Install high-tech security features in school buildings

The following investment plan for the Rockville Centre Schools is in alignment with the District's goals and technological needs for the coming years. The specific area of focus for the District will be under the SSBA category of installing high-tech security features in school buildings.

Please direct any comments on this plan to Robert Bartels at rbartels@rvcschools.org or
128 Shepherd Street
Rockville Centre, New York 11570

Plan Development:

This Phase II Smart Schools Investment Plan has been developed over through discussions with District administrators, technology staff, Board of Education and community members. An overview of the SSBA and the spending possibilities is being presented to the Board of Education and the district stakeholders at the May 4, 2022 Board of Education meeting. Upon its approval, this plan will be posted on the District website for 30 days, during which time the community members can provide the District with any pertinent feedback. After this time, a finalized Smart Schools Investment Plan will be submitted to the New York State Education Department and will be posted on the District website. The planning process for this investment plan will include consultation with parents, teachers, students, community members and any Non-public schools located in the District, if applicable.

Plan Summary:

High-Tech Security Features

New Servers for existing security cameras/ video storage	\$ 37,000
Upgrade to existing license plate camera	1,221
Replacement of outdated cameras	420,402
Access controller for elementary school entrance	5,317
Video Intercom for elementary school entrance	3,708
Environmental Monitoring Sensors	26,641
Upgrade of wireless network	<u>79,326</u>
Total	\$573,615

Rationale:

Security continues to be a prime concern with students, parents, teachers and administrative staff throughout the District. The District is always looking for ways to improve the security in each of the school buildings. This investment plan will allow the District to add and upgrade critical security features in all of our buildings to maintain and improve the safety and security of all of our students, staff and parents.

New Servers - Security camera technology has been added over the years and is now over working the servers used to process and store the data from the cameras. Frame rates during video replays have slowed down and it is easy to miss something on the video. The history of how long recordings are maintained has been shortened and, on occasion, the recordings are stopped because the server is full and needs to be serviced by a technician. The District will purchase 3 new servers to replace existing servers which have outlived their useful lives due to the number of cameras that are now being utilized throughout the District. These servers will enhance the review of security footage as well as increase the length of time that videotape review will be available.

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License Plate Reader – At the High School, there is a constant flow of traffic across campus of not only students and school personnel but, because of how the campus is situated, local residents, village workers and local community businesses (landscapers, utility trucks, etc.) also traverse the campus roads. There have been a number of instances where the District needed to determine the owner of a vehicle to address a security concern. The District intends to upgrade the license plate reader at the High School to better identify the owners of all vehicles that enter the campus so that security issues can be quickly investigated and addressed. This will increase the overall security on the High School campus.

Replacement of outdated cameras - The replacement of outdated security cameras will maximize safety and security for students and staff in all buildings by providing coverage for both the interior and exterior spaces.

Access controller for elementary school entrance – Access controllers provide additional security for all district buildings. However, there is a need for an access controller at the auditorium entrance at one of the district’s elementary schools.

Video Intercoms –Currently, the District uses coordinated video intercoms in all school buildings which provide a reliable way to focus on the face of the visitor to authenticate their identity. They provide security in each building the ability to see and converse with each visitor before allowing them into the building. This added means of security allows staff a better opportunity to evaluate visitors to the building for security concerns prior to their entry into the building. The District would like to enhance the use of these video intercoms at all frequently used entrances.

Environmental Monitoring Sensors - Vape detectors accurately monitor the quality of air and detect dangerous vaping chemicals when present in school bathrooms. This, in turn, sends notification alerts to assigned faculty members. They are an effective and affordable solution and their visible presence acts as a deterrent. Several years ago, the district installed these devices in the high school and middle school. There is now a need to update these devices.

Wireless network upgrade – The district needs to improve the wireless network capabilities in the large rooms (gyms, cafeterias and the like) in the middle and high schools. This will prepare the district for the online testing that New York State is moving towards.

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