



## Ichabod Crane Central School District **Preliminary Smart Schools Investment Plan (SSIP)**

### **Smart School Bond Act – (Background)**

The Smart Schools Bond Act (SSBA) was passed in the 2014-15 enacted budget and approved by the voters in a statewide referendum held during the New York State 2014 General Election on Tuesday, November 4, 2014. The Smart Schools Bond Act authorized the issuance of \$2 billion of general obligation bonds to finance improvements in educational technology, infrastructure and security. The entire text of the Smart Schools Bond Act Implementation Guidance can be found at:  
[http://www.p12.nysed.gov/mgtserv/smart\\_schools/docs/Smart\\_Schools\\_Bond\\_Act\\_Guidance\\_04.27.15\\_Final.pdf](http://www.p12.nysed.gov/mgtserv/smart_schools/docs/Smart_Schools_Bond_Act_Guidance_04.27.15_Final.pdf)

### **District's Allocation**

The total amount allocated to Ichabod Crane School District is \$1,309,134. This amount will be reimbursed to the district by New York State after expenses under the plan have been incurred. There is no time limit on purchases to be reimbursed and there is no requirement to expend all the funds at one time.

### **Overview of the District's SSIP**

The district will focus on the areas of:

- School Connectivity
  - Over the past several years the district has made significant enhancements and upgrades to our overall network infrastructure with new wiring, switches, servers, and wireless access. Presently the district has 100% wireless coverage in all instructional spaces with bandwidth of 100/100 Mgbps. By March 2017, the district will increase bandwidth to 200/200 Mgbps which will meet the Federal Communications Commission minimum speed standard of 100Mbps per 1,000 students. The cost for the increase in bandwidth will be supported in the district's general operating budget.  
The plan calls for the replacement of 45 older Wireless Access Points to improve wireless access as we incorporate additional wireless technology into our schools. We need to ensure that all instructional spaces have robust wireless coverage and sufficient bandwidth capacity for anticipated increased use of mobile devices by staff and students.
  
- Classroom Technology to Enhance Teaching and Learning
  - The Ichabod Crane School District has updated interactive whiteboard technology in the classrooms at the high school and middle school. Utilizing Smart Schools Bond funds, we plan to update all classrooms in grades K-5 with this newer technology.
  - At the Primary School (grades K-3) we plan to purchase a set of 6 iPads for each classroom to use for small group instruction and individualized, interactive learning experiences for the students.

- The High School and Middle School will each receive three laptop computer carts with 30 laptop computers per cart. This will increase our present inventory of 120 laptop computers for student use to 300. The mobile carts allow teachers to expand student learning and provide them with opportunities to access information more readily.
  - We have 314 desktop computers that are considerably older and inefficient. Our plan calls for the replacement of these computers over a three year period by replacing 114 desktop computers in the 2016-17 school year and 100 in 2017-18 and 2018-19. This would put us on track to develop a five to six year replacement plan for our desktop computers and provide up to date technology for students and staff.
  - Set up a Computer Science Lab at the high school to allow for additional elective courses in computer technology as well as additional computer lab space for classroom teachers.
  - Purchase five additional document cameras.
- High-Tech Security Features
    - The Ichabod Crane School District has taken steps to improve building security by adding secure vestibules and enhanced door locking security in our buildings. The safety of our students and staff is a priority and we plan to install additional security cameras to help ensure that everyone is as safe as possible. The plan calls for the installation of security cameras on the interior and exterior of all school buildings (high school, elementary/middle school, primary school, transportation, and maintenance/facilities) on the campus. Phase I calls for the installation of the infrastructure to allow for full coverage of all interior and exterior areas of our buildings. Approximately 25% of the number of cameras needed for full coverage will be purchased in Phase I.

**Preliminary Smart Schools Investment Plan Expenditures**

● Wireless Access Points.....	\$32,580
● Interactive Whiteboard Projectors and Whiteboards .....	\$193,940
● Laptop Computers and Carts .....	\$145,300
● iPads and Carts.....	\$75,516
● Desktop Computers .....	\$96,900
● Computer Science Lab Computers.....	\$27,000
● Document Cameras.....	\$3,000
● Security Cameras.....	\$250,000
<b>Phase I Total</b>	<b>\$824,236</b>
<b>Unallocated Funds</b>	<b>\$484,898</b>

## **Timeline**

- January 29, 2016 – Preliminary Smart Schools Investment Plan posted on our website for public comment
- February 2, 2016 – Preliminary Smart Schools Investment Plan approved by the Board of Education
- March 1, 2016 – Public Hearing at the Board of Education meeting to present/discuss the Preliminary Smart Schools Investment Plan. Final plan approved by the Board
- March 2, 2016 – Smart Schools Investment Plan submitted to the State Education Department for approval

## **Written comments regarding this plan should be submitted to:**

Mr. George Zini, Superintendent  
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